

Supplementary Data

for

Quantitative Changes in the Mitochondrial Proteome from Subjects with Mild Cognitive

Impairment, Early Stage and Late Stage Alzheimer's disease

Table 1 - 112 unique, non-redundant proteins identified and quantified in at least two of the three analytical replicates for all three disease stages.

Table 2 - MCI mitochondrial samples, Protein Summary

Table 3 - MCI mitochondrial samples, Experiment 1

Table 4 - MCI mitochondrial samples, Experiment 2

Table 5 - MCI mitochondrial samples, Experiment 3

Table 6 - EAD Mitochondrial Study, Protein Summary

Table 7 - EAD Mitochondrial Study, Experiment 1

Table 8 - EAD Mitochondrial Study, Experiment 2

Table 9 - EAD Mitochondrial Study, Experiment 3

Table 10 - LAD Mitochondrial Study, Protein Summary

Table 11 - LAD Mitochondrial Study, Experiment 1

Table 12 - LAD Mitochondrial Study, Experiment 2

Table 13 - LAD Mitochondrial Study, Experiment 3

Supplemental Table 1. 112 unique, non-redundant proteins identified and quantified in at least two of the three analytical replicates for all three disease stages.

Description	Data	MCI	EAD	LAD
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	Mean	1.43	1.70	1.31
	SEM	0.07	0.09	0.09
	Count	3.00	3.00	3.00
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	Mean	1.24	1.61	1.19
	SEM	0.05	0.17	0.18
	Count	3.00	2.00	3.00
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	Mean	1.64	1.50	1.35
	SEM	0.41	0.11	0.10
	Count	2.00	2.00	3.00
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	Mean	1.22	1.79	1.35
	SEM	0.10	0.05	0.13
	Count	3.00	3.00	3.00
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	Mean	0.65	0.70	1.01
	SEM	0.02	0.03	0.02
	Count	3.00	2.00	2.00
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDHI) (ALDH-E2) [MASS=56381]	Mean	2.11	1.54	1.17
	SEM	0.36	0.15	0.06
	Count	3.00	3.00	3.00
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	Mean	0.56	0.74	1.09
	SEM	0.05	0.06	0.10
	Count	2.00	2.00	3.00
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	Mean	1.40	1.64	1.28

	SEM	0.14	0.01	0.27
	Count	3.00	2.00	2.00
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	Mean	0.44	0.67	0.96
	SEM	0.02	0.13	0.05
	Count	3.00	2.00	3.00
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	Mean	0.49	0.55	0.99
	SEM	0.02	0.02	0.04
	Count	3.00	3.00	3.00
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	Mean	0.46	0.53	1.04
	SEM	0.01	0.00	0.11
	Count	3.00	3.00	3.00
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla	Mean	0.97	0.98	0.99
	SEM	0.04	0.07	0.02
	Count	3.00	2.00	2.00
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	Mean	1.23	1.88	1.26
	SEM	0.15	0.06	0.08
	Count	3.00	2.00	3.00
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	Mean	1.33	1.95	1.25
	SEM	0.07	0.07	0.13
	Count	3.00	3.00	3.00
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	Mean	2.20	1.56	1.59
	SEM	0.93	0.09	0.05
	Count	3.00	2.00	3.00

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY)	Mean	1.02	1.45	1.68
	SEM	0.06	0.08	0.13
	Count	3.00	3.00	3.00
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20)	Mean	0.49	0.59	0.83
	SEM	0.06	0.02	0.06
	Count	3.00	2.00	3.00
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	Mean	0.95	0.94	0.16
	SEM	0.04	0.02	0.01
	Count	2.00	2.00	2.00
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	Mean	1.29	1.67	1.23
	SEM	0.05	0.10	0.02
	Count	3.00	3.00	3.00
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	Mean	1.27	1.41	1.10
	SEM	0.10	0.09	0.13
	Count	3.00	2.00	3.00
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	Mean	1.46	1.69	1.30
	SEM	0.07	0.19	0.05
	Count	3.00	3.00	3.00
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	Mean	1.16	1.61	1.24
	SEM	0.08	0.12	0.04
	Count	3.00	3.00	3.00
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	Mean	0.61	0.55	1.25
	SEM	0.08	0.02	0.13
	Count	3.00	2.00	2.00

CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	Mean	1.07	1.43	1.05
	SEM	0.08	0.15	0.07
	Count	3.00	3.00	3.00
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	Mean	1.01	0.97	0.96
	SEM	0.05	0.03	0.05
	Count	3.00	3.00	3.00
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	Mean	1.44	1.87	1.35
	SEM	0.10	0.41	0.03
	Count	3.00	2.00	3.00
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	Mean	1.02	1.49	1.14
	SEM	0.02	0.23	0.06
	Count	3.00	2.00	3.00
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	Mean	1.86	1.41	1.21
	SEM	0.09	0.21	0.15
	Count	3.00	3.00	2.00
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	Mean	0.52	0.44	0.78
	SEM	0.05	0.04	0.06
	Count	3.00	2.00	2.00
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	Mean	1.18	1.81	1.26
	SEM	0.10	0.18	0.05
	Count	3.00	3.00	3.00
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	Mean	2.40	1.61	1.25
	SEM	0.14	0.09	0.04
	Count	3.00	3.00	3.00
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	Mean	1.33	1.37	1.26

	SEM	0.13	0.11	0.14
	Count	3.00	3.00	3.00
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	Mean	1.68	1.79	1.28
	SEM	0.31	0.07	0.10
	Count	3.00	3.00	3.00
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	Mean	1.36	1.49	1.14
	SEM	0.07	0.18	0.15
	Count	3.00	3.00	3.00
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	Mean	0.56	0.61	0.98
	SEM	0.04	0.02	0.09
	Count	3.00	3.00	3.00
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	Mean	0.70	0.73	1.11
	SEM	0.16	0.12	0.15
	Count	3.00	2.00	2.00
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	Mean	0.44	0.50	0.83
	SEM	0.05	0.05	0.05
	Count	3.00	2.00	3.00
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	Mean	1.37	1.37	1.20
	SEM	0.07	0.06	0.15
	Count	3.00	2.00	3.00
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	Mean	1.31	1.95	1.31
	SEM	0.23	0.14	0.23
	Count	2.00	3.00	2.00
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	Mean	1.11	1.40	1.08
	SEM	0.27	0.56	0.11

	Count	2.00	3.00	2.00
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	Mean	1.36	1.57	1.19
	SEM	0.06	0.22	0.03
	Count	3.00	2.00	3.00
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	Mean	1.91	1.96	1.22
	SEM	0.08	0.18	0.22
	Count	3.00	3.00	3.00
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	Mean	0.70	0.75	0.89
	SEM	0.07	0.05	0.03
	Count	3.00	3.00	3.00
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) (Mean	1.18	1.27	1.20
	SEM	0.07	0.21	0.03
	Count	3.00	3.00	3.00
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	Mean	0.55	0.58	0.99
	SEM	0.01	0.01	0.01
	Count	3.00	3.00	3.00
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	Mean	0.54	0.58	0.95
	SEM	0.04	0.04	0.14
	Count	3.00	2.00	2.00
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	Mean	0.93	1.25	1.13
	SEM	0.15	0.02	0.11
	Count	3.00	3.00	3.00
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	Mean	1.30	1.61	1.44
	SEM	0.09	0.11	0.08
	Count	3.00	3.00	3.00

GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	Mean	0.68	0.54	1.04
	SEM	0.19	0.05	0.18
	Count	3.00	2.00	2.00
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	Mean	1.31	1.39	1.56
	SEM	0.25	0.11	0.51
	Count	2.00	2.00	2.00
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	Mean	0.51	0.73	0.82
	SEM	0.08	0.25	0.07
	Count	3.00	2.00	2.00
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	Mean	0.55	0.84	1.03
	SEM	0.02	0.01	0.12
	Count	3.00	2.00	3.00
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	Mean	1.24	1.61	1.33
	SEM	0.04	0.11	0.09
	Count	3.00	3.00	3.00
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	Mean	1.27	1.26	1.37
	SEM	0.13	0.18	0.02
	Count	3.00	3.00	3.00
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	Mean	1.40	1.52	0.96
	SEM	0.08	0.01	0.02
	Count	3.00	2.00	2.00
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	Mean	1.22	1.44	1.08
	SEM	0.06	0.07	0.11
	Count	3.00	3.00	3.00

KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	Mean	0.67	0.86	1.15
	SEM	0.02	0.04	0.09
	Count	3.00	2.00	3.00
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	Mean	0.81	0.91	1.15
	SEM	0.05	0.06	0.16
	Count	3.00	3.00	3.00
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	Mean	0.73	0.75	1.36
	SEM	0.01	0.01	0.10
	Count	3.00	3.00	3.00
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	Mean	1.20	1.51	1.27
	SEM	0.01	0.20	0.05
	Count	3.00	3.00	3.00
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	Mean	0.78	0.67	0.95
	SEM	0.19	0.05	0.03
	Count	3.00	3.00	3.00
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	Mean	0.94	1.37	1.30
	SEM	0.11	0.04	0.14
	Count	2.00	2.00	2.00
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	Mean	1.70	1.52	1.06
	SEM	0.50	0.19	0.09
	Count	3.00	2.00	3.00
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	Mean	1.25	1.79	1.35
	SEM	0.08	0.09	0.02
	Count	3.00	3.00	3.00

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	Mean	1.07	1.71	1.32
	SEM	0.10	0.08	0.08
	Count	3.00	3.00	3.00
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	Mean	1.25	1.41	1.58
	SEM	0.27	0.15	0.18
	Count	2.00	2.00	2.00
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	Mean	1.38	0.89	1.22
	SEM	0.55	0.05	0.30
	Count	2.00	2.00	2.00
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	Mean	1.03	1.43	0.98
	SEM	0.23	0.15	0.06
	Count	2.00	2.00	3.00
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	Mean	1.42	1.49	1.06
	SEM	0.08	0.14	0.10
	Count	3.00	3.00	3.00
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N- CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	Mean	0.41	0.45	1.01
	SEM	0.05	0.02	0.08
	Count	3.00	2.00	3.00
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	Mean	1.80	1.47	1.05
	SEM	0.05	0.16	0.20
	Count	2.00	2.00	3.00
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	Mean	1.37	1.40	1.27
	SEM	0.10	0.15	0.21
	Count	3.00	3.00	3.00

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	Mean	1.09	1.64	1.25
	SEM	0.08	0.08	0.06
	Count	3.00	2.00	3.00
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	Mean	1.02	1.20	0.98
	SEM	0.10	0.22	0.07
	Count	3.00	2.00	3.00
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	Mean	0.54	0.88	1.09
	SEM	0.09	0.02	0.04
	Count	3.00	2.00	3.00
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	Mean	1.30	1.45	1.25
	SEM	0.08	0.15	0.05
	Count	3.00	3.00	3.00
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	Mean	1.23	1.45	1.33
	SEM	0.27	0.14	0.23
	Count	3.00	3.00	3.00
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	Mean	1.49	2.39	1.19
	SEM	0.22	0.34	0.26
	Count	2.00	2.00	2.00
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	Mean	1.14	1.45	1.25
	SEM	0.17	0.08	0.15
	Count	3.00	3.00	3.00

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component)	Mean	1.37	1.33	1.04
	SEM	0.19	0.14	0.07
	Count	3.00	3.00	3.00
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	Mean	1.36	1.59	0.88
	SEM	0.25	0.10	0.00
	Count	2.00	3.00	2.00
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	Mean	1.14	1.35	1.21
	SEM	0.09	0.18	0.01
	Count	3.00	3.00	2.00
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	Mean	0.70	0.94	0.99
	SEM	0.05	0.02	0.06
	Count	3.00	2.00	3.00
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	Mean	0.83	0.87	1.19
	SEM	0.14	0.15	0.19
	Count	2.00	2.00	3.00
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	Mean	1.09	0.77	1.04
	SEM	0.38	0.02	0.09
	Count	3.00	2.00	3.00
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	Mean	0.49	0.65	0.99
	SEM	0.22	0.03	0.03
	Count	2.00	3.00	3.00
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	Mean	0.97	1.77	1.22
	SEM	0.10	0.22	0.04
	Count	2.00	2.00	3.00
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta-	Mean	2.36	1.67	1.10

	SEM	0.07	0.36	0.02
	Count	3.00	3.00	3.00
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	Mean	1.28	1.66	1.36
	SEM	0.10	0.20	0.19
	Count	3.00	3.00	3.00
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	Mean	0.71	1.00	0.94
	SEM	0.04	0.06	0.00
	Count	3.00	2.00	2.00
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I	Mean	0.36	0.44	1.01
	SEM	0.05	0.05	0.10
	Count	3.00	3.00	3.00
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	Mean	0.29	0.42	1.16
	SEM	0.04	0.08	0.08
	Count	3.00	2.00	2.00
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	Mean	0.84	1.26	0.97
	SEM	0.34	0.41	0.04
	Count	2.00	2.00	2.00
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	Mean	1.74	1.55	1.30
	SEM	0.28	0.05	0.20
	Count	2.00	2.00	3.00
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	Mean	0.58	0.63	1.08
	SEM	0.04	0.02	0.12
	Count	3.00	3.00	3.00
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	Mean	4.36	1.51	1.17

	SEM	1.24	0.07	0.14
	Count	2.00	2.00	2.00
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	Mean	1.63	2.36	1.08
	SEM	0.23	0.96	0.33
	Count	2.00	2.00	3.00
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	Mean	0.50	0.62	0.94
	SEM	0.04	0.04	0.09
	Count	3.00	3.00	3.00
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	Mean	0.75	0.94	1.07
	SEM	0.04	0.01	0.03
	Count	3.00	3.00	3.00
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	Mean	0.77	0.93	1.10
	SEM	0.07	0.07	0.11
	Count	3.00	3.00	3.00
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	Mean	1.44	1.67	3.31
	SEM	0.14	0.27	1.11
	Count	3.00	3.00	3.00
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	Mean	0.45	0.55	0.88
	SEM	0.03	0.00	0.16
	Count	3.00	2.00	3.00
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	Mean	1.40	1.51	0.90
	SEM	0.12	0.18	0.24
	Count	3.00	2.00	3.00
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	Mean	0.81	1.39	0.97
	SEM	0.12	0.16	0.22
	Count	2.00	3.00	3.00
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	Mean	0.74	0.78	1.55
	SEM	0.15	0.07	0.60

	Count	3.00	2.00	3.00
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	Mean	1.29	1.69	1.09
	SEM	0.14	0.06	0.07
	Count	3.00	2.00	3.00
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	Mean	1.25	1.76	1.13
	SEM	0.12	0.20	0.11
	Count	3.00	3.00	3.00
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	Mean	1.22	1.43	1.07
	SEM	0.06	0.31	0.12
	Count	3.00	3.00	3.00
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	Mean	1.12	1.87	1.43
	SEM	0.07	0.19	0.37
	Count	3.00	3.00	3.00
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	Mean	1.10	1.64	1.31
	SEM	0.04	0.14	0.19
	Count	3.00	3.00	3.00
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	Mean	1.19	1.60	2.38
	SEM	0.07	0.09	1.11
	Count	3.00	2.00	3.00
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	Mean	0.77	1.09	1.13
	SEM	0.03	0.04	0.01
	Count	3.00	2.00	2.00

**Table 2. MCI mitochondrial samples
Protein Summary**

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.61	0.85	0.80	0.91	1.00	0.91	3	0.89	0.02
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	0.76	1.00	0.90	0.95	1.24	3	0.97	0.14
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	0.75	1.00	0.61	1.00	0.69	3	0.68	0.04
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	0.91	0.97	0.58	1.00	1.48	3	0.99	0.26
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.32	1.00	1.41	1.00	1.57	3	1.43	0.07
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	1.28	1.00	1.29	1.00	1.14	3	1.24	0.05
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	1.41	0.00	1.13	0.51	1.22	3	1.25	0.08
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	0.57	1.00	0.55	1.00	0.73	3	0.62	0.06
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.04	1.00	1.21	1.00	1.40	3	1.22	0.10
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	0.62	1.00	0.63	1.00	0.69	3	0.65	0.02
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDHI) (ALDH-E2) [MASS=56381]	1.00	1.74	1.00	2.83	1.00	1.77	3	2.11	0.36

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	0.94	1.00	1.10	0.90	0.71	3	0.92	0.11
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.92	1.68	0.98	1.26	1.00	1.25	3	1.40	0.14
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	0.54	1.00	0.72	1.00	0.75	3	0.67	0.07
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	0.41	1.00	0.44	1.00	0.47	3	0.44	0.02
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	0.50	1.00	0.45	1.00	0.52	3	0.49	0.02
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.47	1.00	0.47	1.00	0.43	3	0.46	0.01
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	0.89	1.00	1.04	1.00	0.97	3	0.97	0.04
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	0.84	0.25	0.57	1.00	0.58	3	0.66	0.09
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	0.66	1.00	0.55	1.00	1.08	3	0.76	0.16
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.99	0.55	1.00	0.46	1.00	0.64	3	0.55	0.05
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.89	1.02	1.00	1.15	0.59	1.51	3	1.23	0.15
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.19	1.00	1.38	1.00	1.43	3	1.33	0.07

C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.99	1.11	1.00	1.44	1.00	4.06	3	2.20	0.93
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	1.03	1.00	1.12	1.00	0.91	3	1.02	0.06
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	0.72	0.99	0.67	1.00	0.98	3	0.79	0.10
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	0.54	1.00	0.37	1.00	0.56	3	0.49	0.06
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	0.48	1.00	0.53	0.98	0.71	3	0.57	0.07
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	1.28	1.00	1.21	1.00	1.39	3	1.29	0.05
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	1.17	1.00	1.17	1.00	1.48	3	1.27	0.10
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.79	1.32	1.00	1.54	1.00	1.51	3	1.46	0.07
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.12	1.00	1.05	1.00	1.31	3	1.16	0.08
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	0.51	1.00	0.56	1.00	0.76	3	0.61	0.08
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	1.01	1.00	0.97	1.00	1.24	3	1.07	0.08

CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	0.95	1.00	0.97	1.00	1.12	3	1.01	0.05
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	0.53	1.00	0.48	0.98	0.42	3	0.48	0.03
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.77	0.85	1.00	0.50	0.00	0.69	3	0.68	0.10
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	0.51	1.00	0.56	1.00	0.75	3	0.61	0.07
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	1.25	0.97	1.56	1.00	1.51	3	1.44	0.10
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.99	0.98	1.00	1.06	0.94	1.03	3	1.02	0.02
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	1.70	0.99	1.86	1.00	2.01	3	1.86	0.09
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.98	0.61	0.00	0.75	1.00	0.60	3	0.65	0.05
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	0.48	1.00	0.62	1.00	0.45	3	0.52	0.05
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	1.00	0.54	0.98	0.33	0.00	0.63	3	0.50	0.09
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	1.04	1.00	1.14	1.00	1.37	3	1.18	0.10
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	2.19	1.00	2.66	1.00	2.36	3	2.40	0.14
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.08	1.00	1.53	1.00	1.39	3	1.33	0.13
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.06	1.00	2.02	1.00	1.95	3	1.68	0.31
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.97	1.42	1.00	1.44	1.00	1.22	3	1.36	0.07

DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.00	1.61	0.00	1.40	0.93	1.95	3	1.65	0.16
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	0.49	1.00	0.58	1.00	0.62	3	0.56	0.04
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	0.51	1.00	1.01	0.65	0.59	3	0.70	0.16
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.36	1.00	0.43	1.00	0.53	3	0.44	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	1.51	1.00	1.29	1.00	1.32	3	1.37	0.07
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.25	1.00	1.39	1.00	1.45	3	1.36	0.06
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	0.83	0.00	0.47	0.00	0.56	3	0.62	0.11
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.97	2.04	1.00	1.91	0.86	1.77	3	1.91	0.08
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.60	1.00	0.83	1.00	0.68	3	0.70	0.07
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.95	0.80	1.00	0.87	0.35	0.71	3	0.79	0.05
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	1.03	1.00	1.25	1.00	1.25	3	1.18	0.07

GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	0.56	1.00	0.55	1.00	0.53	3	0.55	0.01
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	0.58	0.99	0.55	0.00	1.07	3	0.73	0.17
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.56	0.65	0.73	1.42	0.00	1.66	3	1.24	0.30
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	0.73	0.99	0.73	0.94	0.77	3	0.74	0.01
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-1) [MASS=7719]	1.00	0.61	1.00	0.48	1.00	0.52	3	0.54	0.04
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.00	1.09	0.80	0.57	0.99	1.19	3	0.95	0.19
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	1.00	0.72	0.98	0.38	0.97	0.77	3	0.62	0.12
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)) symporter 1 (Solute carrier family 25 member 22) [MASS=34470]	1.00	0.83	1.00	1.23	1.00	0.72	3	0.93	0.15
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.36	1.00	1.12	1.00	1.41	3	1.30	0.09
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	0.46	1.00	1.06	1.00	0.52	3	0.68	0.19
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	0.07	1.00	0.85	0.86	1.09	3	0.67	0.31
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	0.36	1.00	0.56	1.00	0.62	3	0.51	0.08
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.30	1.69	0.00	1.50	0.00	1.75	3	1.65	0.08
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.00	1.19	0.53	1.92	0.99	0.49	3	1.20	0.41
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	0.52	1.00	0.59	0.94	0.53	3	0.55	0.02

HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	1.40	0.40	1.38	0.00	2.72	3	1.83	0.44
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.96	0.49	0.97	0.47	0.27	0.38	3	0.45	0.03
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.17	1.00	1.25	1.00	1.31	3	1.24	0.04
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	0.43	0.72	0.40	1.00	0.53	3	0.45	0.04
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.96	1.00	0.99	1.43	0.44	1.37	3	1.27	0.13
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	1.28	0.96	1.56	0.95	1.37	3	1.40	0.08
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	1.10	1.00	1.23	1.00	1.32	3	1.22	0.06
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	0.40	1.00	0.45	1.00	0.42	3	0.42	0.01
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	0.68	1.00	0.64	1.00	0.70	3	0.67	0.02
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	0.71	1.00	0.89	1.00	0.84	3	0.81	0.05
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	0.72	1.00	0.75	1.00	0.71	3	0.73	0.01
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.18	1.00	1.19	1.00	1.22	3	1.20	0.01

KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	0.64	0.99	1.16	0.90	0.55	3	0.78	0.19
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.99	1.42	0.00	2.68	0.00	2.42	3	2.17	0.38
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	0.51	1.00	0.65	1.00	0.57	3	0.58	0.04
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	0.45	1.00	0.67	1.00	0.82	3	0.65	0.11
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.25	1.99	0.99	0.69	0.00	0.52	3	1.07	0.46
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	0.83	0.97	0.66	0.99	0.59	3	0.69	0.07
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	1.27	1.00	1.14	0.99	2.69	3	1.70	0.50
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.99	0.40	0.86	0.57	0.47	0.48	3	0.48	0.05
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.16	1.00	1.19	1.00	1.41	3	1.25	0.08
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	0.95	1.00	1.28	1.00	0.99	3	1.07	0.10
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.26	1.00	1.48	1.00	1.51	3	1.42	0.08
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	0.39	1.00	0.33	1.00	0.51	3	0.41	0.05
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	1.05	1.00	1.28	1.00	1.42	3	1.25	0.11

NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.56	1.00	1.27	1.00	1.27	3	1.37	0.10
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.20	1.00	0.94	1.00	1.12	3	1.09	0.08
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	0.82	0.99	0.57	1.00	0.61	3	0.67	0.08
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	1.00	1.00	1.08	0.96	1.21	3	1.10	0.06
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	1.68	0.00	1.21	0.00	1.00	3	1.30	0.20
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.96	1.00	0.89	1.00	1.21	3	1.02	0.10
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	0.38	1.00	0.46	1.00	0.52	3	0.45	0.04
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	0.61	1.00	0.65	0.97	0.37	3	0.54	0.09
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.17	1.00	1.27	1.00	1.45	3	1.30	0.08
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	0.90	1.00	1.03	1.00	1.77	3	1.23	0.27
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	0.95	1.00	1.45	1.00	1.78	3	1.39	0.24

NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.71	1.12	0.45	1.60	0.94	1.26	3	1.33	0.14
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	0.82	1.00	1.22	1.00	1.39	3	1.14	0.17
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	0.36	0.00	1.12	0.00	0.61	3	0.70	0.22
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component) [MASS=65781]	0.69	1.55	1.00	1.58	0.62	0.99	3	1.37	0.19
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	0.99	0.76	0.99	0.00	1.05	3	1.01	0.02
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	0.97	1.00	1.24	1.00	1.22	3	1.14	0.09
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	0.90	0.99	0.78	0.98	1.48	3	1.05	0.22
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	0.65	1.00	0.80	1.00	0.66	3	0.70	0.05
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	0.65	1.00	0.91	1.00	1.08	3	0.88	0.13
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	1.08	1.00	1.75	0.99	1.64	3	1.49	0.21
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	0.67	1.00	0.70	0.70	0.72	3	0.70	0.01

RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.42	1.31	0.22	2.06	0.80	1.95	3	1.77	0.23
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	0.74	0.92	1.84	0.98	0.68	3	1.09	0.38
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	0.23	0.00	2.32	0.00	0.75	3	1.10	0.63
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.00	0.86	0.98	1.02	1.00	1.19	3	1.02	0.10
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	0.99	1.07	1.00	1.03	1.00	1.06	3	1.05	0.01
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	2.44	1.00	2.41	1.00	2.22	3	2.36	0.07
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/ threonine transporter) (ASCT1) [MASS=55723]	1.00	0.40	1.00	0.37	1.00	0.42	3	0.40	0.01
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	1.09	1.00	1.33	1.00	1.42	3	1.28	0.10
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	0.60	1.00	0.63	0.61	0.72	3	0.65	0.04
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	0.67	1.00	0.67	1.00	0.79	3	0.71	0.04
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812]	1.00	0.34	1.00	0.29	1.00	0.45	3	0.36	0.05
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.97	0.26	1.00	0.23	0.00	0.37	3	0.29	0.04

SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	0.12	0.00	0.17	0.00	0.12	3	0.14	0.02
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	0.88	1.00	0.90	1.00	1.03	3	0.94	0.05
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.88	0.73	0.67	0.73	0.00	0.69	3	0.72	0.01
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	0.65	1.00	0.57	1.00	0.52	3	0.58	0.04
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.83	0.96	1.00	1.81	1.00	1.19	3	1.32	0.25
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	0.43	1.00	0.49	1.00	0.57	3	0.50	0.04
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	0.71	1.00	0.72	1.00	0.82	3	0.75	0.04
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	0.64	1.00	0.81	1.00	0.86	3	0.77	0.07
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	0.53	0.51	0.79	0.00	0.57	3	0.63	0.08
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	1.18	1.00	1.46	1.00	1.67	3	1.44	0.14
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy 1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	0.38	0.99	0.48	0.99	0.48	3	0.45	0.03
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	1.61	0.39	1.54	0.50	1.13	3	1.43	0.15
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.75	1.15	1.00	1.53	0.00	1.51	3	1.40	0.12
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	0.53	1.00	0.67	1.00	1.02	3	0.74	0.15
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.98	1.46	0.99	0.68	0.99	0.85	3	1.00	0.24

UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.19	1.00	1.10	1.00	1.57	3	1.29	0.14
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.05	1.00	1.24	1.00	1.45	3	1.25	0.12
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.11	0.99	1.31	1.00	1.24	3	1.22	0.06
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	0.81	0.76	0.48	0.69	0.71	3	0.67	0.10
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	0.24	0.00	3.07	0.00	4.71	3	2.67	1.31
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	0.68	0.99	0.64	0.99	0.79	3	0.70	0.04
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	1.15	1.00	1.22	1.00	0.99	3	1.12	0.07
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	1.03	1.00	1.18	1.00	1.08	3	1.10	0.04
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	1.22	1.00	1.30	0.87	1.05	3	1.19	0.07
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.68	0.75	1.00	0.74	0.00	0.82	3	0.77	0.03

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase) [MASS=96412]	1.00	0.79	0.94	0.53	1.00	1.06	3	0.79	0.15
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	0.73	0.00	10.47	0.00	3.18	3	4.79	2.93
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.66	0.92	0.00	1.38	1.00	0.69	3	1.00	0.20
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.37	1.52	*	*	0.32	0.29	2	0.91	0.62
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.96	0.98	1.00	0.79	*	*	2	0.89	0.09
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	0.99	1.23	*	*	1.00	2.04	2	1.64	0.41
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	1.97	*	*	0.00	1.16	2	1.57	0.41
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	*	*	1.00	1.65	0.00	2.48	2	2.07	0.42
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.87	*	1.00	0.58	1.00	0.04	2	0.31	0.27
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	0.61	1.00	0.51	1.00	*	2	0.56	0.05
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	*	*	0.95	1.18	1.00	0.75	2	0.97	0.22
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	0.22	*	*	0.00	2.09	2	1.16	0.94
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote) [MASS=107554]	0.00	*	1.00	0.80	1.00	0.40	2	0.60	0.20

AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	0.74	*	*	1.00	0.90	2	0.82	0.08
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.63	0.52	0.77	1.12	*	*	2	0.82	0.30
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	*	*	0.00	1.07	0.88	1.21	2	1.14	0.07
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na ⁺ /K ⁺ ATPase 2) [MASS=112265]	0.82	0.37	1.00	0.39	0.00	*	2	0.38	0.01
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	*	*	0.00	1.23	0.94	0.66	2	0.95	0.29
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	1.30	1.00	1.47	0.99	*	2	1.39	0.09
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	*	*	0.75	1.08	0.00	1.23	2	1.16	0.07
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	*	*	0.00	1.32	0.00	1.12	2	1.22	0.10
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	0.89	0.00	0.55	*	*	2	0.72	0.17
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.20	1.26	*	*	0.00	8.78	2	5.02	3.76
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	*	*	0.00	1.24	0.00	0.49	2	0.87	0.38
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	*	*	0.00	2.07	0.00	1.19	2	1.63	0.44
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	0.99	*	*	0.99	0.90	2	0.95	0.04
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	0.46	0.00	0.24	*	*	2	0.35	0.11

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	0.00	1.49	1.00	1.34	*	*	2	1.42	0.08
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	*	*	0.00	34.22	0.00	1.64	2	17.93	16.29
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	0.54	*	*	0.26	1.09	2	0.82	0.28
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.99	0.43	0.95	0.63	*	*	2	0.53	0.10
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSR2-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.27	2.28	*	*	0.00	0.38	2	1.33	0.95
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	*	*	0.21	0.71	0.00	0.55	2	0.63	0.08
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	3.97	0.00	4.26	*	*	2	4.12	0.14
DHDDS_HUMAN (Q86SQ9) Dehydrololichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	*	*	0.00	0.81	0.00	0.44	2	0.63	0.19
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.96	0.57	*	*	0.56	0.25	2	0.41	0.16
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	*	*	0.66	0.74	0.00	0.93	2	0.84	0.10
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	*	0.00	0.40	0.00	2.00	2	1.20	0.80
DOCK4_HUMAN (Q8N110) Deducator of cytokinesis protein 4 [MASS=225147]	0.00	0.63	0.00	1.70	*	*	2	1.17	0.54
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.00	0.92	0.96	0.53	*	*	2	0.73	0.20
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	0.60	*	*	1.00	0.79	2	0.70	0.09

DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	1.19	0.33	0.53	*	*	2	0.86	0.33
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	1.54	0.99	1.07	*	*	2	1.31	0.23
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	0.84	1.00	1.38	0.00	*	2	1.11	0.27
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	0.67	*	*	1.00	0.58	2	0.63	0.05
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	57.14	*	*	0.00	53.44	2	55.29	1.85
ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP 1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase [MASS=104924]	*	*	0.00	1.06	0.00	0.10	2	0.58	0.48
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	0.78	*	*	0.00	1.31	2	1.05	0.27
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	1.42	*	*	0.00	1.91	2	1.67	0.25
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	*	*	0.00	0.96	0.00	0.83	2	0.90	0.07
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPLase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	*	*	0.71	0.93	0.74	1.21	2	1.07	0.14
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	*	0.00	0.60	0.00	0.56	2	0.58	0.02
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	1.00	0.81	*	*	0.41	0.93	2	0.87	0.06
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.71	0.56	0.99	0.78	*	*	2	0.67	0.11

GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	0.68	0.00	*	1.00	1.00	2	0.84	0.16
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.86	0.59	1.00	0.76	*	*	2	0.68	0.08
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	1.55	*	*	0.99	1.06	2	1.31	0.24
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.98	0.49	0.23	0.51	*	*	2	0.50	0.01
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	0.90	0.23	1.07	*	*	2	0.99	0.08
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	*	*	0.00	0.07	0.00	0.36	2	0.22	0.15
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	*	0.00	1.40	0.00	1.24	2	1.32	0.08
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	*	0.00	5.58	0.00	1.01	2	3.30	2.29
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	1.23	0.00	2.09	*	*	2	1.66	0.43
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.00	1.41	*	*	0.89	1.77	2	1.59	0.18
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	1.46	*	*	0.00	0.91	2	1.19	0.28
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.40	0.00	0.63	*	*	2	1.02	0.39
IGS21_HUMAN (Q96ID5) Immunoglobulin superfamily member 21 precursor [MASS=51835]	0.52	0.73	0.99	0.36	*	*	2	0.55	0.19

IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.84	0.64	0.99	0.39	*	*	2	0.52	0.13
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	1.74	*	*	0.00	0.98	2	1.36	0.38
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	*	*	0.00	2.18	0.00	1.07	2	1.63	0.56
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	0.81	0.00	2.40	*	*	2	1.61	0.80
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	238.64	*	*	0.00	2.66	2	120.65	117.99
K0427_HUMAN (O43310) Protein KIAA0427 [MASS=67586]	0.00	0.98	*	*	0.00	1.87	2	1.43	0.45
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.89	0.80	0.00	*	1.00	1.62	2	1.21	0.41
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al) [MASS=137559]	0.00	1.96	0.00	3.01	*	*	2	2.49	0.53
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	0.08	*	*	0.00	1.01	2	0.55	0.47
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	*	*	0.00	15.05	0.00	5.70	2	10.38	4.68
KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	1.34	0.00	1.09	*	*	2	1.22	0.13
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.69	0.45	*	*	0.93	0.68	2	0.57	0.12
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.99	0.40	0.98	0.68	*	*	2	0.54	0.14
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	0.74	*	*	1.00	0.68	2	0.71	0.03

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	1.05	*	*	0.00	0.82	2	0.94	0.11
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	0.93	0.99	0.63	*	*	2	0.78	0.15
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.63	1.25	1.00	0.85	*	*	2	1.05	0.20
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	1.00	0.64	*	*	0.24	0.77	2	0.71	0.06
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	0.49	*	*	0.00	0.52	2	0.51	0.02
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	0.99	1.25	0.96	1.65	*	*	2	1.45	0.20
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	0.81	0.00	0.84	*	*	2	0.83	0.02
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	1.23	0.00	0.71	*	*	2	0.97	0.26
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	3.52	*	*	0.00	2.81	2	3.17	0.36
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	0.32	*	*	0.00	0.86	2	0.59	0.27
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.99	1.52	*	*	0.91	0.98	2	1.25	0.27
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.99	0.83	*	*	0.83	1.93	2	1.38	0.55
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.96	1.09	0.97	1.14	*	*	2	1.12	0.03
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	0.80	1.00	1.25	*	*	2	1.03	0.23
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	0.34	*	*	0.00	0.28	2	0.31	0.03

MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myosin) [MASS=215420]	0.93	0.96	*	*	0.00	1.20	2	1.08	0.12
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	0.49	0.84	0.67	0.69	*	2	0.58	0.09
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	1.84	0.99	1.75	*	*	2	1.80	0.05
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	0.48	*	*	0.00	0.83	2	0.66	0.18
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.73	0.85	0.25	0.73	*	*	2	0.79	0.06
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	*	0.00	2.47	0.00	0.58	2	1.53	0.95
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.95	0.88	*	*	0.96	0.80	2	0.84	0.04
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	1.27	0.00	1.71	*	*	2	1.49	0.22
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	*	*	0.00	2.39	0.00	0.87	2	1.63	0.76
ODBB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha-keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	*	*	0.00	1.10	0.00	1.44	2	1.27	0.17
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.75	1.14	0.00	1.01	*	*	2	1.08	0.07
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	1.11	0.00	*	1.00	1.60	2	1.36	0.25

ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	*	0.97	1.86	0.99	1.78	2	1.82	0.04
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.97	0.54	*	*	0.93	1.00	2	0.77	0.23
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	25.20	*	*	0.00	0.82	2	13.01	12.19
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.52	0.63	*	*	1.00	0.49	2	0.56	0.07
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	0.01	*	*	0.00	0.47	2	0.24	0.23
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	*	0.00	3.12	0.00	3.11	2	3.12	0.01
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	*	*	0.00	0.50	0.00	0.52	2	0.51	0.01
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	*	*	0.00	3.83	0.00	0.88	2	2.36	1.48
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609]	0.21	0.82	0.99	0.90	*	*	2	0.86	0.04
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	0.94	1.00	1.26	*	*	2	1.10	0.16
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	0.88	*	*	0.00	0.70	2	0.79	0.09
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	0.49	0.88	0.87	*	*	2	0.68	0.19

PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	*	*	0.00	1.00	0.00	0.71	2	0.86	0.15
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	1.95	*	*	0.00	11.83	2	6.89	4.94
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.69	0.58	*	*	0.96	1.19	2	0.89	0.31
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	*	*	0.82	1.44	1.00	0.59	2	1.02	0.43
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	0.96	1.00	0.69	*	*	2	0.83	0.14
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	*	0.38	0.85	0.00	1.12	2	0.99	0.13
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.71	0.41	0.89	0.43	*	*	2	0.42	0.01
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	1.63	*	*	0.87	1.52	2	1.58	0.06
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	*	0.00	0.36	0.00	1.18	2	0.77	0.41
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	0.17	0.00	0.25	*	*	2	0.21	0.04
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	0.40	*	*	0.00	1.44	2	0.92	0.52
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	0.71	*	*	0.94	0.27	2	0.49	0.22
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.95	1.41	0.99	1.90	*	*	2	1.66	0.25
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	0.92	*	*	0.89	1.85	2	1.39	0.47
RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	0.62	*	*	0.00	1.99	2	1.31	0.69

RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RYR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	*	*	0.00	0.52	0.00	0.70	2	0.61	0.09
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	0.57	0.00	1.27	*	*	2	0.92	0.35
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	*	*	0.00	3.61	0.00	0.76	2	2.19	1.43
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	*	*	1.00	0.86	1.00	1.07	2	0.97	0.10
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	0.28	0.00	0.31	*	*	2	0.30	0.01
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	0.62	0.99	0.73	*	*	2	0.68	0.05
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	*	0.79	0.92	0.67	1.11	2	1.02	0.09
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	1.18	0.99	0.50	*	*	2	0.84	0.34
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	*	*	0.99	0.71	1.00	0.78	2	0.75	0.04
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.98	0.74	0.97	0.95	*	*	2	0.85	0.11
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	2.02	0.00	*	1.00	1.46	2	1.74	0.28
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	*	*	0.00	6.52	0.66	0.52	2	3.52	3.00
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	1.00	*	*	0.47	1.48	2	1.24	0.24
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	*	*	0.94	5.60	0.95	3.12	2	4.36	1.24

SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	*	*	0.99	1.12	1.00	1.47	2	1.30	0.18
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	*	*	0.67	0.79	0.97	1.04	2	0.92	0.13
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.99	1.40	1.00	1.86	*	*	2	1.63	0.23
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	*	1.00	1.07	1.00	1.02	2	1.05	0.03
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	0.82	1.00	0.51	*	*	2	0.67	0.16
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	*	*	0.99	0.80	0.72	1.74	2	1.27	0.47
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.00	0.47	0.92	0.46	*	*	2	0.47	0.00
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	*	*	0.00	0.79	0.59	0.65	2	0.72	0.07
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	1.00	0.71	0.99	0.84	*	*	2	0.78	0.07
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	13.58	*	*	0.00	2.55	2	8.07	5.52
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.72	1.48	1.00	1.69	*	*	2	1.59	0.11
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	1.57	0.00	0.89	*	*	2	1.23	0.34
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	0.84	1.00	1.36	*	*	2	1.10	0.26

TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	0.92	1.00	0.69	*	*	2	0.81	0.12
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	*	*	0.00	1.07	0.00	0.67	2	0.87	0.20
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	0.59	1.00	0.61	*	*	2	0.60	0.01
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.00	0.88	*	*	0.00	0.67	2	0.78	0.11
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.00	2.11	*	*	0.41	4.06	2	3.09	0.97
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.99	1.30	0.94	1.01	*	*	2	1.16	0.15
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	1.47	*	*	0.00	0.27	2	0.87	0.60
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	*	0.00	1.52	0.00	0.83	2	1.18	0.35
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	*	0.23	1.53	0.00	0.59	2	1.06	0.47
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	0.73	*	*	1.00	0.69	2	0.71	0.02
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	1.09	*	*	0.00	0.86	2	0.98	0.12

VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	*	*	0.00	0.99	0.00	0.30	2	0.65	0.35
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	*	*	0.99	0.51	0.00	0.91	2	0.71	0.20
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	2.38	*	*	0.00	0.89	2	1.64	0.75
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	*	0.38	0.20	0.00	0.69	2	0.45	0.25
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	1.13	0.00	0.34	*	*	2	0.74	0.40
ZNF6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.44	1.76	*	*	0.59	1.12	2	1.44	0.32
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.27	1.25	0.00	0.56	*	*	2	0.91	0.35

**Table 3. MCI mitochondrial samples
Experiment 1**

Description	A = Protein Score				E = XPress Peptides				Peptide Sequence	H
	A	B	C	D	E	F	G			
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.37	26.12	1.52	0.00	1	3	3	IEAELQDIC[339]NDVLELLDKYLIPNATQPESK	1	
							2	IEAELQDIC[339]NDVLELLDK	1	
							3	LAEQAERYDDMAAMK	1	
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.58	16.08	0.49	0.00	1	2	2	LIC[330]C[330]DILDVLDK	1	
							3	KEAAENSLVAYKAASDIAMTELPPTHPIR	1	
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.61	15.51	0.85	0.29	2	2	2	FLIKNC[330]NDFQYESKVFYLK	1	
							3	ELETVC[339]NDVLSLLDKFLIK	1	
							3	ELETVC[330]NDVLSLLDKFLIK	1	
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	18.29	0.76	0.05	5	2	3	LGLALNYSVFYIEIQNAPEQAC[339]HLAK	1	
							3	ELEAVC[330]QDVLSELLDNLYIK	1	
							2	ELEAVC[339]QDVLSELLDNLYIK	2	
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.96	16.33	0.98	0.00	1	2	2	ELEAVC[330]QDVLSELLDNLYIK	1	
							2	LAEQAERYDDMATC[330]M[147]K	1	
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	12.24	0.75	0.09	3	2	3	SIC[330]TTVLELLDKYLIANATNPESK	1	
							2	IETELRDIC[339]NDVLSLLEK	1	
							2	DIC[339]NDVLSLLEK	1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	11.56	0.91	0.13	2	4	3	IETELRDIC[330]NDVLSLLEK	1	
							2	QAAEDK	2	
							2	LAIIEMYPLLAGQLGVEFFDEK	1	
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	0.00	2.50	7.25	0.00	1	1	2	LNIISNLDLC[339]VNEVIGIR	1	
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1	
							2	C[339]FGFDMDYTLAVYK	1	

6PGD_HUMAN (P52209) 6-phosphogluconate dehydrogenase, decarboxylating (EC 1.1.1.44) [MASS=53008]	0.00	14.73	0.97	0.00	1	4	3 TELDSFLIEITANILKFQDTDGKHELLPK 3 IISYAQGF[M147]LLR 2 MVHNGIEYGDMLIC[330]EAYHLM[147]K 2 C[330]LSSLKDER	1 1 1 1
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	*	1.70	*	*	*	1	2 DVSVQVEM[147]SSAISK 2 NLDKEYLPIGGLAEFC[330]K	1 2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.32	0.14	6	4	1 VGAFTM[147]VC[339]K 2 VGAFTM[147]VC[339]K 2 TC[339]GDFDTGAVEDISK 2 HFIEQGINVC[339]LC[339]QSYAK 3 KLSTAM[147]ALIGPPVFLDEPTTGM[147]DPKAR	1 1 2 1 2
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	*	5.00	*	*	*	5	2 NQLGTGYLTLVK 3 SVVLTSHSM[147]EEC[330]EALC[339]TRMAIM[147]VNGR 2 YGGFSLGVSNTQALPPSQEVNDATK 2 PFTEDDAADPNDSIDIPESR	1 1 1 1
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	*	3.67	*	*	*	1	3 APLAPRWSPSAWC[330]WVGGALLGPMVLSK	1
ABCG1_HUMAN (P45844) ATP-binding cassette sub-family G member 1 (White protein homolog) (ATP-binding cassette transporter 8) [MASS=75592]	*	9.00	*	*	*	3	2 PSEEVKQTK 3 SVC[339]VSVDEVVSSNMEATETDLLNGHLK 3 EGM[147]C[339]DSDHKRDLGGDAEVNPFVWHR	1 1 1
ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	*	4.10	*	*	*	1	2 LGC[330]LPGGLRVLVQTGHR	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	8.50	*	*	*	1	3 QAWVTPFTSGDKIGC[330]FALSEPGNGSDAGAASTAR	1

ACHB2_HUMAN (P17787) Neuronal acetylcholine receptor protein subunit beta-2 precursor [MASS=57019]	0.00	2.99	0.42	0.00	1	1	2	RC[330]GPVALLLGFGLLR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEKDLR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	7.95	1.28	0.03	6	3			
							2	MSPLSIVTALVDKIDMC[330]K	1
							3	FGRILEDLDSLGLVIC[339]YM[147]HNKIHSK	1
							2	SLEIC[339]HPQER	1
							2	SLEIC[330]HPQER	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	13.30	1.41	0.00	2	3			
							3	LMC[339]PQEIVDYIADKK	1
							3	VTQLC[330]RQYSDEM[147]PPLTLEGIQDRVLYVLK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	0.99	27.56	1.23	0.00	1	2			
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
							2	C[330]DVIDIRK	2
							2	C[339]DVIDIRK	2
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	17.07	0.57	0.25	13	4			
							3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							1	C[330]DVIDIR	1
							2	LC[330]YVALDFEQEM[147]ATAASSSLEK	1
							2	C[330]DVIDIR	1
							3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIMK	1
							2	LC[330]YVALDFEQEMATAASSSLEK	1
							3	C[339]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.82	2.93	0.14	0.00	1	1			
							2	YC[339]FPNYVGRPK	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	0.00	4.55	0.89	0.00	1	2			
							3	EGIC[339]NGFTALC[339]PASDPK	1
							3	HTQVC[330]INGQC[330]AGSIC[330]JEK	1

ADA20_HUMAN (O43506) ADAM 20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 20) [MASS=81710]	*	6.06	*	*	*	2	2 3	LKYC[330]GNLNVVEEGEEEC[339]DC[330]GTIR FGHC[330]GIVGTTYVKC[339]WTPDIMC[339]GR	1 1
ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	0.00	3.87	1.16	0.00	1	2	1 3	HQSSREK VAGTMAHEMGNHFGM[147]FHDDYSC[339]JK	1 1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	5.99	1.97	0.00	1	2	3 2	M[147]WRVLFLLSGLGGLRMSNFDSLPPVQITVPEK SVVMVSTC[339]TGLR	1 1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	0.00	5.82	0.50	0.00	1	3	2 3 3	RFLTFQR SPSAGLWC[330]PVFFVYIAYTLLPIRMR LM[147]EQMKHINEHSFNNFQM[147]KIGLNM[147]GPVVAGVIGAR	1 1 1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenyl cyclase 7) [MASS=120308]	*	2.59	*	*	*	2	2 2	C[339]MPDNNFHSLYVKR C[330]C[330]PARGTLC[330]TISER	1 1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	0.00	5.63	*	*	*	2	3 3	PNLNSTGVNMMSSVHLQNNYGVKSVGQGYSVGQSM[147]R C[330]IHC[330]LGVYTSNM[147]TASTITLHLVHC[339]R	1 1

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	4
								2	VKLLLQVQHASK	1
								2	EFHGLGDC[339]IHK	1
								1	EFHGLGDC[339]IHK	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	19.19	1.04	0.13	20	4		2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								2	EFHGLGDC[330]IHK	1
								2	MM[147]MQSGR	1
								1	EFHGLGDC[330]IHK	3
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.87	2.69	*	*	*	1	1	1	GLGDC[330]LVK	1
ADT3_HUMAN	0.87	5.39	1.17	0.00	1	1	2	2	GLGDC[339]LVKITKSDGIR	1
AFAM_HUMAN (P43652) Afamin precursor (Alpha-albumin) (Alpha-Alb) [MASS=69069]	*	3.51	*	*	*	1	2	2	FTDSENV[339]QERDADPDTFFAK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor-associated protein) [MASS=127458]	*	5.93	*	*	*	4	2	2	VM[147]GPLIFNASIM[147]TDLVRYTR	1
							2	2	YKSTKSSQK	1
							2	2	LSPGNSGNYSSGASSASAGSSVTIPQK	1
							2	2	C[330]ESLLYLRLFK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	4.64	*	*	*	2	2	2	ASEEIFFGR	1
							2	2	KVTQSAYAQIVQFGMNEKVGQISFDLPR	1

AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	*	3.32	*	*	*	4	2	EAVEEEGHQLELIASHK	1
							3	C[339]KALMDSLDDSNNTAGK	1
							2	NSSHTELGTKRENK	1
							3	SKHQTTTELQPDVPPHERILASASHEM[147]DR	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	4.17	*	*	*	9	2	LFKDDM[147]EK	1
							2	LEQLRAELDEMYGQQIVQM[147]KQELIR	1
							2	EELIFAQEEKIKELQK	1
							1	PTNLLR	1
							3	PSQELLEYNIQKQSQMLEM[147]QVELSSMKDR	1
							1	EELGLILEEK[C339]ALQR	1
							3	SLENQTYFKSFEENGKGSIIINLETR	1
							2	PELSLEVQLQAERDAIDR	1
							3	LLGELQEQIVQKNQEIKNMK	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	0.00	3.54	*	*	*	1	3	FYGAEIVSALDYHSEK	1
AL2S8_HUMAN (Q8N187) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein (Calcium-response factor) (CaRF) (Protein NYD-SP24) [MASS=80697]	*	4.00	*	*	*	1	3	SQYVPYDGIPFVNAGSRAVVM[147]EC[330]QYGPRR	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	22.99	0.62	0.22	6	9	2	NLGKVGSKC[330]C[330]K	1
							1	RDAHK	1
							2	WVTFISLLFLFSSAYSARGVFR	1
							2	ADDKETC[330]FAEEGKK	1
							3	MPC[330]AEDYLSVVLNQLC[330]VLHEK	2
							3	QEPERNEC[330]FLQHKDDNPNLPR	1
							2	FQNALLVRYTKK	1
							3	VHTEC[330]C[330]HGDILLEC[330]ADDRADLAK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	2.13	1.74	0.00	2	1	2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	31.40	0.61	0.28	10	7	3	RLQSIGTENTEENRR	1
							2	C[330]QYVTEK	1
							3	QLLLTADDRVNPC[339]IGGVILFHETLYQK	1
							3	YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1
							3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	2
							2	VNPC[330]IGGVILFHETLYQK	1
							2	RC[330]QYVTEK	1
							2	ALANSLAC[330]QGK	2
							2	VNPC[339]IGGVILFHETLYQK	1
							1	C[330]QYVTEK	1
ALDOB_HUMAN (P05062) Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) [MASS=39342]	0.00	3.31	*	*	*	1	3	PNM[147]VTAGHAC[339]TK	1
ALG12_HUMAN (Q9BV10) Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase (EC 2.4.1.-) (Mannosyltransferase ALG12 homolog) (hALG12) (Membrane protein SB87) [MASS=54654]	*	9.63	*	*	*	2	3	VLASVVGTTGVSLNLTQLPPFNVHLQTKLVLLER	1
							3	FLQNSAWRYDKR	1
ALG6_HUMAN (Q9Y672) Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase (EC 2.4.1.-) (Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase) [MASS=58180]	*	10.85	*	*	*	2	3	DELLM[147]PSVVTTMAFFIAC[339]VTSFSIFEK	1
							3	IKDILPRHIQLIM[147]SFC[339]FTFLSLLPAC[339]IK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	1.34	*	*	*	3	2	PIVIYKQAFPEGHLPEESLK	1
							3	GM[147]GC[330]KPEAVC[339]SHIIIESHEK	1
							3	HVNLSASLDQNNSHFK	1
ALU7_HUMAN (P39194) Alu subfamily SQ sequence contamination warning entry [MASS=64513]	*	3.54	*	*	*	1	2	LPGSSDSPASASRVAGITGAR	1
AMOL1_HUMAN (Q8IY63) Angiotin-like protein 1 [MASS=106573]	*	2.30	*	*	*	1	3	HGNGQPANM[147]PEYNAPALLELVR	1
AMOT_HUMAN (Q4VCS5) Angiotin [MASS=118085]	*	1.11	*	*	*	1	3	GSLGILLGGDYR	1
ANGL1_HUMAN (O95841) Angiotin-related protein 1 precursor (Angiotin-like 1) (Angiotin-3) (ANG-3) [MASS=56719]	0.00	4.68	0.44	0.00	1	1	2	ITGPIC[330]VNTKGQDASTIKDMITR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	4.99	0.94	0.00	1	10	1	VSSIGVK	1
							3	SRDVEVLEGGKPIYVDC[330]FGNLVPLTK	1
							3	DSLEASPVLEDNSSHKTPDSLEPSPLKESPC[339]R	1
							3	VEQQLSDLDTSVQKTVAPQGQDM[147]ASIAPDNRSK	1
							3	ALPLPEASVKTDGTESKPPQGVIR	1
							3	IENPNSLQDQSQYLLKIWLER	1
							2	SYTETETESR	1
							3	MADEQGDMDLQISPRK	1
							3	C[330]TAPTRVTC[330]R	1
							2	IRVGLQAQPMHSELVKK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.72	*	*	*	7	2	STLGASTTSSVKSISDVASPIRSLR	1
							2	QTTVEETAVER	1
							2	KRYSYLTEPGM[147]IER	1
							3	TRDGLTPLHC[339]GAR	1
							3	IPVKNTPRDNIIAVR	1
							3	NATTDALTSVLTINR	1
							2	AEEKAPSLPSSPEKM[147]VLSQQTEDSK	1
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	5.49	0.22	0.00	1	2	2	AELGSVQDKM[147]NTKLGQM[147]ENK	1
							2	AGC[330]DLDVQDDGDQTALHR	1
ANM1_HUMAN (Q99873) Protein arginine N-methyltransferase 1 (EC 2.1.1.-) (Interferon receptor 1-bound protein 4) [MASS=41485]	0.00	3.60	0.89	0.00	1	1	2	GQLC[330]ELSC[330]STDYR	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	6.21	*	*	*	2	2	ITRTSMC[330]TAIAGYFDIYFEK	1
							3	SEHQFNIDSM[147]VHK	2
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	0.30	*	*	*	1	2	EKVFEKHK	1
ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	*	2.62	*	*	*	3	2	GETPLHMAAIRGDVKQVK	1
							2	RLVNDDLMTQSFERMLSLK	1
							2	DEDHSPTFENSDC[330]TLKK	1
ANR28_HUMAN (O15084) Ankyrin repeat domain-containing protein 28 [MASS=116528]	0.00	4.33	1.22	0.00	1	2	3	TPLHM[147]TALHGRFSRSQTIIQSGAVIDC[330]EDK	1
							2	C[330]AEALVPLLSNVNVS DR	1

ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	*	5.86	*	*	*	2	3	KLLSSGQLYSIVSSLSNEHVLSAGFDINTPDNLGR	1
							3	NC[339]SIAAAKTVGGC[339]GALPHGASC[339]PYSQER	1
ANRA2_HUMAN (Q9H9E1) Ankyrin repeat family A protein 2 (RFXANK-like 2) [MASS=34272]	0.00	7.03	*	*	*	1	2	IEHPLDPNSEEKSAQGVAMGMK	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.92	7.10	1.68	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	9.23	0.54	0.08	3	4	2	QRQEV[339]QSYK	1
							2	ALIEILATRTNAEIRAINAYK	1
							2	SELDMLDIREIFRTK	1
							2	QRQEV[330]QSYK	1
							2	LIVGLM[147]RPPAYC[330]DAK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta large) [MASS=104606]	0.00	5.69	*	*	*	5	2	C[330]LKDEDPYVRK	1
							2	DDREAQ[330]ER	1
							2	C[339]AIKVEQSAER	1
							2	C[330]VSTLLDLIQTK	1
							2	KTAAVC[339]VAK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote) [MASS=107554]	0.00	1.94	*	*	*	2	2	SKFKGDK	1
							2	AC[339]NQLGQFLQHR	1
							2	AC[330]NQLGQFLQHR	1
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote) [MASS=103960]	1.00	7.24	0.70	0.02	3	3	2	NPTFMGLALHC[330]IASVGSR	1
							2	IVTSASTDLQDYTYFVPAPWLSVKLLR	1
							2	SSPLIQFHLLHSHKFLC[339]SVPTR	1

AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	7.26	0.74	0.12	6	3	2	EC[330]HLNADTVSSK	1
							3	SQPDMAIMAVNSFVKDC[330]EDPNPLIRALAVR	1
							2	NNIDVFYFSC[330]LIPLNVLFVEDGKM[147]ER	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	0.57	10.34	4.60	0.00	1	2	2	QSIAIDDC[330]TFHQQC[330]VR	1
							3	RNELFLDVLESVNLLM[147]SPQGQVLSAHVSGR	1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	*	4.62	*	*	*	2	3	ILKLEVLTLNLANETNIPTVLRREFQTYIR	1
							3	EQGKLM[147]GMNEITEKLM[147]LPDTC[330]R	1
AP3D1_HUMAN (O14617) AP-3 complex subunit delta-1 (Adapter-related protein complex 3 subunit delta-1) (Delta-adaptin 3) (AP-3 complex subunit delta) (Delta-adaptin) [MASS=130157]	*	1.30	*	*	*	1	2	DLILQC[330]LDDKDESIR	1
							2	DLILQC[339]LDDKDESIR	1
APEX2_HUMAN (Q9UBZ4) DNA-(apurinic or apyrimidinic site) lyase 2 (EC 4.2.99.18) (Apurinic-apyrimidinic endonuclease 2) (AP endonuclease 2) (APEX nuclease 2) (APEX nuclease-like 2) (AP endonuclease XTH2) [MASS=57400]	*	5.79	*	*	*	2	3	ALDSEGRALLTQHK	1
							2	PQPSQVGSSRGQKNLK	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	0.98	15.62	0.95	0.00	1	4	1	VYVSGLM[147]K	2
							3	LFSQETVM[147]KFVPRYSLVLELSDSGAFR	1
							3	TRDDEPVC[339]GRPLGIR	1
							3	PQVVTTTTDGGQAPEAK	1
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	*	0.55	*	*	*	1	3	GTYSTTVTGRTC[339]QAWSSM[147]TPHQHSR	1

APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.63	6.35	0.52	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	*	6.94	*	*	*	1	2	LSKELQAAQARLGADM[147]EDVC[330]GR	1
AQP1_HUMAN (P29972) Aquaporin-1 (AQP-1) (Aquaporin-CHIP) (Water channel protein for red blood cells and kidney proximal tubule) (Urine water channel) [MASS=28395]	0.99	12.31	0.47	0.00	1	1	3	DLGGSAPLAIGLSVALGHLLAIDYTG[330]GINPAR	1
ARF3_HUMAN (P61204) ADP-ribosylation factor 3 [MASS=20469]	0.00	16.11	0.53	0.00	1	1	2	HRNWWYIQATC[330]ATSGDGLYEGLDWLANQLK	1
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	0.00	6.27	0.27	0.00	1	2	2	DAEEPSNKR	1
							2	ANC[330]SLELPPASGPAKDAEEPSNKR	1
ARHG8_HUMAN (Q7Z628) Neuroepithelial cell-transforming gene 1 protein (p65 Net1 proto-oncogene) (Rho guanine nucleotide exchange factor 8) [MASS=67740]	*	2.52	*	*	*	1	2	LNAYRGYC[330]SNQLAAK	2
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	0.00	2.70	0.59	0.00	1	2	3	VFM[147]LNDVLM[147]C[330]ATVSSRPSHDSRVMSQR	1
							2	MRPPGFSLR	1
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	*	3.85	*	*	*	1	3	SLQLEAQTQRIHEKIQER	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	3.34	*	*	*	3	2	SEVATIDRRR	1
							3	TSDC[339]IGSEGM[147]K	1
							2	LTDASWYTVVFDGDLRR	1
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	*	2.40	*	*	*	1	2	DPEQEVEKFVTSNTQELGKDK	1
ARSG_HUMAN (Q96EG1) Arylsulfatase G precursor (EC 3.1.6.-) (ASG) [MASS=57060]	*	6.29	*	*	*	1	3	DC[330]YTDVALPLYENLNIVEQPVNLSSLAQKYAEK	1
ASCL3_HUMAN (Q9NQ33) Achaete-scute homolog 3 (bHLH transcriptional regulator Sgn-1) [MASS=20797]	0.82	6.67	0.46	0.00	1	1	3	GC[330]EYSYGPAFTR	1

AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+)-ATPase subunit alpha) [MASS=115898]	0.00	7.97	*	*	*	4	3	ADIGIAMGIAGSDAAK	2
							3	LIIVEGC[339]QRQDAVVAVTGDGVNDSPALK	1
							2	LIIVEGC[330]QR	2
							3	YGTDIIMGLSSTRAAELLARDGPNSLTPPK	1
							2	NLEAVETLGSTSTIC[339]SDK	1
							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							1	M[147]GKGVGR	1
							2	IAGLC[330]NR	2
							AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ATPase 1) [MASS=112895]	1.00	16.62
2	NLEAVETLGSTSTIC[330]SDK	1							
2	IISANGC[339]K	1							
1	IISANGC[330]K	1							
3	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1							
3	AVAGDASESALLKC[330]IELC[339]C[339]GSVKEM[147]R	1							
2	AC[330]VVHGSDLK	1							
2	C[330]SSILLHGK	1							
2	AC[339]VVHGSDLK	1							
2	IISANGC[330]K	3							
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ATPase 2) [MASS=112265]	0.82	4.41	0.37	0.00	1	3	2	IISSHGC[339]K	1
							2	AC[330]VVHGSDLKDMTSEQLDEILK	1
							3	NIC[330]FFSTNC[330]VEGTAR	1
							2	AC[330]VVHGSDLKDM[147]TSEQLDDILK	1

								2	YNTDC[339]VQGLTHSK	1
								2	C[339]IELSSGSVKLMR	1
								2	NITFFSTNC[330]VEGTAR	2
								2	VLGFC[330]HYYLPEEQFPK	3
								2	AC[330]VIHGTDLK	1
								2	M[147]SVEEVC[330]R	1
								1	C[330]STILLQ GK	1
								2	SPDC[339]THDNPLETR	1
								3	AC[330]VIHGTDLKDF TSEQIDEILQNHTEIVFAR	1
								2	VLGFC[339]HYYLPEEQFPK	1
								2	MSVEEVC[330]RK	1
								2	YNTDC[330]VQGLTHSK	2
								2	IISAHGC[339]K	1
								2	AC[339]VIHGTDLK	1
								2	KYNTDC[339]VQGLTHSK	1
								2	M[147]SVEEVC[330]RK	1
								2	SPDC[330]THDNPLETR	1
								2	M[147]SVEEVC[339]R	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	15.70	0.50	0.65	22	12				
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na ⁺ /K ⁺ ATPase 4) [MASS=114166]	0.00	2.33	*	*	*	1	3	EVVMDDHKL TLEELSTKYSVDLTK		1
								2	YNPNVLPVQC[330]TGKR	1
								1	EGKPC[330]IIIK	1
								3	DSAQRDDM[147]IFEDC[330]GDVPSEPKER	1
								3	DSAQRDDM[147]IFEDC[330]GDVPSEPK	1
								2	YKDSAQRDDM[147]IFEDC[330]GDVPSEPK	1
								2	EGKPC[330]IIIK	1
								3	YKDSAQRDDM[147]IFEDC[339]GDVPSEPK	1
								2	DSAQRDDM[147]IFEDC[330]GDVPSEPK	1
								2	YNPNVLPVQC[330]TGK	4
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	33.99	0.47	0.25	16	6				
								2	YNPNVLPVQC[339]TGK	4

AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	*	2.76	*	*	*	1	2	NDVC[339]RPGR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	4.41	0.89	0.07	4	4	2 C[330]THIR 2 NYLEPGKEC[330]VQPATK 2 VSFYQLSHFLQC[330]K 2 SM[147]SVYC[330]TPNKPSR	1 1 1 1	
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	2.94	0.84	0.00	1	2	3 RDYQDVRNEIPEEALYK 3 C[330]GILHPGEDFLC[330]LEGKDFNR	1 1	
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	9.49	0.66	0.05	3	6	2 NESSHGGFEFGC[330]TM[147]EELR 3 M[147]LVTAVGVNSQTGIIFTLGAGGEEEEKK 2 C[330]GIHPGEDFLC[330]LEGK 3 ETYGDTEAIC[330]RR 3 EEIPEEELNEDVEEIDHAERELRR 2 TEC[339]GLLGFVLDLQDYEPVR	1 1 1 1 1 1	
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.99	1.61	0.55	0.00	1	1	3 TEC[330]ALLGFVTDLQDYQAVR	1	
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1 C[339]IADLK 1 C[330]IADLK	3 1	
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	0.99	4.64	0.81	0.00	1	4	1 M[147]PTM[147]RR 2 FC[330]NNHVSTAK 3 TIFINQPQLTKFC[339]NNHVSTAK 2 YPELYKTSQNALDFNTK	1 1 1 1	

ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	6.55	*	*	*	5	2	FDSVGGLSNHIAALK	1
							3	LITNTAEAVLQKMDDMK	1
							3	SLRARNIVQSTEHLHEDNGDVEVR	1
							2	PRILIVGEPFGQGSHLAPAVIHAEK	1
							2	EILKIHDR	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	*	10.94	*	*	*	2	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
							2	LWFTYRKNFPAIGGTGPTSDTGWGC[339]MLR	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	0.00	5.12	0.73	0.00	1	2	2	C[339]C[339]PAIGTLYNTNTLESFK	1
							2	GGM[147]GPRMVNLSEC[330]M[147]DPKR	1
ATL1_HUMAN (Q8N6G6) ADAMTS-like protein 1 precursor (ADAMTSL-1) (Punctin-1) [MASS=58416]	0.00	11.81	1.11	0.00	1	4	2	TC[339]GGGASYSLRR	1
							2	SNRVVADQYC[330]HYYPENIK	1
							2	MAGPLTADFIVKIR	1
							3	WLAQEWSPC[330]TVTC[330]GQGLR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	0.35	2.45	0.67	0.00	1	4	1	LNDSLK	1
							3	VAQSC[330]AAHFTALLYAEIYADKKSMDDEK	1
							3	KLDASC[330]AANNPSLKLTYTEC[330]LR	1
							2	MTTDPM[147]LAYLQPFRTSRK	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidoluysian atrophy protein) [MASS=124773]	*	1.94	*	*	*	2	2	ERELERSVK	1
							3	VEEASTPKVVKQGR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.89	16.18	1.02	0.00	1	1	2	IC[330]SLHSLPPQS	1
							1	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	7.59	1.30	0.03	7	2	1	LYC[339]IYVAIGQK	1
							2	LYC[339]IYVAIGQK	2
							1	LYC[330]IYVAIGQK	2
							3	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
							2	LYC[330]IYVAIGQK	1
ATPB_HUMAN (P06576) ATP synthase beta chain, mitochondrial precursor (EC 3.6.3.14) [MASS=56559]	*	6.62	*	*	*	1	3	AIAELGIYPAVDPLDSTSRIM[147]DPNIVGSEHYDVAR	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	11.07	1.19	0.04	4	3	1	GLC[330]GAIHSSIAK	1
							2	HLLIGVSSDR	1
							2	SEVATLTAAGK	1
							2	GLC[330]GAIHSSIAK	2
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	*	5.14	*	*	*	7	2	GLC[339]GAIHSSIAK	1
							3	YATDSETVEPIISQLVTVLLKGC[330]QDANSQAR	1
							3	HLVEM[147]DTDQLKLYEEPLSK	1
							2	KMALNSLM[147]SLMKLMGPK	1
							2	MALNSLSMLMKLMGPKHVSSVR	1
							2	GSC[339]IEFSNWIITRLLR	1
							3	FLDLIPQDTLAVASFRSKAYTR	1
2	FLDLIPQDTLAVASFRSKAYTR	1							
1	ISLKGSDGK	2							
ATS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	0.00	3.99	2.85	0.00	1	2	2	C[339]SAQC[339]AGGSQVQAVEC[339]R	1
							3	GQDPAKLMAAHITM[147]KTNPFWSSC[330]NR	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	3.43	0.86	0.00	1	2	3	NEPC[339]DTLGFAPISGMC[330]SKYR	1
							3	YMPQPPKEDLFILPDEYKSC[339]LR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	0.00	4.66	0.29	0.00	1	2	2	GRNPSDLSSWSSC[330]SRDDLENFLK	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
ATS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	0.00	4.34	0.58	0.00	1	2	3	KAEGNIMSPTLTGNNGVFSWSSC[339]SRQYLK	1
							3	AEGNIMSPTLTGNNGVFSWSSC[330]SR	1
ATS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	*	1.41	*	*	*	2	3	SSEALEPM[147]PFR	1
							2	VNEFGEVFPQSHHFSR	1

ATS8_HUMAN (Q9UP79) ADAMTS-8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 8) (ADAM-TS 8) (ADAM-TS8) (METH-2) (METH-8) [MASS=96671]	*	1.46	*	*	*	1	2	C[330]GVC[339]GGKGNCS[330]RK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	0.88	*	*	*	1	3	TPDSGLAQHPFQNEYR	1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	*	6.78	*	*	*	1	3	LVAAC[339]SAWLC[330]PGLRLPGSLAGR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	0.00	6.82	0.19	0.00	1	3	3 FFC[330]LLLGPC[339]MLGKGYHEMGR 2 DDIVSM[147]DLGLINASLLPPEC[330]TR 3 STPAAIIFPLMLLGLVGVKALER	1 1 1	
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	*	5.65	*	*	*	1	2	C[330]AQPVFLLLVIKSSPSNYVRR	1
BARD1_HUMAN (Q99728) BRCA1-associated RING domain protein 1 (BARD-1) [MASS=86619]	0.00	9.65	0.66	0.00	1	4	3 DHAGWTPLHEAC[330]NHGHLK 2 NAVNIFGLR 3 C[330]MLGILNGC[339]WILKFEWVKAC[339]LR 2 NSNM[147]SDEFISLSPGTPPSTLSSSYR	1 1 1 1	
BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	*	8.26	*	*	*	2	3 ALEKHADSILALASVFWWSISYSSPF AFFYLYR 2 QHLNLLNNAEQLC[339]R	1 1	

BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	3.13	*	*	*	2	2	GIC[339]PKQENIAGPC[330]R HM[147]KTHGQIGKEVYR	1 1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	*	6.42	*	*	*	3	2	GNLLRNKEK	2
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	*	5.21	*	*	*	1	3	C[339]ETC[330]GSRFVQVAHLRAHVLIHTGEK	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.00	*	*	*	1	3	FFWDNKFHDHAM[147]VAFLDC[330]VQQFKEEVEK	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	0.00	3.25	1.62	0.00	1	2	2	SWSEESLKPSDNEQGLPVFSGSPPMK YSLNMYKALLPQQSYSLAQPLYSPVC[330]TNGER	1 1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	*	16.91	*	*	*	3	2	M[147]ANPARSPYC[330]ITKFGVEAFSDC[330]LR	1
							2	M[147]QIM[147]THLPGAISDMIYIR	1
							3	VVNISMLGRMANPAR	1
BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase) (Histo-blood group A trans [MASS=40934]	*	6.21	*	*	*	1	3	PMILFLIMLVLVFGYGVLSPR	1
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	*	2.70	*	*	*	2	2	FNKEVMYAYVDQHDFSGK	1
							3	NLINQTTAKATLTQMLNVIFARMENQALQEAK	1

BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	*	5.94	*	*	*	5	2	QRLGTAAPPKANFIEADK	1
							3	LTDQEIGDGKGLDMAR	1
							3	FKAHASM[147]YYPYLC[330]EIM[147]QFDLPELR	1
							2	VLQEYTSDDMNVAPGDR	1
							3	RC[339]SVTSMESTVSSGTQTTVQDDPEQFEVIK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	0.00	2.65	35.37	0.00	1	7	2	RVEIMAQC[339]EEWIADIQQYSSDK	1
							2	M[147]KTC[330]VDTYTNR	1
							2	M[147]PITADLVAPILR	1
							2	HFYLKR	1
							3	ETFTSWPHVGYRWAQPDMAQAGFYHQPASSGDDR	1
							3	RVEIMAQC[330]EEWIADIQQYSSDKR	1
2	RPTLAWLEDSSSC[330]SDIPK	1							
BIRC7_HUMAN (Q96CA5) Baculoviral IAP repeat-containing protein 7 (Kidney inhibitor of apoptosis protein) (KIAP) (Melanoma inhibitor of apoptosis protein) (ML-IAP) (Livin) [MASS=32798]	*	5.70	*	*	*	1	3	PLTEEEEEEGAGATLSR	1
BPL1_HUMAN (P50747) Biotin--protein ligase (EC 6.3.4.-) (Biotin apo-protein ligase) [Includes: Biotin--[methylmalonyl-CoA-carboxytransferase] ligase (EC 6.3.4.9); Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase (EC 6.3.4.10) (Holocarboxylase) [MASS=80759]	*	2.48	*	*	*	1	3	YEVLR EILTTLGLSC[339]DMK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	1.73	*	*	*	3	2	EAC[339]KDLELAC[339]ETIEITAAPK	1
							3	EQGLTLPYQSPVKELDKFK	1
							2	AGKEEFYRALC[339]DTPGVDPK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	*	2.36	*	*	*	1	3	ANC[330]YTAFHVTC[339]AQKAGLYM[147]KMEPVK	1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	8.25	0.89	0.17	3	5	3	LSNPLDIC[330]YDVLC[330]ENAYFQKFQLER	1
							3	LVATNMIANGKLAEGVQLLC[330]LIDKAADAC[339]R	1
							3	WVDHLC[330]SPQVNQK	1
							2	ILDVDWC[330]TSDK	1
							2	ALLVLLSLGC[330]FFSVAETLHSMR	1
							2	ALLVLLSLGC[330]FFSVAETLHSM[147]R	1
BTBD8_HUMAN (Q5XKL5) BTB/POZ domain-containing protein 8 [MASS=42774]	0.00	6.08	0.98	0.00	1	1	2	M[147]ARC[330]GEGSAAPMVLLGSAGVC[330]SK	1

BTBD9_HUMAN (Q96Q07) BTB/POZ domain-containing protein 9 [MASS=69187]	0.00	4.41	0.10	0.00	1	1	2	IVGTHNTANEFVHC[330]VHFEC[330]PEQQSSQK	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	*	5.62	*	*	*	4	3	PVSSYPNTFEWQC[330]KLPAIK	1
							2	EGC[330]JETHK	1
							3	SSGAWGVNKKISSLSSAFHFVFDGK	1
							3	HEQWVNEDR	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.20	2.27	1.26	0.00	1	2	2	QLGC[339]GENGVVSLAPLSK	1
							2	SDAGVIC[330]SDKADLDR	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.99	9.57	1.11	0.05	2	1	3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.03	0.02	4	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	2
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	0.00	3.56	*	*	*	1	2	C[339]SLEFLEDAVGC[330]APAQR	1
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	*	3.59	*	*	*	4	3	SNSSWLEEFM[147]ERSSENTYKSR	1
							2	HHM[147]SM[147]WEPRSSHLRER	1
							3	ETGKAM[147]VPHSSMFIFSTTNPIRR	1
							3	NAPMFQRMEPSSLPQEIIANAK	1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	*	3.10	*	*	*	3	3	M[147]HKTC[339]YFLGSDMEAEEDPSPC[330]ASSGSGR	1
							3	PGDAPHTGGKPGGFDVKALR	1
							3	QC[339]VEYALKAQPLR	1
							3	M[147]HKTC[330]YFLGSDM[147]EAEEDPSPC[339]ASSGSGR	1

CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	*	3.24	*	*	*	5	2	QRESQLMREQR	1
							2	HKYNFDNLGQALM[147]SLFVLASK	1
							2	M[147]DEEEDGAGAEESGQPR	1
							1	ILGM[147]LR	1
							2	ALRPDDPPLDGDDADDEGNLSK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	8.16	0.72	0.03	2	4	3	TSIRDPC[330]AGPVC[330]DC[330]KR	1
							3	SFSGVLDC[330]GNC[339]SRIFHGEK	1
							3	GTC[339]PC[339]DTRLLIQAEQTS DGPNPC[330]DM[147]VK	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1
CAD15_HUMAN (P55291) Muscle-cadherin precursor (M-cadherin) (Cadherin-15) (Cadherin-14) [MASS=88915]	*	3.81	*	*	*	2	3	DYDPEDWLQVDAATGR	1
							3	HPTALSPLGPPPLR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.99	2.03	0.96	0.00	1	1	2	C[330]GEDYKLHFIFR	1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	*	3.47	*	*	*	3	3	LQGVLDSTLNSKTYETIR	1
							3	GC[339]HRHLC[339]YLRDLLER	1
							2	FVTILEGLAKLSR	1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	*	5.43	*	*	*	5	2	IEGVRHRLAR	1
							3	ILLDILEHDWR	1
							3	LSILFPFPPSAGSILR	1
							1	PEGLLAR	1
							2	ARGPPPGAEKEK	1
CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	*	3.75	*	*	*	3	3	DLIKSNIYPIVLFIR	1
							3	SRSSIMSITAEPGNDIVRR	1
							1	SLPDSK	4
CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	*	5.25	*	*	*	7	3	TIYSGEENMDITKSHTV AIDNQIFK	1
							3	KNEIKFSDTTQDR	1
							3	TVFYSSC[339]NDAMEMTKC[339]LSNMREEK	1
							3	AQVESC[339]QLNNR	1
							3	TIVFSEDDKNDM[147]DITKSYTIEINHR	1
							3	TPSSC[330]SSSLDSIK	1
1	VRRC[339]SLGIFLPR	1							

CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	0.00	3.90	0.82	0.00	1	3	2	NTIEEVRC[339]STAAHAFK	1
							3	C[339]PDDFWSNENHTSC[330]IAK	1
							2	LLSNKNQFK	1
CATL2_HUMAN (O60911) Cathepsin L2 precursor (EC 3.4.22.43) (Cathepsin V) (Cathepsin U) [MASS=37329]	*	5.69	*	*	*	1	2	HGFTMAMNAFGDM[147]TNEEFR	1
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	*	8.76	*	*	*	1	3	LVC[339]VLLVC[339]SSAVAQLHKDPTLDHWHHLWK	1
CCD37_HUMAN (Q494V2) Coiled-coil domain-containing protein 37 [MASS=71117]	*	8.51	*	*	*	3	2	QWVTTM[147]M[147]M[147]SITK	1
							2	NSLESM[147]NISSSSSTEENPKKQAR	1
							3	M[147]SEIPSTIVSKNM[147]TNDK	1
CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin-G) [MASS=34074]	*	16.95	*	*	*	2	2	VC[330]GLRLIESAHDNGLRMTAR	1
							3	MIEVLTTTDSQKLLHQLNALLEQESRC[339]QPK	1
CCR6_HUMAN (P51684) C-C chemokine receptor type 6 (C-C CKR-6) (CC-CKR-6) (CCR6) (LARC receptor) (GPR-CY4) (GPRCY4) (Chemokine receptor-like 3) (CKR-L3) (DRY6) (G-protein coupled receptor 29) (CD196 antigen) [MASS=42494]	0.00	5.61	0.17	0.00	1	1	2	GIYAINFNC[330]GMLLLTC[330]ISM[147]DR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.54	0.19	4	2	3	LRENELTYYC[330]C[330]JK	1
							2	LRENELTYYC[330]C[330]JK	1
							2	FEHC[330]NFNDVTTR	1
							2	LRENELTYYC[339]C[339]JK	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	16.53	0.48	0.16	6	2	2	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	2
							2	NNLC[330]PSGSNIISNLFK	2
							2	NNLC[339]PSGSNIISNLFK	1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	0.00	7.49	1.07	0.00	1	1	2	TQSGNHPEDWPVYQEGC[330]M[147]EK	1

CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	*	8.51	*	*	*	2	3 2 2	EKFDSVHSKYMGR C[339]GTNTM[147]JERESEQTK C[339]GTNTMERESEQTK	1 1 1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	11.01	0.99	0.10	3	1	3 3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1 2
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.00	25.65	*	*	*	3	3 2 2	M[147]QTIKC[330]VVVGDGAVGK GLKNVFDEAILAALPEPETQPK C[330]VVVGDGAVGK	1 1 1
CDK5_HUMAN (Q00535) Cell division protein kinase 5 (EC 2.7.11.22) (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) (Serine/threonine-protein kinase PSSALRE) [MASS=33304]	*	3.08	*	*	*	1	2	LHDVLHSDK	1
CDK6_HUMAN (Q00534) Cell division protein kinase 6 (EC 2.7.11.22) (Serine/threonine-protein kinase PLSTIRE) [MASS=36938]	*	5.52	*	*	*	1	2	LTLVFEHVDQDLTTYLDK	1
CDKL1_HUMAN (Q00532) Cyclin-dependent kinase-like 1 (EC 2.7.11.22) (Serine/threonine-protein kinase KKIALRE) (Protein kinase p42 KKIALRE) [MASS=41701]	*	8.12	*	*	*	1	3	HHC[330]FTETSKLQYLPQLTGSSILPALDNKK	1
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	*	2.56	*	*	*	3	2 1 2	SAGFIGC[339]RVPESNPK VPESNPK ANGGSPITAFK	1 3 1
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	0.00	2.36	0.30	0.00	1	2	2 2	NAM[147]ASLQGC[339]ETLNAALTSPTR SSC[330]SESADNC[330]KAM[147]K	1 1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	*	0.33	*	*	*	1	2	KHLKGVLGGR	1

CEL2R2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	0.00	3.42	1.53	0.00	1	5	2 3 3 1 3 3	HIDMADFIANNGTVPGC[330]PAK PAGTTVVLISATDEDTGENARITYFMEDSIPQFR LYLNRSLLTAISAQR GILKKK HIDMADFIANNGTVPGC[339]PAK PIINTPVVVISVHDDEELLPRALDK	1 1 1 1 1 1
CEL2R3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	*	3.96	*	*	*	6	2 2 3 3 3 3	NSRGPPEQPNEELGIEHGVQPLGSR LQYPLVPQTRGAPELSWC[339]R QEYVIVVQATSAPLVSR IYAGGGTGSLSQPASRYSSREQLDLLLLR MQVEPRNVDRGAMR HGSAADHTDHSLQAAGPTDLDVAMFHR	1 1 1 1 1 1
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	*	7.03	*	*	*	4	3 2 1 3	KELGAQLHQLVLNSAR DPVTVVVDDLRL ASNAFK EAEAAQQQAGDETYLDIFR	1 1 1 1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	3.21	0.46	0.00	1	2	1 3	KFVSK LM[147]C[330]ELGNDVINRVYEANVEK	1 1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	*	6.59	*	*	*	2	2 2	M[147]AEEM[147]REAEAAPGPPGALAGSPTLQFR VRLEPVLPVC[339]VAALSSVGTLDLDRK	1 1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	1.47	*	*	*	2	2 2	VIEELNVVLQRSRTLPK ALC[339]AAVVK	1 1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	*	6.69	*	*	*	4	3 3 3 3	LSSAYLLGVPVGPSEQPDRAGSLELRGFK PWSGAPETSHRPEK KAETEQHIVKVPASM[147]TAEELTLEILDR AQEGWFSLSGSELR	1 1 1 1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosis) (AH antigen) [MASS=367592]	*	2.52	*	*	*	4	3 2 2 3	QFQLDSLEAAPQKQTQKVENEK ALQAKKASQTLQPATMNRH NNYIVLQSSVNGLIQEVEDGK NLENELELTKM[147]DKM[147]SFVEK	1 1 1 1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	0.00	11.73	0.39	0.00	1	3	2 3 2	NELQLEQSRAANQEQRANDLEQIMESVK NLQELLELDSSSSLC[339]VLVSTVGKLC[330]R TEQEETIASLQM[147]EVC[330]R	1 1 1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	2.25	*	*	*	1	3	SSLLC[330]LQGNVYAGHDWVSSLFMIMLGDK	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	*	8.04	*	*	*	2	3 3	QMKETESHVVC[330]DDIEC[339]ELEC[339]LLKK LEKLDVLEKEC[330]FR	1 1

CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	0.00	8.12	2.43	0.00	1	3	3	WSGQTAIC[330]DNGAGYC[330]SNPGIPIGTRKVGVSQYR	1
							2	LEDSVTYHC[339]SR	1
							3	QLNEINYEDHKLKSGTNTK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	18.15	1.28	0.07	11	6	2	C[339]EFQDAYVLLSEK	1
							2	DGKTLNDELEIIEGM[147]K	1
							2	AAVEEGIVLGGGC[330]ALLR	2
							2	C[339]EFQDAYVLLSEKK	2
							2	C[330]IPALDSLTPANEDQK	1
							2	VVRTALLDAAGVASLLTTAEVWVTEIPK	1
2	AAVEEGIVLGGGC[339]ALLR	2							
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	29.52	1.17	0.04	4	5	2	C[339]IPALDSLTPANEDQK	2
							2	C[330]EFQDAYVLLSEK	1
							2	ERIC[330]SEEER	1
							2	YESHPVC[339]ADLQAK	1
							2	C[339]SALATQYM[147]HC[339]VNHAKQSM[147]LEK	1
							2	EQLARLEER	1
2	RYESHPVC[339]ADLQAK	1							
2	RYESHPVC[330]ADLQAK	1							
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	0.00	3.40	1.49	0.00	1	1	2	C[330]VSAAHKG	1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	*	3.57	*	*	*	4	3	EKSSC[339]DETESDYEPKNK	1
							2	ALSKGSKGSTSGFLNIMM[147]ELK	1
							1	VLIFSQMVR	1
							3	SSGKLILLDKLLIR	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	0.00	7.20	*	*	*	8	3	ASSPTKTSPTTPEASATNSPC[339]TSKPATPAPSEK	1
							1	GKKM[147]APLK	1
							3	EQGHRVLIFSQMTKM[147]LDLLEDFLDYEGYK	1
							3	DDIRLLPSALGVK	1
							1	KMAPLKIK	1
							3	EDQIKLHDLLGPHM[147]LR	1
2	KIPLEDEVPGVPGEM[147]EPEPGYR	1							
2	HRELIM[147]GEDPAQPR	1							

CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	*	2.91	*	*	*	3	2	EAC[330]HIIPHDFHLQAM[147]VRSAGK	1
							2	VKSQSTFDIHKADWIR	1
							3	VLSASEVAALSSPASSAPHSGGKTGM[147]EENR	1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	*	6.25	*	*	*	1	3	VNAC[330]LKKALPVNVK	1
CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	*	4.98	*	*	*	1	2	GQKDVC[339]IVLAK	1
CHSS3_HUMAN (Q70JA7) Chondroitin sulfate synthase 3 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II) (Chondroitin synthase 2) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase) [MASS=100356]	*	4.99	*	*	*	2	3	LGLEPGENFC[330]M[147]GGPGM[147]IFSR	1
							3	LGLEPGENFC[339]M[147]GGPGM[147]IFSREVL	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	*	5.05	*	*	*	1	2	AGAGPSPAGDDVTFPEFLR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	0.00	9.88	0.76	0.00	1	3	2	IKVDDC[339]GK	1
							2	AGGLGGGSVPPAR	1
							2	AGGLGGGSVPPARAR	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	5.22	*	*	*	3	3	TLDQRRALVM[147]QLFQDHGFFPSAQATAAFQAR	1
							2	C[330]KERVTDSESGDSSGEDPEGNK	1
							3	LDSETESDHDDAFLSIM[147]SPEIQLPLPPGKRR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.79	5.58	1.32	0.00	1	2	1	LPC[339]VAAK	1
							3	TVVGQITVDM[147]YGGMRGMK	1
							1	LPC[330]VAAK	1
CJ067_HUMAN (Q8IYJ2) Protein C10orf67 [MASS=21463]	*	11.41	*	*	*	1	2	WVHC[330]FSSSLRGTGTRWEAMK	1

								2	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	IVHAFDM[147]EDLGDKAVYC[330]R	1
								3	KFPFC[339]DGAHTK	1
								2	AVYC[330]R	1
								2	KFPFC[330]DGAHTK	3
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.12	0.06	12	4				
								2	FPPFC[339]DGAHTK	1
								2	KFPFC[339]DGAHTK	2
								1	FPPFC[339]DGAHTK	1
								2	IVHAFDMEDLGDKAVYC[330]R	1
								2	FPPFC[330]DGAHTK	1
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	*	7.30	*	*	*	1		2	ELGVKIAKAVAC[339]HNFVK	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator- binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	0.00	2.38	0.36	0.00	1	3		3	YPM[147]ESDNSFDLFDSSQAVTPK	1
								2	GGC[330]KNGYL RHTESK	1
								2	LHKLF EQEK	1
CLC10_HUMAN (Q8IUN9) C-type lectin domain family 10 member A (C-type lectin superfamily member 14) (Macrophage lectin 2) (CD301 antigen) [MASS=35446]	*	2.53	*	*	*	1		2	EEQNFVQK	1
CLD6_HUMAN (P56747) Claudin-6 (Skullin 2) [MASS=23291]	0.00	14.09	0.90	0.00	1	1		3	M[147]ASAGM[147]QILGVVLTLLGWVNLVSC[330]ALPMWK	1
								2	YESLELC[330]RPVLQQGR	1
								2	RDPHLAC[330]VAYER	1
								2	IHEGC[330]EEPATHNALAK	1
								3	HNIM[147]DFAMPYFIQVMKEYLTK	1
								2	RDPHLAC[339]VAYER	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	5.79	0.51	0.18	9	6		2	IHEGC[339]EEPATHNALAK	1
								3	IHEGC[330]EEPATHNALAK	1
								3	IHEGC[339]EEPATHNALAK	1
								3	VNPSRLPVVIGLLDVDC[330]SESVIK	1
								3	RDPHLAC[330]VAYER	1
								2	AHIAQLC[330]EK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	3.05	*	*	*	2		3	C[339]NEPAVWSQLAQAQLQK	1
								3	GYFEELILLLEAALGLERAHM[147]GMFTELA ILYSK	1
CLIC6_HUMAN (Q96NY7) Chloride intracellular channel 6 [MASS=73011]	0.00	3.12	0.73	0.00	1	1		2	DEFTNTC[330]PADQEIEHAYS DVAK	1

CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=811116]	*	6.20	*	*	*	2	3	TSSEASMDAAYLDKISELDSMMSESDNSK	1
							2	IQSSLSSASPSKATKS	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	10.32	1.01	0.02	5	4	2	AGQTTYSGVIDC[330]FRK	1
							3	NIFLQYASTEVDGERYMTPEDFVQR	1
							2	AGQTTYSGVIDC[339]FRK	1
							2	AGQTTYSGVIDC[330]FR	1
							2	DIPFSAIYFPVYAH[C330]K	2
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.00	2.52	*	*	*	1	2	TGRVTAIDFRDIMVTIR	1
							3	IQDTLDLVMKTLSSHTSC[339]PK	1
							3	IC[330]SFTTFM[147]RNK	5
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	0.00	10.43	1.63	0.00	1	3			
							3	YC[339]ILVLGLAVPDK	1
CN145_HUMAN (Q6ZU80) Protein C14orf145 [MASS=73571]	*	3.21	*	*	*	1	2	EKDELKTQLYAALQQIENLR	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	0.00	6.17	1.07	0.00	1	2	3	PNIRNTSSM[147]AGELR	1
							3	AC[339]C[339]SLGGEGQGPVHM[147]GDPELLGIK	1

								2	RPPGVLHC[339]TTK	4
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	3
								3	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	2
								3	RPPGVLHC[330]TTK	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	3
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	0.95	0.09	33	6		2	RLDEDLAAYC[330]R	1
								1	FC[330]DYGK	4
								2	DKPELQFPFLQDEDTVATLLEC[339]K	1
								2	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	RPPGVLHC[330]TTK	4
								2	LDC[330]AQLK	1
								2	AHITLGC[339]AADVEAVQTGLDLLEILR	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	0.95	0.09	33	6		3	RPPGVLHC[339]TTK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	3
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	2.16	0.53	0.17	3	2		2	VIIEC[330]KPK	1
								2	NDGGIYTC[330]FAENNR	2
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.77	4.62	0.85	0.02	2	4		2	PGRPVPGYR	1
								2	C[330]SPNM[147]C[330]EHDGR	1
								2	C[339]SPNM[147]C[339]EHDGR	1
								3	PMTAELAEALRVQGELSESNC[339]GAM[147]PR	1
								2	LNLDTEM[147]FIGGLVGAARK	1

CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	*	3.36	*	*	*	6	3	GPEASVTQTPVC[330]PRGLADVFLPHATQDNAHR	1
							1	EGRDGPK	1
							2	AGGVGEAGRPGERGER	1
							2	GEPGSNGDQGP	1
							2	FGTREA[339]ER	1
							2	IRDMPYMDPSGNNLGTAVVTAHR	1
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	*	6.37	*	*	*	2	3	FQVVVSTTVSVDGHVLAVSDNM[147]FVHNNSKHGR	1
							2	LRPRAAPPK	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	13.33	0.51	0.27	5	2	2	M[147]LPDKDC[330]R	2
							2	M[147]LPDKDC[339]R	1
							2	HELQANC[330]YEEVKDR	1
							2	MLPDKDC[339]R	1
COG5_HUMAN (Q9UP83) Conserved oligomeric Golgi complex component 5 (13S Golgi transport complex 90 kDa subunit) (GTC-90) (Golgi transport complex 1) [MASS=92718]	*	2.38	*	*	*	1	3	MRLAADFAQME LAVGPFC[339]RR	1
COPA_HUMAN (P53621) Coatomer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	*	8.74	*	*	*	4	3	ALDDKNC[330]WEKLG E VALLQGNHQIVEMC[339]YQR	1
							3	ASNLENSTYDLYTIPKDADSQNPDAPEGKR	1
							2	LGEVALLQGNHQIVEM[147]C[339]YQRTK	1
							3	NC[330]WEKLG E VALLQGNHQIVEMC[330]YQR	1
COPG_HUMAN (Q9Y678) Coatomer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	*	10.41	*	*	*	5	2	ATFYLNVLEQKQK	1
							2	YIRFIYNR	1
							2	VM[147]KLNFEAAWDEVGDEF E KEETFTLSTIK	1
							2	EM[147]SC[330]IAEDVIIVTSSLTKDM[147]TGKEDNYR	1
3	RC[339]VM[147]DDDNEVRDR	1							
COQ5_HUMAN (Q5HYK3) Ubiquinone biosynthesis methyltransferase COQ5, mitochondrial precursor (EC 2.1.1.-) [MASS=37140]	0.00	4.89	1.20	0.00	1	1	2	FLC[339]LEFSQVNNPLISR	1
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	4.97	0.54	0.72	2	2	2	TEC[339]DVREVELMRC[339]LR	1
							3	VAHLGC[339]HSDLVTDLDFSPFDDFLLATGSADR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.25	0.02	2	1	2	C[339]GAHYK	1
							1	C[339]GAHYK	1

COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.99	26.98	0.98	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CPLX1_HUMAN (O14810) Complexin-1 (Complexin I) (CPX I) (Synaphin-2) [MASS=15030]	*	14.93	*	*	*	2	2 1	MEFVMKQALGGATK QGIRDK	1 1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.99	11.19	0.43	0.11	2	1	2	AALEQPC[330]EGSLTRPK	2
CPNE3_HUMAN (O75131) Copine-3 (Copine III) [MASS=60130]	0.62	10.06	2.62	0.00	1	3	2 2 2	SC[330]LPQIKLYGPTNFSPINHVAR EALAQC[339]VLAIEPQQVVGYPNTYK NSGVISVK	1 1 1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	*	1.62	*	*	*	1	2	VSC[330]HGLLDR	1
CRSP8_HUMAN (Q6P2C8) CRSP complex subunit 8 (Cofactor required for Sp1 transcriptional activation subunit 8) (Transcriptional coactivator CRSP34) (P37 TRAP/SMCC/PC2 subunit) [MASS=35432]	0.00	5.47	0.82	0.00	1	1	2	C[330]GKFLQDGLPPTWRDFR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	3.12	1.70	0.00	2	1	2 2	HEQNIDC[339]GGGYVK HEQNIDC[330]GGGYVK	1 1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.98	2.87	0.61	0.00	1	1	2	GVKPAHC[330]EK	1
CS016_HUMAN (Q8ND99) Uncharacterized protein C19orf16 [MASS=60172]	*	11.29	*	*	*	3	2 2 3	TQETDVVEM[147]TTQAKSPESPFTVTKK EKAGPM[147]GSHQGP GPPPC[339]QK ASAASASPRKASAVPAPPQK	1 1 1
CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	*	1.88	*	*	*	1	2	GPDNSMGFGAERKIR	1
CSK11_HUMAN (Q8WXD9) Caskin-1 (CASK-interacting protein 1) [MASS=149813]	0.00	5.31	0.94	0.00	1	3	3 2 2	GSGGHALHAGSEGVKLLATVLSQKSVSESGPGDSPA K TLSGPVTGLLATARR AGDIITVLEQHPDGRWKGC[330]IHDNR	1 1 1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.56	*	*	*	1	2	EAC[330]FDPGNIM[147]NGTRVGTDFK	1

CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	3.65	0.48	0.17	6	7	3	SPQETYDVYC[330]YVDHLDGDVFLTVPSK	1
							2	ILVEGISTVIYPSLQTEMTHR	1
							3	MFEHDFRWTDGSTLQYENWR	1
							2	AQC[339]GGGLLGVR	1
							2	FTFEEAAKEC[330]JENQDAR	1
							3	FTFEEAAKEC[330]JENQDAR	1
							2	FTFEEAAKEC[339]JENQDAR	1
							3	VGHDYQWIGLNDKM[147]FEHDFR	1
2	FDAYC[330]FKPK	1							
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	1.00	3.10	0.54	0.49	5	3	3	LGSGSVQAALAELVALPC[330]LFTLQPR	1
							2	C[330]GGPAPGVR	1
							2	FQGHC[330]YR	1
							2	LGSGSVQAALAELVALPC[330]LFTLQPR	1
2	FQGHC[339]YR	1							
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSR2-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.27	4.73	2.28	0.00	1	2	2	TSTWWSTVAGC[339]LSVGSPM[147]YFR	1
							2	DYETKPPKLQLLSQIR	1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	*	2.56	*	*	*	1	2	GNELLRLLEHR	1
CTBP1_HUMAN (Q13363) C-terminal-binding protein 1 (EC 1.1.1.-) (CtBP1) [MASS=47535]	0.99	7.50	0.47	0.00	1	1	3	SAGDLGIAVC[330]NVPAASVEETADSTLC[330]HILNLYR	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	1.00	4.25	0.75	0.00	2	2	2	DGDC[330]PAVLIPSKPLAR	1
							2	C[330]QFAFYGGESGYHR	1
CTN1_HUMAN (P35221) Alpha-1 catenin (Cadherin-associated protein) (Alpha E-catenin) (NY-REN-13 antigen) [MASS=100071]	*	1.32	*	*	*	1	3	LLILADMADVYK	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.82	*	*	*	1	3	HQEAEMAQNAVRLHYGLPVVVK	1
							3	C[330]FEEC[339]FRPVK	1
							3	PFRVLISLLDKPEIGPQVVGNLFLFLEVIR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	5.27	*	*	*	7	3	EQKYMMLGTNHQLTVK	1
							2	SIIDHLLTHEKTM[147]FK	1
							3	QKILDFLNPLTAHLGVQLTAAVAVWSR	1
							2	TPNLENK	1
							2	RPVDLLGATKGSSSVYFK	1

CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	*	5.93	*	*	*	2	2	AYRKVLSHVIEQTNASQSK	1
							1	EYYR	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	4.08	*	*	*	1	2	DGEYGINFDPGSKVLRK	1
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	*	6.58	*	*	*	2	2	AMHQAQTMEGC[330]SSPM[147]VVKFADTQK	1
							1	SKNDSKPY	1
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	11.73	3.97	0.00	1	1	3	RLAAC[339]VNLIPQITSIYEWK GK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	*	2.13	*	*	*	2	3	ASETGSDEAIKSILEQAK	1
							2	LAKNGIC[339]QRIFGEK	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	0.00	3.07	0.23	0.00	1	2	2	RLEC[330]IHFGPVFFGSSK	1
							2	NYAPVAM[147]LQSAMTR	1
							2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	2
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	16.62	1.04	0.05	6	4	2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							2	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1
							2	GAGLPGARAR	1
							2	DVC[330]TFLR	1
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	*	11.64	*	*	*	1	3	TQPNLDNC[330]PFHDQPHLK	2
D1IP_HUMAN (Q9NYX4) D1 dopamine receptor-interacting protein calcyon [MASS=23434]	*	41.01	*	*	*	3	3	TQTEYQLSSPDQQNFPDLEGQRLNC[339]SHPEEGR	1
							3	DPGDQDGAAM[147]DSVPLISPLDISQLQPPLPDQVVIK	1
							3	HKIC[339]TPLTLEM[147]YYTEMDPERHR	1
DAPK1_HUMAN (P53355) Death-associated protein kinase 1 (EC 2.7.11.1) (DAP kinase 1) [MASS=160220]	*	2.58	*	*	*	2	2	TDVILILELVAGGELDFLAEK	1
							2	LFVLDAGASGSKDMK	1

DAPK3_HUMAN (O43293) Death-associated protein kinase 3 (EC 2.7.11.1) (DAP kinase 3) (DAP-like kinase) (Dlk) (ZIP-kinase) [MASS=52535]	*	3.74	*	*	*	1	2	LENRYEALAKQVASEM[147]R	1
DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	*	2.43	*	*	*	1	3	LC[330]ELKDC[339]SSLTGRVIEQR	1
DB110_HUMAN (Q30KR0) Beta-defensin 110 precursor (Defensin, beta 110) (Beta-defensin 10) (DEFB-10) [MASS=7672]	0.00	24.19	0.83	0.00	1	1	3	TFC[330]DDVEYDYGVC[330]IK	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	*	5.37	*	*	*	2	1	VWDNWR	1
							2	C[330]VVLADGFYEWQR	1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	*	2.87	*	*	*	1	2	SLSDNVNLPQGVRTIYTIDGSR	1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	*	17.61	*	*	*	4	2	EEGLMQNC[330]NQMHASYLFQQDK	1
							2	IWMHVDAAWGGGLMSR	1
							3	KMREIIGWPGSGDGFSPGGAISNMYAM[147]MIAR	1
							3	VNFFRMVISNPAATHQDIDFLIEEIERLGQDL	1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	*	4.36	*	*	*	1	3	LREAGLAPVPMIIFAK	1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	0.00	5.26	0.44	0.00	1	2	2	VLEEELTVHLSVPGDTILINNR	1
							2	AFQAM[147]QVHC[330]NNMHTLGARLPGGVEC[330]R	1
DDX46_HUMAN (Q7L014) Probable ATP-dependent RNA helicase DDX46 (EC 3.6.1.-) (DEAD box protein 46) (PRP5 homolog) [MASS=117460]	*	4.94	*	*	*	2	3	ASYPC[339]M[147]SLHGGIDQYDRDSIINDFKNGTC[330]K	1
							2	EGNEMEGEELDPLDAYMEEVK	1

DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	0.00	20.00	1.29	0.00	1	3	2	LGTVEELANLAAFLC[339]SDYASWINGAVIK	1
							2	RFFSYGKILYQNTALQSK	1
							3	KM[147]DVLKATAEQISSQTGNK	1
DEN1A_HUMAN (Q8TEH3) DENN domain-containing protein 1A [MASS=110576]	*	3.57	*	*	*	2	2	LYHQWLSTVRKGGGAILNTVK	1
							2	SSARAAETKQGLALR	1
DEST_HUMAN (P60981) Dextrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	0.99	7.32	0.57	0.00	1	1	2	HFVGM[147]LPEKDC[330]R	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	5.74	*	*	*	1	3	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	0.00	3.18	0.19	0.00	1	2	3	QC[330]HQDGHQDHDTHHHHW	1
							2	LRSLVLPAC[330]VR	1
DGKZ_HUMAN (Q13574) Diacylglycerol kinase zeta (EC 2.7.1.107) (Diglyceride kinase zeta) (DGK-zeta) (DAG kinase zeta) [MASS=124122]	0.00	2.60	0.26	0.00	1	2	2	DLAKHIR	1
							2	SGLQHLAPPPPTPGAPC[330]SESER	1
DHB4_HUMAN (P51659) Peroxisomal multifunctional enzyme type 2 (MFE-2) (D-bifunctional protein) (DBP) (17-beta-hydroxysteroid dehydrogenase 4) (17-beta-HSD 4) [Includes: D-3-hydroxyacyl-CoA dehydratase (EC 4.2.1.107) (3-alpha,7-alpha,12-alpha-trihydroxy-5	0.99	6.67	0.48	0.00	1	3	3	ARGNIM[147]LSQKLQM[147]ILK	1
							2	SNIHC[330]NTIAPNAGSR	1
							2	GNIM[147]LSQKLQMILKDYAK	1
DHDDS_HUMAN (Q86SQ9) Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	*	6.31	*	*	*	1	2	C[330]QVERQEGHSQGFNKLAETLR	1

								3	AKPYEGSILEADC[339]DILIPAASEK	1
								2	AKPYEGSILEADC[339]DILIPAASEK	2
								3	AKPYEGSILEADC[330]DILIPAASEK	1
								2	IIKPC[339]NHVLSLSFPIR	1
								2	IIKPC[330]NHVLSLSFPIR	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	13.44	2.19	0.03	13	4		2	TFVVQGFGNVGLHSM[147]RYLHRFGAK	1
								2	C[339]AVVDVPPFGGAK	3
								1	C[330]AVVDVPPFGGAK	1
								1	C[339]AVVDVPPFGGAK	1
								2	AKPYEGSILEADC[330]DILIPAASEK	2
DHE4_HUMAN	0.00	5.02	*	*	*	1		3	GVFHGIENFINEASYMSILGMTPGFRDK	1
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.96	5.33	0.57	0.00	1	1		2	GAVHQLC[330]QSLAGK	1
DHR11_HUMAN (Q6UWP2) Dehydrogenase/reductase SDR family member 11 precursor (EC 1.-.-) [MASS=28308]	0.00	16.92	5.62	0.00	1	2		3	C[339]LKPEDVAEAVIYVLSTPAHIQIGDIQMR	1
								2	DMFNVNVLALSIC[339]TR	1
								3	GC[339]GPEKDHVYLQLHLLPPEQLATR	1
								2	TYFSC[330]TSAHTSTGDGTAM[147]ITR	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	16.87	1.08	0.07	6	5		3	AGLPC[339]QDLEFVQFHPTGIYGAGC[330]LITEGC[339]R	1
								2	TSELRLSMQKSMQNHAAVFR	1
								3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								2	C[330]HTIM[147]NC[330]TR	2
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	11.43	1.06	0.05	6	2		2	C[330]GPM[147]VLDALIKIKNEVDSTLTFR	1
								2	C[339]HTIMNC[339]TR	1
								2	C[330]HTIMNC[330]TR	1
								2	C[339]HTIM[147]NC[339]TR	2
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	*	7.37	*	*	*	4		3	SELAALPPSVQEEHGQLLALLAELLR	1
								2	GLQLRNPALRLVLSATGDNER	1
								2	NLLAKVIQIATSSSTAKNLM[147]QFHTVGTK	1
								2	VIQIATSSSTAK	1

DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	*	4.33	*	*	*	2	3	GGRSHASKSHGSGGGGGGGGGGGGNR HQVVVISGMTGC[330]GKTTQIPQFILDSDLNGPPEK	1 1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	4.92	*	*	*	3	2 3 2	NLVGETNEETSM[147]RNPDR EQLVQAVHDNQILIVIGETGSGK DLAEFVISLAEKNTTFDFTK	1 1 1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	*	3.23	*	*	*	2	2 3	LETHM[147]TPEM[147]FR FM[147]C[339]EVQVEGYNYTGM[147]GNSTNKKDAQSNAAR	1 1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	*	2.16	*	*	*	2	2 3	LHIRNEFM[147]R AVDPRHPNM[147]MTDVVK	1 1
DISC1_HUMAN (Q9NR15) Disrupted in schizophrenia 1 protein [MASS=93582]	0.00	4.10	1.19	0.00	1	2	2 2 3	EAAASC[339]M[147]TAGVHEAQA SSTGPGIGFLSPAVGTLFR PC[339]AEDYFNFM[147]GHFTKPQQLQEEM[147]K	1 1 1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	0.00	8.99	1.15	0.00	1	5	3 3 3 2	ELM[147]QM[147]LDPGDTGVVNTSMFIDLIEENC[330]R DPYSAFFKTDADRDIINMHDLHR ALSAGDPC[339]KGGYVSFNLYKIVLDTFVYQIPR INVHDFKKVLEDTGM[147]PM[147]DDDQYALLTTK	1 1 1 1
DKK3_HUMAN (Q9UBP4) Dickkopf-related protein 3 precursor (Dkk-3) (Dickkopf-3) (hDkk-3) [MASS=38291]	0.78	6.57	0.81	0.00	1	1	3	GLLFPVC[330]TPLPVEGELC[330]HDPASR	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.97	5.50	1.42	0.00	1	2	2 2	TNADTDGM[147]VKILGQK VC[339]HAHPTLSEAFR	1 1
DMBT1_HUMAN (Q9UGM3) Deleted in malignant brain tumors 1 protein precursor (Glycoprotein 340) (Gp-340) (Surfactant pulmonary-associated D-binding protein) [MASS=260734]	*	0.46	*	*	*	1	3	RTDLRIHVSC[339]R	1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	*	4.03	*	*	*	5	2 3 2 3 3	YM[147]PRASVC[330]NVLITC[339]C[330]KDNVC[330]R M[147]EQMSLM[147]ALADTIATTSTDIGESRDR VWYNVENWRTAVTSPDGSSEK VVPLSKFVLLRSVDLVSSVDGSPFPVSLSWVR SLGKDSILSNAGSSPNGFSEK	1 1 1 1 1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	3.03	*	*	*	5	2 3 2 2 3	AVVWGLFR HAVKFGDTEADSSNAEEAAM[147]QDHSTFK C[339]IAGEVAIVRDPDAGEGTK EIAALHEIC[330]NHESVIKEYSSKTYSK NLRLYQAVVDARK	1 1 1 1 1	
DNAI2_HUMAN (Q9GZS0) Dynein intermediate chain 2, axonemal (Axonemal dynein intermediate chain 2) [MASS=68851]		0.00	9.26	3.24	0.00	1	3	2 2 2	KVEKDENVVNAIMQLGSIM[147]EHC[339]IK DENYVNAIMQLGSIMEHC[339]IK DVNPLELEQTIR	1 1 1
DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]		0.00	8.98	1.61	0.00	1	2	2 2	IGLVEALC[339]GFQFTFK GEDMMHPLKVSLEDLYNGKTTK	1 1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]		0.00	2.49	0.55	0.00	1	1	2	WTC[330]IGDLNR	1
DOC10_HUMAN (Q96BY6) Dedicator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	*	0.78	*	*	*	1	2	2	SQTLPIIRGKNALSMPK	1
DOCK1_HUMAN (Q14185) Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	*	1.29	*	*	*	2	3 1	ATIPIFFDMM[147]QC[330]EFHSTR RGSRPR	1 1	
DOCK4_HUMAN (Q8N110) Dedicator of cytokinesis protein 4 [MASS=225147]		0.00	4.83	0.63	0.00	1	5	2 2 3 3 3	TELNKEEMYIRYIHK THPDKITGC[330]LSK PC[330]SAIYPTPVPEPSQRMLFNHIGDGALPR LPFSKGIFLGNNNQAMK AQNFTAAAYTLLLYDELLEWSDR	1 1 1 1 1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	3.45	*	*	*	4	2 3 2 2	TRISVIQKEEFVLTPIEVAIEDM[147]K WAEGHKGVFNIEVQAVSSVHTQDNHLEK LC[339]FKEFIMR FPGLNENLR	1 1 1 1	
DOK1_HUMAN (Q99704) Docking protein 1 (Downstream of tyrosine kinase 1) (p62(dok)) (pp62) [MASS=52391]		0.00	6.44	0.44	0.00	1	1	3	LDC[330]KVIRLAEC[330]VSVAPVTVETPPEPGATAFR	1
DOK3_HUMAN (Q7L591) Docking protein 3 (Downstream of tyrosine kinase 3) [MASS=53288]	*	17.94	*	*	*	3	2 3 3	ATSLPSLDTPGELREMPGPEPPTSRLK GLVPMEENSIYSSWQEVGEFPPVVVQRTEAATR QAWMGPIC[339]QLAFPQGTGEASSGSTDAQSPKR	1 1 1	

DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	*	3.35	*	*	*	2	3	MREYYITM[147]VKWATSTK	1
							3	KFFFIRAIPQGGR	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	12.41	0.49	0.08	5	4	2	FQLTDC[330]QIYEVLSVIR	1
							2	THNSSLEYNIFEGM[147]EC[339]R	1
							2	THNSSLEYNIFEGM[147]EC[330]R	1
							2	FQLTDC[339]QIYEVLSVIR	1
							2	GGKIVNDDQSFYADIYM[147]EDGLIK	1
							2	GLYDGPVC[330]EVSVTPK	1
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	*	8.07	*	*	*	3	3	LHYPIMEYYTPTTSSENMRDFATTLKMK	1
							3	ATWEPIGDLFIDSLPEHIQAIKLFK	1
							2	M[147]TELYQTLADLNNIKFSAYRTAMK	1
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	*	2.35	*	*	*	1	2	VNLEEC[330]LKSASLIRSSDPAFR	1
							3	DLGIVVEGFMKRIEEK	4
DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	*	1.94	*	*	*	2	2	LAC[330]FIERRK	1
							2	LAC[330]FIERRK	1
DUS4_HUMAN (Q13115) Dual specificity protein phosphatase 4 (EC 3.1.3.48) (EC 3.1.3.16) (Mitogen-activated protein kinase phosphatase 2) (MAP kinase phosphatase 2) (MKP-2) (Dual specificity protein phosphatase hVH2) [MASS=42953]	0.00	6.35	0.79	0.00	1	2	2	VRLEEAFFVQKQR	1
							2	SATIC[339]LAYLM[147]M[147]K	1
DX26B_HUMAN (Q5JSJ4) Protein DDX26B [MASS=96672]	*	5.34	*	*	*	3	2	RPGEPNSPMSSKR	1
							2	NPFFLEPSILITITDGNK	1
							3	NLQASGLTTLGQALR	1

								3	AC[330]PPKPSKWILDITWLNLVLSK	1
								2	EAKRALLDAR	1
								3	ALLDARHNYLFAIVASC[330]LDLNLK	1
								3	THLM[147]EDVTANKRR	3
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	3.29	*	*	*		9			
								2	GWALDNMVLVC[339]NEVTK	1
								3	QEYQLC[330]FHKTK	1
								2	MEVLEAFVITQSINMLQGLIPLK	1
								2	DSNSASNMK	1
								3	QFPITLLQMSIKFANDPPQGLRAGLK	1
DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	0.00	1.96	4.37	0.00	1	4		3	GDFQGLVEIMGHLM[147]AVKER	1
								3	EMKHMPETAAAM[147]FSSRDFYR	1
								2	C[339]AGSAEAEQLLQAFLGR	1
								3	IPSLVPRLSPQNGSPHYQVDLDGIPDLANM[147]RR	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.00	2.67	0.92	0.00	1	5		2	KMFAGVSSIILNEDNSVVLGISSREGEEVM[147]FK	1
								3	GEAVDEGEIAENLPEQEILIQSVC[339]ETM[147]VPK	1
								2	HLLPVETQR	1
								3	EVDGLDVSKEGTEAWEAAM[147]KR	1
								3	MNTLLANGEVPGLFEGDEYATLM[147]TQC[330]KEGAQK	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.60	0.05	2	1		2	YNPTWHC[330]IVGR	1
								2	YNPTWHC[339]IVGR	1
DYL2_HUMAN	1.00	34.83	*	*	*	1		3	AVIKNADM[147]SEDMQQDAVDC[339]ATQAMEKYNIEK	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	5.21	0.51	0.10	2	2		2	C[330]VDM[147]VISELISTVR	1
								2	C[330]VDMVISELISTVR	1
								3	DM[147]LM[147]QFVTKENC[339]LILAVSPANSDLANSALK	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	2.56	1.19	0.00	1	1		2	ENC[339]LILAVTPANTDLANSALK	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	0.00	9.63	0.93	0.00	1	2		1	SLDDALK	1
								2	HIKYKFEVC[330]EK	1
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	9.54	*	*	*	2		2	SSM[147]ATQNLPEQHVSR	2
								2	AEIEDLELKERELDQQK	1

EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	12.89	0.36	0.48	6	4	2	ESNSNQC[339]VYAAHNSVIVDEC[339]K	1
							3	LASPIHPDVVM[147]LIAFPGDILMR	1
							2	NLFPENLVQAC[330]FQQIQTGTK	3
ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	1.00	16.16	1.34	0.08	3	3	2	NLFPENLVQAC[339]FQQIQTGTK	1
							3	NLFPENLVQAC[330]FQQIQTGTK	1
							2	C[339]LEENLGIDKR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	18.35	1.51	0.08	7	7	2	YC[330]AQDAFFQVK	1
							3	KM[147]MADEALGSLVSRVFPDK	1
							3	VFPDKEVMLDAALALAAEISSK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.54	0.06	4	2	2	YC[339]AQDAFFQVK	2
							2	M[147]VAC[339]RAIGILSR	1
							2	EVEAVIPDHC[339]IFASNTSALPISEIAAVSK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	2.08	*	*	*	1	2	ALM[147]GLYHGQVLC[330]K	1
							3	QFTPC[330]QLLADHANSNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterin-induced protein) [MASS=309350]	0.00	3.86	1.58	0.00	1	6	2	VFGERFGGNGPELLTQM[147]VSK	1
							3	PGC[330]FIAGADINM[147]LAAC[330]KTLQEVTQLSQEAQR	1
							2	QFTPC[330]QLLADHANSNKK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.54	0.06	4	2	2	TGIEQGS DAGYLC[339]ESQK	1
							3	QFTPC[339]QLLADHANSNKK	1
							2	ALNALC[330]DGLIDELNQALK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.54	0.06	4	2	2	ALNALC[339]DGLIDELNQALK	1
							3	IC[339]PVETLVEEAIQC[339]AEK	1
							3	ALNALC[339]DGLIDELNQALK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	2.08	*	*	*	1	2	TFGLILGHVVDEIQR	1
							1	M[147]TAREEASLR	1
							2	AAVIIMAVEKQTLM[147]QHILR	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterin-induced protein) [MASS=309350]	0.00	3.86	1.58	0.00	1	6	2	KANAHFILK	1
							3	NVAIFTAGQESPIILRDGNGTIYPM[147]AKDC[339]MGGIR	1
							2	SSGLRAGSRR	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterin-induced protein) [MASS=309350]	0.00	3.86	1.58	0.00	1	6	3	DEPGE GSGVARSFYTAIAQAFLSNEK	1

EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	1.52	0.84	0.00	1	1	2	C[330]GGIDKR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.00	6.91	*	*	*	1	2	IGYNPATVPFVPIGWGHDNMLEPSPNM[147]PWFK	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	4.43	*	*	*	2	2 3	IKPVLN[147]MNMK[147]DR WLPAGDALLQMITIHLPSVTAQKYR	1 1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	*	5.23	*	*	*	1	3	DQLALAIGKLGEM[147]ILK	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	19.91	1.25	0.03	13	5	2	GLVM[147]VKPGSIKPHQK	1
							3	HYAHTDC[330]PGHADYVK	2
							2	KGDEC[330]JELLGHSK	1
							2	KGDEC[339]JELLGHSK	1
							3	LLDAVDYIPVVPAR	1
							2	HYAHTDC[339]PGHADYVK	3
3	HYAHTDC[339]PGHADYVK	3							
2	HYAHTDC[330]PGHADYVK	1							
3	ELLTEFGYKGEETPVIVGSALC[330]ALEGRDPELGLK	1							
3	KGDEC[339]JELLGHSK	1							
ELAV2_HUMAN (Q12926) ELAV-like protein 2 (Hu-antigen B) (HuB) (ELAV-like neuronal protein 1) (Nervous system-specific RNA-binding protein Hel-N1) [MASS=39504]	*	3.06	*	*	*	1	3	ILVDQVTGISR	1
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	0.00	7.25	1.84	0.00	1	2	3 3	SETC[330]NEDLAGTTDEK DMPKNIVIDDDKSETC[339]NEDLAGTTDEK	1 1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	6.45	*	*	*	2	2 3	LKLFAFGGTSVSHDKLPK WTMVAPLREGVSNAAVVSAAK	1 1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	16.63	*	*	*	5	1	FGANAILGVSLAVC[330]K	1
							3	LAMQEFM[147]ILPVGAANFREAMR	1
							2	SGETEDTFIADLVVGLC[330]TGQIK	2
							3	SGETEDTFIADLVVGLC[339]TGQIK	1
							2	SGETEDTFIADLVVGLC[339]TGQIK	1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	6.70	0.67	0.23	7	2	2	TGAPC[330]R	1
							2	SC[330]NC[330]LLLLK	1
							3	IVIGM[147]DVAASEFYR	2
							2	VNQIGSVTEAIQAC[339]K	1
							3	VSLSGSSDPHLC[339]R	10
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	2.63	57.14	0.00	1	1			
ENPP2_HUMAN (Q13822) Ectonucleotide pyrophosphatase/phosphodiesterase 2 (E-NPP 2) (Phosphodiesterase I/nucleotide pyrophosphatase 2) (Phosphodiesterase I alpha) (PD-Ialpha) (Autotaxin) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyro [MASS=99003]	0.41	5.79	5.35	0.00	1	3	3	SYTSC[339]C[330]HDFDELC[330]LK	1
							2	C[339]FELQEAGPPDC[339]R	1
							2	AAEC[339]PAGFVRPPLIIFSVDGFR	1
EOMES_HUMAN (O95936) Eomesodermin homolog [MASS=72612]	*	8.60	*	*	*	2	3	VKEEIGSSWIETPPSIKSLDSNDSGVYTSAC[330]K	1
							3	C[339]GDINAEYKDTSKGM[147]GGYYAFYTSP	1
							3	C[339]KPVMIITEYM[147]ENGLDAFLRK	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	8.62	0.83	0.48	2	5	3	VIGVGEFGEVC[330]SGR	2
							2	C[330]PPHSYSVWEGATSC[330]TC[339]DRGFFR	1
							2	NPNSLKR	1
							2	C[330]PPHSYSVWEGATSC[339]TC[339]DR	1

EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	*	4.63	*	*	*	3	2	M[147]HFHNGHIK	1
							2	KC[339]NSHAGVC[339]EEC[330]GGHVR	1
							2	SKETTITAEGLKPASVYVFQIR	1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	*	1.74	*	*	*	1	2	TYPLNGWDAITEMDEHNR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	*	5.81	*	*	*	4	2	WTAPEAIQYR	1
							2	MIRNPNSLKTPLGTC[330]SR	1
							3	C[339]PTHSFSDK	1
							2	HDGQFTVIQLVGMRLGIAAGM[147]R	1
EPM2A_HUMAN (O95278) Laforin (EC 3.1.3.48) (EC 3.1.3.16) (Lafora PTPase) (LAFPTPase) [MASS=37157]	*	6.34	*	*	*	1	2	VQYFLMAKRPAVYIDEEALAR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	0.00	4.62	0.15	0.00	1	3	2	RESGPGIAPGPEPHGLTNK	1
							3	C[330]WM[147]IDENIRPTFK	1
							3	EITGYLNIQSWPPMHNFVFSNLTTIGGR	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	*	9.19	*	*	*	2	2	SFPLHFDENSFFAGDKKEAHK	1
							2	NLYFLYLIELRALSKVLPFFER	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	0.45	6.79	1.04	0.00	1	4	2	C[339]NSHLEITIPK	1
							2	NITC[330]QKEKMK	1
							3	SSESKINQPELETR	1
							3	QILHQKETNQDVQC[339]NRFFPSR	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	*	2.83	*	*	*	4	2	QC[339]ALFLVLK	1
							3	LHRC[339]FRLQVESLK	1
							2	GSFSLWK	1
							3	YTEALLQGWLGGAGPGAPLLYYVNQARQAPR	1

ETFA_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	0.00	3.00	2.65	0.00	1	1	2	C[339]DKVAQDLC[339]K	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.97	3.24	2.04	0.00	1	2	1 HKGSDFER 2 LQINAQNC[339]VHC[339]K	1 1	
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	0.00	6.74	1.91	0.00	1	1	2 TQGVC[339]SFPAMPQAPIDGRIADC[339]R	1	
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	*	4.55	*	*	*	2	2 C[330]VM[147]ATLQHTAEEIKRLAEK 2 PSVLGHLSQTASLKRGSFQSGR	1 1	
EXTL1_HUMAN (Q92935) Exostosin-like 1 (EC 2.4.1.224) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Exostosin-L) (Multiple exostosis-like protein) [MASS=74696]	*	3.85	*	*	*	2	2 WPETAVPLTVIDGHR 2 PRPGASQGWPR	1 1	
F10A5_HUMAN (Q8NFI4) Protein FAM10A5 [MASS=41377]	0.00	4.61	1.27	0.00	1	1	3 LLGHWEEAAHDLAFAC[339]K	1	

FA35A_HUMAN (Q86V20) Protein FAM35A [MASS=93704]	*	2.99	*	*	*	2			
							2	LSDITSSNMQIC[330]GFK	1
FA38A_HUMAN (Q92508) Protein FAM38A [MASS=233040]	*	4.47	*	*	*	4	2	GFALYNAANLKSIDFHR	1
							3	RLQGFC[330]LSLAQGTyrPLR	1
							3	FRPMASC[339]LSTVWTC[330]VIIVC[330]KM[147]LYQLK	1
							3	TVLGKLAfQVALVLAHLWM[147]FFILPAVTER	1
FA43B_HUMAN (Q6ZT52) Protein FAM43B [MASS=36776]	0.00	4.86	0.76	0.00	1	1	2	AVVLRC[330]HAVLLARAHK	2
FA47A_HUMAN (Q5JRC9) Protein FAM47A [MASS=89095]	*	1.67	*	*	*	1	3	LFARRGWTYDSVK	1
FABPE_HUMAN (Q01469) Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis- associated fatty acid-binding protein homolog) (PA-FABP) [MASS=15033]	0.00	10.45	0.38	0.00	1	1	2	LVVEC[330]VM[147]NNVTC[330]TR	1

FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	11.76	0.78	0.00	1	8	3	VRQLVMDKLSSIR	1
							3	QNEASSHIQDDM[147]HLVIRK	1
							3	GRASSSGNQESSGQSC[330]IILLFDVIKSAIR	1
							3	ELSDLLIENTSLTVPILDVLSLRL	1
							3	LESM[147]SAKERSFMC[339]SLIFLTLNWFR	1
							3	TLELLVC[330]RVKAM[147]LTLNNC[339]R	1
							3	LPEYFFENKNSDEINIPRLIVSQLK	1
							3	EIVNAFC[330]QETSPEM[147]KGKVLTR	1
FAK2_HUMAN (Q14289) Protein tyrosine kinase 2 beta (EC 2.7.10.2) (Focal adhesion kinase 2) (FADK 2) (Proline-rich tyrosine kinase 2) (Cell adhesion kinase beta) (CAK beta) (Calcium-dependent tyrosine kinase) (CADTK) (Related adhesion focal tyrosine kinas [MASS=115874]	*	1.78	*	*	*	1	3	VC[339]FYNSNFNPGKNFKLVK	1
FAM5C_HUMAN (Q76B58) Protein FAM5C precursor (DBCCR1-like protein 1) [MASS=88445]	*	10.05	*	*	*	4	2	C[339]GTC[330]NTGYMLSQGLC[330]K	1
							2	RYEQLNSMKQLFLK	1
							3	TKLDLPLQC[330]YNWTLTLGNKWK	1
							3	IQSALQAFNAKLPNTM[147]DYDTTKLC[330]S	1
FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	0.23	3.76	0.44	0.00	1	2	1	LGIESPR	2
							2	ISLPMSAVVC[330]LWLR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	1.76	1.42	0.00	1	3	1	GM[147]TRSK	1
							1	VSKEIK	2
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.78	*	*	*	1	3	PPPTPSGKLVSIQMLDDTQEAFVPPQR	1
FASTK_HUMAN (Q14296) Fas-activated serine/threonine kinase (EC 2.7.11.8) (FAST kinase) [MASS=61104]	0.00	6.92	0.86	0.00	1	2	2	ERWHFC[330]R	1
							2	HLGLMGYQLLPLPFEELESQRGLPQLKSYLR	1

FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	0.00	1.63	0.10	0.00	1	2	3	LQELSSKADEASELAC[330]PTPK	1
							3	LLEASRAFEVSENGNLVVS GK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	*	0.51	*	*	*	1	1	AVLEPR	1
							2	AWGHPC[339]EM[147]C[339]PAQPHPC[339]R	1
							2	TLPGGNQC[330]IVPIC[330]R	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	3.41	*	*	*	5	3	AWGHPC[330]EM[147]C[330]PAQPHPC[339]RRGFIPNIR	1
							2	GPGFATKEITNGKPFFK	1
							3	EGYC[339]FTEVLQNM C[339]QIGSSNRNPVTK	1
							2	PFYKDINEC[339]K	1
							3	GYVLQEDGKTC[330]K	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.00	2.68	0.49	0.00	1	5	3	GGTC[339]VNTEGSFQC[330]DC[339]PLGHELSPSR	1
							2	PDGEGC[330]VDENEC[339]RTKPGIC[339]ENGR	1
							2	C[339]EC[330]NM[147]GYK	1
							3	C[330]TC[330]RQGFAGDGFFC[330]EDR	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	*	3.13	*	*	*	4	2	GIPSLGPGNSNIGTATLNQTIDIC[330]R	1
							2	KSVC[339]FRHYNGTC[330]QNELAFNVTR	1
							3	GPC[330]SYSC[330]ANTPGGFLC[330]GC[339]PQGYFR	1
FBX31_HUMAN (Q5XUX0) F-box only protein 31 [MASS=60647]	*	3.34	*	*	*	1	3	IHLMERKAATVEC[339]M[147]YGHK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	*	4.65	*	*	*	2	2	VPVSYC[339]GK	1
							3	DYNMYLVHNGRMLIHFGQM[147]PAC[339]TPK	1
FBX46_HUMAN (Q6PJ61) F-box only protein 46 (F-box only protein 34-like) [MASS=69030]	*	2.01	*	*	*	1	2	PGPGPGEVRIAFR	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	*	6.28	*	*	*	2	2	PC[330]IKQINFPTNLIR	1
							2	C[339]TLVQWLNLSWTGNRGFISVAGFSR	1
FBXL6_HUMAN (Q8N531) F-box/LRR-repeat protein 6 (F-box and leucine-rich repeat protein 6) (F-box protein FBL6) (FBL6A) [MASS=58588]	*	5.75	*	*	*	1	3	IPLEILVQIFGLLVAADGPM[147]PFLGRAARVC[330]R	1

FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	*	1.98	*	*	*	1	2	SDPGPPTETPSQRPSPLKR	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	0.00	5.54	4.71	0.00	1	4	2 C[339]SESETDEDYIVVPR 2 GRAVPGLM[147]RER 2 VTDRANDSMEQGENLQK 3 PHSGKVAGYVPETVPEETGPEAGSSAPGIGGAAEEVGK	1 1 1 1	
FGF6_HUMAN (P10767) Fibroblast growth factor 6 precursor (FGF-6) (HBGF-6) (HST-2) [MASS=22904]	0.00	19.23	0.69	0.00	1	2	2 QRRLYC[330]NVGIGFHLQVLPDGR 2 RLYC[339]NVGIGFHLQVLPDGR	1 1	
FGFR3_HUMAN (P22607) Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3) (CD333 antigen) [MASS=87709]	*	1.49	*	*	*	1	2 WELSRARLTLGK	1	
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	0.00	1.21	0.28	0.00	1	3	2 DPGLC[330]GHSSDISKQLGFSQSQR 2 RQDSSVVGDSGSR 2 HSGIGHRQASSAVR 2 RAPSVANVGSHC[330]DLSLK 3 ARGPGLEKTGVAVNK 3 YGGDEIPFSPYRVRVPTGDASK 2 KDGSC[339]GVAYVVQEPGDYEVSVK 2 DAGEGLLAVQITDPEGKPK 2 ATC[339]APQHGAPGPGPADASKVVAK 2 IQQNTFTRWC[330]NEHLK	1 1 1 1 1 1 1 1	
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	0.00	5.06	0.44	0.00	1	7	2 DAGEGLLAVQITDPEGKPKR 3 VTEAEIVPMGKNSHC[339]VRFVPQEM[147]GVHTVSVK	1 1	
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	*	1.96	*	*	*	2	3 DAGEGLLAVQITDPEGKPKR 3 VTEAEIVPMGKNSHC[339]VRFVPQEM[147]GVHTVSVK	1 1	
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	*	3.91	*	*	*	2	2 NPPAAYIQKLSYVDTGGVSR 2 GAAYGFRQLSLDALLEM[147]KSTDR	1 1	

FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	*	2.49	*	*	*	1	2	TPADRGPSPAPAPAASPQPGSRGPR	1
FOXE1_HUMAN (O00358) Forkhead box protein E1 (Thyroid transcription factor 2) (TTF-2) (Forkhead-related protein FKHL15) [MASS=38289]	0.00	16.49	*	*	*	3	2	LAGPASPPAGGSSGGVETTVDFYGR	1
							3	GETAAGAGVPGEATGRGAGGR	1
							2	HAAAYPGGIDRFVSAM[147]	1
FOXL1_HUMAN (Q12952) Forkhead box protein L1 (Forkhead-related protein FKHL11) (Forkhead-related transcription factor 7) (FREAC-7) [MASS=36490]	0.00	3.48	1.08	0.00	1	1	2	C[339]LDMFENGNYRR	1
FOXN2_HUMAN (P32314) Human T-cell leukemia virus enhancer factor (Forkhead box protein N2) [MASS=37734]	0.00	9.38	0.51	0.00	1	1	3	LQESDSLATSIDPKEDHNYSSASSM[147]AAQRC[330]ASR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	3.53	*	*	*	5	2	KILLNIEHR	1
							3	C[339]FLKLGEWQLNLQGINESTIPK	1
							2	M[147]DTNKDDPELMLGRMR	1
							2	KLTLMGSGNGHEFVLLK	1
							3	AYGAMVSC[339]HM[147]LSELEEVIQYKLVPER	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	2.43	*	*	*	4	2	MASLEC[330]TVSLDTARTR	1
							3	ILKTISVEVIPVNDEK	1
							2	YVHNGC[330]PILDEDTVK	1
							1	PM[147]LSKK	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	1.00	2.85	0.81	0.03	2	1	2	YLAADKDGNVTC[330]JER	1
							2	YLAADKDGNVTC[339]JER	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	*	2.11	*	*	*	1	2	THVGMSIQTFRYFAGWC[339]DK	1
FUK_HUMAN (Q8N0W3) L-fucose kinase (EC 2.7.1.52) (Fucokinase) [MASS=117622]	*	9.23	*	*	*	4	2	ALAC[339]VADVLCG[330]M[147]AEGRGGLRSGPAANPEWM[147]R	1
							2	IPEPELWLAVGPRQDEM[147]TVKIVC[339]R	1
							2	IVC[330]RC[339]LADLRDYC[339]QPHAPGALLK	1
							2	ELGPQDLLWMLDHQEDGGEALR	1

FVT1_HUMAN (Q06136) 3-ketodihydrospingosine reductase precursor (EC 1.1.1.102) (3-dehydrospinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.00	5.42	0.70	0.00	1	1	2	LGPVDM[147]LVNC[330]AGMAVSGK	1
FZD3_HUMAN (Q9NPG1) Frizzled-3 precursor (Fz-3) (hFz3) [MASS=76262]	0.48	5.41	0.98	0.32	2	2	2 2	LM[147]EM[147]FGVPWPEDM[147]EC[339]SR DFRPFLC[330]ALYAPIC[330]M[147]EYGR	1 1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	*	6.15	*	*	*	1	3	YSADDSNM[147]AVEM[147]LKIFMSLLVGITSGM[147]WIWSAK	1
G3PT_HUMAN (O14556) Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) [MASS=44501]	0.00	16.42	6.00	0.00	1	3	2 3 3	LAQPAPYSAIK AC[339]M[147]EKGVKVAVNDPFIDPEYVMVYMFK VPTPDVSVVDLTC[339]RLAQPAPYSAIKEAVK	1 1 1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.60	0.10	6	2	2 2 2	VPTANVSVVDLTC[330]R IISNASC[330]TTNC[330]LAPLAK VPTANVSVVDLTC[339]R IISNASC[339]TTNC[339]LAPLAK	2 2 1 1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.95	9.52	0.80	0.00	1	3	2 3 2	PYSSGGPRVWYVSNIIDGTHIAK ELQAAGKSPEDLER M[147]IPC[330]DFLIPVQTQHPIR	1 1 1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	*	2.50	*	*	*	1	3	KIATIQQTTEVFTSTLDDLEERVK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	8.20	1.03	0.26	3	3	2 2 2 2	TM[147]GC[330]LATTHSK C[339]LEEVEDLIVK TM[147]GC[339]LATTHSK HGC[339]AFLVDEVQTTGGGC[339]TGK	1 1 1 1

								2	LFVSGAC[330]DASAK	2
								2	ELAGHTGYLSC[330]C[339]R	1
								3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2
								2	ADQELMTYSHDNIIC[330]GITSVSFSK	1
								3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	1
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	29.79	0.56	0.19	13	5		1	LFVSGAC[330]DASAK	1
								2	LFVSGAC[339]DASAK	1
								2	KAC[330]ADATLSQITNNIDPVGR	1
								2	ELAGHTGYLSC[339]C[339]R	1
								2	ELAGHTGYLSC[330]C[330]R	4
								3	QTFIGHESDINAVAFFPNGYAFTTGSDATC[330]R	1
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	24.78	0.58	0.12	6	4		2	ELPGHTGYLSC[339]C[339]R	1
								2	KAC[330]GDSTLTQITAGLDPVGR	1
								2	AC[330]GDSTLTQITAGLDPVGR	1
								2	ELPGHTGYLSC[330]C[330]R	2
								2	VSC[330]LGVTADGM[147]AVATGSWDSFLK	1
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.56	10.59	0.65	0.00	1	2		2	ELSAHTGYLSC[330]C[330]R	1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	0.00	7.96	*	*	*	1		3	NQIQDARKAC[330]NDATLVQITSNMDSVGR	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	19.72	0.73	0.00	1	1		2	ASADLM[147]SYC[330]EEHAR	1
								2	AAADLMAYC[330]EAHAK	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.61	0.15	5	2		2	AAADLM[147]AYC[339]EAHAK	1
								3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPAENPFR	2
								2	AAADLM[147]AYC[330]EAHAK	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.00	40.00	1.09	0.00	1	1		3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPFRR	1

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	1.00	20.59	0.72	0.13	2	1	2	AASDLMSYC[330]EQHAR	1
							2	AASDLM[147]SYC[330]EQHAR	1
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	1.00	5.59	0.96	0.15	2	2	2	IIC[330]ILSHPIK	1
							2	TDDYLDQPC[339]LETVNR	1
GDIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	*	6.07	*	*	*	2	2	RMTGSEFDFEEM[147]K	1
							2	YLDFKVTEGSFVYK	1
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.71	9.23	0.56	0.00	1	2	2	QIEHDKREM[147]IFEVLAPLAENDAIAK	1
							3	ITAVDKTEDSLEGC[330]LDC[330]LLQALAQNNNTETSEK	1
GFRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	*	2.00	*	*	*	1	2	M[147]VRPLNPR	1
							2	LINGGIAGLIGVTC[339]VFPIDLAK	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	22.91	0.83	0.11	7	5	2	PTATQLTRDLLR	1
							3	IQLQDAGRIAAQRK	1
							2	VYTSM[147]SDC[339]LIK	1
							1	GVNEDTYSGILDC[339]AR	1
							2	GVNEDTYSGILDC[330]AR	2
							2	LINGGIAGLIGVTC[330]VFPIDLAK	2
GLIS3_HUMAN (Q8NEA6) Zinc finger protein GLIS3 (GLI-similar 3) (Zinc finger protein 515) [MASS=83605]	*	2.84	*	*	*	1	2	KRALSLSPKSDGIGIDFNTIIR	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	*	12.38	*	*	*	1	3	AQEFVNC[339]KIQPGK	1

								3	FDYVM[147]QFLNKMAGNEYVGFSNATFQSERESGDR	1
								2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	13.75	1.36	0.04	7	5		2	LKEC[330]M[147]DM[147]LR	1
								2	LKEC[339]M[147]DM[147]LR	1
								2	LKEC[339]M[147]DMLR	1
								2	C[330]VQSNIVLLTQAFR	1
								2	VPFC[330]LQSC[330]VKPLK	1
								3	IKQGLLPSLEDLLFYTIAEGQEK	1
								2	VPFC[339]LQSC[339]VKPLK	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	5.48	*	*	*	2		2	KC[330]VSSSIVLLTQAFR	1
								2	MAGNEYMGFSNATFQSEK	1
GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas) [MASS=64320]	*	7.79	*	*	*	2		3	VWM[147]C[339]GGSLEIVPC[330]SRVGHVFR	1
								2	RLDPTPIRTPIIAGGLFVIDK	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	11.90	0.68	0.15	5	3		2	IIHEAGYSEEEC[330]KQYK	1
								2	EIYTHFTC[330]ATDTK	1
								2	EIYTHFTC[339]ATDTK	1
								2	IIHEAGYSEEEC[330]K	1
								3	IIHEAGYSEEEC[330]KQYK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.86	8.19	0.59	0.00	1	1		3	ITHSPLTIC[330]FPEYTGANKYDEAASYIQSK	1
GNAI3_HUMAN (P08754) Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3) [MASS=40401]	0.00	4.82	*	*	*	1		2	AAKEVKLLLLGAGESGK	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	0.00	7.87	*	*	*	2		3	HYC[330]YPHFTC[330]AVDTENIR	1
								2	TTEDQGVDEKERR	1

								3	SPLTIC[339]FPEYTGPNYEDAAAYIQAQFESK	1
								2	M[147]HESLM[330]NNK	1
								2	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	1
								3	YYLDSLDRIGAADYQPTEQDILRTR	1
								2	M[147]VC[330]DVVSR	3
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	30.88	0.46	0.27	8	5		2	MVC[339]DVVSR	1
								3	KSPLTIC[339]FPEYTGPNYEDAAAYIQAQFESK	1
								2	MHESLM[147]LFDSIC[330]NNK	1
								2	MVC[330]DVVSR	2
								2	M[147]VC[339]DVVSR	2
								3	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	2
								2	M[147]HESLM[147]LFDSIC[330]NNK	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	0.07	0.00	1	1		2	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	1.00	13.20	0.81	0.20	2	2		3	SNEYQLIDC[330]AQYFLDKIDVIK	1
								3	NNLKEAIETIVAAM[147]SNLVPPVELANPENQFR	1
GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	*	3.98	*	*	*	1		2	KILATAGWDHRIR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	0.00	1.26	1.17	0.00	1	3		2	QKPEEIGEESR	1
								2	RIAELEEELVC[339]VQK	1
								3	ALHTQLEMQAKEHDER	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	0.00	4.12	0.34	0.00	1	2		2	C[330]NYTSVVMSFSILMSSK	1
								2	RWDEKAC[339]QMM[147]LDIR	1
GP150_HUMAN (Q8NGU9) Probable G-protein coupled receptor 150 [MASS=46353]	0.00	13.82	1.47	0.00	1	2		3	LVFLGVILVVAVAGNTTLC[339]RLC[330]GGGGPWAGPK	1
								2	AKVQSLKMSLLLALLFVGC[339]ELPYFAAR	1

GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	*	5.93	*	*	*	3	2	MGAM[147]AYPLLLC[339]LLLAQLGLGAVGASRDPQGR	1
							3	VDINLQKVIDIDQC[339]SSDGWFSGTHK	1
							3	TSM[147]LQKSLSVIASAKEK	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	*	3.57	*	*	*	1	2	HRLEDEEDEEEEAEGGGLASLR	1
GPDH_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	8.67	1.55	0.00	1	3	2	C[339]KDVLTKQEFQDVR	1
							3	MVKEALHERANLLEIAPHLSAPLPIM[147]LPVYK	1
							3	LYDLVAGSNC[339]LKSSYVLSK	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.36	0.13	3	2	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.98	3.40	0.49	0.03	2	1	2	SREDC[330]C[330]TKF	1
							2	SREDC[339]C[339]TKF	1
							2	TREKLC[330]FLDK	2
GPSN2_HUMAN (Q9NZ01) Synaptic glycoprotein SC2 [MASS=36034]	0.00	9.42	0.67	0.00	1	2	2	EKLC[330]FLDKVEPHATIAEIK	1
							2	TREKLC[339]FLDK	1
							3	C[339]QGPPGVDLYRLEK	3
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.30	4.13	1.69	0.11	2	1			
GRAA_HUMAN (P12544) Granzyme A precursor (EC 3.4.21.78) (Cytotoxic T-lymphocyte proteinase 1) (Hanukkah factor) (H factor) (HF) (Granzyme-1) (CTL tryptase) (Fragmentin-1) [MASS=28969]	*	15.65	*	*	*	2	2	EEPTKQIMLVKK	1
							3	GDDVKPGTMC[330]QVAGWGRTHNSASWSDTLR	1
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	*	1.99	*	*	*	2	3	PFM[147]SLGISIM[147]IKK	1
							1	HDSIR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	1.11	0.90	0.00	1	1	2	KFVIDC[330]EIER	1

GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	*	2.29	*	*	*	2	2	PSALVKNNEEGIQR	1
							2	GMPHVIR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	3.14	*	*	*	2	2	YEGFC[330]VDM[147]LKELAEILR	1
							2	DPTPLLKEIRDDK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	0.00	6.25	*	*	*	4	1	DPGPSGK	2
							3	PTAFFC[330]PQDGSLGAGSSAM[147]R	1
							2	VRPGSALAAVAPPEPAEPVR	1
							3	ETPQASEKVDPGSC[330]R	1
GRK7_HUMAN (Q8WTQ7) G protein-coupled receptor kinase 7 precursor (EC 2.7.11.16) (G protein-coupled receptor kinase GRK7) [MASS=62211]	0.00	6.33	0.64	0.00	1	2	2	SLALPGLQGC[330]AELR	1
							2	FLQWKLFEM[147]QPVSDKYFTEFR	1
GRN_HUMAN (P28799) Granulins precursor (Proepithelin) (PEPI) [Contains: Acrogranin; Paragranulin; Granulin-1 (Granulin G); Granulin-2 (Granulin F); Granulin-3 (Granulin B); Granulin-4 (Granulin A); Granulin-5 (Granulin C); Granulin-6 (Granulin D); Granul	*	1.18	*	*	*	1	1	SPHVGVK	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.00	3.24	1.19	0.08	2	2	2	TIAPC[339]QK	1
							2	M[147]EEFKDQLPADEC[339]NK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	8.57	*	*	*	5	3	AILRVAELSSDDFHLDRHLYFAC[330]R	1
							2	LDPALQDKC[330]LIDLGK	1
							3	VAPADGFSDLAM[147]QVM[147]TSPSK	1
							2	VAPADGFSDLAM[147]QVM[147]TSPSK	1
							3	VFKLQETEMMDPELDYTLMR	1
3	SDIKNFC[339]SAVQYGNAQIIEC[330]LK	1							
GSTA3_HUMAN (Q16772) Glutathione S-transferase A3-3 (EC 2.5.1.18) (GST class-alpha) [MASS=25301]	0.00	10.81	0.68	0.00	1	1	3	ALIDM[147]YTEGM[147]ADLNEMILLPLC[330]R	1

GSTO1_HUMAN (P78417) Glutathione transferase omega-1 (EC 2.5.1.18) (GSTO 1-1) [MASS=27566]	0.00	7.05	0.42	0.00	1	1	2	LEAM[147]KLNEC[330]VDHTPKLK	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	*	5.44	*	*	*	1	2	AFEGQAHGADRSGKDGVM[147]EMNSIEPAK	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	*	6.50	*	*	*	1	3	KLSLLLC[330]SVPFVAGFAVITAAQDVWM[147]LLGGR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	*	3.75	*	*	*	1	3	ISQM[147]PVILTPLHFDRDPLQKQPSC[339]QR	1
GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	0.91	5.73	0.44	0.00	1	1	3	GASIAHC[330]PNSNLSLSSGFLNVLEVLK	1
GUC2F_HUMAN (P51841) Retinal guanylyl cyclase 2 precursor (EC 4.6.1.2) (Guanylate cyclase 2F, retinal) (RETGC-2) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2) (Guanylate cyclase F) (GC-F) [MASS=124821]	0.00	2.08	0.81	0.00	1	1	3	PPPVYRPVVPPEHAPPEC[339]LQLM[147]K	1
GUSL1_HUMAN (Q9NQ0) Beta-glucuronidase-like protein 1 (SMA3-like protein) [MASS=15472]	0.00	7.86	*	*	*	1	2	LEVC[330]LLNAENK	1
GUSL3_HUMAN	0.00	15.71	0.38	0.00	1	1	3	LLLLVSQLRAPGVDSAAAGRPV	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	23.97	0.52	0.11	4	2	3	GTFATLSELHC[339]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DK	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DKLHVDPENFR	1

HCD2_HUMAN (Q99714) 3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1.1.35) (3-hydroxyacyl-CoA dehydrogenase type II) (Type II HADH) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase) (EC 1.1.1.178) (Endoplasmic reticulum-associated amyloid beta-peptide-binding [MASS=26792]	0.00	10.38	0.99	0.00	1	1	3	KLGNNC[339]VFAPADVTSEKDVQTALALAK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	4.46	*	*	*	1	2	FAGLHFFNPVPMK	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	1.53	*	*	*	2	3 2	TPPELLQTLTAVGGIGQLTAAKEESGGR LLC[339]TPFRVLARMVDILAC[339]R	1 1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	0.98	*	*	*	1	2	NTSELVSSEVYLLSALAALQK	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	0.00	2.57	1.00	0.00	1	1	2	AQETM[147]DSLAMVEGVSSC[339]QDLYR	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	2.11	1.23	0.00	1	3	2 2 3	VDATDASYPSVNTC[339]VHYLK RLLPVFAQTFQQTMLPSIR ALC[339]NRLVVVELNNRTSR	1 1 1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	*	3.99	*	*	*	1	3	LKC[339]DVC[339]GMVC[339]IGPNVLM[147]VHKR	1
HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	*	0.67	*	*	*	1	2	QWDEQLDPRLNAK	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	0.00	10.78	0.60	0.00	1	3	2 2 3	TDGGDPSGLLKNFQDIMQK M[147]M[147]PGC[330]EIYSDSGNHASM[147]IQGIR SYAAGFIFTTSLPPMLLAGALESVRILK	1 1 1
HEM6_HUMAN (P36551) Coproporphyrinogen III oxidase, mitochondrial precursor (EC 1.3.3.3) (Coproporphyrinogenase) (Coprogen oxidase) (COX) [MASS=50152]	0.00	2.20	*	*	*	1	1	YVEFNLLYDR	1

HEP2_HUMAN (P05546) Heparin cofactor 2 precursor (Heparin cofactor II) (HC-II) (Protease inhibitor leuserpin 2) (HLS2) [MASS=57070]	0.00	4.21	2.59	0.00	1	1	2	DALENIDPATQMMILNC[339]IYFK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	2.06	1.40	0.00	1	1	2	NKGLPFTC[339]KAFVFDK	2
HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	0.00	5.73	1.09	0.00	1	2	2	GGSGSPGPEPPGRPDGPSLLYR	1
							2	SGEC[330]AGQTMLDTMEAPGHSR	1
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	*	16.04	*	*	*	1	3	M[147]ATPGPVIPEVPFEPK	1
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.00	52.00	1.41	0.00	1	2	3	HISQISVAEDDDESLLGHLM[147]IVGKKC[339]AADLGLNK	1
							3	MVVNEGSDGGQSVYHVHLHVLGGRQM[147]HWPPG	1
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	*	2.04	*	*	*	1	3	MWGHLSSEGYQLC[330]SIYLKLLR	1
							3	VTLSDEGFYEC[339]IAVSSAGTGR	1
							3	NAAPKDAGIYGC[339]LASNSAGTDK	1
HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	*	2.84	*	*	*	7	2	C[339]MAANTAGDHHKKEFEVTVHVPPTIK	1
							3	MLRLM[147]QTTMEDAGQYTC[330]VVR	1
							3	RTVDLTVQVPPSIADPTDFLVTK	1
							3	YSILENGFLHIQSAHVTDGTGR	1
							3	AETEDSGKYTC[339]IASNEAGEVSKHFILK	1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	0.00	1.92	2.22	0.00	1	1	2	NNLSYDC[339]IGR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.96	9.12	0.49	0.07	2	2	2	LTLSEAHAAC[330]JR	1
							2	SFGFPRPQQAAYGTYC[330]YAEN	1

HPRT_HUMAN (P00492) Hypoxanthine-guanine phosphoribosyltransferase (EC 2.4.2.8) (HGPRT) (HGPRTase) [MASS=24448]	*	12.44	*	*	*	1	3	FVVGALDYNEYFRDLNHVC[330]VISETGK	1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	*	1.99	*	*	*	5	3	ATSM[147]DLPMRFR	1
							2	RFIEDDYDPPKIAR	1
							3	PEDAGEKEHVTKSSVGHK	1
							2	LFSPHSGTRFDM[147]HKR	1
							2	ATSMDLPMRFRHLK	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	0.98	5.36	0.58	0.00	1	2	3	IKELNNTC[330]EPVVTQPKPK	1
							3	LMSSNSTDLPLNIEC[339]FMNDKDVSGKM[147]NR	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	0.63	2.60	0.84	0.00	1	1	2	VFIM[147]DNC[339]EELIPEYLNfir	1
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	5.99	1.46	0.00	1	1	2	VLLDTILQLLGDLPKPGQC[339]TK	1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.92	3.43	1.92	0.00	1	1	2	AAAIGIDLGTYS[330]VGVFQHGK	1
HSP7C_HUMAN (P11142) Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) [MASS=70898]	*	1.39	*	*	*	1	1	EIAEAYLGK	1
							2	SAATSGAGSTTSGVVSGLGSR	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	*	3.61	*	*	*	8	2	SFDQADRAKFLQFVTGTSK	1
							2	HWVIRLLSILQR	1
							3	AKFLQFVTGTSKVPLQGFAALEGM[147]NGIQK	1
							2	M[147]ILNLTQSSGFNGFTPLVTLILLR	1
							3	STRM[147]ILNLTQSSGFNGFTPLVTLILLR	1
							1	RKYFR	1
							2	FRLTFFIC[330]SVGFTSPM[147]LFDER	1
HV3G_HUMAN (P01768) Ig heavy chain V-III region CAM [MASS=13668]	*	21.31	*	*	*	1	3	DBSKBTLYLQM[147]NSLRAEBTAVYYC[330]AR	1
HV3L_HUMAN (P01773) Ig heavy chain V-III region BUR [MASS=12981]	*	18.49	*	*	*	1	2	BTLYLZM[147]KTLRTEDTAVYYC[339]AK	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	*	3.71	*	*	*	1	2	SAC[339]SLQSLGNAAPHA	1
HXD12_HUMAN (P35452) Homeobox protein Hox-D12 (Hox-4H) [MASS=29535]	*	17.82	*	*	*	2	2	AAKYDYAGVGRATPGSTLLQGAPC[330]APGFK	1
							2	RC[339]PC[330]SPGRPAVGGGPGEAR	1

								3	M[147]C[339]INTEWGAFGDDGSLEDIRTEFDR	1
								2	AAQLC[330]GAGM[147]AAVVDK	2
								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	C[339]NVSFLLSEDGSGK	1
								2	AILQQLGLNSTC[330]DDSILVK	2
								2	LPVGFTFSFPC[330]QQSK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQQLGLNSTC[339]DDSILVK	3
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	19.85	1.17	0.08	26	11		2	ATDC[339]VGHDVVTLR	1
								2	RAAQLC[339]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	1
								2	C[330]NVSFLLSEDGSGK	1
								2	ATDC[330]VGHDVVTLR	1
								1	ATDC[339]VGHDVVTLR	1
								3	AILQQLGLNSTC[339]DDSILVK	1
								1	ATDC[330]VGHDVVTLR	1
								2	LPVGFTFSFPC[339]QQSK	3
								2	TVC[330]GVVSR	1
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	*	5.15	*	*	*	1		3	HM[147]EASLQELKASPR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	2.81	0.43	0.06	3	2		2	GNPEPSVHC[339]AR	1
								2	GNPEPSVHC[330]AR	1
								2	LFSC[330]EVDGKQPQSVK	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.96	7.38	1.00	0.02	3	2		2	C[339]REVAESC[339]K	1
								2	TFDLYANVRPC[339]VSIIEGYK	1
								2	C[330]REVAESC[330]K	1

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	6.11	1.28	0.05	2	2	2	LGDGLFLQC[330]C[330]R	1
							2	TSLDLYANVIHC[339]K	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	15.27	1.10	0.10	8	5	2	NILGGTVFREPIIC[339]K	1
							1	DLAGC[330]IHGLSNVK	1
							2	VC[330]VETVESGAM[147]TK	1
							2	C[330]ATITPDEAR	1
							2	DLAGC[339]IHGLSNVK	1
							1	DLAGC[339]IHGLSNVK	1
							2	GKLDGNQDLIRFAQMLEK	1
							2	NILGGTVFREPIIC[330]K	1
2	DLAGC[330]IHGLSNVK	1							
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	*	3.49	*	*	*	1	2	YDTPVLVSR	1
IF122_HUMAN (Q9HBG6) Intraflagellar transport 122 homolog (WD repeat protein 10) [MASS=141968]	*	2.90	*	*	*	2	3	IFC[330]LHVFSISAVEVPQSAPM[147]YQYLDRK	1
							3	EWQM[147]ESLIR	1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.50	1.40	0.00	1	2	2	VASLC[339]WHPTR	1
							2	AQAFKNAIRLC[330]K	1
IF2M_HUMAN (P46199) Translation initiation factor IF-2, mitochondrial precursor (IF-2Mt) (IF-2(Mt)) [MASS=81344]	0.00	4.54	0.39	0.00	1	2	2	TGMDC[330]GLSLDEDNMEFQVGDR	1
							2	FKLTRNGHVIWK	1
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	0.00	4.35	11.77	0.00	1	2	2	NRDRAEPMATEPAPAGAPGDLGSQPPAAK	1
							3	TFPPDLNFLPVPGEELPEEC[339]ARAGFPR	1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	*	2.88	*	*	*	3	3	RYDRELLGFQFIFASM[147]QK	1
							2	ELNKKEAVGDLLDAFK	1
							2	DRGEEDADGSK	1
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	*	2.33	*	*	*	2	3	M[147]FFDC[330]LYDEEVISEDIFYK	1
							3	LDFIESDSPC[339]SSEALSCK	1

IFRD1_HUMAN (O00458) Interferon-related developmental regulator 1 (Nerve growth factor-inducible protein PC4) [MASS=50268]	0.62	5.32	1.71	0.00	1	1	2	AAAALASVLC[330]IQLGPGIESEEILK	1
IF_HUMAN (P27352) Gastric intrinsic factor precursor (Intrinsic factor) (IF) (INF) [MASS=45416]	0.00	7.19	0.07	0.00	1	1	2	FAKTLANSSPFNVDTGAM[147]ATLALTC[330]MYNK	1
IG2R_HUMAN (P09565) Putative insulin-like growth factor 2-associated protein (Insulin-like growth factor II-associated protein) [MASS=9081]	0.51	26.19	0.92	0.00	1	1	2	QDTHPPSVIFC[330]LAGVGVPLPV	1
IGS21_HUMAN (Q96ID5) Immunoglobulin superfamily member 21 precursor [MASS=51835]	0.52	6.64	0.73	0.00	1	2	2	YQAQNFTLVC[330]IVSGGK	1
							2	C[330]TAQNPLGSTDHTR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	17.59	0.40	0.29	7	5	1	LLLHC[330]EGR	1
							3	EKDTATLNC[339]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	1
							2	EKDTATLNC[330]QSSGSKPAAR	1
							2	PIITGYKSSLR	1
							2	EKDTATLNC[330]QSSGSK	1
							2	EDDGASIVC[339]SVNHESLK	1
2	LLLHC[330]EGR	1							
3	EKDTATLNC[330]QSSGSKPAAR	1							
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.84	8.32	0.64	0.00	1	3	2	LGKEGTDR	1
							3	LQAQDAGIYEC[330]HTPSTDTR	1
							3	AVLAHVVDVQTLSSQLAVTVGPGER	1
IKAP_HUMAN (O95163) I kappa B kinase complex-associated protein (IKK complex-associated protein) (p150) [MASS=150190]	0.00	4.73	2.36	0.00	1	3	2	GDGQFFAVSVVC[339]PETGAR	1
							3	LMFKEAFEC[339]MR	1
							3	NGLLHGHTLPLFLKDEVKVNLLWNADSSVLAVR	1
IKKA_HUMAN (O15111) Inhibitor of nuclear factor kappa-B kinase alpha subunit (EC 2.7.11.10) (I kappa-B kinase alpha) (IkbKA) (IKK-alpha) (IKK-A) (I kappa B kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor N) [MASS=84653]	*	2.28	*	*	*	1	3	PFLHHLQPFTWHEKIKK	1

IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	*	8.96	*	*	*	3	2	LIC[330]FIALLISSLEADKC[330]K	1
							2	WNGSVIDEEDDPVLGEDYYSVENPANK	1
							1	LIIILVR	1
IL2_HUMAN (P60568) Interleukin-2 precursor (IL-2) (T-cell growth factor) (TCGF) (Aldesleukin) [MASS=17628]	*	17.65	*	*	*	1	3	HLQC[330]LEEELKPLEEVLNLAQSKNFHLR	1
IL8_HUMAN (P10145) Interleukin-8 precursor (IL-8) (CXCL8) (Monocyte-derived neutrophil chemotactic factor) (MDNCF) (T-cell chemotactic factor) (Neutrophil-activating protein 1) (NAP-1) (Protein 3-10C) (Granulocyte chemotactic protein 1) (GCP-1) (Monocyte [MASS=11098]	*	28.28	*	*	*	1	3	VIESGPHC[330]ANTEIIVKLSDGRELC[330]LDPK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	*	3.65	*	*	*	1	2	MFQSTAGSGGVQEDALMAVSTLVEVLGGEFLK	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	7.03	1.74	0.00	1	4	3	LVLPM[147]IKEHIM[147]QM[147]LQNPDWKYR	1
							2	RM[147]LVQC[339]M[147]QDQEHPSIR	1
							3	KFHEKVIAALLQTMEDQGNQR	1
							3	GPEYLTQMWHFMC[339]DALIK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	4.09	*	*	*	2	2	IAGAGLLFVGGGIGGTILYAK	1
							2	ELAEQKATEK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	1.44	*	*	*	1	2	TGDKILEVSGVDLQNASHEAVEAIK	1
INP5E_HUMAN (Q9NRR6) 72 kDa inositol polyphosphate 5-phosphatase (EC 3.1.3.36) (Phosphatidylinositol-4,5-bisphosphate 5-phosphatase) (Phosphatidylinositol polyphosphate 5-phosphatase type IV) [MASS=70150]	0.00	3.73	0.27	0.00	1	1	3	SPLAC[330]DDC[330]SLRSAKSSFSLLAPIR	1
IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	0.47	3.69	1.12	0.00	1	1	3	ERDC[339]LPAAGSSHLQQR	1

IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	5.39	*	*	*	2	3	ILQRELQNVQVNQKVGGM[147]FEAHIQAQSSAIQAPR QQVVAAGTSLPPGPEEAK	1 1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	2.89	*	*	*	1	3	SLNFVSTLLQITMSEQLDLPVRQAGVIYLK	1
IPO9_HUMAN (Q96P70) Importin-9 (Imp9) (Ran-binding protein 9) (RanbP9) [MASS=115831]	0.90	1.73	0.25	0.00	1	1	3	IPAGLC[330]ATAIDILTTVVR	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	*	1.83	*	*	*	2	2	TIQTAFRQYRMNK M[147]IVGKKPVLSLPHR	1 1
IQEC3_HUMAN (Q9UPP2) IQ motif and Sec7 domain-containing protein 3 [MASS=127596]	0.00	4.23	0.99	0.00	1	2	3	DVLDC[330]VVDEM[147]DFSSM[147]ELDEALRKFAQHIR QQGTKLSFKPC[339]GAQGDPQSK	1 1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	*	3.39	*	*	*	1	2	PAPEIRC[339]PIPAFPDSVKPEK	1
IRX4_HUMAN (P78413) Iroquois-class homeodomain protein IRX-4 (Iroquois homeobox protein 4) (Homeodomain protein IRXA3) [MASS=54445]	0.00	7.13	1.52	0.00	1	2	3	IWSLAHTATAAAAAATSLSQTEFPSC[339]M[147]LK MTWPPRNK	1 1
ISL1_HUMAN (P61371) Insulin gene enhancer protein ISL-1 (Islet-1) [MASS=39036]	0.00	9.74	2.22	0.00	1	2	2	LYGIKC[339]AK TC[330]YAANPRPDALM[147]KEQLVEM[147]TGLSPR	1 1
ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	0.00	4.67	0.85	0.00	1	2	2	EPLSDPVGTC[339]YLSTDNFTR 3	1 1
ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	0.00	1.55	0.94	0.00	1	1	2	RWWC[330]DAVLYGEQGHWPGR	1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	*	0.88	*	*	*	1	2	EGKAEDR	1

ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	0.00	8.58	6.56	0.00	1	4	2	KYPVDLYYLVDVSASMHNIEK	1
							3	GQVC[330]SGRGTG[330]VC[339]GRC[330]EC[339]TDPR	1
							2	VLIIHQVILQWNSNK	1
							2	KC[339]DVTGGK	1
ITBP1_HUMAN (O14713) Integrin beta-1-binding protein 1 (Integrin cytoplasmic domain-associated protein 1) (ICAP-1) [MASS=21782]	*	7.50	*	*	*	1	3	RHSSSSSQSSEISTK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	*	4.72	*	*	*	2	2	RNHM[147]QYEIVIKVK	1
							3	QSSFKADVQAHGEGQEFSITC[339]LVDEEEM[147]KK	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	0.00	14.77	0.76	0.00	1	2	2	NGVVYQTF[330]DMTSGGGGWTLVASVHENDMRGK	1
							2	ERC[339]HSAGDGLYFLRTK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	*	11.11	*	*	*	2	3	LVLAGGPLGLM[147]QAVLDHTIPYLHVR	1
							3	IGHFQLM[147]QGKM[147]ADMYTRLMAC[339]R	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	0.00	2.85	0.49	0.00	1	2	3	M[147]AADPEC[339]LDVGLAAM[147]VC[339]KELTLM[147]TEEETRLR	1
							3	M[147]AADPEC[330]LDVGLAAM[147]VC[330]K	1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	*	2.71	*	*	*	3	2	TC[330]QLDANEC[330]EAK	1
							1	NSKM[147]SK	1
							3	C[339]KSQSGGKFTC[330]DC[339]NK	1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	10.93	0.81	0.00	1	6	2	LQAITASSANLR	1
							2	YSLTELNM[147]AGC[339]NKLTQTLIYLRR	1
							3	LDLSHC[330]SHLTDQSSNLLTAVGSSTR	1
							2	M[147]KQSC[339]VLRQC[330]LAPR	1
							2	NSDGLGIKMPDPDFTVNDVKM[147]C[339]VGSR	1
							3	DPLIFKNSDGLGIKMPDPDFTVNDVK	1
JOS1_HUMAN (Q15040) Josephin-1 (Josephin domain-containing 1) [MASS=23198]	*	15.84	*	*	*	1	3	LSPNTM[147]VTPHKSM[147]LGNGNYDVNVIM[147]AALQTK	1
K0056_HUMAN (P42695) Protein KIAA0056 [MASS=168890]	0.00	4.61	0.29	0.00	1	4	3	YIFTLGDIAQLC[330]PAR	1
							3	GLGSLQPWC[330]PLDLR	1
							3	LPC[330]GEYAM[147]FIAWLKYSRSSK	1
							2	DFFAVDKQLASELEYDM[147]K	1

							2	ITDPKMTTC[330]HIDQLNTWYDM[147]K	1
							2	NLGMVC[339]R	7
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	4.31	238.64	0.00	1	3			
							2	EEM[147]VLDNIPKLLNC[330]LRDC[339]NVAIR	1
K0232_HUMAN (Q92628) Protein KIAA0232 (Fragment) [MASS=155619]	0.00	4.14	1.78	0.00	1	3	2	C[339]SDLTLEEMKKQAAVQC[339]LR	1
							2	IC[330]GVDRTQYRAIR	1
							3	GESGLEEYPDAKETPSNEERLLDFNR	1
K0427_HUMAN (O43310) Protein KIAA0427 [MASS=67586]	0.00	8.70	0.98	0.00	1	3	3	WHHGNM[147]KHPPGDKGEAGAHR	1
							2	WHHGNM[147]KHPPGDKGEAGAHR	1
							3	MALFM[147]VEGTKFRSLLLNLQK	1
							2	M[147]LC[339]PSESM[147]LTR	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	0.00	9.66	1.33	0.00	1	3	3	EKVIEYQKQLQLSYVEMYQR	1
							2	ASSKSGSSSSM[147]GR	1
							3	NFHSM[147]QNLC[339]PPQTNGTPEGRQGPGLKGLDK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	0.00	5.63	0.57	0.00	1	4	2	WVLSLC[330]LATLLRK	1
							2	VTVC[330]QALRTLITKGC[330]QAEADR	1
							2	EIC[330]AVLAAVTEVIR	1
							3	EC[330]VAPHM[147]ADIGSVTSSASGPAQSVAK	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	0.00	7.64	17.18	0.00	1	4	2	ETFISNEEPFVVQSC[339]VQKR	1
							2	SDC[339]DSSPEHNLTKIANGVPNSK	1
							3	SDC[339]DSSPEHNLTKIANGVPNSK	1
							3	SVLFYTAC[339]LDPNFPATLFKDKM[147]K	1
							1	HEPVKK	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	*	1.46	*	*	*	1	2	HM[147]EVC[339]QKLQDALK	1
K1279_HUMAN (Q96EK5) Protein KIAA1279 [MASS=71814]	0.00	4.83	18.15	0.00	1	2	1	INNLNK	1
							3	YC[339]LTLMQNAQLSMQDNIGELDLDK	1
K2C5_HUMAN (P13647) Keratin, type II cytoskeletal 5 (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (58 kDa cytokeratin) [MASS=62447]	*	4.75	*	*	*	2	2	NKLAEELEALQK	1
							2	LDSELRNM[147]QDLVEDFK	1
K6PF_HUMAN (P08237) 6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	*	4.24	*	*	*	1	3	GITNLC[330]VIGGDGSLTGADTFRSEWSDLLSDLQK	1

K6PL_HUMAN (P17858) 6-phosphofructokinase, liver type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme B) (PFK-B) [MASS=84917]	*	7.45	*	*	*	3	3	C[339]HDYYTTEFLYNLYSSEGKGVFDC[330]R	1
							2	GGSM[147]LGTKR	1
							3	QANWLSVSNIIQLGGTIIGSARC[330]K	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	6.63	*	*	*	2	3	NVLGHMQGGGAPSPFDRNFGTKISAR	1
							3	THSINALLIIGGFAYLGLLELSAAR	3
KAD4_HUMAN (P27144) Adenylate kinase isoenzyme 4, mitochondrial (EC 2.7.4.3) (Adenylate kinase 3-like 1) (ATP-AMP transphosphorylase) [MASS=25268]	0.96	19.73	1.40	0.00	1	2	2	ENIKASTEVGEMAK	1
							3	TLGQAEALDKIC[339]EVDLVISLNIPFETLKDR	1
KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	*	6.68	*	*	*	1	3	FRSKM[147]EAAGFTISGASHPIC[330]PVM[147]LGDAR	1
KBTB9_HUMAN (Q96CT2) Kelch repeat and BTB domain-containing protein 9 [MASS=71468]	*	2.60	*	*	*	1	3	YHMLPHARQEM[147]QTPRTR	1
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	0.00	9.50	*	*	*	2	3	TLNHQYDYTFDWTMLKQK	1
							2	GFPAEFAMYLNYC[339]R	1
KC1A_HUMAN	0.00	5.34	2.03	0.00	1	1	2	M[147]ASSSGSKAEFIVGGKYK	1

								3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	2
								2	PENLLASKLKGAAVK	1
								3	EYYSEADASHC[339]IQQILEAVLHC[339]HQMGGVVHR	1
								3	NSKPVHTTILNPHIHLM[147]GDESAC[330]IAYIR	1
								2	QETVDC[330]LKK	3
								2	STVASC[339]M[147]HR	2
								2	QETVDC[339]LKK	2
KCC2A_HUMAN (Q9UQM7)								2	STVASC[330]MHR	2
Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	32.43	0.68	0.15	21	8		3	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
								2	STVASC[330]M[147]HR	3
								2	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								2	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								3	LKGAILTTMLATR	1
								3	LYQKIKAGAYDFPSPEWDTVTPEAK	1
								2	STVASC[339]MHR	2
								2	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
KCC2B_HUMAN (Q13554)								2	GTLPPAALEPQTTVIHNPVDGIK	1
Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	8.73	0.71	0.04	4	3		3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
								2	LC[330]TGHEYAAK	1
								2	LC[339]TGHEYAAK	1
								3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2D_HUMAN (Q13557)								3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.89	8.42	0.80	0.00	1	2		3	STVASM[147]M[147]HRQETVDC[330]LK	1

KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al [MASS=137559])	0.00	3.72	1.96	0.07	2	3	2	HIVVC[339]GHITLESVSNFLK	1			
							1	TYNM[147]LC[330]FGIYR	1			
							2	MDALIIPVTMEVPC[339]DSR	1			
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	5.82	0.08	0.00	1	3	2	ENRGSAPQTPPSTAR	1			
							3	STLSLPPEPVDIIRSKTC[339]SR	1			
							2	EEGSSVSSPQDTGHNC[330]R	1			
KCND2_HUMAN (Q9NZV8) Potassium voltage-gated channel subfamily D member 2 (Voltage-gated potassium channel subunit Kv4.2) [MASS=70536]	*	3.02	*	*	*	1	3	TPLSNSRSSLNAKMEEC[330]VK	1			
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	*	4.24	*	*	*	1	3	WGLC[339]MNRLREM[147]VENPQSGPLGK	1			
										3	SKDYEFM[147]WNPFLGYILTC[339]PSNLGTGLR	1
							2	FC[330]TGLTQIETLFK	4			
										KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (BCK) [MASS=42644]	1.00	23.88
2	GFC[330]LPPHC[330]SR	1										
3	SKDYEFM[147]WNPFLGYILTC[330]PSNLGTGLR	2										
							3	LGFSEVELVQMVVDGVKLLIEMEQR	1			
										3	LAVEALSSLDGDLAGR	1

KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	19.33	2.03	0.01	2	4	3	LGYILTC[330]PSNLGTGLRAGVHVRIPK	1
							3	LIDDHFLFDKPVSPLLTC[339]AGM[147]AR	1
							3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[330]PSNLGTGLR	3
							2	LGYILTC[339]PSNLGTGLR	2
							2	KHNNC[339]M[147]AEC[330]LTPAIYSK	1
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.18	0.13	15	2	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]JER	3
							3	HNNC[339]M[147]ASHLTPAVYAR	1
							2	HNNC[330]MASHLTPAVYAR	1
							2	HNNC[339]MASHLTPAVYAR	1
							3	SEVELVQLVIDGVNYLIDC[330]JER	3
KCTD5_HUMAN (Q9NXV2) Potassium channel tetramerization domain-containing protein 5 [MASS=26092]	0.00	21.37	0.87	0.00	1	2	2	SEVELVQLVIDGVNYLIDC[339]JER	3
							3	SEVELVQLVIDGVNYLIDC[339]JER	2
							3	TSQVPVKHVYRVLQC[339]QEEELTQMVSTM[147]SDGWK	1
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	0.00	4.48	*	*	*	1	2	RC[339]SAGLGALAQRPGSVSK	1
							3	GSFEDSTTRFYTAC[339]VVEAFAYLHSGIIYR	1
KGP1B_HUMAN (P14619) cGMP-dependent protein kinase 1, beta isozyme (EC 2.7.11.12) (cGK 1 beta) (cGKI-beta) [MASS=77803]	0.00	2.77	1.26	0.00	1	1	2	SPQSKDLIKEAILDNDFMK	1
KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	0.00	4.60	0.93	0.00	1	3	2	SLC[330]RTGSC[339]SELDAC[339]PSKISQPAR	1
							3	RGDPFYEAQENHNLIGVANVFLEC[330]LFC[330]DVK	1
							3	LQRGLDSYQRDEDEDGDDMDSYQEEDLNC[339]VR	1

KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	*	5.37	*	*	*	5	2	VILNPVNTNLSKGDARGQPK	1																					
							3	QHDGEVKAEASWDSAVHGC[339]PQLSR	1																					
							1	STGLRLGAPEAR	1																					
							2	C[330]FAYDHC[330]FWSM[147]DESVKEK	1																					
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1																					
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	0.00	5.53	0.66	0.00	1	9	3	AQPLEDLAGLKELFQTPVC[339]TDKPTTHEK	1																					
							2	TPSVGKAM[147]DTPK	1																					
							3	SPQPESFKTSRSSK	1																					
							2	IAC[330]KSPPPESM[147]DTPSTRR	1																					
							3	ELFQTPGHTEESM[147]TDDKITEVSC[339]KSPQDPVK	1																					
KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin- like protein 1) [MASS=119273]	*	0.95	*	*	*	1	2	TPHVPYRESK	1																					
							KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	2.46	1.34	0.00	1	1	2	DSLGGNC[339]MTTM[147]IATLSLEKR	1														
														KLD7B_HUMAN (Q96G42) Kelch domain- containing protein 7B [MASS=53295]	*	3.23	*	*	*	1	3	PGGWGVVEGPRKPSSR	1							
																					KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	*	2.31	*	*	*	1	3	HM[147]RVHTRYR	1
																												KLF4_HUMAN (O43474) Krueppel-like factor 4 (Epithelial zinc-finger protein EZF) (Gut- enriched krueppel-like factor) [MASS=50078]	0.00	6.60
KNTC1_HUMAN (P50748) Kinetochore- associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	2.13	*	*	*	3																								
							2	RTYQNLVIEK	1																					
							2	QC[339]QMDDC[339]GILMKASFGTHK	1																					
							KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.69	4.32	0.45	0.00	1	2	3	TTRNDFM[147]GSLSGVSELM[147]K	1														
														2	C[330]DTC[330]DM[147]NVHK	1														
KPCD_HUMAN (Q05655) Protein kinase C delta type (EC 2.7.11.13) (nPKC-delta) [MASS=77477]	0.00	5.18	0.60	0.00	1	2								3	EKVANLC[330]GINQK	1														
														3	FELYRATFYAAEIMC[330]GLQLHLSK	1														

KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	*	7.46	*	*	*	3	3	KQETPDQVGSQRFSVNMPHK	1
							2	SAPTSPC[330]DQEIKELENNIR	1
							2	DLKLDNILLDAEGHC[330]JK	1
KPCG_HUMAN (P05129) Protein kinase C gamma type (EC 2.7.11.13) (PKC-gamma) [MASS=78447]	0.99	4.30	0.49	0.00	1	2	2	DVIVQDDDDVDC[339]TLVEKR	1
							2	FEAC[330]NYPLELYER	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	10.00	0.64	0.21	4	4	2	GIFPVLC[330]JK	1
							2	AGKPVIC[330]ATQM[147]LESMIK	1
							2	NTGIIC[330]TIGPASR	1
							2	VNFAMNVGKARGFFK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]JK	1
KR197_HUMAN (Q3SYF9) Keratin-associated protein 19-7 [MASS=6644]	0.00	19.05	5.80	0.00	1	1	2	RLGYGC[339]GYGGYR	1
KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	*	5.41	*	*	*	2	1	GHQNR	1
							2	VFSTVTAVSVLLLLLLGLLR	1
KRHB1_HUMAN (Q14533) Keratin, type II cuticular Hb1 (Hair keratin, type II Hb1) (ghHkb1) (ghHb1) (MLN 137) [MASS=54971]	0.00	4.75	0.78	0.00	1	2	2	REAEC[330]VEADSGR	1
							2	C[339]KLAELEGALQK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	0.00	3.25	*	*	*	1	3	PGNFSC[339]VSAC[339]GPRPSR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	0.00	4.08	*	*	*	2	1	MLIALDK	1
							2	YGC[339]FMWQLGDTDTC[330]FQIHSM[147]ENK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	0.00	4.58	0.92	0.00	1	2	3	MTDEQVC[339]ETVEKYGANREEC[330]AR	1
							2	IHSSVGSC[330]JENIPSQQR	1
KV1P_HUMAN (P01608) Ig kappa chain V-I region Roy [MASS=11782]	0.00	22.22	1.86	0.00	1	1	3	VTITC[339]QASQDISIFLNWYQQKPGK	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.99	3.50	0.40	0.00	1	4	2	C[330]EASGKPEVQFR	1
							2	LVVFPTDDISLKC[330]EASGK	1
							1	FQGIYR	1
							1	EPIDLRVK	1

LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	*	3.63	*	*	*	6	3	HLLSPQRAPERLIQLAEGNLNTLVTEMNELLTR	1
							3	TFSSSALLM[147]YLATRDRLRDFM[147]SVELTDGHIK	1
							3	QFGLSRNSHIAIAFDDTKVK	1
							2	C[330]SC[339]SDQTGQC[330]TC[339]K	1
							2	C[339]DGC[330]K	1
							2	NEDPC[330]FGPC[339]IC[339]K	1
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	7.93	0.74	0.31	2	2	2	C[339]NAEEHVR	1
							2	C[330]NAEEHVR	1
							3	PLLLLLPVAAARPHALSSAAMFM[147]VK	1
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	*	5.51	*	*	*	1	2	IPQSHIQQIC[339]ETILTSGENLAR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.99	7.33	1.42	0.15	2	2	2	LVHWC[339]HGAPGVIHM[147]LMQAYK	1
							2	LRSDC[330]ESQEC[330]VTK	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	6.63	*	*	*	2	2	VIGSGC[330]NLDSAR	1
							1	DLNPDIGTDK	1
LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	0.00	14.20	*	*	*	2	3	VIGSGC[330]NLDSARFRYLMGER	1
							2	GLYGIKDDVFLSVPC[339]ILGQNGISDLVK	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	13.81	0.51	0.17	5	2	2	GM[147]YGIENEVFLSLPC[339]ILNAR	1
							3	GM[147]YGIENEVFLSLPC[330]ILNAR	1
							2	LKGYTNWAIGLSVADLIESM[147]LKNLSR	1
							3	GMYGIENEVFLSLPC[330]ILNAR	1
2	GM[147]YGIENEVFLSLPC[330]ILNAR	1							
LDHC_HUMAN (P07864) L-lactate dehydrogenase C chain (EC 1.1.1.27) (LDH-C) (LDH testis subunit) (LDH-X) [MASS=36180]	0.00	6.04	*	*	*	1	2	ITIVGTGAVGM[147]AC[339]AISILLK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	11.19	0.45	0.12	2	1	2	FNAHGDANTIVC[330]NSK	1
							2	FNAHGDANTIVC[339]NSK	1

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	5.95	1.05	0.00	1	2	3	EEEITKEEIDILSDAC[330]SKLQEQK LFEDELTLDNLTRPQLVALC[339]K	1 1
LNX2_HUMAN (Q8N448) Ligand of Numb-protein X 2 (Numb-binding protein 2) (PDZ domain-containing RING finger protein 1) [MASS=76004]	*	4.49	*	*	*	1	3	C[330]GDM[147]IVAVNGLSTVGMSSHALVPMLKEQRNK	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	*	2.44	*	*	*	2	3	ALYEHLTAKNTKLDLFLK C[339]VANNQVETLEK	1 1
LRC21_HUMAN (Q9P2V4) Leucine-rich repeat-containing protein 21 precursor (Photoreceptor-associated LRR superfamily protein) (Retina-specific protein PAL) [MASS=68040]	0.00	7.06	0.70	0.00	1	2	2	KC[330]QGPELHPGVASIRSLGSTALLR C[339]ASPRSLAGVAFSQLELRK	1 1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	*	3.96	*	*	*	1	2	LRQEIVEHVKADVLGDQLLTR	1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	0.00	10.46	0.36	0.00	1	1	3	LTVLPDEIC[330]NLKKLETLSLNNHLR	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	0.00	20.52	1.86	0.00	1	3	2	LTTLPSEDFC[339]GLTHLVK	1
							3	LTTLPSEDFC[330]GLTHLVKLDLSKNK	1
							3	WLDLKDNPDPVLAKVAGDC[339]LDEK	1
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	0.00	6.67	1.67	0.00	1	2	2	HTSSTDGTITSSDPGLEILNMASC[339]DLDR TRKPSLSEK	1 1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.25	1.94	1.99	0.00	1	5	3	LDGTLRTLLAGDIEHPR	1
							3	C[330]LC[339]VEGYAPRGGDPHSC[339]K	2
							3	SHAC[339]ENDQYGKPGGC[339]SDIC[339]LLANSHK	1
							2	LERGVGGAPPTVTLLRSER	1
							1	SVIVDTK	1

								2	IEYSTDFPVNLTGLDLSQNNLSSVTNINVKK	1
								1	STSLKVK	12
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	9.04	*	*	*		3			
								3	ELGINNM[147]PELISIDSLAVDNLPLRK	1
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	20.41	0.93	0.08	2	3		3	IQKVDVYDEGSYTC[330]SVQQTQHEPK	1
								3	VDVYDEGSYTC[330]SVQQTQHEPK	1
								3	INGSISLAVPLWLLAASLLC[330]LLSKC[339]	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	1.62	*	*	*		1	2	GLQPQNLWNPTYRS	1
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	9.29	0.83	0.00	2	1		2	QC[330]QPSDTV[330]ASVR	1
								2	QC[339]QPSDTV[339]ASVR	1
M2GD_HUMAN (Q9UI17) Dimethylglycine dehydrogenase, mitochondrial precursor (EC 1.5.99.2) (ME2GLYDH) [MASS=96806]	*	6.93	*	*	*		2	3	RRLVC[330]LTLATDDVDPEGNESIWYNGK	1
								3	VLAGLYNPGDGHIDPYSLTM[147]ALAAGARKC[330]GALLK	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.63	14.06	1.25	0.00	1	2		2	GC[339]IPTM[147]AR	1
								3	AVIGM[147]TAGATGAFVGTPEVALIRMTADGRLPADQR	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	6.44	0.99	0.00	1	3		3	YDM[147]EVPDSGIDLQC[339]TLAPDGSAFWSWR	1
								1	SLAHAGVALAK	1
								3	AEELMAC[339]AGLTSRIVPLYGAVR	1
M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1) [MASS=181550]	*	2.30	*	*	*		2	3	IGEGQYGKVTYC[339]ISVDTGELMAM[147]K	2
								2	TINDQDFFLYTAR	1

M3K5_HUMAN (Q99683) Mitogen-activated protein kinase kinase 5 (EC 2.7.11.25) (MAPK/ERK kinase 5) (MEK kinase 5) (MEKK 5) (Apoptosis signal-regulating kinase 1) (ASK-1) [MASS=154536]	*	2.47	*	*	*	1	3	HKNIVQYLGFSFSENGFIKIFMEQVPGGSLALLR	1
							2	QHTILMSDK	1
							3	HLWENLGEKIAHRQHK	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	*	3.22	*	*	*	10	3	EETYNQLLDKGR	1
							3	AVVRVADERDR	1
							2	DIMEIEGEPAPDHR	1
							3	LEGIGQFHC[330]RVREMFSQLADLDDDELDMGAIGR	1
							3	EETDGLHEELEFIRILGADLIFAC[330]GETEKPEVR	1
							3	HINDLYEDLRDGHNLISLLEVLGSIK	1
							3	EIKFLDVLELAEK	1
							2	LMALGPIR	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	1.38	*	*	*	5	2	TC[339]KPAFLSEEKLYQETAIR	1
							2	LSVDNAFRHGLIGEDLAEK	1
							2	ASKGRDAEK	1
							2	QETNYQDSWVTSKTK	1
							3	PRM[147]SSDAKEFISIINPHNLK	1
MAGAB_HUMAN (P43364) Melanoma-associated antigen 11 (MAGE-11 antigen) [MASS=48129]	*	5.59	*	*	*	1	2	QVPGTDPAC[339]YEFLWGPRAHAETSK	1
MAML3_HUMAN (Q96JK9) Mastermind-like protein 3 (Mam-3) [MASS=121692]	*	2.21	*	*	*	1	2	TSGELGPFNNGASYPLQAGQPRLTK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	6.13	1.27	0.00	1	2	2	FGINC[339]LIQFEDFANANAFR	1
							2	ILGLGDLGC[339]YGM[147]GIPVVK	1
MAOX_HUMAN (P48163) NADP-dependent malic enzyme (EC 1.1.1.40) (NADP-ME) (Malic enzyme 1) [MASS=64149]	*	4.55	*	*	*	2	1	HTHQR	1
							3	EKFAHEHEEM[147]KNLEAIVQEIK	1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	1.00	2.75	0.64	0.05	2	5	2	LSKPC[330]C[330]YIFPGGR	1
							3	SSLLLDTVTSIPSSR	1
							3	RSPTPGKGSXDR	1
							3	SFQYADIYEQM[147]M[147]LTGLGPAC[330]PTR	1
							2	SIEEAC[330]LTLQHLNR	1

MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	0.00	1.99	*	*	*	2	3	HPDVSMVDPEALAIQNLGKALK	1
							2	DAYC[330]SEVKASTTLDIKDSISAVSSEK	1
MAASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b [MASS=75685]	*	1.31	*	*	*	1	2	HDASALDIR	2
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	4.05	*	*	*	3	3	PLSPLSVPTAGSSPLDSPR	1
							3	SPSPLPGHPPAPARSPR	1
							2	IGLM[147]SMATNLYEGHIEK	1
							2	C[339]VKVDLSEK	2
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	4.13	0.49	0.00	1	3	2	GRVETSRVVHIMDFQR	1
							1	KDGSASAAAK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.99	11.55	1.25	0.09	2	3	2	ITLIIGGSYGAGNYGMC[330]GR	1
							2	GTHFVQLC[339]C[339]QR	2
							3	DGAKM[147]VAAVAC[330]AQVPKITLIIGGSYGAGNYGM[147]C[330]GR	1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	*	2.85	*	*	*	1	2	GVTQVTTQPKLGEVQQK	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	0.00	1.26	0.40	0.00	1	1	2	LSC[330]HVDVAVPQEK	1

MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.99	6.01	0.40	0.08	3	2	3	ENFSC[339]LTRLDHNR	1
							2	AIC[330]DHVR	2
							2	AIC[339]DHVR	1
							2	PVSAALRRSFSTSAQNNAK	1
							3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	1
							2	SQETEC[339]TYFSTPLLLGK	2
							2	GYLGPEQLPDC[339]LK	3
							2	TIIP LISQC[330]TPK	1
							2	GYLGPEQLPDC[330]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	39.94	1.16	0.07	19	8	2	GC[330]DVVVIPAGVPR	2
							3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	2
							1	TIIP LISQC[339]TPK	1
							2	SQETEC[330]TYFSTPLLLGKK	1
							2	SQETEC[330]TYFSTPLLLGK	2
							2	VSSFEEKMISDAIPELK	1
							2	C[339]HPRATC[330]LNTPLSYEC[330]HC[339]QR	1
3	YSHVA AVLGGSVLLVAGGYSGRPR	1							
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	*	1.84	*	*	*	2	2	C[339]HPRATC[330]LNTPLSYEC[330]HC[339]QR	1
							3	YSHVA AVLGGSVLLVAGGYSGRPR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	3.87	0.81	0.00	1	1	3	QPKTFTVRIVTMDAEM[147]EFNC[330]EMK	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	2
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	6.08	1.23	0.00	1	2	2	VLPSGIGHTTNC[330]FLR	1
							3	TSNGKSTVINAM[147]LWDKVLPSGIGHTTNC[330]FLR	1
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	3.21	3.52	0.00	1	2	2	ALC[339]PNTRR	1
							3	IM[147]FVVNAVYAM[147]AHALHNMHR	1

								3	GALGSIALLGLVGTTC[330]SAFQHLGWVK	2
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	48.03	0.95	0.02	7	3		2	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
								2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
								3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
								2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
								2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
								2	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1	
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	2.58	0.32	0.00	1	1		3	AQATSPDLESMRKSFPLNLGSDTC[330]YFC[330]K	1
MIER1_HUMAN (Q8N108) Mesoderm induction early response protein 1 (Mi-er1) (hmi-er1) (Early response 1) (Er1) [MASS=60653]	0.00	9.33	0.63	0.00	1	2		2	EIMVGSMFQAEIPVGIC[330]R	1
								3	DSSGQEDETQSSNDPQSQSVASQDAQEIIIRPR	1
MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase 6) (MAPK/ERK kinase kinase 6) (MEK kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MiNK) [MASS=149808]	*	4.50	*	*	*	2		3	KRFNSEILC[330]AALWGVNLLVGTENGLM[147]LLDR	1
								3	IIKDVVLQWGEMPTSVAYIC[330]SNQIMGWGEK	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	0.00	3.50	1.16	0.00	1	9		1	PALHLR	1
								3	ASPVPSDPEKPGTPGEGMLSSDLDRISTEELPK	1
								3	QPGLPQPLMPTQPPAHALQQR	1
								3	AEINGHIDSKLAGLEQK	1
								3	GSEVSVM[147]LTVSAAADKNLNGVM[147]VAVAELLSMK	1
								3	PVAPVAPPELVPMK	1
								3	LAPEGLRGLAVSGLPPQK	1
3	REANGEPIGAPGTSNHLLLAGPR	2								
							2	GYHTFC[339]LKPPM[147]EELPAHSWK	1	
MLP3A_HUMAN (Q9H492) Microtubule-associated proteins 1A/1B light chain 3A precursor (MAP1A/MAP1B LC3 A) (MAP1A/1B light chain 3 A) (MAP1 light chain 3-like protein 1) (Microtubule-associated protein 1 light chain 3 alpha) (Autophagy-related protein LC3 A) [MASS=14272]	0.00	6.61	0.86	0.00	1	1		2	C[339]KEVQQIR	1

MMP25_HUMAN (Q9NPA2) Matrix metalloproteinase-25 precursor (EC 3.4.24.-) (MMP-25) (Membrane-type matrix metalloproteinase 6) (MT-MMP 6) (Membrane-type-6 matrix metalloproteinase) (MT6-MMP) (Leukolysin) [MASS=62554]	0.00	3.38	0.28	0.00	1	1	3	C[330]EGNFDAIANIRGETFFFK	1
							1	TFPGIPK	19
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL-1) [MASS=53977]	*	1.47	*	*	*	1			
MMS19_HUMAN (Q96T76) MMS19-like protein (hMMS19) (MET18 homolog) [MASS=113275]	0.00	2.91	0.58	0.00	1	2	2 2	AC[330]DSVTSNVLPLLEQFHK LLQAAAGASAR	1 1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.99	13.64	1.52	0.01	2	3	3 3 2	RVQANM[147]GAKNHGVVMPDANK LLQDSGAPDGTLNIIHGQHEAVNFIC[339]DHPDIK IKVKGYENGNFVGPTIISNVK	1 2 1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.99	19.84	0.83	0.00	1	4	2 3 3 2	FSDEGGFTC[339]FFR NATGM[147]EVGWYRPPFSR ALVGDEVELPC[339]JR VIGPRHPIR	1 2 1 1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	5.98	*	*	*	2	3	M[147]TGGVTSSELPETEYSLRAFAC[330]GILYMKPR	1
							3	TVFIDVEEVKNKSC[339]LFTTDDGC[339]GM[147]TPHK	1
							2	VLYSNMLGEENTYLWR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.96	14.09	1.09	0.00	1	4	3	LPRPPPEMPESLKK	1
							2	QIPYTMM[147]KFAC[339]FER	1
							2	FAC[330]FER	1
							1	FAC[330]FER	1
MPPA_HUMAN (Q10713) Mitochondrial-processing peptidase alpha subunit, mitochondrial precursor (EC 3.4.24.64) (Alpha-MPP) (P-55) [MASS=58253]	0.99	2.10	1.02	0.00	1	1	2	HGGIC[330]DC[330]QTSR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	*	5.90	*	*	*	7	3	FISSPMKEKGNIQLSYSDGDDC[330]GHGK	1
							3	NGSKNLGKFISSPMK	1
							3	YDFYINVC[330]GPVSVSPC[339]QPDSGAC[330]QVAK	1
							3	M[147]DGC[339]TLTDEQLLYSFNLSLSTSTFKVTR	1
							2	YASAC[339]QM[147]KYEK	1
							3	TQYAC[339]PPFDLTEC[330]SFKDGAGNSFDLSSLSR	1
							1	GKSSSAQQK	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	0.00	1.35	*	*	*	1	2	ISYHGSC[339]PQGLADSAWIPFR	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	*	2.53	*	*	*	1	3	PLAC[339]IIGYLEIHPAK	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	*	5.40	*	*	*	1	3	IGLFRGLSPRLMSNALSTVTR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	9.24	0.80	0.00	1	2	2	VPFKTYC[339]C[339]DLKM[147]LI	1
							2	LC[330]SGVLGTVVHGK	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	10.47	0.34	0.00	1	3	3	AITVENASVLVHC[330]SDGWDR	1
							3	TSQVC[339]SLGSLLLDSYYRTIK	1
							3	LALTTSGC[339]PLVIQC[330]KNFRTVHFIVPR	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	*	3.03	*	*	*	3	2	ASFKLMR	1
							2	HFPSESDLAGEAGPRSQR	1
							2	VSGLIQPAEVFAPKSLVLSRLYPEIFR	1

MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	0.00	1.95	1.39	0.00	1	5	3	AQALDHSC[330]SC[330]C[339]KEEKTSQR	1
							2	FPGLC[330]DYNFASDC[339]RGSYKEFAVHLK	1
							3	VQC[339]DVSVGFIC[339]K	1
							3	SLSEADSHC[339]LEGFAPVDGC[339]GC[339]PDHTFLDEK	1
							2	PIYEEDLKKC[330]VTADK	1
MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78-related protein) [MASS=82088]	*	6.71	*	*	*	2	3	AENM[147]IQLQFRM[147]EQMVFC[330]QDQIYSVVLK	1
							3	MEQM[147]VFC[339]QDQIYSVVLKKVR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	1.75	*	*	*	3	3	TGYADHM[147]GLTR	1
							2	QLAVASPEREIPESISQPNK	1
							2	QSATSSRILSPR	1
MYCN_HUMAN (P04198) N-myc proto-oncogene protein [MASS=49561]	*	3.23	*	*	*	1	3	SEASPRPLKSVIPPK	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	0.53	3.57	0.81	0.00	1	4	2	HEAM[147]ITDLEER	1
							3	SM[147]EAEM[147]IQLQEELAAAER	1
							2	SM[147]M[147]QDREDQSILC[330]TGESGAGKTENTK	1
							2	KLEEEQIILEDQNC[330]K	1
MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	0.93	2.16	0.96	0.00	1	4	2	C[330]IEEHADR	1
							3	KLATATETYIK	1
							2	EHKAVIIQK	1
							2	MPKGTDDTWAQK	1
							3	EQALDVRDAFVKGIYGR	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	4.83	*	*	*	5	3	ELLEQM[147]ERARHEPVNHSDM[147]VDK	1
							2	MDDLTSYISQMLTAM[147]SKQR	1
							3	DAFVKGIYGRFVWIVDK	1
							3	LLC[339]ETSLGYKM[147]DDLTSYISQM[147]LTAMSKQR	1
							3	LVAASPSAM[147]LSQSLDLSDR	1
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	*	2.55	*	*	*	3	2	LLPSLAKAQPAEETTDGERSAK	1
							2	VTQEQQVSLLEDK	1
							3	SRSTSRGDVNDQDAIQEK	1
MYOTI_HUMAN (Q9UBF9) Myotilin (Titin immunoglobulin domain protein) (Myofibrillar titin-like Ig domains protein) (57 kDa cytoskeletal protein) [MASS=55395]	0.00	7.03	3.37	0.00	1	2	3	SRSTSRGDVNDQDAIQEK	1
							2	FIQVPENMSIDEGRFC[339]R	1

MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	8.33	*	*	*	5	2	IQKPNEVSSPPTTSAVIPPQAVPQAQHLVAQPR	1
							2	YGSLTSKGLDIFSAFSSMESTMVYSC[330]SSR	1
							2	HFRVTEGSPVTFTC[330]K	1
							2	FFRPFLQAPGDMVAHEGR	1
							3	VMQENSSSFSDLSEK	1
							2	VC[339]GSNLLSIC[339]K	1
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]							2	VC[330]GSNLLSIC[330]K	2
							2	TTIC[330]GK	1
							2	VC[339]HC[339]LGK	1
							2	GSRGQHQAHSLER	1
							1	VC[339]GSNLLSIC[339]K	1
							1	VC[330]GSNLLSIC[330]K	1
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	18.12	1.26	0.04	12	5	2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	3
							2	TSASIGSLC[330]ADAR	1
							2	TSASIGSLC[330]ADAR	1
							2	TSASIGSLC[339]ADAR	3
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferase) [MASS=231343]	0.00	0.77	*	*	*	1	3	INIKQESADVNVIGNK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	2	EM[147]FGYMK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na ⁺)/Ca ²⁺ -exchange protein 2) [MASS=100367]	0.68	1.52	0.60	0.00	1	1	2	IAEM[147]GKPVLGENC[330]R	1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD ⁺ synthetase (EC 6.3.5.1) (NAD ⁺ synthase [glutamine-hydrolyzing]) (NAD ⁺ synthetase 1) [MASS=79293]	0.00	10.62	*	*	*	4	2	SGNEEVLADVRTIVNQISYTPQDPRDLC[330]GR	1
							2	MVLAYLFAQLSLWSR	1
							2	AVMGIFSLVTGKSPLFAAHGGSSR	1
							1	NLAASR	1

NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	*	7.04	*	*	*	4	2	SAM[147]NILHHELHPNC[330]K	1
							3	LLEHLFDVDVKTGAQPQIVVLQGAAGVGKTTLVR	1
							3	KVM[147]LPEASLLVTTRLTTSK	1
							2	YVFYLNGR	1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	*	4.26	*	*	*	2	2	QALC[339]RFPELALQR	1
							3	MDVAVLSYC[330]VRC[330]C[330]PAGQALRLISC[330]R	1
NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	*	2.44	*	*	*	2	3	M[147]RLKLVPNYNFK	1
							3	GNLQVC[330]AM[147]ASAKLNTLLQTK	1
							2	FFLC[330]QVAGDAK	3
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	9.91	0.39	0.44	12	5	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							2	KVDKNDEAEYIC[330]IAENK	2
							2	FFLC[339]QVAGDAK	1
							3	KVDKNDEAEYIC[330]IAENK	1
							2	LEGQMGEDGNSIKVNLIK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							1	FFLC[330]QVAGDAK	1
							2	KVDKNDEAEYIC[339]IAENK	1
2	VDKNDEAEYIC[330]IAENK	1							
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	2.03	*	*	*	1	3	AVDGFTFTEGDKSPDGR	2
NCKX5_HUMAN (Q71RS6) Sodium/potassium/calcium exchanger 5 precursor (Na(+)/K(+)/Ca(2+)-exchange protein 5) (Solute carrier family 24 member 5) [MASS=54888]	*	5.80	*	*	*	1	3	KGKGDMA MSNIVGSNVFDMLC[330]LGIPWFIK	1
NCS1_HUMAN (P62166) Neuronal calcium sensor 1 (NCS-1) (Frequenin homolog) (Frequenin-like protein) (Frequenin-like ubiquitous protein) [MASS=21747]	0.00	7.41	1.48	0.00	1	1	2	DC[339]PSGQLDAAGFQK	1

NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	*	8.38	*	*	*	1	3	SRSHTSEGAHLDITPNSGAAGNSAGPKSM[147]EVSC[339]	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	18.60	0.49	0.36	3	3	3	LTEAFKYFLQGM[147]GYM[147]ASSC[330]M[147]TRLR	1
							2	SC[330]FQPLFQFEDMQEIIQNFVR	1
							3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	1
							3	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	37.76	1.05	0.07	3	2	2	IHLC[339]QR	1
							3	YAFGQETNVPLNNFSADQVTRALENVLSGKA	1
							2	IHLC[330]QR	2
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.84	0.07	4	1	2	TTGLVGLAVC[339]NTPHER	2
							2	TTGLVGLAVC[330]NTPHER	2
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	0.99	4.09	1.65	0.00	1	1	1	C[339]ALDFFR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	3.10	1.56	0.00	2	1	2	KQC[339]VDHYNEVK	1
							2	KQC[330]VDHYNEVK	1

NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.95	16.43	0.86	0.00	1	1	2	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	13.97	1.20	0.04	6	2	2 3 3 2 2	DYC[330]AHHLIR DYC[339]AHHLIR DYC[330]AHHLIR DSFPNFLAC[339]K DYC[339]AHHLIR	1 1 1 1 2
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	*	9.36	*	*	*	1	3	EEDIMC[330]M[147]YEAEM[147]QWKR	1
							3 2	SSLQQSDFEYKLDREFLK SLQDDPKLVLSMNVAK	1 2
NEBU_HUMAN (P20929) Nebulin [MASS=773208]	*	3.16	*	*	*	11	1 3 2 3 2 3 2 2 2	AAKASR YSTLMDSMNMVLAQNNAKIM[147]NEHLYKQAWQWADK KQIQGKAAYVLDTPEMR KKGHYLAGKVIGEFPGVVHC[330]LDFQK NSKGGKITVVQDTPEILR GHYLAGKVIGEFPGVVHC[339]LDFQKMR QKSIFTSVPDTPDLLRAK ENM[147]GKGTPLPVTPEMER NKGKADYNVLPASENPQLR	1 1 1 1 1 1 1 1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	7.91	0.48	0.00	1	1	3	DYSLQIQNVDTVDDGPYTC[330]SVQTQHTPR	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	0.00	2.73	0.30	0.00	1	1	3	VAGITGVC[330]HHAQDQVAGEC[330]IIEK	1

NELL2_HUMAN (Q99435) Protein kinase C-binding protein NELL2 precursor (NEL-like protein 2) (Nel-related protein 2) [MASS=91346]	0.00	1.23	3.93	0.00	1	1	2	TC[339]LDEM[147]NVVR	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	4.01	0.82	0.26	2	4	2	RGTTVQLEC[330]R	1
							2	GDGPRSETKEFTTPEGVPSAPR	1
							2	LDC[330]PFFGSP IPTLR	1
							2	VKHDPSLK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NF1-B) (NF1/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	3.33	*	*	*	1	2	HPC[339]C[339]VLSNPDQK GK	1
NFS1_HUMAN (Q9Y697) Cysteine desulfurase, mitochondrial precursor (EC 2.8.1.7) [MASS=50195]	0.46	5.47	1.19	0.00	1	2	2	VLDAMPLPYLINYYGNPHSR	1
							2	C[339]IQHVK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	*	11.38	*	*	*	1	2	TFGC[339]GSAIASSSLATEWVK	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.45	4.93	0.42	0.00	1	1	2	FSGGYPALMDC[330]M[147]NK	1
							2	LQFHNVKPEC[339]LEAYNK	2
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	9.09	1.00	0.12	5	2	3	LQFHNVKPEC[339]LEAYNK	1
							3	LQFHNVKPEC[330]LEAYNK	1
							1	DAHSNLLAKK	1
							2	LQFHNVKPEC[330]LEAYNK	1
NKRF_HUMAN (O15226) NF-kappa-B-repressing factor (NFkB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	*	4.49	*	*	*	2	2	MSIEYKYEMM[147]PNRTWR	1
							2	VILESEVIAEAVGVK	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.40	1.68	0.02	2	4	3	TSTSDSEGSC[339]SSENNRGKPKQK	1
							2	EPVGRIMFQLFSDIC[339]PK	1
							2	EPVGRIMFQLFSDIC[330]PK	2
							2	GSTFHRVVKNFMIQGGDFSEGNGK	1
NKX32_HUMAN (P78367) Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) [MASS=34814]	*	18.32	*	*	*	3	2	KNYAGSKWDESEN SER	1
							1	TEDDGVGPR	1
							3	EERGGLAAP EGRPAPGGTAASVAAAPAVC[330]C[339]WR	1
2	PAPGGTAASVAAAPAVC[339]C[339]WR	1							

NLTP_HUMAN (P22307) Nonspecific lipid-transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	*	4.20	*	*	*	1	2	ITGNMGLAMKLQNLQLQPGNAKL	1
NMUR2_HUMAN (Q9GZQ4) Neuromedin U receptor 2 (NMU-R2) (G-protein coupled receptor TGR-1) (G-protein coupled receptor FM-4) [MASS=47726]	0.00	4.82	1.81	0.00	1	1	2	MLFVLVLVFAIC[339]WAPFHIDR	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	5.52	0.96	0.10	6	4	2	VPPAKILIVGGGVAGLASAGAAK	1
							2	FFTGQITAAGK	1
							2	KTC[339]DALQAK	2
							2	EANSIIITPGYGLC[339]AAK	2
2	KTC[330]DALQAK	2							
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	*	1.40	*	*	*	1	2	VLEFGRKQGSSK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	8.88	*	*	*	2	2	FSADKVDTM[147]IVQAISLLDDLDKELNNYIMR	1
							2	TYDPSGDSTLPTC[339]SKKR	1
NOS1_HUMAN (P29475) Nitric-oxide synthase, brain (EC 1.14.13.39) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS) [MASS=160969]	*	1.95	*	*	*	2	3	DNFESAGPLANVRFVSVFGLGSR	1
							2	MRDDNR	1
							2	GGGAYSHC[339]RSLSGVGAGGGPTPRGR	1
3	C[339]SC[330]PHSSPGPR	9							
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	*	1.80	*	*	*	2	3	C[330]SC[339]PHSSPGPR	1
							3	C[330]SC[339]PHSSPGPR	1

NOV_HUMAN (P48745) Protein NOV homolog precursor (NovH) (Nephroblastoma overexpressed gene protein homolog) [MASS=39162]	0.00	5.04	2.74	0.00	1	1	2	AIHLQFKNC[339]TSLHTYKPR	1
NOX3_HUMAN (Q9HBY0) NADPH oxidase 3 (EC 1.6.3.-) (gp91phox homolog 3) (GP91-3) (Mitogenic oxidase 2) [MASS=64934]	*	4.05	*	*	*	1	3	LVAYGIAVNATIHIVAHFFNLER	1
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.73	1.87	0.85	0.00	1	1	2	C[339]AHIEAK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	1.25	*	*	*	1	3	FFKNSYSPLLLKDWM[147]R	1
NPHP1_HUMAN (O15259) Nephrocystin-1 (Juvenile nephronophthisis 1 protein) [MASS=83299]	*	4.51	*	*	*	1	3	DRMSLQSTDILISHPM[147]LATFPM[147]LLEQPDVMDALR	1
NPT3_HUMAN (O00624) Sodium-dependent phosphate transport protein 3 (Sodium/phosphate cotransporter 3) (Na(+)/Pi cotransporter 3) (Solute carrier family 18 member 2) [MASS=47350]	0.00	1.83	*	*	*	1	1	M[147]DGKPATR	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	11.70	0.38	0.01	5	2	2	SENKNEGQDATM[147]YC[330]K	1
							2	AEDSGEYHC[339]VYHFVSAPK	2
							2	AEDSGEYHC[330]VYHFVSAPK	2
NR4A3_HUMAN (Q92570) Orphan nuclear receptor NR4A3 (Nuclear hormone receptor NOR-1) (Neuron-derived orphan receptor 1) (Mitogen-induced nuclear orphan receptor) [MASS=68229]	0.00	4.95	1.33	0.00	1	1	3	YC[339]PTDQAAAGTDAEHVQQFYNLLTASIDVSR	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	4.71	*	*	*	2	2	MRQVC[330]C[339]SALPPPPLEK	1
							2	SDSPPLC[339]PAADSRYYSLDSHSTR	1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	*	2.10	*	*	*	1	2	HPQM[147]IKVDFFAIEM[147]LDGHLYL LLDLM[147]GSGTIK	1

NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	*	7.01	*	*	*	5	2	PSTRSDRLAVGFSTTVK	1
							3	NNAVVC[330]KDGWNRFC[339]DC[330]JGTGYWGR	1
							2	IADTKMKIYGEVVK	1
							2	NLDLKGDLYM[147]AGLAQGM[147]YSNLPKLVASR	1
							2	RMGSISFDFRTTEPNGLILFTHGK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	9.54	0.61	0.22	4	5	2	GILLYGPPGC[330]GK	1
							2	SQLSC[339]VVVDDIER	1
							3	LGANSGLHIIIFDEIDAIC[330]K	1
							2	LGANSGLHIIIFDEIDAIC[330]K	1
							3	APPQGRKLLIIGTTSR	1
2	MAGRSM[147]QAAR	1							
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	*	1.77	*	*	*	2	2	DSDPVM[147]AGIGEEIAHFQK	1
							2	PTLESTPVPSVSAPNIAMK	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.95	13.04	0.88	0.00	1	1	2	STPYEC[330]GFDPM[147]SPAR	1
							2	LSVAGNC[339]R	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	18.98	1.17	0.03	10	8	2	FC[339]YHER	2
							2	VVAAC[339]AM[147]PVM[147]K	1
							3	DC[330]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
							3	MC[330]LVEIEKAPKVVAAC[339]AM[147]PVMK	1
							2	NIGPLVKTIMTRC[330]IQC[339]TR	1
							2	VVAAC[330]AM[147]PVM[147]K	1
							2	LSVAGNC[330]R	1
							2	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
							3	TESIDVMDAVGSNIVVSTRTGEVMRILPR	1
							2	VLFLLGADGGC[339]ITR	1
							3	MC[330]LVEIEKAPKVVAAC[330]AMPVM[147]K	1
							2	FC[330]YHER	1

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	22.20	0.90	0.53	8	6	2	YLVVNADEGEPGTC[330]KDR	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
							2	GAGAYIC[339]GEETALIESIEGK	1
							2	LLEGC[330]LVGGR	1
							2	NAC[330]GSGYDFDFVVR	2
							3	SVC[330]ETVLM[147]DFDALVQAQTGLGTAIVVMDR	1
							2	GAGAYIC[330]GEETALIESIEGK	1
							2	YLVVNADEGEPGTC[339]KDR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.73	1.73	1.32	0.00	1	1	2	IIAQC[339]LNK	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	0.95	0.04	5	1	3	YHIQVC[330]TTTTPC[330]M[147]LR	1
							2	YHIQVC[339]TTTTPC[339]M[147]LR	1
							2	YHIQVC[330]TTTTPC[330]MLR	1
							3	YHIQVC[339]TTTTPC[339]M[147]LR	1
							2	YHIQVC[330]TTTTPC[330]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	21.90	1.27	0.04	4	3	2	C[330]IAC[330]K	1
							3	C[330]IAC[330]KLC[330]EAIC[330]PAQAITIEAEPR	1
							2	C[339]IAC[339]K	1
							1	C[339]IAC[339]K	1
							2	LC[339]EAIC[339]PAQAITIEAEPR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.71	12.68	1.12	0.00	1	1	3	IVPVDIYIPGC[330]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	0.82	0.05	7	2	3	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	2
							3	VIAC[330]DGGGGALGHPK	1
							2	TGTC[339]GYC[339]GLQFR	1
NVL_HUMAN (O15381) Nuclear valosin-containing protein-like (Nuclear VCP-like protein) (NVLp) [MASS=95050]	*	4.67	*	*	*	2	2	KGNPDSVSNTPEMEQR	1
							2	KGNPDSVSNTPEMEQRETTSSTPR	1
O10G2_HUMAN (Q8NGC3) Olfactory receptor 10G2 [MASS=34472]	0.00	5.48	1.73	0.00	1	1	2	YLAIC[339]QPLHYPVLM[147]NGR	1

O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	0.00	9.27	5.29	0.00	1	1	3	HVSPLINVLM[147]ANVLLLVPPLTNPIVYC[339]VK	1
O51F1_HUMAN (Q8NH61) Olfactory receptor 51F2 [MASS=37205]	*	7.27	*	*	*	1	3	IAKIGM[147]SM[147]LIRNVAVMLPVMLFVK	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	*	9.15	*	*	*	1	3	LRALNNC[339]LSHILAVLVLYIPM[147]VGVSMTHR	1
O51T1_HUMAN (Q8NGJ9) Olfactory receptor 51T1 [MASS=36998]	0.00	11.62	0.52	0.00	1	2	2 TIRQAMFQLLQSKGSWGFNVR 2 FVAIC[330]NPLNYATILTDR	1 1	
O52K1_HUMAN (Q8NGK4) Olfactory receptor 52K1 [MASS=35289]	*	6.69	*	*	*	1	2	IGMAAVAWAVTLMTPLPFLLR	1
OAT5_HUMAN (Q63ZE4) Solute carrier family 22 member 10 (Organic anion transporter 5) [MASS=59033]	0.00	5.08	0.97	0.00	1	2	2 ISIPLDSNLRPEKC[330]R 3 C[339]LALLTLNHMGR	1 1	
							2	LHVSLM[147]ENYPGTLQALGEPiR	1
							3	FQQGPTC[330]HLAVRGPM[147]HTLTLGLRPEDSGLM[147]VFK	1
							2	ASLIVRERPAAIK	1
							3	VTLEDAGTVSFHVGTC[330]SSEAQLKVTAK	1
							3	ASAELRIQSPM[147]LQAQEQC[330]HR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	2.75	0.36	0.00	1	12	2 LMPADAGVYR 2 EAMRAEGAPASPPSTGTRTC[330]TVTEGK 2 GVLEEC[339]QVSRASAQVR 2 AAPVEWRK 2 LLGPKAPGPSTGDLTGPGPC[330]PR 2 LEVRVKPVVFLK 2 RVLLVRDVAR 2 ASAELRIQSPMLQAQEQC[339]HR	1 1 1 1 1 1 1 1	
OCLN_HUMAN (Q16625) Occludin [MASS=59143]	0.00	5.94	1.37	0.00	1	1	3	GFM[147]LAM[147]AAFC[339]FIAALVIFVTSVIRSEM[147]SRTR	1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.00	2.11	0.44	0.00	1	2	2 C[339]LDSAYDPR 3 LC[330]M[147]PDANEVK	1 1	
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	*	1.14	*	*	*	1	1	M[147]LFSTC[330]JK	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.75	8.88	1.14	0.00	1	4	2 WVRQNGIVLLLPHGM[147]EGMGPEHSSARPER 2 FGLEGC[330]EVLIPALK 2 RNGTHNEM[147]DEPMFTQPLMYKQIR 3 ELEQIFC[339]QFDSKLEAADEGSGDVK	1 1 1 1	

ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.69	3.58	1.55	0.00	1	1	2	DVPIGAIIC[339]ITVGKPEDIEAFK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	14.36	1.11	0.15	5	4	2	KC[339]DLHR	1
							2	C[339]DLHR	1
							1	C[339]DLHR	1
							2	VDGM[147]DILC[339]VR	2
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	14.76	0.99	0.04	2	3	3	GKGGSM[147]HMYAKNFYGGNGIVGAQVPLGAGIALAC[330]K	1
							2	PVGHC[330]LEAAVLSK	1
							2	EGVEC[330]EVINM[147]R	1
							3	PVGHC[339]LEAAVLSKEGVEC[339]EVINMRTIR	1
2	PVGHC[339]LEAAVLSK	1							
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	4.19	*	*	*	1	2	STVPHAYATADC[330]DLGAVLKVR	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.97	3.64	0.54	0.00	1	1	2	AHVIGTPC[330]STQISSLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	7.81	0.97	0.10	8	5	3	TQEQC[330]VHNETKNELEK	1
							2	TQEQC[339]VHNETKNELEK	1
							2	C[330]NEEHPAYLASDEITTVR	1
							2	TALNHC[339]NLC[339]R	1
							2	C[330]NEEHPAYLASDEITTVRK	1
							3	TQEQC[339]VHNETKNELEK	1
							2	IFPRGSGEM[147]M[147]TR	1
							2	TALNHC[330]NLC[339]R	1
2	TALNHC[330]NLC[330]R	1							
2	TQEQC[330]VHNETKNELEK	1							

OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	13.62	0.90	0.07	2	2	2	DQSGEYEC[330]SALNDVAAPDVRK	1
							3	DQSGEYEC[339]SALNDVAAPDVRK	1
							3	GRMSTLTFNFVSEKDYGNVTC[339]VATNK	1
							3	DQSGEYEC[330]SALNDVAAPDVRK	1
OR4DB_HUMAN (Q8NGI4) Olfactory receptor 4D11 [MASS=34969]	0.00	8.04	0.80	0.00	1	1	3	NLAILDIC[330]FSSTTAPKVLDDLKSK	1
OR4N4_HUMAN (Q8N0Y3) Olfactory receptor 4N4 [MASS=35822]	*	5.06	*	*	*	1	2	AASEGKKNKAMSM[147]C[339]TTR	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	11.62	25.20	0.00	1	2	2	ALC[339]C[339]TLHLYQHQPDPKKASR	2
							3	YM[147]AIC[339]YPLHYPVIVSGR	1
OR8S1_HUMAN (Q8NH09) Olfactory receptor 8S1 [MASS=39694]	*	1.67	*	*	*	1	1	GERSLR	1
ORNT1_HUMAN (Q9Y619) Mitochondrial ornithine transporter 1 (Solute carrier family 25 member 15) [MASS=32736]	0.00	17.94	0.35	0.00	1	2	3	LSDLQNAAGSFASAFALVLC[330]PTELVK	1
							3	AFPANGALFLAYEYSRKLML[147]M[147]NQLEAY	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	0.00	6.82	1.10	0.00	1	3	2	PFNPLLGETFELDR	1
							3	PNYSLNLWSIMKNC[330]IGKELSK	1
							2	M[147]EC[339]FKVQPVIGENGGDARQR	1
							2	QC[339]TM[147]EMATGEVDVPLVSIFK	1
							2	DSQETDGLLPGSRPSSR	1
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	*	4.71	*	*	*	6	3	GPIM[147]PVPMGIRPVLSKYR	1
							1	RHTVRDK	3
							2	GVQSSLIHNYKK	1
							2	PITFEVTIGNYGNEVDGLSR	1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	*	4.73	*	*	*	1	2	IHGVQQQYAYKQR	1
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (Cal-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	*	1.49	*	*	*	1	1	PAFILGSMRDEK	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.52	4.05	0.63	0.00	1	2	1	AQKPWAKK	1
							2	AYHLAC[330]KEEK	1

PADI2_HUMAN (Q9Y2J8) Protein-arginine deiminase type-2 (EC 3.5.3.15) (Protein-arginine deiminase type II) (Peptidylarginine deiminase II) (PAD-H19) [MASS=75563]	0.55	3.16	1.76	0.00	1	1	3	GLLEPLGLEC[339]TFIDDISAYHK	1
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	10.84	0.01	0.00	1	4	2 MLLASPGAC[330]FKLFQEK 2 MLLASPGAC[330]FK 3 KATAFFPDLVNMLVLGKHLGIPK 2 ATAFFPDLVNMLVLGKHLGIPK	1 1 1 1	
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	4.27	*	*	*	3	2 FDELLHLASR 2 LLLVQTGSSSPC[339]LDLSR 1 SLLDTR	1 1 1	
PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenyltransferase (EC 2.7.7.4) (Sulfate adenylate transferase) (SAT) (ATP-sulfuryl) [MASS=70833]	*	9.46	*	*	*	3	3 EGQKPPEGFM[147]APKAWTVLTEYYK 3 VLTM[147]APGLITLEIVPFRVAAYNK 2 ATNVTYQAHHVSR	1 1 1	
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	28.57	0.65	0.19	5	3	2 VTVAGLAGKDPVQC[330]SR 3 GLIAAIC[330]AGPTALLAHEIGFGSK 2 DVVIC[339]PDASLEDAKK 2 DVVIC[330]PDASLEDAKK	1 1 2 1	
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	*	4.18	*	*	*	1	3 ILC[330]RYQETGSIRPGAIGGSK	1	
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	*	4.40	*	*	*	2	3 VGEEHVYSFPNK 2 ELDELMASLSDFK	1 1	
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	0.51	5.75	3.28	0.00	1	1	3 FC[339]DAFNIPLITFVDVPGFLPGTAQEYGGIIR	1	
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	*	4.79	*	*	*	2	2 SYEIDVQAQDLGPNSIPAHC[339]JK 3 SYEIDVQAQDLGPNSIPAHC[330]KIIIKVVDVNDNK	1 1	
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	*	1.66	*	*	*	1	2 AHLIKSSSTFKDLEGNLTK	1	
PCDG5_HUMAN (Q9Y5G8) Protocadherin gamma A5 precursor (PCDH-gamma-A5) [MASS=100934]	*	2.36	*	*	*	1	3 SHLIFPQPNYADTLLSEESC[330]JEK	1	

PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	*	2.44	*	*	*	1	2	TAAGVMP S A P A I P G T N M Y N T E R A N P M [147] L N L P N K	1
							2	SSC[339]SEYSPSIESDPEGFEISPEK	1
							2	PLPEEKKLIP E E E E K	1
							2	AKSPGVDPKQLAAELQK	1
							2	EEHKSSMM[147]PGFLSEVNALSAVSSVVK	1
							2	PPIAPKPVIPQLPTTTQK	1
							2	REETDWF DK	2
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	5.56	*	*	*	15	3	APFQYTEGYTTKGSQTMTSSGAQKK	1
							2	GYDRDIAFIMDDFQHAMS DSEAYHLRR	1
							2	RILPPSM[147]YLLQKTK	1
							2	QIEMSADEDASGSEDEFIR	1
							3	AVLPTKLEKSPK	1
							3	RTLPPPEEISTGTQSTFSTM[147]GTVSR	1
							3	HRPHGPLLPTIEDSSEEEELR	1
							2	TAPVTTTSAVSKSSPQQQTSPK	1
							1	AIPRPASDSK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	*	1.68	*	*	*	2	3	EPPTAQDGELAAALHVKEDC[330]ALQLM[147]LAR	1
							3	DAPLC[330]KQEGVMSVLTVC[330]QRQLQSELLLVK	1
PCOC1_HUMAN (Q15113) Procollagen C-endopeptidase enhancer 1 precursor (Procollagen COOH-terminal proteinase enhancer 1) (Procollagen C-proteinase enhancer 1) (PCPE-1) (Type I procollagen COOH-terminal proteinase enhancer) (Type 1 procollagen C-proteinase) [MASS=47972]	0.00	5.57	11.74	0.00	1	1	2	RTGTLQSNFC[339]ASSLVVTATVKSM[147]VR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	7.12	*	*	*	3	2	NHPDLAPNYDSYASYDVNGNDYDPSPR	1
							2	GSC[339]IPDC[339]EPGTYFDSELIR	1
							3	C[339]VPAC[330]GEGFYPEEM[147]PGLPHKVC[339]R	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	*	6.14	*	*	*	1	3	LYYLNIEC[339]AASAMEM[147]SAIAAHNAALLAYHR	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-) (Apoptosis-inducing factor) [MASS=66900]	0.99	9.14	0.76	0.00	1	3	2	C[339]LIATGGTPR	1
							2	SITIIGGGFLGSELAC[330]ALGR	1
							3	ISREVKSITIIGGGFLGSELAC[339]ALGR	1

PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	0.63	4.75	1.59	0.00	1	1	3	FIQENIFGIC[339]PHM[147]TEDNKDLIQGK	1
							3	IKSFENLANADR	1
							3	TPGPKDRIVM[147]EVTLNK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	0.00	3.70	0.41	0.00	1	7	3	HYC[339]YEQNWPHESTSFSSVKQRIK	1
							3	QASLPGSPQALRNPLLR	1
							1	TPGPKDR	1
							1	NPLLRQR	1
							2	TELEITPRRSPGPPAGGVSC[330]PEK	1
PDZK4_HUMAN (Q76G19) PDZ domain-containing protein 4 (PDZ domain-containing RING finger protein 4-like protein) [MASS=86170]	0.00	7.02	0.82	0.00	1	3	3	AMAGNSNLNRTPPGPAVATPAK	1
							3	M[147]GC[330]NM[147]C[339]VVQK	1
							3	RHRGQQGEHEHYHSC[339]VQLAPTR	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	*	2.02	*	*	*	1	2	STLPNPFHLGNLKKDLPEK	1
PE2R2_HUMAN (P43116) Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype) [MASS=39760]	*	2.51	*	*	*	1	3	LMRSVLC[330]C[339]R	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	*	8.46	*	*	*	1	2	PDLLTM[147]VVDYR	1
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609]	0.21	9.47	0.82	0.00	1	2	2	EKLHAVNAEEC[330]NVLQGR	1
							3	LYALYKQATEGPC[330]NMPK	1
PEPL1_HUMAN (Q8NDH3) Probable aminopeptidase NPEPL1 (EC 3.4.11.-) (Aminopeptidase-like 1) [MASS=55861]	*	1.72	*	*	*	1	2	GKTTM[147]PGMK	1
PEX19_HUMAN (P40855) Peroxisomal biogenesis factor 19 (Peroxin-19) (Peroxisomal farnesylated protein) (33 kDa housekeeping protein) [MASS=32806]	0.00	11.04	2.45	0.00	1	1	3	ELAGEM[147]PPGLNFDLALNLSGPPGASGEQC[339]LIM[147]	1

PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	8.30	0.94	0.06	2	1	2	YADLTEDQLPSC[330]ESLKDTIAR YADLTEDQLPSC[330]ESLKDTIAR	1 1
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	2.39	0.88	0.00	1	5	3 2 2 3 3	C[330]EHSQALHC[330]HPEAC[330]GPDATC[330]VNR TDEANC[330]PTK EFREVSEAVVDTLESEYLK C[330]KNNVVGRLC[339]NEC[330]ADGSFHLSTR DMSDELNC[339]EEPVLGISPTFSLLVETSLPPR	1 1 1 1 1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	5.05	0.49	0.00	1	2	3 2	GGVAVVPASGDC[330]VPSPC[330]HNGGTC[330]LEEEEGVR FC[339]NPGWDAFQGAC[330]YK	1 1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	7.69	0.65	0.27	2	2	2 2	AC[330]ANPAAGSVILLENLR DVLFLKDC[330]VGPEVEK	1 1
PHAR3_HUMAN (Q96KR7) Phosphatase and actin regulator 3 (Scapinin) (Scaffold-associated PP1-inhibiting protein) [MASS=62552]	*	1.79	*	*	*	1	2	QQIEMKLSKR	1
PHLA1_HUMAN (Q8WV24) Pleckstrin homology-like domain family A member 1 (T-cell death-associated gene 51 protein) (Apoptosis-associated nuclear protein) (Proline- and histidine-rich protein) (Proline- and glutamine-rich protein) (PQ-rich protein) [MASS=29524]	*	4.63	*	*	*	1	2	YMYFTVVM[147]AEGK	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	0.00	4.64	2.48	0.00	1	2	2 2	VYLIYGNDLGLPPVDLKDKEAHR GSPC[339]GLSTHVEIGHR	1 1

PHLPP_HUMAN (O60346) PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	*	2.04	*	*	*	2	3 2	RGAPQPIAGGAAPVPGAGGGANSLRR TLLKHR	1 1
PI3R4_HUMAN (Q99570) Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	*	1.25	*	*	*	1	2	PLLQQGLSDAEFVIVK	1
PI52A_HUMAN (P48426) Phosphatidylinositol-4-phosphate 5-kinase type-2 alpha (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type II alpha) (1-phosphatidylinositol-4-phosphate 5-kinase 2-alpha) (PtdIns(4)P-5-kinase isoform 2-alpha) (PIP5KII-alpha) [MASS=46224]	0.97	9.11	0.96	0.00	1	3	2 3 3	FKEYC[330]PM[147]VFR EVYFMAIIDILTHYDAK ENMPSHFKFK	1 1 1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]	*	5.36	*	*	*	1	3	PSYIHYQPAQDRLQPHLLEM[147]LIQLPANSVTK	1
PIN1_HUMAN (Q13526) Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Rotamase Pin1) (PPIase Pin1) [MASS=18243]	0.97	4.29	0.67	0.00	1	1	2	C[330]SHLLVK	1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	*	4.37	*	*	*	2	2 3	QRVVAWLAQHNFPHGVVSFC[330]DGLVHDPLRHK PYTDGPGGSGQYTHKVYHVGM[147]HIPSWFR	1 1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	7.62	*	*	*	4	2	SAAASLSSMELIPIEFVLPTSQRKC[339]K	1
							2	HYQQRFAVILEAYLR	1
							3	GALLNLQIYC[339]GKAPALSSK	1
							2	HHTNLLIILFSM[147]MLMTGM[147]PQLTSK	1
PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	*	2.44	*	*	*	3	2	MHPEEMQRIHDQIVR	1
							3	TTSM[147]RTPNFM[147]YVK	1
							3	GAPVRLSMQAEATINASVQLDC[330]PAAR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	8.87	*	*	*	6	2	TNSMQQLEQWIK	1
							2	TNSM[147]QQLEQWIK	1
							3	IQDVMEGLSKHKQQR	1
							2	TYYFC[330]TDTGKEM[147]ELWM[147]K	1
							1	PFSTVKYK	1
							2	VDKITSENAPTKETNNIPNHR	1
							3	KTENISYEMLFEPEPNGVNSVEM[147]MDK	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	*	0.93	*	*	*	2	2	LAAEVGLLTR	1
							2	TPKLELLGGAM[147]YYLEAEHHGIAPSRGMR	1
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	4.28	1.95	0.00	1	1	3	DATLEAC[339]AGALQNLTASKGLM[147]SSGM[147]SQLIGLK	1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	*	5.84	*	*	*	3	2	SLPREESAGAAPGEGPEGVDGRVR	1
							3	AC[330]EC[330]PPELC[330]EQDPLIAKADAQESR	1
							2	PPDEEPIITHGFTM[147]TTDIFFK	1
PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	*	2.97	*	*	*	10	2	ELEEVSPEPVPVATTQRTLAR	1
							3	LVAIRTEYNLRLK	1
							3	M[147]VAGM[147]LM[147]PRDQLR	1
							2	EKEAENER	1
							2	QEIQAM[147]PLADSQAVREQLR	1
							2	NDDIADGNPK	1
							2	LKAGVAAPATQVAQVTLQSVQR	1
							3	WLC[330]QAEVERAR	1
							2	M[147]KQVAEEAAR	1
							2	ALAEAAKRQR	1

PLMN_HUMAN (P00747) Plasminogen precursor (EC 3.4.21.7) [Contains: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] [MASS=90569]	*	4.20	*	*	*	2	2	2	AFQYHSKEQQC[330]VIM[147]AENR TPENYPNAGLTMNYC[339]R	1 1	
PLOD3_HUMAN (O60568) Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	*	6.64	*	*	*	2	2	3	TLGLGEEWRGGDVARTVGGGQK GDTLRM[147]ELPQRDVFSGSDTDPDM[147]AFC[339]K	1 1	
PLSB_HUMAN (Q9HCL2) Glycerol-3-phosphate acyltransferase, mitochondrial precursor (EC 2.3.1.15) (GPAT) [MASS=93794]	*	5.92	*	*	*	3	2	3	2	DTSINESRNATDESLR ILQEM[147]VATVSPAMIRLTGWVLLK RRLDETPDGR	1 1 1
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	*	0.74	*	*	*	1	3		IRKILVDLSNPGGR	3	
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	*	2.43	*	*	*	2	3	3	DRGNVASLIM[147]TVLQSKLEYATDVLK PC[330]TVTSDVQLLC[330]ESPNLIGR DPAEC[339]PQAQLTDNANQLLLVSSR VPDGATVGLVPQLHR	1 1 1 1	
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	0.00	6.08	1.26	0.00	1	5	3	2	3	AFADVQYAVSVASRPC[339]NPEPSLYRTSAR VSDNVDAILAVIAQTFIDSC[330]TTSEHK LLSMKGTQKFVDDTFQAILS VNR	1 1 1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	4.31	*	*	*	4	1	3	1	SLDTRGDLAK AEDVDLEWFASSTQSYILRDLDDTSVVEDGRK TDTSIAC[330]TMPEGALPAPVPVC[339]VRFER C[339]EASPNTSPQDC[330]PR	1 1 1 1
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	0.00	6.84	0.51	0.00	1	4	1	3	2	HHTSK RGMLSSSTSGAISDK SVHQIC[330]SGQVVLSLSTAVK TMFAEM[147]EIIGQFNLGFIITK	1 1 1 1
POPD1_HUMAN (Q8NE79) Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1) [MASS=41451]	0.00	3.61	0.78	0.00	1	1	2		RLTGQFC[330]M[147]IQTLK	1	
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.69	3.03	0.58	0.00	1	1	2		GNHEC[330]ASINR	1	

PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	*	2.30	*	*	*	1	2	PRVDILKAHLMK	1
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUCI) [MASS=49903]	*	10.88	*	*	*	2	2	KTETETSLHPLLQEIYKDMY	1
							3	SSSPPSLLDQLQM[147]GC[339]DGASC[339]GSLNM[147]EC[339]R	1
PPB1_HUMAN (P05187) Alkaline phosphatase, placental type precursor (EC 3.1.3.1) (PLAP-1) (Regan isozyme) [MASS=57953]	*	3.36	*	*	*	1	3	FNQC[339]NTTRGNEVISVMNR	1
PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	*	3.54	*	*	*	1	3	EGKFLWPGFGENSRLVLEWMFNR	1
PPCT_HUMAN (Q9UKL6) Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain-containing protein 2) [MASS=24843]	*	4.67	*	*	*	1	2	QSLAIESDGK	1
							3	HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	31.71	0.96	0.16	7	3	2	IIPGFM[147]C[339]QGGDFTR	1
							2	IIPGFM[147]C[330]QGGDFTR	1
							2	KITIADC[339]GQLE	1
							2	IIPGFMC[330]QGGDFTR	1
							2	KITIADC[330]GQLE	1
							2	IIPGFMC[339]QGGDFTR	1
PPIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	0.31	6.73	1.00	0.00	1	1	2	DKPLKDVIIADC[339]GK	1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	*	5.15	*	*	*	1	3	AQGWQGLKEYDQALADLKK	1

PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	*	3.39	*	*	*	1	3	AFMVNGQKFMEYVAEQWEM[147]HR	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	0.00	4.78	0.74	0.00	1	3	3 FSDC[330]EFPYEFC[330]TVC[330]FSPFK 3 ENLPDPNVQKYIHPC[330]EIC[339]GRIFNSIGNLER 2 GYEDRDRADPQQLPEAVPAGLVR	1 1 1	
PRDM1_HUMAN (O75626) PR domain zinc finger protein 1 (PR domain-containing protein 1) (Beta-interferon gene positive-regulatory domain I-binding factor) (BLIMP-1) (Positive regulatory domain I-binding factor 1) (PRDI-binding factor 1) (PRDI-BF1) [MASS=87991]	*	0.63	*	*	*	1	1 EYSVK	1	
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	12.11	1.08	0.00	1	1	3 AFQYVETHGEVC[330]PANWTPDSPTIKPSAASK	1	
PRI1_HUMAN (P49642) DNA primase small subunit (EC 2.7.7.-) (DNA primase 49 kDa subunit) (p49) [MASS=49902]	*	10.00	*	*	*	2	3 DDIYIRYQSFNNQSDLEKEMQK 3 C[339]C[330]SSADIC[339]PKC[339]WTLMTM[147]AIR	1 1	
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	6.88	*	*	*	2	2 ISLDQIDLLSTKSFPPC[330]M[147]R 3 GRKVYLEDFAYVPLK	1 1	
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.82	3.29	0.99	0.00	1	1	2 FNVEKPLIFNTYQC[339]YLK	1	
PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	0.00	3.01	0.67	0.00	1	1	2 LEEAC[330]DMALELNASK	1	
PRP4B_HUMAN (Q13523) Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 pre-mRNA-processing factor 4 homolog) (PRP4 kinase) [MASS=116972]	0.00	2.18	2.21	0.00	1	1	3 SYDYGIDM[147]WSVGC[339]TLYELYTGK	1	

PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	*	6.79	*	*	*	1	2	LSTGC[330]TGTLVAEKHVLTAHC[330]IHDGK	1
PSD12_HUMAN (O00232) 26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit p55) [MASS=52773]	0.00	7.91	0.85	0.00	1	2	2	YYNLM[147]IQLDQHEGSYLSIC[339]K	1
							3	EWDLLNENIMLLSKRR	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	*	0.90	*	*	*	1	3	IPFEDRTGEC[339]LKR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	*	3.96	*	*	*	3	2	QDQASLPPAM[147]AR	1
							3	MAGLEAQKRPLMLAALNGLSVAR	1
							2	RQPTWSRSSLPR	1
PTN6_HUMAN (P29350) Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (SH-PTP1) (Protein-tyrosine phosphatase SHP-1) [MASS=67561]	*	3.36	*	*	*	1	2	TIQM[147]VRAQRSGM[147]VQTEAQYK	1
PTN_HUMAN (P21246) Pleiotrophin precursor (PTN) (Heparin-binding growth-associated molecule) (HB-GAM) (Heparin-binding growth factor 8) (HBGF-8) (Osteoblast-specific factor 1) (OSF-1) (Heparin-binding neurite outgrowth-promoting factor 1) (HBNF-1) (Heparin) [MASS=18942]	0.97	5.95	0.85	0.00	1	1	2	TVTISKPC[339]GK	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	*	4.43	*	*	*	2	3	LGC[339]LLEEGLC[330]GASEAC[339]VNDGVFGR	1
							2	LSGLGGDPGADATAAYQELC[339]R	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	*	1.53	*	*	*	1	3	VTC[330]VEMEPLAEYVVRTFTLERR	1

PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	*	1.45	*	*	*	1	2	M[147]VWHENTASIIM[147]VTNLVEVGR	1
PTPRT_HUMAN (O14522) Receptor-type tyrosine-protein phosphatase T precursor (EC 3.1.3.48) (R-PTP-T) (RPTP-rho) [MASS=164371]	0.00	1.71	1.50	0.00	1	1	3	C[339]LPFLISVDGESSNYINAALMDSHK	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.71	1.77	0.41	0.00	1	2	3	SESSHQVVPSLYSNDELFTANLEINQAHPK	1
							2	KYPTC[330]NSPK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	4.48	*	*	*	3	3	RIVLVDREC[330]PVR	2
							2	RNGQGDPPTPPPTVDLELEWVLGKMPR	1
							2	PIM[147]FSGGIGSMEADHISK	1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	2.17	1.63	0.00	2	1	2	FGHTFC[339]JK	1
							2	FGHTFC[330]JK	1
PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	*	2.02	*	*	*	1	2	EPDC[330]FKDIVNMLM[147]HHDR	1
PYGM_HUMAN (P11217) Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) [MASS=96960]	*	3.69	*	*	*	1	3	QVIEQLSSGFFSPKQPDLFKDIVNM[147]LMHHDR	1
PZRN4_HUMAN (Q6ZMN7) PDZ domain-containing RING finger protein 4 (Ligand of Numb-protein X 4) (SEMACAP3-like protein) [MASS=117072]	*	6.47	*	*	*	4	2	SGMTTDDDTM[147]SEMK	1
							3	GGC[339]ASGLGGGEVPPAR	1
							2	ESQKC[339]SEPKMEWK	1
							3	ILQINGEDVQNREEAVALLSNDDEC[330]JK	1
RA611_HUMAN (Q6IQ26) Rab6-interacting protein 1 (Rab6IP1) [MASS=147094]	0.00	4.66	0.61	0.00	1	2	3	QIC[330]SAM[147]QTLYHMHNAEYDVLHAPPADDR	1
							3	DHTLVNSLIRVLQTLQEFNITLETSLVKGIDI	1
RABE2_HUMAN (Q9H5N1) Rab GTPase-binding effector protein 2 (Rabaptin-5beta) [MASS=63542]	0.85	7.73	2.36	0.00	1	3	3	SIM[147]DEAPLTDVRDIK	1
							2	QQQQQDC[339]EEK	1
							2	RPRHAPSLHGSTELLPLSR	1

RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	7.29	0.67	0.17	3	1	2	HHC[330]PNTPIILVGTK	1
							2	HHC[339]PNTPIILVGTK	1
RAD9B_HUMAN (Q6WBX8) Cell cycle checkpoint control protein RAD9B homolog (RAD9 homolog B) (hRAD9B) [MASS=46392]	0.00	4.59	0.53	0.00	1	1	3	ETLTNISALENC[339]GSPAM[147]KR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	1.05	*	*	*	1	2	RYPVHGPVDGK	2
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.42	6.43	1.31	0.00	1	3	2	EMEEKISNLKEHLASK	1
							3	TALMLAC[330]EIGSSNAVEALIK	1
							3	M[147]HLLYAVQGQM[147]DEDVQKVLKQILTMC[330]K	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	5.77	*	*	*	6	3	RRQQQVLPLDPAEPEIR	1
							3	PSPKAASSPSNPAALPVASDSSPMGSKTK	1
							2	DLGDLIC[330]GPYYPEHC[330]LPKK	1
							3	KLLDNSHLPATFKVSSSPQK	1
							2	MQSFRERC[339]GFH GK	1
							3	QQNYQQT SQETSR	1
RAP1A_HUMAN (P62834) Ras-related protein Rap-1A precursor (GTP-binding protein smg-p21A) (Ras-related protein Krev-1) (C21KG) (G-22K) [MASS=20987]	0.83	5.98	0.54	0.00	1	1	2	C[330]DLEDERVVGK	1
RAPSN_HUMAN (Q13702) 43 kDa receptor-associated protein of the synapse (RAPsyn) (Acetylcholine receptor-associated 43 kDa protein) (43 kDa postsynaptic protein) [MASS=46197]	0.00	3.16	0.46	0.00	1	1	2	LGSAM[147]EC[330]C[330]EESMK	1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	9.97	0.17	0.00	1	1	3	ILHGPC[330]EKIARIFLMEADLGVEVPHEVAQYIK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	*	1.23	*	*	*	1	3	HLEPLKSLGGR	1

RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	5.18	*	*	*	4	2	LHTM[147]LTGLR	1
							2	GDLIQFYNNIYIK	1
							2	RGILLEDGSESPAK	1
							3	TFAMKYSQANMDAPPLSPYFVR	1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	*	5.01	*	*	*	1	2	VLEC[339]DIIKNYGFVHIEDK	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	*	3.95	*	*	*	2	2	LVSRSVPLPVEQR	1
							3	SALC[330]GNYVSFGVFKLYGDNHFDNLQAFVK	1
RB1A_HUMAN (Q15414) RNA-binding motif protein, Y chromosome, family 1 member A1 (RNA-binding motif protein 1) [MASS=55783]	*	4.23	*	*	*	1	3	DRYGRSWESYSSC[330]GDFHYC[330]DR	1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	*	2.18	*	*	*	1	2	FLVDGKYIYAHK	1
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	1.53	0.40	0.00	1	1	2	YGC[330]LAGVR	1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	*	7.24	*	*	*	2	3	WVHAEM[147]VNKNSELKLIYVTPEK	1
							3	IKQC[330]LEDSDAGASNEYDSSPAAWNK	1
RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	*	6.56	*	*	*	4	3	SM[147]AGYYQESGRAGR	1
							2	VFGFDSFKTPLQESATM[147]AVVK	1
							3	ANVRFVAHWNIKSMAGYYQESGR	1
							1	AGRDGK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	10.15	*	*	*	3	3	GQAAQAALQELFDIQMPGHAPGR	1
							3	PGDAALLSAAYGRRR	1
							3	PGLQYRTVSQTGVPVHAPVFAVAVEVNGLTFEGTGPTK	1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	*	1.26	*	*	*	1	3	AAMDFC[339]M[147]NMNTKANRK	1

RF1M_HUMAN (O75570) Peptide chain release factor 1, mitochondrial precursor (MRF-1) [MASS=52305]	*	3.60	*	*	*	1	3	LVHIPTGLVVEC[330]QQER	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	7.25	0.74	0.00	1	1	2	HFC[330]PNVPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	16.33	0.71	0.00	1	2	3 2	HFC[330]PNVPIILVANKKDLR HFC[330]PNVPIILVANK	1 1
RHOG_HUMAN (P84095) Rho-related GTP-binding protein RhoG precursor [MASS=21308]	0.00	5.24	*	*	*	1	2	DLRAQPDLR	1
RIMS3_HUMAN (Q9UJD0) Regulating synaptic membrane exocytosis protein 3 (Nim3) (Rab-3-interacting molecule 3) (RIM 3) (RIM3 gamma) [MASS=32796]	0.00	7.79	1.42	0.00	1	1	2	C[339]FM[147]GM[147]AQIM[147]LDELDSLAAVTGWYK	1
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	8.91	0.23	0.00	1	2	3 2	LDDC[339]GLTEARC[339]KDISSALR SNELGDVGVHC[330]VLQGLQTPSC[330]K	1 1
RIPK4_HUMAN (P57078) Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain protein 3) (PKC-delta-interacting protein kinase) [MASS=91610]	*	4.93	*	*	*	2	3 2	MEGDGGTPWALALLRTFDAGEFTGWEK GSTPLHM[147]AVERRVR	1 1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	*	5.57	*	*	*	1	3	KSVNMTEC[330]VPVPSSEHVAEIVGRQGC[339]K	2
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.00	4.55	0.86	0.00	1	1	2	C[339]HTPPLYR	1
RL30_HUMAN (P62888) 60S ribosomal protein L30 [MASS=12653]	0.98	37.72	1.16	0.00	1	2	2 3	TGVHHYSGNNIELGTAC[339]GK LVILANNC[339]PALRKSEIEYAM[147]LAK	1 1
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	0.64	2.99	1.28	0.00	1	1	2	TVFAEHISDEC[339]K	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.95	6.10	1.41	0.00	1	2	3 2	NTILRQARNHK RGPC[339]IYNEDNGIHK	1 1
RL7_HUMAN (P18124) 60S ribosomal protein L7 [MASS=29226]	*	6.85	*	*	*	1	3	AGNFYVPAEPKLAFFVIR	1

RLA0_HUMAN (P05388) 60S acidic ribosomal protein P0 (L10E) [MASS=34273]	*	3.47	*	*	*	1	2	GHLENNPALEK	1
RN5A_HUMAN (Q05823) 2-5A-dependent ribonuclease (EC 3.1.26.-) (2-5A-dependent RNase) (Ribonuclease L) (RNase L) (Ribonuclease 4) [MASS=83532]	*	2.70	*	*	*	2	1 2	PM[147]IGKLK SIKWAGDPQEVKR	1 1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	*	5.67	*	*	*	2	2 3	YSQIKDAKVLEK PPPKNISSDM[147]PVSLRDALVFM[147]ELAK	1 1
ROBO3_HUMAN (Q96MS0) Roundabout homolog 3 precursor (Roundabout-like protein 3) [MASS=148208]	*	3.32	*	*	*	2	3 2	LMMSHTLKS DAGMYVC[330]VASN MAGER IVEQPPDLLVSRGEPATLPC[330]R	1 1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.48	*	*	*	2	3 3	EYNIGFVKRAIEK RVTQSFEAFLQHLTEVM[147]QR	1 1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.47	*	*	*	4	2 2 2 3	ETDVAKKTSHIC[330]FGM[147]K AVIGILQMIC[330]KTC[330]C[330]HIM[147]LSQEEK RHVMLLSDLMTYKGEVLGITR QYC[339]GKGEDLC[330]ANDSYVTIQNSELM[147]SGSM[147]DK	1 1 1 1
RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	*	4.41	*	*	*	2	2 3	HM[147]RQDQITNGMVNAISTGNWSLKR LIELLAGKAGVLDGRFHYGTAFGGSK	1 1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	*	6.36	*	*	*	2	2 3	SPSEYLM[147]MLM[147]PPSQEEEEKDK SDILYPKDSSSPHSGVPAEVL C[339]RGR	1 1
RRAGA_HUMAN (Q7L523) Ras-related GTP-binding protein A (Rag A) (RagA) (Adenovirus E3 14.7 kDa-interacting protein 1) (FIP-1) [MASS=36566]	0.00	3.51	1.68	0.00	1	1	2	LSRPLEC[339]AC[339]FR	1
RS15A_HUMAN (P62244) 40S ribosomal protein S15a [MASS=14708]	0.00	6.98	0.91	0.00	1	1	2	QVLIRPC[339]SK	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	0.99	6.21	1.07	0.00	1	1	2	TATAVAHC[339]K	1

RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	4.26	*	*	*	3	2	GYLEMSVEC[339]KLALLK	1
							3	EDSEFTKVEMDNLDNAQTSGIEEPSETK	1
							2	DSESDFSDDFSDDFVETR	1
RSPO4_HUMAN (Q2I0M5) R-spondin-4 precursor (Roof plate-specific spondin-4) (hRspo4) [MASS=26171]	*	16.67	*	*	*	2	2	M[147]RAPLC[339]LLLLVAHAVDMLALNRR	1
							3	C[339]GATC[330]ESC[339]FSQDFC[339]IR	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	6.83	0.92	0.00	1	3	2	QSPVAMETASTGVAGVSSAM[147]DHTFSTTSK	1
							2	YTDC[330]LQFYVNSTLK	1
							2	QKAIDLLYWR	1
RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	0.00	4.29	1.61	0.00	1	3	2	RNPIFEFPGSLSAASHLNC[339]R	1
							3	YLC[339]PAVRAVLEDGLKAFVLDVIIGQR	1
							2	VSQDLLLSAHSTLQLARAR	1
							3	EKLAENIHELWALTR	1
							2	AKKVAMMTQPPATPTLPR	1
							2	ELLDLQKDM[147]VVM[147]LLSLEGNVNGM[147]IAR	1
							3	PSMLQHLLRRLVFDVPILNEFAK	1
RYSR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RyR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	4.64	0.62	0.00	1	12	2	KQELEAKGGGTHPLLVPYDTLTAK	1
							2	MPLKLLTNHYER	1
							3	WPIKESLKAMIAWEWTIEK	1
							3	C[330]WKYYC[330]LPTGWANFGVTSEELHLTR	1
							3	DVIEDC[339]LMSLC[330]RYIRPSMLQHLLR	1
							2	EEDADDPEKIVR	1
							2	GLSYRSLRR	1
							3	KM[147]LPIGLNMC[330]APTDQDLITLAKTR	1
RYSR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RyR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRyR-2) [MASS=564495]	*	2.42	*	*	*	5	2	LHDRGAAEMVLQTIASASKGETGPM[147]VAATLK	1
							2	LGIAILNGGNSTVQQKM[147]LDYLKEK	1
							2	NHRLYFLSAASR	1
							3	TLLGYGYNLEAPDQDHAARAEVC[339]SGTGERFR	1
							2	AM[147]FDHLSYLLENSVGLASPAM[147]JR	1
RYSR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RyR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	*	2.36	*	*	*	6	3	VTKILGDMPDPTQFGIHDDTM[147]EAER	1
							2	TSRLGPLK	1
							2	MGKEEELLMINGLDIM[147]NNK	1
							3	SILGM[147]PDTVEDMC[330]PDIPQLEGLM[147]K	1
							2	LDVQTIQPVLSWR	1
							3	PALGEC[330]LASLAAAIPVAFLEPTLNR	1

S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	0.00	2.48	1.76	0.00	1	2	3	M[147]KAFYAPVHADDLR	1
							2	NVGLMIC[339]GHVHM[147]GPRR	1
S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	*	5.78	*	*	*	3	3	IIGVSVTVLLAISLAGMEWESK	1
							2	QVRLNEIVLDYSRDAALIVITLPIGR	1
							3	RFEDMIAPFR	1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	*	3.04	*	*	*	2	3	GIDYYDRNLALFEEELDIRPK	1
							3	TLM[147]M[147]EQRSQM[147]LR	1
S12A6_HUMAN (Q9UHW9) Solute carrier family 12 member 6 (Electroneutral potassium-chloride cotransporter 3) (K-Cl cotransporter 3) [MASS=127616]	*	2.96	*	*	*	2	3	KC[339]SIRIFTVAQLEDNSIQM[147]K	1
							2	VKGFC[330]QLVVAAKLR	1
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	6.15	0.57	0.00	1	2	2	VFGRPISSWTC[339]LVDLEGLNMR	1
							3	RKFLIYAGNDYQGPGLLDYIDK	1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	0.00	3.56	1.68	0.00	1	1	2	FC[330]SGDLGPEGILPDTHLLDPLLK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	5.29	*	*	*	2	1	EGFDPAIVK	1
							3	YLLNQPPREAENQHQRVMAALGNGLR	1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	*	1.40	*	*	*	1	2	M[147]AEAGSELEGVSLVTGQR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	*	3.97	*	*	*	1	2	NVPSARLGLLGTSGFVSSNQR	1

SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	9.54	2.44	0.03	9	3	1	DGGFC[339]EVC[339]KK	1
							1	GC[339]SFLPDPYQK	4
							3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	2
							2	GC[330]SFLPDPYQK	2
SATB2_HUMAN (Q9UPW6) DNA-binding protein SATB2 (Special AT-rich sequence-binding protein 2) [MASS=82555]	0.00	4.09	1.35	0.00	1	1	3	VERENLSDYC[330]VLGQRPM[147]HLPNMNQLASLGK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.40	0.39	5	1	3	C[330]IEENNGVDKR	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SC10A_HUMAN (Q9Y5Y9) Sodium channel protein type 10 subunit alpha (Sodium channel protein type X subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.8) (Peripheral nerve sodium channel 3) (hPN3) [MASS=220564]	0.00	3.37	0.19	0.00	1	3	2	GTSDPLLC[330]GNGSDSGHC[330]PDGYIC[330]LK	1
							2	AENHIAANTARGSSGGLQAPR	1
							2	VSEGSTEDNKSPRSDPYNQR	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	*	2.96	*	*	*	2	3	LHC[339]MDILFAFTARVLGGSDGLDSMK	1
							3	YQFLVMDLPMVSEDRLHC[339]M[147]DILFAFTAR	1

								3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
								2	STGC[339]DFAVSPK	1
								3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	3
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.09	0.05	11	3	2	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	2	
							2	STGC[330]DFAVSPK	1	
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1	
							2	NFNLPM[147]C[330]K	1	
							2	NFNLPM[147]C[339]K	1	
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMP2II analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	16.49	0.28	0.00	1	3	3	WAAGALGVAGLLC[330]AVLGAVMIVMVPSLIK	1	
							3	TVGEIM[147]WGYKDPLVNLINKYFPGM[147]FPFK	1	
							3	WAAGALGVAGLLC[330]AVLGAVM[147]IVM[147]VPSLIKQQVLK	1	
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	3.86	0.62	0.00	1	1	2	SSPC[330]IHYFTGTPDPSR	1	
SEHL2_HUMAN (Q9NQF3) Serine hydrolase-like protein 2 (EC 3.1.-.-) [MASS=22471]	*	12.81	*	*	*	1	2	FSILGHSFGGVVGGM[147]FFC[339]TFPEM[147]VDK	1	
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	*	3.14	*	*	*	1	2	NYIAQNAIEAAERGDFSEVRR	1	
SEM4C_HUMAN (Q9C0C4) Semaphorin-4C precursor [MASS=92622]	0.00	2.40	0.55	0.00	1	1	2	C[330]TYVNM[147]LTFTLEHGEFEDGK	1	
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	0.00	5.19	3.23	0.00	1	2	2	WTTFLKADLLC[339]PGPEHGR	1	
							2	GLVQDIESADVSSLIC[339]PKEPGER	1	
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	0.00	1.19	1.08	0.00	1	1	2	C[339]SSNC[339]GGGM[147]QSRR	1	
SEPR_HUMAN (Q12884) Seprase (EC 3.4.21.-) (Fibroblast activation protein alpha) (Integral membrane serine protease) (170 kDa melanoma membrane-bound gelatinase) [MASS=87793]	*	3.03	*	*	*	1	3	VQNVSVLSIC[339]DFREDWQTWDC[330]PK	1	
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	5.96	0.60	0.16	3	2	2	DVTC[330]DVHYENYR	1	
							2	AHC[330]IQQM[147]TSK	1	
							2	AHC[330]IQQMTSK	1	

SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	8.01	0.67	0.03	4	2	2	THMQDLKDVTNNVHYENYRSR	1
							2	ADTLTPEEC[330]QQFKK	2
							2	ADTLTPEEC[339]QQFKK	2
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	7.14	*	*	*	2	2	FM[147]GTELANGK	1
							3	KGILVMNTPNGNSLSAAELTC[339]GMIMC[330]LAR	1
SETBP_HUMAN (Q9Y6X0) SET-binding protein (SEB) [MASS=169631]	0.00	7.72	0.07	0.00	1	5	3	SSYDSSMSPGMPSPHLKVDQTAVHSKNEGSVPTMMTR	1
							3	ALASGITMSSEVVNR	1
							2	MIENESPSVGLTGGNAEKVIPGGVSK	1
							3	M[147]IENESPSVGLTGGNAEKVIPGGVSKPR	1
							2	REIEAIQC[330]EVR	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	1.38	*	*	*	2	3	LSLLAQASVITFPSDSPQNSSLQQR	1
							3	AQKTMIQKDLDK	1
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.00	1.88	1.68	0.00	1	1	2	C[339]GGAGHIASDC[339]K	1
SFR14_HUMAN (Q8IX01) Putative splicing factor, arginine/serine-rich 14 (Arginine/serine-rich-splicing factor 14) [MASS=120236]	*	7.58	*	*	*	4	2	SVTPLLMAC[330]NAYELSVK	1
							2	LLKSVTPLLMAC[339]NAYELSVK	1
							3	VDNEFLNMLLDKGAVK	1
							3	ALNIVDQEGSLLGKGETQGLLTAKGGVVK	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	5.92	*	*	*	1	2	FVPFAAVAAANC[339]INIPLMR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	0.74	22.12	0.90	0.13	2	3	2	IC[339]MAIPAMAIPLIM[147]DTLEK	1
							3	QGIFQVVISRIC[339]M[147]AIPAMAIPLIMDTLEK	1
							2	MSAQVPMNM[147]TITGC[330]M[147]LTFYRK	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	1.26	*	*	*	1	2	TSLMSEMNAQSIGRR	1
SGTB_HUMAN (Q96EQ0) Small glutamine-rich tetratricopeptide repeat-containing protein B (Small glutamine-rich protein with tetratricopeptide repeats 2) [MASS=33429]	0.88	4.28	0.97	0.00	1	1	2	LGHYTDAIKDC[330]EK	1
SHOC2_HUMAN (Q9UQ13) Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) [MASS=64888]	0.00	12.89	0.66	0.00	1	3	2	DNQLTSLPLDFGTWTSMVELNLATNQLTK	1
							2	LDLSTTLYLRFNRITVVK	1
							3	QLPAEIGELC[330]NLITLDVAHNQLEHLPK	1

							2	ATPQHTVSFTC[330]ESHGFSPR	3
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812])	1.00	14.12	0.34	0.39	13	4	3	ATPQHTVSFTC[330]ESHGFSPR	2
							2	EGHFPRVTTVSESTK	1
							3	EDVHSQVIC[330]EVAHVTLQGDPRLR	1
							3	ATPQHTVSFTC[339]ESHGFSPR	1
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[339]QVEHDGQPAVSK	1
							2	LTC[339]QVEHDGQPAVSK	1
							3	LTC[330]QVEHDGQPAVSK	1
							2	EDVHSQVIC[330]EVAHVTLQGDPRLR	1
							2	LTC[330]QVEHDGQPAVSK	1
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	*	2.05	*	*	*	2	3	VAVATLSHEQM[147]IDLLR	1
							2	SSPVSQGSSVSLNSNDSAM[147]LK	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	*	1.50	*	*	*	1	2	TALSTSQETR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.97	10.55	0.26	0.00	2	2	2	GTANLSEAIRVPPTLEVTQQPMR	1
							3	ATPEHTVSFTC[330]ESHGFSPR	1
							3	ATPEHTVSFTC[339]ESHGFSPR	1
							2	ATPEHTVSFTC[339]ESHGFSPR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	5.66	1.18	0.05	2	1	3	C[339]EDC[339]QSLVKPDIFFGESLPAR	2
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.19	*	*	*	2	3	HYTLNSEAPLYVGGMPVDVNSAAFR	1
							2	NDFAGLKQLRVLQLM[147]ENQIGAVER	1

							2	GYEYC[339]R	12
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	0.61	*	*	*	1			
							2	RLC[330]GLKVEVDM[147]EK	5
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	11.44	0.12	0.00	2	2			
							3	DDENIPMETEETHLEETTESQQNGEEGTSTPEDK	1
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	*	4.61	*	*	*	1	2	C[330]ARLLTPHLLLVQLSPAR	1
SMOO_HUMAN (P53814) Smoothelin [MASS=99516]	*	2.40	*	*	*	1	2	EQRGVAQPLAQLRSC[339]PQEEGPR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	0.00	7.93	0.87	0.00	1	3	3	GHVVGRLRYTGVVNNEM[147]VALQRDPNNPYDK	1
							2	EYNVNDSDSMKLGNNNTSEKADGLSK	1
							3	RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	0.00	4.34	0.10	0.00	1	2	2	M[147]AAAAGGGPGTAVGATGSGIAAAAAGLAVYRRK	1
							2	AGGALC[330]HILGAAYK	1

SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	*	12.15	*	*	*	2	3	VLDC[339]AM[147]DAC[330]INLGLLEEALFYGTRTM[147]EPYR	1
							2	GVQVM[147]KVGKQLQLHQGM[147]FPQAMK	1
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	0.00	7.96	0.82	0.47	3	3	2	AAEVLSLHC[339]GPWDDEIQELQKM[147]K	1
							2	HM[147]LQLQC[330]NAQAMTTIQHTGPK	1
							2	AAVTPELC[339]PDVTIWGVAM[147]LR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	14.09	0.88	0.14	3	3	2	AALC[339]HFIVDELNAK	1
							2	AALC[330]HFIVDELNAKLALEK	1
							2	VKASHSFLR	3
							2	AALC[330]HFIVDELNAK	2
SNAT_HUMAN (Q16613) Serotonin N-acetyltransferase (EC 2.3.1.87) (Aralkylamine N-acetyltransferase) (AA-NAT) (Serotonin acetylase) [MASS=23344]	*	4.83	*	*	*	1	3	RHTLPASEFR	1
SNTB2_HUMAN (Q13425) Beta-2-syntrophin (59 kDa dystrophin-associated protein A1 basic component 2) (Syntrophin 3) (SNT3) (Syntrophin-like) (SNTL) [MASS=57949]	*	6.85	*	*	*	2	2	PIVFLHTFLSAKVTR	1
							3	PIVFLHTFLSAKVTRM[147]GLLV	1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	0.00	4.10	*	*	*	3	1	LASLNSGSR	2
							2	SHAIFTIKFTQAKFDSEM[147]PC[339]ETVSK	1
							3	LQDLHRVISEGC[330]STSADTMK	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	*	3.92	*	*	*	1	1	VWGSIK	2
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	*	3.50	*	*	*	4	3	SMM[147]SPMADRSMMSMGADRSMSSSYAADR	1
							2	SMMSPMAERSMMSAYERSMMSAYER	1
							2	DLSGKHPVSALM[147]EIC[339]NK	1
							3	SMMSPM[147]AERSMMSAYERSMMSAYER	1
							2	HFLFRVLRNGALTR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.88	16.16	0.73	0.06	2	2	3	C[339]LTQSGIAGGYKPFNLETC[339]R	1
							2	ITFDDYIAC[330]C[330]VK	1

SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	*	3.13	*	*	*	1	3	SGEEGYPELTEFC[339]EKHLQALAPESRALR	1
SPAG6_HUMAN (O75602) Sperm-associated antigen 6 (PF16 protein homolog) (Sperm flagellar protein) (Repro-SA-1) [MASS=55476]	*	5.89	*	*	*	1	2	AVAVTNTLPVLLSLYMSTESSEDLQVKSCK	1
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	3.76	*	*	*	1	2	PHDYRQEQPETFWIQR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	2.44	*	*	*	1	2	SQTDVYNDSTNLAC[339]JR	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	0.00	8.86	0.13	0.00	1	3	3	M[147]EYLSLMHAIVRTTPYLQHR	1
							3	LRMEYLSLMHAIVRTTPYLQHR	1
							3	M[147]C[330]KRNEFESVLALVAYYQM[147]EHR	1
SPR1B_HUMAN (P22528) Cornifin B (Small proline-rich protein IB) (SPR-IB) (14.9 kDa pancornulin) [MASS=9888]	0.00	23.60	2.07	0.00	1	1	2	VPEPC[339]PSIVTPAPAQQKTKQK	1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	*	12.02	*	*	*	2	3	EGREFDYVINDLTAVPISTSPPEEDSTWEFLR	1
							2	RLPPIVRGGIDR	1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	*	2.76	*	*	*	2	2	IGEERATAISLMRK	1
							2	SVTGGMC[330]SVYLYKDSEK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	2.22	*	*	*	3	2	EANKQQNFNTGIK	1
							2	QFQDAGHFDAENIKKK	1
							2	FLSDFRDLMSWINGIRGLVSSDELAK	1

SPTA3_HUMAN (Q8NHX4) Spermatogenesis-associated protein 3 (Testis spermatocyte apoptosis-related protein 1) (Testis and spermatogenesis cell-related protein 1) [MASS=19949]	*	12.57	*	*	*	1	2	PSSHRNAC[330]PPSPRNC[339]GC[339]GSGGSR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.98	4.17	0.74	0.00	1	5	2	VHTAFERELHLLGVQVQQFQDVATRLQTAYAGEK	1
							3	HRELPEDVGLDASTAESFHR	1
							2	IHC[330]LENVDK	1
							2	IKALADEREVVQK	1
							3	FFWEMDEAESWIK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	0.98	2.16	*	*	*	2	2	TKVIESTQDLGNDLAGVM[147]ALQR	1
							3	TALPAQSAATLPARTQETPSAQMEGFLNR	1
							2	LREVQTGWEDLRATMR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.98	3.35	*	*	*	5	3	FREFSRDTSTIGQER	1
							2	RERLQEHLR	1
							2	EVQTGWEDLRATMRR	1
							2	GM[147]TRAMTM[147]PPVSPVGAEGPVVLRSK	1
							2	YDGYTSC[339]PLVTGYNR	1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-.) [MASS=49960]	0.00	4.67	3.64	0.00	1	2	1	ALQDFK	1
SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	0.00	8.60	5.44	0.00	1	3	2	HADGLC[339]HR	1
							2	LTTVC[339]PTSKPQTQGLAK	1
							3	MPC[339]PPEC[339]PESLHDLML[147]C[330]QC[330]WRK	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	2.02	0.13	3	1	3	NFFEPTLLC[330]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
							3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[330]NVTQDM[147]LC[330]THEETFGPLAPVIK	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	*	4.01	*	*	*	3	2	GGVKMTPKKEEK	1
							2	C[339]PVI[339]GC[339]DGQGHISGK	1
							2	RQKENPLNGASLSWK	1

STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciadin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [[MASS=277027]	*	4.59	*	*	*	6	3 2 3 3 2 2	C[330]PDGYTM[147]ITSGSVGVRDC[330]R TYLSLPGC[330]RHIC[339]R QQPENISNPLYESTTSAPPEPSYDPFTDSEER C[330]PANSEPTALFTHRC[339]VYSGR C[330]LC[339]VHGTC[330]NNR EAC[339]JANEAAATMATYNQLSYAQK	1 1 1 1 1 1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	*	3.33	*	*	*	2	3 3	GVVTAEMFRHMQNSEIIR M[147]NGHHQQNGVENMMLFEVVKMGK	1 1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	0.00	8.11	1.45	0.00	1	4	3 2 2 3	IRDSFPTLQAAGPETKL PGPRDLSDNMAATQGLSHM[147]ISDC[339]K SPDWYNKVFHLC[339]AM[147]EVAK SLSIESLC[330]PEDGHRLADWQPGR	1 1 1 1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	*	10.98	*	*	*	3	3 3 2	LASGGVKLTQHAAASPLC[330]TPSRAAFMTGR PWLQLC[339]C[330]PSTGLSC[330]QC[330]DREKQDK ERNPLTPASEPR	1 1 1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	*	2.44	*	*	*	1	1 2 2 2	QLEIM[147]GK YSTHLHLAEDC[330]M[147]K LAEQIATLC[330]ATLK YSTHLHLAEDC[330]MK	1 1 2 2
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	16.84	0.65	0.26	11	7	2 2 2 3 2 2 2 2 2 2 3	C[330]AYEVTQANGK C[339]AYEVTQANGK YSTHLHLAEDC[339]M[147]K YSTHLHLAEDC[330]MKHYQGTVDK RMNTGEKTTMR LAEQIATLC[339]ATLK HYQGTVDKLC[330]R AAHVFFTDSC[330]PDALFNELVK YSTHLHLAEDC[330]M[147]KHYQGTVDK	1 1 1 1 1 1 1 1 1 1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	12.01	1.00	0.00	1	2	3 2	QGFTHSQQALEYGTKLVGGTTTPGK LIGPNC[339]PGVINPGEC[339]K	1 1

SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	*	9.07	*	*	*	2	2	TAQRAAAQVLGSSGLFNNHGLQVQQQQQR	1
							3	INFDSNSAYRQKK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	4.83	*	*	*	1	2	ESSPKQYM[147]QLGGR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	*	2.16	*	*	*	1	2	VEHVTFNFTLENQIHR	1
							2	EVGRTAANKIK	1
							3	PQDSSEQPQEKLC[330]KNPC[330]AMFAAGEIK	1
							3	SKYC[330]TETSGVHGDSPIYSGTMDTHSLESK	1
							3	VQASKNPLKM[147]LAAR	8
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	3.61	*	*	*	4			
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.77	4.96	1.03	0.00	1	2	2	NVGC[330]LQEALQLATSFAQLR	1
							2	VLEKTKQFIDSNPNQPLVILEMESGASAK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	*	5.07	*	*	*	4	2	VILEDVAM[147]LHIKPDQFTYTSDFHETIMK	1
							2	GVPIRLEVGPDMK	1
							2	HEELMLGDPC[339]LKDLK	1
							2	SEM[147]IEYHDISGC[339]YILR	1
SYFA_HUMAN (Q9Y285) Phenylalanyl-tRNA synthetase alpha chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase alpha chain) (PheRS) (CML33) [MASS=57432]	*	2.17	*	*	*	1	2	WVEVGNSGVFR	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.83	7.30	0.96	0.00	1	3	2	LHQNIC[339]R	1
							2	RALVAIGTHDLDTLSPFTYTAK	1
							3	NPGFEIHHGLLDR	1

SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine--tRNA ligase homolog) (HisRS) [MASS=56888]	*	2.57	*	*	*	1	2	VWRRESPTIVQGR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.99	7.11	1.40	0.00	1	4	3	DQLGGWFQSSLLTVAARKR	1
							3	C[339]WKYTAESSDTLC[339]PR	1
							2	KPGLEEAVESAC[339]AM[147]R	1
							2	LLVRSVSGASNHQPNSNSGRYR	1
SYM_HUMAN (P56192) Methionyl-tRNA synthetase (EC 6.1.1.10) (Methionine--tRNA ligase) (MetRS) [MASS=101115]	0.97	2.22	0.78	0.00	1	1	2	VPVLQLDSGNLYLFSTSAIC[330]R	1
							3	ATEM[147]IDQLQDKLPGSSAEKASK	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	0.00	2.76	0.59	0.00	1	12	2	HSELELNIAQNMVSQVK	2
							3	DFEVSAEPIQDWLSKTEKMVHESSNR	1
							2	DKQALQDC[330]ASELGSFEDQHRK	1
							1	DEAEQLAGK	1
							3	MKWESLHQEFSTKQK	1
							2	DLPQIINK	1
							3	QLGKALDDSRFQIQQTENIIR	1
							3	QSPPPDM[147]AQNLLM[147]DHLAIC[330]SELEAKQM[147]LLK	1
							2	LLALLEVLSGQKLPC[330]EQGR	1
							2	TPTGPELDTSYKGYM[147]KLLGEC[330]SSSIDSVK	1
2	ITLYQHLLKSSLNEYQPKLYQVLDDGK	1							
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	0.99	5.28	0.64	0.00	1	1	2	LHQVTFEVPTC[330]EGK	1
							1	LHQVYFDAPTC[330]R	2
							2	LHQVYFDAPTC[339]R	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.43	0.19	10	2	2	EM[147]PVC[339]R	2
							1	LHQVYFDAPTC[339]R	1
							2	LHQVYFDAPTC[330]R	2
							2	EM[147]PVC[330]R	3
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	*	5.57	*	*	*	1	2	GELQVLSYQPVAQRMTVVVLKAR	1

SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	2.61	*	*	*	1	2	EKGGKNAINMK	1
SYT7_HUMAN (O43581) Synaptotagmin-7 (Synaptotagmin VII) (SytVII) [MASS=45567]	*	5.97	*	*	*	1	3	TVTMKRNLNPNFNESFAFDIPTEK	1
SYV_HUMAN (P26640) Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA ligase) (ValRS) (Protein G7a) [MASS=140475]	0.00	1.19	4.13	0.00	1	1	3	C[339]SIHLQLQGLVDPAR	1
SYW_HUMAN (P23381) Tryptophanyl-tRNA synthetase (EC 6.1.1.2) (Tryptophan--tRNA ligase) (TrpRS) (IFP53) (hWRS) [MASS=53165]	*	1.70	*	*	*	1	2	EVTDEIVK	1
TAB1_HUMAN (Q15750) Mitogen-activated protein kinase kinase kinase 7-interacting protein 1 (TGF-beta-activated kinase 1-binding protein 1) (TAK1-binding protein 1) [MASS=54644]	0.00	2.38	0.67	0.00	1	1	2	QVGIIC[339]GQESTR	1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	*	6.18	*	*	*	2	3 2	ALQILPQIPSNLYGSPGSIYIRQTSQSSSGR YLYM[147]EYHSPDDNR	1 1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	*	5.42	*	*	*	1	3	LVPGAYLEYKSALLNEC[330]NKQGGLR	1
TAP1_HUMAN (Q03518) Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding cassette sub-family B member 2) (Peptide transporter PSF1) (Peptide supply factor 1) (PSF-1) (Peptide transporter involved in antigen processing 1) [MASS=80964]	0.00	4.28	1.14	0.00	1	1	3	GLC[339]LLGIMLWGSVSLTM[147]VTLITLPLLFLPKK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	7.49	*	*	*	4	3 3 2 2	HC[339]FTGSYPVIEPLLK QIPLERIIVETDAPYFLPR FSRSSEEREVK LRDQGSTM[147]IYLK	1 1 1 1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	1.00	5.55	1.16	0.08	2	2	2 2 3	VTSKC[339]GSLGNIHHKPGGGQVEVK C[339]GSLGNIHHKPGGGQVEVK C[330]GSLGNIHHKPGGGQVEVK	1 1 1

								2	SIQFVDWC[330]PTGFK	2
								2	YMAC[339]C[339]LLYR	1
								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
								2	AYHEQLSVAEITNAC[339]FEPANQMVK	1
								2	YMAC[330]C[330]LLYR	2
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	17.41	0.71	0.10	9	4		2	YM[147]AC[339]C[339]LLYR	2
								2	SIQFVDWC[339]PTGFK	2
								2	YM[147]AC[330]C[330]LLYR	2
								3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
								2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
								3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	0.00	2.89	*	*	*	1		2	TIQFVDWC[330]PTGFK	1
								2	TIQFVDWC[339]PTGFK	1
								3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	4
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	7.10	*	*	*	1		3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLMER	3
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	3
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.82	0.17	13	1		3	AYHEQLTVAEITNAC[339]FEPANQM[147]VK	1
TBA8_HUMAN (Q9NY65) Tubulin alpha-8 chain (Alpha-tubulin 8) [MASS=50093]	0.57	18.49	0.88	0.00	1	3		3	IRKLTDAC[330]SGLQGFLIFHSGGGTSGGFTSLLM[147]ER	1
								2	AYHEQLSVAEITSSC[330]FEPNSQM[147]VK	1
								3	HVPRAVM[147]IDLEPTVVDEVVAGTYR	1
								2	LAVNM[147]VPFPR	1
								2	VAVC[330]DIPPR	2
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	0.00	8.20	*	*	*	4		2	RGRYLTVAC[330]IFR	1
								2	EEYPDR	1

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1
								2	NM[147]M[147]AAC[339]DPRHGR	1
								2	NM[147]MAAC[339]DPR	1
								3	M[147]SM[147]KEVDEQM[147]LNVQNKNSYFVEWIPNNVK	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
								3	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
								1	TAVC[330]DIPPR	1
								2	NM[147]M[147]AAC[330]DPR	3
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	35.06	0.63	0.10	2	8		3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
								2	TAVC[330]DIPPR	7
								1	GRM[147]SM[147]K	1
								2	NM[147]M[147]AAC[339]DPR	2
								2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	2
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1

							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGMGTLISK	1
							2	NMM[147]AAC[330]DPR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	35.06	0.63	0.10	2	8	2	NMM[147]AAC[339]DPR	2
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	2
							2	TAVC[339]DIPPR	2
							1	TAVC[339]DIPPR	1
							3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	3
							2	EIVHIQAGQC[339]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.64	0.64	51	2	2	EIVHIQAGQC[330]GNQIGAK	3
							3	EIVHIQAGQC[339]GNQIGAK	1
							1	EIVHIQAGQC[330]GNQIGAK	1
							3	M[147]REIVHIQAGQC[330]GNQIGAK	1
							2	M[147]REIVHIQAGQC[330]GNQIGAK	2
TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	*	3.05	*	*	*	2	2	FGGKGPIRGWK	1
							2	ELVKILHKALEAAQKEK	1
TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	*	3.70	*	*	*	3	3	ATDPSQVPDVSSIR	1
							2	LDYEEVGAC[330]QKEVLITWDKK	1
							2	NLTPDM[147]NTSEM[147]EK	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	*	1.38	*	*	*	1	2	ARGADLM[147]NKSR	1

TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	*	2.45	*	*	*	2	3	AQNEFFRAFFR DDGQALM[147]ILSR	1 1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	1.02	*	*	*	1	2	EEATSPGAKDM[147]PLSSDGNPK	1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	*	3.19	*	*	*	2	2 3	GAEAPLTDAC[339]QQEM[147]C[330]SKLR RLLLSEEASLNIPAVAAAHVIK	1 1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	*	3.87	*	*	*	1	3	MVVDAVM[147]M[147]LDDLLQLKMIGIK	2
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.00	2.56	0.47	0.00	1	1	2	AHEILPNLVC[330]C[330]SAK	1
TCRG1_HUMAN (O14776) Transcription elongation regulator 1 (TATA box-binding protein-associated factor 2S) (Transcription factor CA150) [MASS=123959]	0.00	5.65	3.32	0.00	1	4	2 2 3 3	QYIEKIAKNLDSEK AIVPLEARM[147]K VPLPGMPIPLPGVAM[147]MQIVSC[339]PYVK AIVPLEARMKQFK	1 1 1 1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	0.00	2.52	0.25	0.00	1	1	2	GELSPVPPNVPLSQEC[330]VTK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	*	6.77	*	*	*	2	3 3	VPQEAVKLIIGR NTSSSMEPTAPLVTPPPKGGGDM[147]AVVVSK	1 1
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	1.00	20.00	0.71	0.09	2	2	2 2	HLNEIDLFHC[330]IDPNDSK SKLTFSC[330]LGGSDNFK	1 1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	2.80	0.53	0.00	1	2	2 3	QC[330]LNAC[330]SGR LQVYC[339]DMTTDGGGWIVFQRRQNGQTDFFR	1 1

							2	ASLYARQQLNVR	1
							1	VGISSR	4
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	10.28	1.39	0.00	1	13	3	LQAQVQEFDENDGWSLNTFGKYLLSLAGQRVPVDR	1
							3	ESGEFEERLNFDINLENPSRTLISITQAK	1
							3	VWDHQGVELTSIPAHSGPISHC[339]AAAM[147]EPR	1
							3	DLLRSVLPALQAR	1
							3	YFC[330]AIVQLPSDWIQVAELYQSLAEGDKNK	1
							2	LEESPFNNQMRLLLVK	1
							3	YDGEMLNRYRQALETAVNLSVK	1
							3	HHELILQRLQH GK	1
							3	TC[339]DADASGTFR	1
							3	PHGHVSAHPDILSLENRC[339]LATLPSLK	1
							3	SVTEM[147]EVM[147]QFLNRNQRLQPSAQALIYFR	1
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	*	7.71	*	*	*	3	3	LAVVGSPPFWM[147]APEVLR	1
							2	M[147]NTLSSNRANMLKEVQLM[147]NR	1
							2	MNTLSSNR	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.47	*	*	*	2	3	DLNNEPISPIGLEEDTIIASRK	1
							3	SYGENIVELSSSDSLLLLR	1
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	*	9.46	*	*	*	3	3	QAASSQSATEVRLNR	1
							3	QQRTINMQSQVEK	1
							1	GELM[147]IGFK	2
TFF3_HUMAN (Q07654) Trefoil factor 3 precursor (Intestinal trefoil factor) (hP1.B) [MASS=8641]	0.00	41.25	3.62	0.00	1	1	3	ALC[339]M[147]LGLVLALLSSSSAEEYVGLSANQC[339]AVPAK	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	13.58	0.00	1	1	3	GITTEQLDALGC[339]R	2
THAP7_HUMAN (Q9BT49) THAP domain-containing protein 7 [MASS=34440]	*	6.15	*	*	*	1	3	QTLKEHVQDFAM[147]QLSSSMA	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.18	0.04	4	1	2	IHMGC[339]AENTAK	1
							2	IHM[147]GSC[339]AENTAK	1
							2	IHMGC[330]AENTAK	1
							2	IHM[147]GSC[330]AENTAK	1

THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.72	14.36	1.48	0.00	1	3	3	PQTTLQLQKLPPVFK	1
							2	EEC[339]DKYALQSQQR	1
							3	EAEVLLC[330]GGTESMSQAPYC[330]VRNVRFGTK	1
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	3.70	1.57	0.00	1	1	3	YPHKPEINSTTHPGADLQENFC[339]R	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	8.70	0.38	0.08	4	1	2	VTSLTAC[330]LVDQSLR	4
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	60.00	1.61	0.00	2	4	2	M[147]TSAC[330]HR	1
							2	C[339]VPPHYK	1
							3	AQQLAAELEVEMMADM[147]YNRMTSAC[330]HRK	1
							2	LTELSMQDEELMK	1
							2	C[330]VPPHYK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	15.79	0.84	0.01	2	1	2	C[330]IGKPGGSLDNSEQK	1
							2	C[339]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.75	30.34	1.15	0.00	1	2	2	QFKEFLGTYNK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1
							3	EVKPEETTC[339]SEHC[339]LQK	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	0.00	6.26	1.13	0.00	1	2	2	IIALDGDTKNSTFSEIFK	1
							3	FIEC[339]YIAEQNMVSIIVGC[339]ATR	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	3.34	*	*	*	3	3	SASAAQRELVAQGKVGSIIPANAADDGQWSQGLISAAR	1
							2	DPPTWSVLAGHSHTVSDSIKSLITSIR	1
							3	GVKLLAALM[147]DDEVGSGEDLLR	2
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	*	3.38	*	*	*	1	3	MGDHLDLLLGVVLMAGPVFGIPSC[330]SFDGR	1
TMED9_HUMAN (Q9BVK6) Transmembrane emp24 domain-containing protein 9 precursor (Glycoprotein 25L2) [MASS=25105]	*	11.21	*	*	*	1	3	KC[339]FIEEIPDETMVIGNYRTQLYDK	1
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	*	3.63	*	*	*	1	3	RGMWNMLGPC[330]LFAFVIM[147]ASMWAYRC[339]GHR	1

TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	*	4.05	*	*	*	1	2	AMVAFSMRK	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	0.00	2.46	1.17	0.00	1	2	2	RPGVYAR	1
							3	LVRPIC[339]LPEPAPRPPDGTR	1
TNI3K_HUMAN (Q59H18) Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (TNNI3-interacting kinase) (Cardiac ankyrin repeat kinase) [MASS=104178]	*	2.78	*	*	*	1	2	LVQFLLDNGADMNLVAC[330]DPSRSSGEK	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine-protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	*	4.95	*	*	*	1	3	KIMEMELSVHGVTHQEC[339]QTALGATGGDVVSAIR	1
							3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	16.12	0.92	0.09	5	5	3	SEM[147]JEM[147]AHLVSLC[339]DAAHAQTEVAK	1
							2	C[330]AEGYALYAQALTDQQQFGK	1
							3	ILLDQVEEAVADFDEC[339]JIR	1
							2	C[330]IDLEPDNATTYVHK	1
							3	ILLDQVEEAVADFDEC[330]JIR	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]JR	2
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	19.35	0.59	0.06	3	3	1	IAVAAQNC[330]YK	1
							2	VAHALAEGLGVIAC[330]IGEK	1
							2	VPADTEVVC[330]APPTAYIDFAR	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	6.54	*	*	*	2	2	LLGKTDVQR	3
							3	QLIFTTSDNLVPGRIQIVTDSASVERLLGK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	3.39	*	*	*	1	3	KLLHVHFLSAQELGNEEQEKLLR	1

TRFR_HUMAN (P34981) Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor) [MASS=45085]	*	5.03	*	*	*	1	3	IC[339]IYLNAINPVIYNLMSQK	1
TRI18_HUMAN (O15344) Midline-1 (EC 6.3.2.-) (Tripartite motif-containing protein 18) (Putative transcription factor XPRF) (Midin) (RING finger protein 59) (Midline 1 RING finger protein) [MASS=75250]	0.28	8.85	1.74	0.00	1	3	3 LAQQIANC[339]KQC[339]IER 3 C[339]LTIITGLPIPDHLDLC[330]TEQLP 3 ILVSHC[339]ATNESVESITAFQC[339]PTC[339]R	1 1 1	
TRI32_HUMAN (Q13049) Tripartite motif-containing protein 32 (EC 6.3.2.-) (Zinc-finger protein HT2A) (72 kDa Tat-interacting protein) [MASS=71988]	0.00	3.52	0.92	0.00	1	1	2 FVTC[339]DAEGTVYFTQGLGLNLENR	1	
TRIM4_HUMAN (Q9C037) Tripartite motif-containing protein 4 (RING finger protein 87) [MASS=57400]	*	13.20	*	*	*	3	2 RFQVAVNLAEDTAHPKLVFSQEGR 2 TAFVERFQHLPC[330]VLGKNVFTSGK 2 HYWEVESRDSLEVAVGVC[339]R	1 1 1	
TRIO_HUMAN (O75962) Triple functional domain protein (PTRPF-interacting protein) [MASS=341614]	*	1.32	*	*	*	2	2 MFDWITHNK 3 TPHNSSINHIEVTLQQLDEAQSQM[147]EELFQER	1 1	
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	*	5.15	*	*	*	4	3 DEIVDIDDPETKRFPPYPLNELLIWAC[339]LMK 3 RQVMARFLWQHGEESM[147]AK 3 YVRLSYDTKPEVILQLLLK 3 KHGVVNTLSSSLPQGDLESNNPFHC[339]NILM[147]K	1 1 1 1	
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti) [MASS=98281]	0.00	1.26	0.88	0.00	1	1	2 MYDLLLLKC[339]AR	1	
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	*	5.53	*	*	*	1	3 GFDQQMSSMVEIHM[147]ASHGTRFLRGC[339]APSR	1	
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	*	6.42	*	*	*	5	3 EMVYC[330]LEQGLIHRC[330]AR 2 TDLHLAVVPVLTALISYHNYLDKTK 3 NLLGTHLGHSAIYNM[147]C[330]HLMEDRAYMEDAPLLR 2 ADVGRLSPEVKAR 3 AYM[147]EDAPLLRGAVFFVGM[147]ALWGAHRLYSLR	1 1 1 1 1	

TSH1_HUMAN (Q6ZSZ6) Teashirt homolog 1 (Serologically defined colon cancer antigen 3) (Antigen NY-CO-33) [MASS=117916]	0.00	4.64	1.00	0.00	1	2	2	PLPAAVQSVQVQPSYAGGVK	1
							3	ALQDLAPPC[339]SPEPAGM[147]AAEVALSESAKDQK	1
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	*	1.67	*	*	*	1	2	DLSKLSTEQINSQIAQTK	1
TSN18_HUMAN (Q96SJ8) Tetraspanin-18 (Tspan-18) [MASS=27710]	0.00	4.03	0.85	0.00	1	1	2	MEGDC[330]LSC[330]MK	1
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	*	1.37	*	*	*	1	2	LGPVHTTEYVGPSSER	1
TSSP_HUMAN (Q9NQE7) Thymus-specific serine protease precursor (EC 3.4.-.-) [MASS=55049]	0.00	16.54	0.87	0.00	1	3	3	SLM[147]STAIGGSLEC[330]RAAVSVAFAEVER	1
							3	GHPAALAPAWGALVISLEHRFYGLSIPAGGLEM[147]AQLR	1
							3	FYGLSIPAGGLEM[147]AQLRFLSSR	1
							2	LNSFGLDATGTFFSRYGASLK	1
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	0.00	4.84	0.06	0.00	1	6	3	C[339]QFLDDRILQC[339]IKQYADK	1
							3	TQSC[330]MDC[330]IEEGELM[147]KM[147]K	1
							2	FVVIDNC[330]IALK	1
							2	LQIM[147]ESQAEFLKK	1
							2	SSRAHQDFANIMKM[147]LR	1
							3	GGLDAPDC[330]LPYDSLSTSR	1
TTL2_HUMAN (Q9BWV7) Tubulin--tyrosine ligase-like protein 2 (Testis-specific protein NYD-TSPG) [MASS=67237]	0.00	11.15	0.55	0.00	1	3	3	GKAPDPQAGNFVLVFPFNEATLGASRNGLNVK	1
							2	TLM[147]PYASLFQSHSC[330]K	1
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	*	7.65	*	*	*	2	3	DFYKDLLEMLSVGPSM[147]VM[147]ILTK	1
							3	KREVQLQTVINQSLWDEMLQNK	1
TXND4_HUMAN (Q9BS26) Thioredoxin domain-containing protein 4 precursor (Endoplasmic reticulum resident protein ERp44) [MASS=46971]	0.98	2.96	1.30	0.00	1	1	2	VDC[339]DQHSDIAQR	1
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.00	5.51	2.11	0.00	1	2	3	M[147]LKADIIASSDIEEFLREAAAC[339]M[147]K	1
							2	TSWVPVVLGVLTAALALILLR	1

U3IP2_HUMAN (O43818) U3 small nucleolar RNA-interacting protein 2 (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) [MASS=51840]	*	1.68	*	*	*	1	1	GKSKGGGK	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.99	3.31	1.30	0.00	1	2	2 YFLVGAGAIGC[339]ELLK 3 LGKQKYFLVGAGAIGC[339]ELLK	1 1	
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	2.03	1.47	0.00	1	1	2 ILLENVLKPLHFTYNESC[339]PEGAR	1	
UBE4B_HUMAN (O95155) Ubiquitin conjugation factor E4 B (Ubiquitin-fusion degradation protein 2) (Homozygously deleted in neuroblastoma 1) [MASS=146184]	0.00	5.68	2.44	0.00	1	4	2 SM[147]SQVDVDSGIENMEVDENDR 2 EC[339]SLDSYFK 2 SLSDKEPSSGPEVSEEQALQLVC[330]K 2 IHEVQEEMKNKEQWDQLPR	1 1 1 1	
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	5.76	*	*	*	3	2 SGVEAALSEVMLSPAMQGVILAIK 2 PLTSSRSM[147]EM[147]PSQPAPR 2 ASNGDITQAVSLLTDERVK	1 1 1	
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	2.98	*	*	*	2	2 PEFESFFNK 2 ELM[147]DAITKDNKLYLQEQLNAR	1 1	
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	4.47	*	*	*	2	2 LC[339]ENSDPTNVLSC[330]HFSKADTIATIEK 2 KDRVM[147]JEVFLVPADPHC[339]R	1 1	
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	6.88	0.73	0.04	2	3	3 LGHGLLSGEYSKVPESGDGER 2 QAEEEEKM[147]ALPELVR 2 NLGNESC[330]YLN SVVQVLF S I P D F Q R 3 NLGNESC[339]YLN SVVQVLF S I P D F Q R	1 1 1 1	

UBP6_HUMAN (P35125) Ubiquitin carboxyl-terminal hydrolase 6 (EC 3.1.2.15) (Ubiquitin thioesterase 6) (Ubiquitin-specific-processing protease 6) (Deubiquitinating enzyme 6) (Proto-oncogene TRE-2) [MASS=158657]	*	2.49	*	*	*	2	3 2	DPALC[339]QHKPLTPQGDELSPR RSSEHIIHIDLVR	1 1
UBR1_HUMAN (Q81WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-.) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	*	4.12	*	*	*	3	2 2 2	M[147]QFLEGFRSFLKILTC[339]M[147]QGM[147]JEEIR EKSC[339]LIVATTSGSESIKNDEITHDK GIPQLEGQKDMITWILQMFDTVK	1 1 1
UBR2_HUMAN (Q81WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-.) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	3.36	1.09	0.00	1	3	2 2 3	NSPSILAMLETLQNAPYLEVHK YC[330]VSQEK REMFDKDVVM[147]LQTGVSM[147]DPNHFLM[147]IMLSR	1 1 1
							2 1 2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R FSAVALC[339]K NEAIQAAHDAVAQEGQC[330]R	1 1 2
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	45.74	0.53	0.49	11	5	2 3 3 2 1	FSAVALC[330]K QTIGNSC[330]GTIGLIHAVANNQDK QTIGNSC[339]GTIGLIHAVANNQDKLGFEDGSVLK C[330]FEKNEAIQAAHDAVAQEGQC[330]R QTIGNSC[339]GTIGLIHAVANNQDK FSAVALC[330]K	3 1 1 1 1 1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.98	12.07	1.46	0.00	1	2	3 2	FLLSGC[339]AATVAELATFPLDLTK GMVRTALGIIEEGFLK	1 1

							2	EQC[330]EQLEK	3
							2	SHTEEDC[339]TEELDFDLHAR	1
							2	SHTEEDC[330]TEELDFDLHAR	1
							2	EQC[339]EQLEK	3
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.19	0.06	16	4	2	ERLELC[330]DER	1
							2	DHC[330]VAHK	2
							1	DHC[330]VAHK	2
							2	ERLELC[339]DER	1
							2	DHC[339]VAHK	2
							3	ERLELC[339]DER	1
							3	SHTEEDC[330]TEELDFDLHAR	2
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	*	9.88	*	*	*	1	2	RIRESFFR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	4.25	*	*	*	4	3	YNSWPSSLQELLR	1
							2	FTILDSQGKTAAVANSM[147]NYLTK	1
							2	ILASPVELALVVMKDLSQNFPTK	1
							1	TSGQKIK	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	6.19	*	*	*	3	3	LIFSHAVQM[147]VQSAALDEMFAQHREGC[339]VPRYHK	1
							3	KDLIGHGAFVAVFKGR	1
							2	LNELYKASVVSVC[330]QGLSLR	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	*	4.62	*	*	*	3	3	QC[339]AIM[147]EVVLATIKQYFHAGGNLKK	1
							3	YGIESIQAM[147]THFSC[339]LSSK	1
							2	C[330]LEC[330]GVKC[339]HEK	1
							3	NHSRTFPHGNNHSFSTM[147]HPRNK	2
UNC5D_HUMAN (Q6UXZ4) Netrin receptor UNC5D precursor (Unc-5 homolog D) (Unc-5 homolog 4) [MASS=105879]	0.00	7.97	0.16	0.00	1	4	2	QGNSLLNSAMQPDLTVSR	1
							2	IC[330]ATFDTPNAK	1
							3	LLHFKGNTFSLQISVLDIPPFLWR	1

UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	22.71	1.05	0.06	13	6	3	NALVSHLDGTTTPVC[339]EDIGR	1
							2	NALVSHLDGTTTPVC[339]EDIGR	1
							3	AVELLGDIVQNC[339]SLEDSQIEKER	2
							3	LC[339]QSFQTF SIC[339]YAETGLLGAHFVC[339]DR	1
							1	GKNILR	1
							2	LC[339]TSATESEVAR	2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.11	0.04	5	1	2	NALANPLYC[330]PDYR	2
							2	NALANPLYC[339]PDYR	3
							2	NALVSHLDGTTTPVC[330]EDIGR	1
							3	YIYDQC[330]PAVAGYGPIEQLPDYNR	1
							2	AVELLGDIVQNC[330]SLEDSQIEKER	1
							3	LC[330]QSFQTF SIC[330]YAETGLLGAHFVC[330]DR	2
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	1.99	0.81	0.20	3	1	2	LFPHC[339]GR	1
							2	LFPHC[330]GR	2
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	*	9.50	*	*	*	1	2	FM[147]VQTIFAPPNTSDMEAVWKEAK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	4.86	0.24	2.63	4	2	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							2	C[339]LGNPER	1
							2	C[330]LGNPER	1

VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	3.90	*	*	*	1	2	IPIFSAAGLPHNEIAAQIC[330]R	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	3.52	0.68	0.02	2	1	2	KDHADVSNQLYAC[339]YAIGK	1
VATH_HUMAN (Q9U112) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	*	4.55	*	*	*	1	3	VNWQSYLQGQMISAEDC[339]EFIQR	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	12.41	*	*	*	6	2	YMQKMGM[147]TEDDKR	1
							2	EIIELLFHKMTDDPM[147]NNK	1
							3	MFLRGTFYQGYM[147]C[330]TKC[330]GVGAHK	1
							3	YLFLFDKVVIVC[330]K	1
							3	MWSYGFYLIHLQGKQGFQFFC[330]K	1
							2	QQLKEALEAM[147]QDLAMYINEVK	1
VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	0.00	5.14	0.92	0.00	1	2	2	GETILENIEFLEDTDMK	1
							2	DPEIEM[147]SGGLVNGSSVTVSC[339]K	1
							3	DPEIEMSGGLVNGSSVTVSC[339]K	1
							2	YQIDPDAC[339]FSAK	2
							2	EHINLGC[330]DM[147]DFDIAGPSIR	1
							1	YQIDPDAC[339]FSAK	3
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	18.79	1.15	0.02	10	3	1	YQIDPDAC[330]FSAK	1
							2	YQIDPDAC[330]FSAK	3
							3	WNTDNTLGTETVEDQLARGLK	1

VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	14.99	1.03	0.08	7	3	2	WNTDNTLGTEIAIEDQIC[330]QGLK	1
							2	WNTDNTLGTEIAIEDQIC[339]QGLK	1
							2	SC[330]SGVEFSTSGSSNTDTGK	1
							2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[339]EYGLTFTEK	2
							2	WC[330]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	3.89	1.22	0.04	3	1	2	VC[339]NYGLTFTQK	1
							2	VC[330]NYGLTFTQK	2
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	*	3.22	*	*	*	1	3	WPGVKLLTSLKQLGPVQQIILVSPM[147]GVSR	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.68	17.37	0.75	0.00	1	2	2	GFLKDC[330]PSGR	1
							3	M[147]VGTVM[147]MKM[147]NEDGLTPEQRVDK	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	*	1.72	*	*	*	4	3	MIVC[339]ALEHEYEPYSRLK	1
							3	TSRHMQQQPVVAVPLVM[147]PVC[339]R	1
							2	VC[330]JELQLPDINLVNDQK	1
							2	DFLNGPADVNLDISK	1
VP33B_HUMAN (Q9H267) Vacuolar protein sorting 33B (hVPS33B) [MASS=70615]	0.00	5.67	0.89	0.00	1	2	2	LLSLHIGAC[330]ESIM[147]K	1
							2	LM[147]C[339]LLSITENGLIPKDYRSLK	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase) [MASS=96412]	1.00	6.45	0.79	0.15	3	4	3	ILSQKNENEMFSTVFSGR	1
							2	ASLYPC[330]PETPQER	1
							2	KIC[330]EGFR	1
							2	AIYHTLNLC[330]NIDVTQK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	*	5.78	*	*	*	3	2	FTLPPLVFAAYQLAFR	1
							2	HFHNTLEHLRLRR	2
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	*	9.84	*	*	*	3	3	HASNM[147]LGELRTSMLSPK	1
							2	RIYIPLPEEAARAQM[147]FR	1
							2	FSEDFGQES	1
							2	GILLFGPPGTGKSYLAK	1

VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	*	2.66	*	*	*	2	1	FLMSR	1
							2	EHTSSSAIPGGVDIM[147]VSEDMK	1
VTDB_HUMAN (P02774) Vitamin D-binding protein precursor (DBP) (Group-specific component) (Gc-globulin) (VDB) [MASS=52963]	0.00	6.12	1.26	0.00	1	1	2	TAM[147]DVFVC[330]TYFMPAAQLPELDPVELPTNK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	3.02	0.52	0.00	1	4	1	VIVIPVGIGPHANLKQIR	1
							3	M[147]IPARFAGVLLALALILPGTLC[339]AEGTR	1
							2	IDRPEASRIALLLM[147]ASQEPQR	1
							2	VAVVEYHDGSHAYIGLKDR	1
WBS22_HUMAN (O43709) Putative methyltransferase WBSCR22 (EC 2.1.1.-) (Williams-Beuren syndrome chromosome region 22 protein) [MASS=31880]	*	5.69	*	*	*	1	3	AGFSGGMVVDYPNSAK	1
WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	*	2.41	*	*	*	5	3	EFGGARC[339]AHNIVKYPQC[339]R	1
							2	DVFREVGLEVM[147]VNLHLYAALLK	1
							2	VFSWSVSDQPGRSAADHWVK	1
							2	ALVC[330]VVK	1
							2	ILVLLSNQSILIKFK	1
WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	*	5.10	*	*	*	2	2	EAC[330]LNIAMAQRNQDLPEEGC[339]SK	1
							3	LPVFQFDNQGYFNCS[330]TM[147]KSC[330]C[339]FAGDR	1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	*	1.74	*	*	*	1	2	IYAIEEEQFVEKLNLR	1
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	*	5.46	*	*	*	4	2	HEGRAPPR	1
							2	ENQGPAPQGMIM[147]GHPPQEM[147]R	1
							1	GRGGPGPAQR	1
							3	DQRDM[147]RAIQPDAGYYNDLVPPIGMLNPM[147]NAVTTK	1
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	*	11.53	*	*	*	5	2	VNC[330]IQWHQDSGC[330]LYSC[330]SDDK	1
							3	EPPVKLAVVC[339]R	2
							2	MSLLLVYGSWFQPTIERVALNSR	1
							3	TIKLWVLETKEVYR	1
							2	PLTSNC[330]TIQIATPGK	1
							2	EFNEYQAHAGPITK	2
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	0.00	9.03	1.21	0.00	1	4	3	GFAC[330]SAGPGRVLLFEK	1
							1	GHTGKIR	1
							2	YLAISQTVQEKPAITIELSSIPC[330]RK	1

WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	0.00	2.59	2.64	0.00	1	2	2	GMNWLGLR	1
							2	WHTC[339]SAFLPPGDFLVC[339]GDRR	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	0.00	4.45	3.40	0.04	2	2	2	FC[339]TYTERLLLVFSKVC[339]WK	1
							3	LIC[339]GC[339]EDGTIIITQALNAAKARLLEGGSLVK	1
							2	FC[330]TYTERLLLVFSKVC[339]WK	1
WDR76_HUMAN (Q9H967) WD repeat protein 76 [MASS=69753]	*	4.95	*	*	*	2	2	TC[330]RRIIPPK	1
							2	NISENADFFASLQLSAARLR	1
							3	DAAHLGLLEC[339]QFQFRHER	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	*	12.32	*	*	*	3	1	GNKDLR	2
							2	GLAPRSGDLVYMEDSPSFC[339]R	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	3.16	2.38	0.00	1	2	3	VLSDVDAFIAYVGTQDK	1
							2	M[147]C[339]RDYPQLVLPNFDMLYNHVK	1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	3.71	*	*	*	1	3	YLVWLEKNVPKGTVDEFSGAEIVDK	1
XYLT2_HUMAN (Q9H1B5) Xylosyltransferase 2 (EC 2.4.2.26) (Xylosyltransferase II) (xyIT-II) (XT-II) (Peptide O-xylosyltransferase 1) [MASS=96711]	*	3.35	*	*	*	1	3	HC[339]QLTGKMSPGIQWDESQAQQPMDGPPVR	1
YES_HUMAN (P07947) Proto-oncogene tyrosine-protein kinase Yes (EC 2.7.10.2) (p61-Yes) (c-Yes) [MASS=60670]	*	9.59	*	*	*	3	1	GIFLVRESETK	1
							3	LGQGC[330]FGEVWM[147]GTWNGTTKVAIK	1
							2	LTTVC[330]PTVKPQTQGLAK	1
YJDC_HUMAN (Q96F86) YjeF domain-containing protein 1 (Edc3) [MASS=56077]	0.00	3.74	0.68	0.00	1	1	3	EFC[330]TDSGLVVPSISYELHK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	*	2.89	*	*	*	1	3	SLAATPSSSLPC[330]TLIALGLRHEK	1

ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	0.00	6.19	0.45	0.00	1	9	2 PSIPTEKPSIPTEK 2 VALPVWLAQGRVTIR 3 VC[330]HPAM[147]ALPLFKISAKHEK 2 DAHGGSIPLGK 3 TLVGGQQVTLPAIPSKGVFLGASGR 2 GGILEVSYIKAVHVTVFDLSISLLRGC[330]K 2 SQC[339]GC[330]KDAHGGSIPLGK 3 C[330]TYILAQPC[339]GNSTDPFFRVTA 3 NAVISLPSMYEGLVSGLC[330]GNYDK	1 1 1 1 1 1 1 1
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	*	4.46	*	*	*	2	3 QFQC[330]ELC[330]VKSFVTK 3 ENVISSPEDSGM[147]GNDISAEDIC[330]AEDIPKHRQK	1 1
ZBT39_HUMAN (O15060) Zinc finger and BTB domain-containing protein 39 [MASS=79001]	*	3.65	*	*	*	1	3 VLSFVYTSELFTDLINVGVIYEVAER	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	2.26	*	*	*	1	3 MYAC[330]QYC[330]DAVFAQSIELSRHVRTHTGDK	1
ZC3H5_HUMAN (Q9C0B0) Zinc finger CCCH domain-containing protein 5 [MASS=88084]	0.00	5.68	11.25	0.00	1	3	3 RDGTFNYSPDVYC[330]TK 3 C[339]NDMQQSGSC[339]PR 2 EFRTEQC[330]PLFVQHKC[339]TQHR	1 1 1
ZCC2_HUMAN (Q7Z2W4) Zinc finger CCCH type antiviral protein 1 (Zinc finger CCCH domain-containing protein 2) [MASS=101444]	0.00	0.89	0.45	0.00	1	1	2 C[330]NYSQSER	1
ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	*	5.23	*	*	*	4	2 LGLKQAEER 2 PVAIPNTSHDGHWPRTVAPNSLVNSGAVGNSEPGFR 2 NLVNAQQVAGSAQQQGDQSIR 2 ASSYQMKSEKVPSSPAEAEK	1 1 1 1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.14	*	*	*	2	2 YTC[330]RLC[330]DVLIESIAFAHKHIK 2 RRDQEDALNQR	1 1
ZDH14_HUMAN (Q8IZN3) Probable palmitoyltransferase ZDHHC14 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) [MASS=53388]	*	7.38	*	*	*	1	3 PGLGTPC[339]ASLTLGPPTPPASM[147]PNLAEATLADVMPRK	1
ZFHX2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	*	5.05	*	*	*	3	2 IEGPERSQEEPKEGETEGETEVEGTEK 2 TQM[147]SSLQLKIM[147]KAC[330]YEAYR 3 GSGGSMPPPLRVPIK[330]TYHC[339]LAC[339]EVLLSGR	1 1 1

ZHX2_HUMAN (Q9Y6X8) Zinc fingers and homeoboxes protein 2 (Zinc finger and homeodomain protein 2) (Alpha-fetoprotein regulator 1) (AFP regulator 1) (Regulator of AFP) [MASS=92306]	*	2.51	*	*	*	1	2	WMEQYQHQPMAADHGYDAVAR	1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.60	3.87	0.40	0.00	1	3	3 SC[330]IAESPLWYSVIPMDRSM[147]LESM[147]LNR	1	
							2 RLVLESEC[330]SR	1	
							2 GLKTNC[339]C[339]DQC[339]GAYIYTK	1	
							3 EVMLENYSNLVSLGISFSKPELITQLEQGK	1	
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	*	9.94	*	*	*	3	3 THSGEKPYMC[330]SEC[339]GR	1	
							2 THSGEKPYMC[330]SEC[330]GRGFSQK	1	
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	*	2.39	*	*	*	1	2 SHRPQQNVGVQGAATRQQQSEMFPK	1	
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	0.00	5.49	3.68	0.04	2	2	2 SFSTSC[339]SLSDHLR	2	
							3 SFIHSSSLITHQR	1	
							3 DVSETSFQNA MLKPM[147]C[330]ETLTYISKEQLLSHK	1	
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	4.93	1.13	0.22	2	5	3 EQDIKTLPSHLC[339]TSALLSK	1	
							2 TLPSHLC[339]TSALLSK	1	
							2 THLPDFLIC[330]K	1	
							2 SLLSQNKFWKYGK	1	
							3 C[339]DDC[339]GFLADGLSGLNVHIAMK	1	
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	4.29	0.73	0.00	1	3	1 HLGMR	1	
							3 DHYRHTHGEKSFLC[330]DLC[330]GFAGGTR	1	
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	*	2.07	*	*	*	1	3 HQRIHTGEKPYVC[330]QEC[339]GK	1	
ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	*	4.01	*	*	*	1	3 PYTC[339]EEC[339]GKAFNC[330]SSTLMQHK	1	
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	*	3.36	*	*	*	2	3 VLSHSSALTEHQK	1	
							2 VAQNKTLGSGSR	1	
							3 PHKC[330]KEC[330]GIAFM[147]NSSLLNHHK	1	
ZN485_HUMAN (Q8NCK3) Zinc finger protein 485 [MASS=50280]	*	13.83	*	*	*	3	2 QSTSEASVLGERTKSVMMMEK	1	
							2 PYKC[339]NDC[339]GKAFAQNAALTR	1	
ZN559_HUMAN (Q9BR84) Zinc finger protein 559 [MASS=62317]	*	1.12	*	*	*	1	1 TYFRKK	1	
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	0.63	3.15	6.40	0.00	1	1	2 RHM[147]IM[147]HTGGGPHKC[339]K	1	
ZN571_HUMAN (Q7Z3V5) Zinc finger protein 571 [MASS=70801]	*	7.22	*	*	*	2	2 QGFSYLSLSC[339]LIQHEENHNIEKC[330]SEVK	1	
							3 ITC[339]EEKATESHSTSSTFHR	1	

ZN575_HUMAN (Q86XF7) Zinc finger protein 575 [MASS=26763]	0.00	7.35	0.43	0.00	1	1	3	LC[330]HDPPTAPGSQATAWHR	1
							1	SYKC[339]KVC[339]DK	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	6.23	*	*	*	4			
							2	HQIPHLGDK	1
							3	C[339]KVC[339]DKTFGSDSHLK	1
ZN625_HUMAN (Q96I27) Zinc finger protein 625 [MASS=34746]	*	13.40	*	*	*	3	3	RHRIM[147]HSGDGPYK	1
							2	QC[330]GKAFSHSGSLR	1
							1	THGRHTHTGEKPYEC[339]K	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrix-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	4.30	*	*	*	6	3	SKNLEDDTLSEC[339]K	1
							2	FSHADAQKMK	1
							1	QKHLEAADK	1
							3	PFGGLKDILILSSHKK	1
							2	YPDEQLTPENM[147]PLILRDIRM[147]R	1
							2	YPDEQLTPENM[147]PLILR	1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	*	7.42	*	*	*	2	2	HVAIEHTKIFPHVC[339]DDC[330]GK	1
							2	VC[330]KESFSTNM[147]LLIEHAK	1
ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	*	1.83	*	*	*	1	2	QQGIHFREK	1
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	*	2.84	*	*	*	1	3	C[330]EEEC[330]GKAFNQSPNLTK	1
ZN75A_HUMAN (Q96N20) Zinc finger protein 75A [MASS=34694]	0.00	10.47	1.25	0.00	1	2	2	RTHTGEQPYTC[339]SIC[339]R	1
							2	VPQKTAGKENHFDMPHR	1
ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	0.00	6.56	*	*	*	2	3	THTGETYFQC[339]TIC[339]K	1
							2	QLGQHLPNPHSGEM[147]STM[147]WLEEK	2

ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	5.45	*	*	*	2	1	NLTSVGK	3
							3	AFYFLNLC[339]LIHERIHTGVKPYK	1
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	*	3.51	*	*	*	1	2	PYEC[330]KEC[330]GKSFTVYQQLTR	1
ZNF38_HUMAN (P17036) Zinc finger protein 38 (Zinc finger protein KOX25) (Zinc finger protein HF.12) (Zinc finger protein 3) (HZF3.1) [MASS=50916]	*	9.19	*	*	*	2	2	C[339]DEC[330]SKSFNRTSDLIQHQR	1
							3	PYEC[330]NEC[339]GKAFSQSSSHLYQHQR	1
ZNF6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.44	3.76	1.76	0.00	1	2	2	YC[339]DYETAEQGLLNR	1
							3	VSFHNHLESHKLINK	1
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.27	3.03	1.25	0.00	1	1	2	RHEIM[147]VAKPTVM[147]C[339]SHFAR	1
							3	M[147]C[330]PEIARLLTPHIYQDLENHPSVLKYEK	1
							2	AYM[147]SIM[147]TQMK	1
							3	VC[339]LPAYVVGMITPIPIR	1
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	*	8.92	*	*	*	9	1	FVRWQNSK	1
							3	IITPM[147]C[339]SSSGIVYKVQFDTK	1
							2	PSANVYDLAKNFNLEVSLEFR	1
							2	KGMYC[339]IGNMQMLAK	1
							3	LNQHRM[147]C[330]PEIARLLTPHIYQDLENHPSVLK	1
							3	KGMYC[330]IGNMQM[147]LAKVPLWSK	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.66	17.78	0.92	0.04	2	3	2	M[147]EPSPAAGGLETTRLVSPR	1
							3	AADPISTFLFSIC[330]ALGSTAPTLDVLR	1
							3	AADPISTFLFSIC[339]ALGSTAPTLR	1
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	*	3.63	*	*	*	1	3	NIVC[330]PTAM[147]ESPC[339]ISGKYHTSLSR	1
ZXDA_HUMAN (P98168) Zinc finger X-linked protein ZXDA [MASS=84770]	0.00	3.75	0.52	0.00	1	2	2	M[147]HLLTHSSSQGQRPFK	1
							2	EQELFSC[330]SFPGC[330]SK	1
ZXDB_HUMAN (P98169) Zinc finger X-linked protein ZXDB [MASS=84792]	0.00	3.36	*	*	*	1	3	EEAEEGPGQLQGEGGANPAGPTALGPR	1

Table 4. MCI mitochondrial samples

Experiment 2

Description	A = Protein Score				E = XPress Peptides			G	Peptide Sequence	H
	A	B = Percent Coverage	C = XPress H2L Ratio	D = XPress Std. Dev.	E	F	G			
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	*	12.94	*	*	*	2	2	YDEM[147]VESM[147]K	1	
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.80	7.76	0.91	0.07	2	1	3	LIC[330]C[339]DILDVLDKHLIPAANTGESK	1	
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	18.29	0.90	0.04	5	2	3	ELETVC[339]NDVLSLLDKFLIK	1	
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	14.69	0.79	0.06	5	2	2	ELETVC[339]NDVLSLLDKFLIK	1	
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	17.55	0.61	0.02	2	3	3	ELEAVC[330]QDVLSLLDNYLIK	1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.97	8.50	0.58	0.00	1	2	2	LGLALNYSVFYYEIQNAPEQAC[330]HLAK	1	
3BHS7_HUMAN (Q9H2F3) 3 beta-hydroxysteroid dehydrogenase type 7 (3 beta-hydroxysteroid dehydrogenase type VII) (3Beta-HSD VII) (3-beta-hydroxy-delta(5)-C27 steroid oxidoreductase) (EC 1.1.1.-) (C(27) 3beta-HSD) [MASS=41016]	0.00	1.90	0.43	0.00	1	1	2	ELEAVC[339]QDVLSLLDNYLIK	1	
3BP2_HUMAN (P78314) SH3 domain-binding protein 2 (3BP-2) [MASS=62243]	0.00	4.46	0.56	0.00	1	1	3	YLAEVAC[330]GDDRK	1	
								SIC[330]TTVLELLDKYLIANATNPESK	1	
								SIC[339]TTVLELLDKYLIANATNPESK	2	
								YLAEVAC[339]GDDRK	1	
								IETELRDIC[330]NDVLSLLEK	1	
								IETELRDIC[339]NDVLSLLEK	1	
								LAEQAERYDDM[147]AAC[339]M[147]K	1	
								YDDMAAC[330]M[147]K	1	
								AVGPEITKTDLVPFQNLKDC[330]EAEVR	1	
								DNTIEHLLPLFLAQLKDEC[339]PEVR	1	
								HPYPC[330]SK	1	
								RC[330]VYYFKSSTSASPQGAFLSLSGYNR	1	

5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	5.53	*	*	*	1	3	GLVFDTLYGNLLKVDAYGNLLVC[330]AHGFNFIR	1
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	*	2.31	*	*	*	1	3	ENAWLVQQLDDVHQBKEDHK	1
AADAT_HUMAN (Q8N5Z0) Kynurenine/alpha-aminoadipate aminotransferase mitochondrial precursor (KAT/AadAT) (Kynurenine--oxoglutarate transaminase II) (EC 2.6.1.7) (Kynurenine aminotransferase II) (Kynurenine--oxoglutarate aminotransferase II) (2-aminoadipat [MASS=47351]	0.00	7.06	1.77	0.00	1	1	2	LHNPPTIHYPPSQGQMDLC[339]VTSGSQQLC[339]K	1
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	18.84	1.41	0.07	7	5	2	NM[147]GLYGERVGAFTM[147]VC[330]KDADEAK	1
							2	VGAFTMVC[339]K	1
							2	NLDKEYLPIGGLAEFC[339]K	2
							2	VGAFTM[147]VC[330]K	1
							2	VGAFTM[147]VC[339]K	1
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	*	6.10	*	*	*	7	2	TC[339]GFDFTGAVEDISK	1
							2	HFIEQGINVC[339]LC[339]QSYAK	1
							2	TLNSTSPFPSK	1
							2	KVLRTLQQIK	1
							3	SM[147]PLFM[147]TLAWIYSVAVIIKGVYEKEAR	1
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	0.00	3.27	0.41	0.00	1	1	3	HRNM[147]LQYQLPSSLARIFSIQSQSK	1
							2	IRMDIDNVERTNK	1
							3	TTTMSILTGLFPPTSGTAYILGKDIRSEM[147]STIR	1
							2	LAKDSSADRFLNSLGR	1
							3	QC[330]QEHARAM[147]GVADEALGNVRTVR	1
ABHD5_HUMAN (Q8WTS1) Abhydrolase domain-containing protein 5 [MASS=39095]	0.00	2.01	1.30	0.00	1	1	2	C[330]ALGLDK	1

ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	0.00	14.46	1.23	0.00	1	3	2	IGSEGGFLIAVRGLNGGR	1
							2	LGC[330]LPGGLRVLVQTGHR	1
							2	FASYC[330]LTEPGSGSDAASLLTSAKK	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	1.94	*	*	*	1	1	M[147]AAALLAR	1
ACL7B_HUMAN (Q9Y614) Actin-like protein 7B (Actin-like-7-beta) (Actin-like 7B) [MASS=45233]	0.00	4.58	2.98	0.00	1	1	3	C[339]GYAGEPRPTYFISSTVGK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.79	1.29	0.13	3	3	3	VAVPSTIHC[339]DHLIEAQVGGEK	1
							3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							3	WVIGDENYEGGSSR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	7.39	1.13	0.00	1	2	2	TISFRSRVLPSSNAVWMENSK	1
							2	SLEIC[339]HPQER	1
							2	C[330]DVIDIRK	2
							1	C[339]DVIDIRK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	17.07	0.55	0.16	9	4	3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							2	C[339]DVIDIRK	2
							2	C[330]DVIDIR	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
							3	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.99	2.93	*	*	*	1	2	YC[330]FPNYVGRPK	1
ACTZ_HUMAN	0.99	8.51	0.72	0.00	1	1	2	M[147]ESYDVIANQPVVINDNGSGVIKAGFAGDQIPK	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	*	3.61	*	*	*	1	3	HFSGRTITLQPGSPC[339]NDFRGYC[339]DVFM[147]R	1

ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	*	2.58	*	*	*	1	3	GYFSQGDQRYFIEPLSPIHR	1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	*	3.67	*	*	*	1	3	IFSNC[339]SFEDFAHFISKQKSQC[339]LHNQPR	1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenylyl cyclase 7) [MASS=120308]	0.00	9.07	1.27	0.00	1	4	3	WQYDVVSHDVSLANRM[147]EAAGVPGRVHITEATLK	1
							3	IQVTEETC[339]TILQGLGYSC[339]EC[339]RGLINVK	1
							2	RQQENLLSVLPAHISMGMK	1
							2	LRVGINHGPVIAGVIGAR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	1.00	4.21	1.65	0.00	1	1	3	C[330]GLLPISPEALSLGEVAYHDYHGILVDEEEK	1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	*	1.91	*	*	*	2	3	GPISDALAHHLRER	1
							1	SM[147]GLPPR	1
							2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
							2	VKLLLQVQHASK	2
							2	EFHGLGDC[339]IHK	2
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	16.84	1.21	0.01	6	3	1	EFHGLGDC[339]IHK	2
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
							2	EFHGLGDC[330]IHK	2
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1

ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	25.59	0.58	0.44	2	3	1	GLGDC[339]LVK	1
							3	TQFWRYFAGNLAGGGAAGATSLC[330]FVYPLDFAR	1
							3	GMLPDPKNTHIVISWMIAQTVTAVAGLTSYPFDTVR	1
							1	GLGDC[330]LVK	1
							2	GLGDC[339]LVK	1
AFAM_HUMAN (P43652) Afamin precursor (Alpha-albumin) (Alpha-Alb) [MASS=69069]	0.00	1.50	0.40	0.00	1	1	2	HNFSHC[330]C[330]SK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor-associated protein) [MASS=127458]	*	7.31	*	*	*	5	3	EFFAELDKVM[147]GPLIFNASIM[147]TDLVR	1
							3	FEKAVYYLDAVVSFIEC[330]GNALEKNAQESK	1
							3	NYLAPDATAADKR	1
							2	TSSSSKEVK	1
							2	SHGNDHHSK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	0.00	10.16	1.48	0.04	2	4	3	ADVEKVALLLLEKEVLDK	1
							3	KLASLTPGFSGADVANC[339]NEAALIAAR	1
							2	EKEEPPGEK	1
							3	MC[339]MTLGGRASEEIFFGRITGAQDDL	1
AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	*	1.72	*	*	*	2	2	DTELFIFNSC[330]LRQEKEGTM[147]NTEK	1
							2	LMQDIQHQNDEAIWEK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	5.63	*	*	*	12	2	SLLSEIQALHAQMNGRK	1
							3	MKSSVFDEDKTFVAETLEM[147]GEVVEK	1
							3	DC[330]VLTISEEMFSK	1
							2	AKIEELSLAFLVR	1
							1	GEMENALR	1
							3	QAHAVC[339]QQEQHYFNEM[147]K	1
							2	SFEENGKGSINLETRLLQLESTVSAK	1
							3	VTDESIPSYSYSGSDM[147]PRNDINM[147]WSKVTEEGTELSQR	1
							2	QHMAQM[147]EEM[147]KTR	1
							3	QSQMLEMQVELSSMKDRATELQEQLSSEK	1
							2	AVIQC[330]LR	5

AL2S8_HUMAN (Q8N187) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein (Calcium-response factor) (CaRF) (Protein NYD-SP24) [MASS=80697]	0.00	2.07	1.01	0.00	1	1	2	TSAQVFEHLIC[339]M[147]DSR	1
							3	VHTEC[339]C[339]HGDILLEC[339]ADDRADLAK	1
							3	MPC[330]AEDYLSVVLNQLC[339]VLHEK	1
							3	RHPYFYAPELLFFAKR	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	19.87	0.63	0.24	6	7	2	LKEC[330]C[330]EKPLLEK	1
							2	RPC[330]FSALEVDETYVPK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	ALVLIIFAQYLQQC[330]PFEDHVK	1
							3	M[147]PC[330]AEDYLSVVLNQLC[330]VLHEK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	12.38	2.83	0.11	4	3	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	20.66	0.51	0.56	8	6	1	C[330]AQYK	1
							3	ALSDHHIYLEGTLKPNM[147]VTPGHAC[330]TQK	1
							2	C[330]QYVTEK	1
							2	C[330]AQYKK	1
							2	VNPC[330]IGGVILFHETLYQK	1
							2	ALANSLAC[330]QGK	2
							2	ALANSLAC[339]QGK	1
							2	VNPC[339]IGGVILFHETLYQK	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.95	6.61	1.18	0.00	1	1	3	C[330]IGGVIFFHETLYQKDDNGVPFVR	1
ALG12_HUMAN (Q9BV10) Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase (EC 2.4.1.-) (Mannosyltransferase ALG12 homolog) (hALG12) (Membrane protein SB87) [MASS=54654]	0.00	13.52	2.83	0.00	1	3	3	VELC[339]LFLGLLLLLLALGNRK	1
							2	RTHAPTVALGFMALYSLLPHK	1
							2	TLPNVLALPVVLLALAAWLREHAWAR	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	0.00	1.15	*	*	*	2	3	ASLPVGEKPLQENADASVQVLITGDENLSDKK	1
							2	TGTPTVTSTSYSQHR	1
ALU2_HUMAN (P39189) Alu subfamily SB sequence contamination warning entry [MASS=63802]	0.00	4.60	1.53	0.00	1	1	2	EPPRPAXXXFFXDGVSLC[330]RPGWSAVAR	1

ALU7_HUMAN (P39194) Alu subfamily SQ sequence contamination warning entry [MASS=64513]	0.00	3.54	1.82	0.00	1	1	2	NXPGVVAGAC[330]NPSYSGGXGRR	1
AMOL1_HUMAN (Q81Y63) Angiotensin-like protein 1 [MASS=106573]	0.00	2.30	*	*	*	1	2	HGNGQPANMPEYNAPALLELVR	2
AMOT_HUMAN (Q4VCS5) Angiotensin [MASS=118085]	0.00	1.66	0.54	0.00	1	1	2	C[330]LDM[147]EGRIKTLHAQIIEK	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	1.00	3.31	1.10	0.04	2	6	3	TFGSSAHKTQTDSEAQESTATSDETK	1
							2	SERGLVEEEWVIVSDEEIEEAR	1
							2	NGLSPLHM[147]AAQGDHVEC[330]VK	1
							3	NGLSPLHM[147]AAQGDHVEC[330]VK	1
							2	EKMADEQGDMDLQISPDRK	1
							2	HQPVSTAGK	1
							3	VNVADILTKHGADQDAHTKLGYPPLIVAC[339]HYGNVK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.31	*	*	*	6	3	M[147]VYHSPPGGEGASERIEETM[147]SVHDIMK	1
							2	AAAVDFTAR	1
							3	TVQETRGTFTYTR	1
							2	PC[339]VPVSM[147]KKMSR	1
							2	TVATKGLDFPWSNNR	1
							3	STSLKQTTVEETAVEREMPNDVSK	1
ANM1_HUMAN (Q99873) Protein arginine N-methyltransferase 1 (EC 2.1.1.-) (Interferon receptor 1-bound protein 4) [MASS=41485]	*	5.54	*	*	*	1	3	EPLVDVDPKQLVTNAC[330]LIK	1
							3	SEHQFNIDSM[147]VHK	12
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1			
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.70	*	*	*	6	2	LIVSC[339]EQEILR	1
							2	FSLSDDRDR	1
							2	MLSQKDLEIEERHK	1
							3	VLKHDRDHFK	1
							1	ASLSEK	1
							3	RFQRSTQQLQQQLNTSTQQTR	1

ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	*	2.04	*	*	*	2	3	YDNTESEFLPESSSVKSC[339]KHK	1
							2	NVMTLGKSSFVSDNSLNRSR	1
ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	*	1.86	*	*	*	1	2	C[339]AEALAPLLSSLNVADRSGR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.98	7.10	1.26	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.21	0.72	0.19	2	3	2	YEKSLYSM[147]IK	1
							2	LIVGLMRPPAYC[330]DAK	1
							2	QRQEVC[330]QSYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.53	2.63	0.95	0.00	1	2	2	C[330]LKDEDPYVRK	1
							3	GEIFELKAELNSDK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	1.00	10.64	0.80	0.00	1	4	3	YTEKQIGYLFISVLVNSNSELIRLINNAIK	1
							3	TSVQFQNFSPVTVHPGDLQTHLAVQTKR	1
							2	KKGPGAGSALDDGR	1
							3	VAAQVDGGAQVQQVLNIEC[330]LRDFLTPPLLSVR	1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	*	1.66	*	*	*	1	2	LMGMNEITEKLM[147]LPDTC[339]R	1

AP3D1_HUMAN (O14617) AP-3 complex subunit delta-1 (Adapter-related protein complex 3 subunit delta-1) (Delta-adaptin 3) (AP-3 complex subunit delta) (Delta-adaptin) [MASS=130157]	0.00	3.99	1.49	0.00	1	3	3	GSLQEDSQVTVAIVLENR	1
							2	C[339]SDSTLLSNLLEEM[147]K	1
							3	LRILIEDSDQNLK	1
AP4B1_HUMAN (Q9Y6B7) AP-4 complex subunit beta-1 (Adapter-related protein complex 4 beta 1 subunit) (Beta subunit of AP-4) (AP-4 adapter complex beta subunit) [MASS=83261]	*	2.03	*	*	*	1	3	LLYYC[330]IEEEKDMAVR	1
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	0.00	0.66	5.87	0.00	1	2	2	TC[339]QSWSSMTPHWHR	1
							2	TPENYPNAGLTENYC[339]JR	1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.77	6.35	1.12	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
							1	QWAGLVEK	1
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	*	23.03	*	*	*	4	2	AATVGSLAGQPLQER	1
							3	WVQTLSEQVQEELLSSQVTQELRALMDETMK	1
							2	ELQAAQARLGADM[147]EDVC[339]GR	1
ARC1B_HUMAN (O15143) Actin-related protein 2/3 complex subunit 1B (ARP2/3 complex 41 kDa subunit) (p41-ARC) [MASS=40818]	0.00	3.50	2.11	0.00	1	1	2	AARC[339]VRWAPNENK	1
ARHG6_HUMAN (Q15052) Rho guanine nucleotide exchange factor 6 (Rac/Cdc42 guanine nucleotide exchange factor 6) (PAK-interacting exchange factor alpha) (Alpha-Pix) (COOL-2) [MASS=87498]	0.00	3.99	2.07	0.00	1	2	2	TIC[339]DPEEFLK	1
							3	TIC[330]DPEEFLKSSLKNGVVLC[330]K	1
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	*	1.24	*	*	*	1	2	KAKASSALVVC[339]GGQGHR	1
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	*	3.04	*	*	*	1	3	C[330]RQM[147]YHAPTDC[330]ATIR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	1.67	*	*	*	2	2	IIWPLDK	1
							2	DNFLQQLYKFMEDR	1
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	0.00	13.19	1.07	0.00	1	1	3	VWQIQSC[330]SALTGEGVQDGMNWVC[330]K	1

ARP3_HUMAN (P61158) Actin-like protein 3 (Actin-related protein 3) [MASS=47240]	0.99	7.19	0.47	0.00	1	1	2	TLTGTVIDSGDGVTHVIPVAEGYVIGSC[330]IK	1
ARP8_HUMAN (Q9H981) Actin-related protein 8 [MASS=70425]	0.00	7.37	2.39	0.00	1	2	2 C[339]ILLIPDIYNKQHVK 3 LGDEKLQAPMALFYPTFGVIGQKM[147]TTLQHR	1 1	
ARRD3_HUMAN (Q96B67) Arrestin domain-containing protein 3 [MASS=46394]	*	12.56	*	*	*	2	2 M[147]VVPKAAIYQTQAFYAKGK 3 MVLGKVKSLTISFDC[339]LNDSNVPVYSSGDTVSGR	1 1	
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	0.00	4.22	0.57	0.00	1	2	3 LLLYLRIVHSLDYNTC[330]EYPNEDEM[147]PNR 2 NINGITQHK	1 1	
ARSG_HUMAN (Q96EG1) Arylsulfatase G precursor (EC 3.1.6.-) (ASG) [MASS=57060]	0.00	5.71	0.38	0.00	1	1	3 MGWFLKVLLAGVSFSGFLYPLVDFC[330]ISGK	1	
ASCL3_HUMAN (Q9NQ33) Achaete-scute homolog 3 (bHLH transcriptional regulator Sgn-1) [MASS=20797]	*	18.33	*	*	*	1	3 LPLTRSFYLEPM[147]VTFHVHPEAPVSSPYSEELPR	1	
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	4.32	*	*	*	4	3 ADIGIAMGIAGSDDAAK 2 LIIVEGC[330]QR 1 NC[330]LVK 3 FSEVILGDVMEIRKR	1 1 1 1	
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.87	0.44	0.07	5	5	2 IISANGC[339]K 3 NLEAVETLGSTSTIC[330]SDKTGTLTQNR 2 IAGLC[339]NR 2 C[339]SSILLHGK 2 C[330]SSILLHGK 2 AC[330]VVHGSDLK 2 IISANGC[330]K 2 IAGLC[330]NR	1 1 1 1 1 1 1 2	
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	1.00	5.88	0.39	0.14	3	4	1 C[330]SSILLHGK 2 IISSHGC[339]K 2 C[330]IELSC[330]GSVR 2 EDSPQSHVLM[147]KGAPER 1 IISSHGC[330]K 3 EGEKM[147]QINAEVVVGDVLEVKGGDR	1 1 1 1 1 1	

								2	KYNTDC[330]VQGLTHSK	2
								3	AC[339]VIHGTDLKDFTEIQIDEILQNHTEIVFAR	1
								2	VLGFC[330]HYLPEEQFPK	3
								2	IISAHGC[330]K	2
								2	AC[330]VIHGTDLK	1
								2	M[147]SVEEVC[330]R	1
								2	C[330]STILLQGK	1
								2	SPDC[339]THDNPLETR	1
								1	C[330]STILLQGK	1
								3	AC[330]VIHGTDLKDFTEIQIDEILQNHTEIVFAR	1
								2	VLGFC[339]HYLPEEQFPK	1
								1	IISAHGC[330]K	1
								2	YNTDC[330]VQGLTHSK	1
								2	IISAHGC[339]K	2
								2	KYNTDC[339]VQGLTHSK	2
								2	M[147]SVEEVC[330]RK	1
								2	SPDC[330]THDNPLETR	1
								3	DSAQRDDM[147]IFEDC[330]GDVPSEPKER	1
								2	EGKPC[330]IIIK	1
								3	YKDSAQRDDM[147]IFEDC[339]GDVPSEPK	1
								1	YNPNVLPVQC[330]TGK	1
								3	YKDSAQRDDM[147]IFEDC[330]GDVPSEPK	1
								2	YNPNVLPVQC[330]TGK	1
								1	VAPPGLTQIPQIK	1
								2	YNPNVLPVQC[339]TGK	1
								3	DEDAENLGNFVMFPANGNIDLMYFPYYGKK	1
								2	VINFYAGANQSM[147]NVTC[330]AGKR	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	12.93	0.45	0.61	23	10				
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	27.06	0.47	0.27	7	5				
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	17.24	1.23	0.00	1	2				

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756])	1.00	4.70	1.04	0.06	4	4	2	ANAC[330]NSVIK	1
							2	NYLEPGKEC[330]VQPATK	1
							3	C[330]LALATHDNPLR	1
							2	SM[147]SVYC[330]TPNKPSR	1
							2	SM[147]SVYC[339]TPNKPSR	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.25	3.34	0.57	0.00	1	2	2	KIQESYGDVYGIC[330]TK	1
							2	AGLLM[147]SAITVILVLYFVIDTFWVQKR	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	10.94	0.55	0.35	3	7	3	NESSHGGEFGC[330]TM[147]EELRSLM[147]ELR	1
							2	IKETYGDTEAIC[330]R	1
							3	M[147]VTGDNINTARAIAIKC[339]GIIHPGEDFLC[330]LEGK	1
							3	TEC[330]GLLGFVLDLKQDYEPVR	1
							3	KQIFGQNFIPPKK	3
AT2B3_HUMAN (Q16720) Plasma membrane calcium-transporting ATPase 3 (EC 3.6.3.8) (PMCA3) (Plasma membrane calcium pump isoform 3) (Plasma membrane calcium ATPase isoform 3) [MASS=134258]	*	2.79	*	*	*	2	3	IDESSLTGESDQVRKSVDK	1
							2	C[330]GIIHPGEDFLC[330]LEGK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	4.19	0.46	0.02	3	3	3	AKKQDGAVAM[147]EMQPLK	1
							2	YDLLPADGVLIQANDLK	1
							3	QVGNKTEC[330]ALLGFVTDLKQDYQAVR	1
							3	TEC[330]ALLGFVTDLKQDYQAVR	1
							2	SM[147]STVIR	1
							3	TEC[339]ALLGFVTDLKQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.60	2.34	1.38	0.00	1	1	1	C[339]IADLK	2

AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase 1A (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	1.12	*	*	*	1	2	AVYQRASTSVQNR	1
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	1.44	*	*	*	2	2	EVETYHR	1
							2	NRAINRC[339]LPLNFR	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	0.00	9.16	0.73	0.00	1	2	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
							2	NFPAIGGTGPTSDTGWGC[330]M[147]LR	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	*	2.42	*	*	*	1	3	GGMGPRM[147]VNLSEC[339]M[147]DPK	1
ATL1_HUMAN (Q8N6G6) ADAMTS-like protein 1 precursor (ADAMTSL-1) (Punctin-1) [MASS=58416]	*	6.48	*	*	*	2	3	C[330]LSSKSC[339]EGR	1
							3	MEC[330]C[330]RRATPGTLLLFLAFLLLSSR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	4.06	*	*	*	5	3	EETGISLQDLLLEIYRSIGEPDSL YGC[330]GGGK	1
							3	FLDFFSKAIQC[330]ARQEK	1
							3	ISM DHPHHTLFIILALANANRDEFLTK	1
							3	PEDETELHPTLNADDQEC[330]K	1
							3	DQMVDIMRASQDNPQDGIM[147]VKLVVNLQLSK	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidolulsian atrophy protein) [MASS=124773]	*	1.18	*	*	*	1	3	VEEASTPKV NKQGR	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	1.00	14.00	1.74	0.02	2	1	2	YSQIC[339]AK	1
							2	YSQIC[330]AK	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.15	0.05	2	1	2	IC[339]SLHSLPPQS	1
							1	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	9.04	1.47	0.02	2	3	2	LYC[339]IYVAIGQK	1
							1	LYC[330]IYVAIGQK	1
							2	FENAFLSHVVSQHQALLGTIR	1
							2	RPPGREAYPGDVFYLHSR	1

ATPB_HUMAN (P06576) ATP synthase beta chain, mitochondrial precursor (EC 3.6.3.14) [MASS=56559]	0.00	6.81	*	*	*	2	2	VAAAPASGALRR	1
							3	SLQDIILGMDDELSEEDKLTVSR	1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	10.40	1.38	0.03	3	2	2	GLC[330]GAIHSSIAK	1
							2	QAVITKELIEIISGAAALD	1
							2	GLC[339]GAIHSSIAK	2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	*	2.73	*	*	*	2	3	DKIYM[147]YGGKIDSTGNVTNELR	1
							3	YGHSLALYKDKIYMYGGK	1
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	*	1.44	*	*	*	3	3	M[147]KEAYTHAQISR	1
							2	KMALNSLM[147]SLM[147]KLM[147]GPK	1
							2	THVLDIEQR	1
ATS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	*	1.58	*	*	*	1	2	HRSC[339]NTDDC[330]PPGSQDFR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	2.47	*	*	*	2	2	VRPDDVHLPLPAAPGPR	1
							2	ESPLLVADR	1
ATS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	*	1.47	*	*	*	1	3	GDNSTC[339]KFKYKGLYLNQHK	1
ATS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	*	1.15	*	*	*	1	3	LVIC[339]QFPNGQILEDHNC[330]EIVNK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	2.53	*	*	*	3	3	SNGERFPDLSC[330]EILDK	1
							2	GEFLLNGNFVVTM[147]AKREIR	1
							2	ESDQLTVSDQRC[339]DR	1

AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.99	16.52	1.29	0.00	1	2	3	MAAAVAAAPGALGSLHAGGAR	1
							3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[339]DIR	1
AZI1_HUMAN (Q9UPN4) 5-azacytidine-induced protein 1 (Pre-acrosome localization protein 1) (Centrosomal protein of 131 kDa) (Cep131 protein) [MASS=122060]	0.51	7.66	3.00	0.00	1	5	3	GAVGNC[339]VTTMVHNRYTPSER	1
							3	AATC[339]EGSESSGFGK	1
							3	RKVLEATGPGGSQAINNLR	1
							2	LRDKYEAELSELEQSER	1
							2	ASTAERGPPENPR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	3.76	*	*	*	2	3	ETGSSSASLLLDLDM[147]GEM[147]PSITLSTHLHHR	1
							2	VESLSPELR	1
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	0.75	11.62	1.08	0.00	1	2	2	SHGKDEEC[339]VLEAENKK	1
							2	GVLKTQAENTNK	1
BARH1_HUMAN (Q9BZE3) BarH-like 1 homeobox protein [MASS=35074]	0.00	14.07	0.42	0.00	1	2	2	TVTSSFLIRDILADC[330]K	1
							3	PLVPRILIHGLQGASEPPPLPLAGVLP	1
BASI_HUMAN (P35613) Basigin precursor (Leukocyte activation antigen M6) (Collagenase stimulatory factor) (Extracellular matrix metalloproteinase inducer) (EMMPRIN) (5F7) (Tumor cell-derived collagenase stimulatory factor) (TCSF) (OK blood group antigen) [MASS=42200]	0.99	9.61	0.81	0.00	1	2	3	VKAVKSSEHINEGETAM[147]LVC[330]K	1
							2	SSEHINEGETAM[147]LVC[330]K	1
BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	*	2.87	*	*	*	1	2	LLAC[330]DGNEIDTMFVDR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	0.00	3.91	40.43	0.00	1	1	2	QENIAGPC[339]RPAQLPAVAPIAASSHPHSSVITSPLR	1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	*	9.45	*	*	*	4	3	SC[339]DDFSHM[147]GTLPHSKSPR	1
							3	RLSLTM[147]GGVQAR	1
							3	ESTC[339]VPPNNVSVPLLMPLVTLMER	1
							3	GPPPIRSC[330]DDFSHMGTLPKSPR	1

BCDO1_HUMAN (Q9HAY6) Beta,beta-carotene 15,15'-monooxygenase (EC 1.14.99.36) (Beta-carotene dioxygenase 1) [MASS=62637]	*	3.11	*	*	*	1	2	LPFLLLILDAKSFTELAR	1
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	0.00	6.25	0.98	0.00	1	1	3	YKYIVLNSQASQAGSLVGERSSGQPC[330]PQAR	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	0.87	13.11	0.68	0.00	1	3	2	RC[330]LEILEQMNEEDDSEQLQMELEK	1
							3	LKKTNVFNATFHIWHSGQFGTINNFR	1
							3	ELPLYC[339]SGGLR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	1.25	*	*	*	1	2	SLSSTSAGGKKQAQPSC[339]APASR	1
BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase) (Histo-blood group A trans) [MASS=40934]	*	6.21	*	*	*	1	3	PMILFLIMLVLVFGYGVLSR	2
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	0.81	3.07	0.00	1	1	3	GWFPILFELSC[339]IINR	1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	3.14	*	*	*	3	3	AHASYYPYLC[339]EIMQFDLPELRAVLR	1
							2	FC[330]GKYVSRPR	1
							2	FNKEVMYAYVDQLDFC[330]JEK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	*	2.85	*	*	*	2	3	ESLENISENDDYLKHQPEISLQMQLLR	1
							3	WQEGDDPLDDHTR	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	2.40	*	*	*	6	3	LQWEIVANVLEDTVKDLEELGANPC[330]LTNSKSEK	1
							2	MLSETSNPEDLIQTSSTEQLR	1
							2	GYSLASLLAK	1
							2	IRLHTGLLLVLQLC[339]GGER	1
							2	SLFSTTPLTTDDGVLLR	1
							3	SLFSTTPLTTDDGVLLRR	1

BIRC7_HUMAN (Q96CA5) Baculoviral IAP repeat-containing protein 7 (Kidney inhibitor of apoptosis protein) (KIAP) (Melanoma inhibitor of apoptosis protein) (ML-IAP) (Livin) [MASS=32798]	0.00	10.40	1.38	0.00	1	2	2	SLGSPVLGLDTC[339]R AWWWLEPPGARDVEAQLR	1 1
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.00	2.58	1.32	0.00	1	1	2	SDGILC[339]DITLIAEEQK	1
BPIL3_HUMAN (Q8NFQ5) Bactericidal/permeability-increasing protein-like 3 precursor [MASS=49716]	0.00	4.42	1.07	0.00	1	1	2	VLPGLMC[330]PAIDAVLVYVNRK	1
BPL1_HUMAN (P50747) Biotin--protein ligase (EC 6.3.4.-) (Biotin apo-protein ligase) [Includes: Biotin--[methylmalonyl-CoA-carboxytransferase] ligase (EC 6.3.4.9); Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase (EC 6.3.4.10) (Holocarboxylase) [MASS=80759]	0.00	2.48	2.19	0.00	1	1	3	YEVLRREILTTLGLSC[339]DMK	1
BRAC_HUMAN (O15178) Brachyury protein (T protein) [MASS=47443]	0.00	6.21	1.62	0.00	1	1	3	MITSHC[339]FPETQFIAVTAYQNEEITALK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	2.17	*	*	*	4	2 3 2 3	PESKSGLLTLFAGDFSVFSASPK TLVLC[330]VSDIISLSANISSETSSNK FIYAIHDETSYK EQGTSEITSFESHQWAK	1 1 1 1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	*	1.61	*	*	*	2	1 2	M[147]EPVK DQGGVVLQRARR	1 1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	3.51	0.55	0.00	1	2	2 3	WVDHLC[330]SPQVNQK LVATNM[147]IANGKLAEGVQLLC[339]LIDKAADAC[339]R	1 1
BTBD9_HUMAN (Q96Q07) BTB/POZ domain-containing protein 9 [MASS=69187]	*	3.76	*	*	*	1	2	GELKSALLDGDGTQNYDLDHGFSR	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	*	0.92	*	*	*	1	2	FSPIQEKSPK	1

BWR1B_HUMAN (Q8N1D0) Beckwith-Wiedemann syndrome chromosome region 1 candidate protein B (p27-Beckwith-Wiedemann region 1 B) (p27-BWR1B) (Organic cation transporter-like protein 2-antisense) (Solute carrier family 22 member 18 antisense) (Solute carrier [MASS=27218])	0.00	6.72	1.75	0.00	1	1	2	AGGC[339]SAFPLLLSQLGAR	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	*	0.89	*	*	*	1	2	NAAVVC[330]KQLGC[339]GK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	14.54	1.44	0.00	2	2	3	ALVLDC[330]HYPEDEVGQEDEAESDIFSIR	1
							2	PFGLLSVRAGSERR	1
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.12	0.14	3	1	3	SLC[330]LGPALIHAK	1
							2	SLC[330]LGPALIHAK	1
							2	SLC[339]LGPALIHAK	1
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	0.00	5.19	1.24	0.00	1	6	3	ATTESTSVTVAIPDVDPLVDSTVVHISNKTDGEASPLK	1
							3	DHELRGNHGAK	1
							1	RSYHSSLR	1
							3	YLNIAFTM[147]VFSLEC[339]VLK	1
							2	QRQLEEQKNAPMFQR	1
							3	YYSAPC[330]TYELALKYLNIAFTMVFSLEC[339]VLK	1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	*	3.97	*	*	*	3	3	GTPTSSQPSVPPQAGSNTHRRGSGALIFTIPEEGNSQPK	1
							3	RLVAM[147]NM[147]PLNSDGTVTFNATLFLVVRTSLK	1
							2	LLPPTPAGRK	1

CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	0.00	0.63	0.58	0.00	1	1	2	C[330]LALVSLGEHPELRK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	3.02	0.67	0.00	1	2	2 2	NQLILGVM[147]GVDVSLIEDIK KTPNNPSC[330]NADLINR	1 1
CAD15_HUMAN (P55291) Muscle-cadherin precursor (M-cadherin) (Cadherin-15) (Cadherin-14) [MASS=88915]	0.00	3.19	1.27	0.00	1	1	3	MDAAFLLVLGLLAQSLC[339]LSLGVPGWR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	*	5.41	*	*	*	1	3	LNKPFLFDTKPLIVQYEVNFQNGIEC[339]GGAYVK	1
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	0.00	5.65	2.07	0.00	1	2	2 3	GSLGCG[339]FIDTR DM[147]DGNVDIDLPEPPKPTPPDQETEEQR	1 1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	0.00	2.37	*	*	*	2	3 2	C[330]IAYPFNAKQPTDM[147]ARR LMASDMIESC[339]VKRTR	1 1
CAPS2_HUMAN (Q86UW7) Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) [MASS=147734]	0.00	4.78	0.52	0.00	1	2	3 3	FVSVLEGVLSKLSRYDEGTFSSILSFTVK FIAKDM[147]ENM[147]YIEELRSSVNLLM[147]ANLESLPVSK	1 1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	*	6.01	*	*	*	3	2 3 2	PLLVSALRPVLLPEC[330]LAPR RSFSSMSDITGSVTLKPWSPGLSSSSSSDSVWPLGK C[330]LPSSR	1 1 1
CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	0.00	5.84	0.69	0.00	1	4	2 3 2 1	C[339]STLGKDC[330]EM[147]YK QSVPLDTC[339]TKEEAHWTIQRC[339]SGPVTLYHK LVKDM[147]EDGLITSGDSFYIR SLPDSK	1 1 1 2
CARKL_HUMAN (Q9UJH6) Carbohydrate kinase-like protein (EC 2.7.1.-) [MASS=51504]	0.00	9.00	2.63	0.00	1	2	2 3	AVSHLVTWQDGR TGQGC[339]EWTEGGITPVFEPRAVSHLVTWQDGR	1 1

CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	*	3.59	*	*	*	5	3	TIYSGEENMDITKSHTVAIDNQIFK	1
							3	SPIEKSGVLKSNC[330]IMDVLEDESQVK	1
							2	C[330]SAFPDVPDK	1
							2	LLGEEIEYLKR	1
							2	MLEEFSLVVHHC[339]R	1
CASP9_HUMAN (P55211) Caspase-9 precursor (EC 3.4.22.-) (CASP-9) (ICE-like apoptotic protease 6) (ICE-LAP6) (Apoptotic protease Mch-6) (Apoptotic protease-activating factor 3) (APAF-3) [Contains: Caspase-9 subunit p35; Caspase-9 subunit p10] [MASS=46281]	*	4.57	*	*	*	1	2	ELFRPHMIEDIQRAGSGSR	1
CASP_HUMAN (Q13948) Protein CASP [MASS=77455]	*	1.47	*	*	*	1	2	SLQSENAALR	1
CASR_HUMAN (P41180) Extracellular calcium- sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	*	7.05	*	*	*	4	3	SSSLGGSTGSTPSSSISSK	1
							2	VIVVFSSGPDLEPLIKEIVR	1
							3	MAFYSC[339]C[339]WVLLALTWHTSAYGPDQRAQKK	1
							2	VAARATLR	1
CAZA3_HUMAN (Q96KX2) F-actin capping protein alpha-3 subunit (CapZ alpha-3) (CP- alpha-3) (Germ cell-specific protein 3) [MASS=35024]	0.00	5.35	0.81	0.00	1	1	2	LM[147]HHQGEC[330]AGHQHC[330]QK	1
CCD37_HUMAN (Q494V2) Coiled-coil domain- containing protein 37 [MASS=71117]	0.00	6.38	0.40	0.00	1	2	2	TLEELSHLTKHTQIRM[147]DR	1
							2	DAALFDEFVREND[330]SSVQAMR	1
CCG7_HUMAN (P62955) Voltage-dependent calcium channel gamma-7 subunit (Neuronal voltage-gated calcium channel gamma-7 subunit) [MASS=31002]	0.00	13.45	0.88	0.00	1	2	2	EGAGVMSVYLFTK	1
							2	C[330]VASEYFLEPEINLVNTENTENILK	1
CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin- G) [MASS=34074]	*	3.05	*	*	*	1	2	WIVSGRTAR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC- IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	42.97	0.37	0.25	5	4	3	LRENELTYYC[330]C[330]K	1
							2	LRENELTYYC[330]C[330]K	1
							3	FEHC[339]NFNDVTTR	1
							2	FEHC[330]NFNDVTTR	1
							3	C[339]WKFEHC[339]NFNDVTTR	1
							2	LRENELTYYC[339]C[339]K	1
							3	TAVNC[330]SSDFDAC[330]LITK	1

CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	25.85	0.53	0.06	3	3	2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	1
							2	NNLC[330]PSGSNIISNLFK	1
							3	NNLC[330]PSGSNIISNLFKEDC[339]HQK	1
							2	NNLC[339]PSGSNIISNLFK	1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	*	8.24	*	*	*	1	2	DYNSSREDSLQDAWDYVQAQVK	1
CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	*	4.86	*	*	*	1	3	C[339]GTNTMERESEEQTKK	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	27.23	0.64	0.00	1	2	3	LRPLSYPQTDVFLVC[330]FSVVSPSSFENVK	1
							2	TPFLLVGTQIDLRDDPSTIEKLAK	1
							2	ANGGSPITAFKVEYKR	2
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	*	1.79	*	*	*	2	1	VPESNPK	5
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	*	2.43	*	*	*	2	3	LC[339]DYRLDADDVFDLLKGLDADSLR	1
							3	WMSDHLSIKPVK	1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	*	0.90	*	*	*	1	3	GC[330]MQGVRM[147]GGTPTNVATLNM[147]NNALKVR	1
CELR2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	*	2.81	*	*	*	5	3	NGGTC[330]VNLLVGGFK	1
							3	ATDGDAPPNANILYR	1
							2	LHGLHLSNITVGGIPGAGGVAR	1
							3	GSSNAVHYSIM[147]SGNAR	1
							2	QRFHFTLALSFK	1

CELR3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	*	1.75	*	*	*	5	3 1 2 2 1	EDGGPGLGVREPIFVGLR C[330]RFLPQRPGPR QERYFKLVLTAADR M[147]M[147]ARRPPWR AAQSER	1 1 1 1 1
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	*	2.84	*	*	*	1	2	M[147]REAEAAQQGAGDETYLDIFR	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	6.81	0.24	0.18	2	3	3 3 3	DVQGRGPLHHATVLGHTGQVC[339]LFLK MTVDFEEC[330]LKDSRFR M[147]KMTVDFEEC[330]LK	1 1 1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	*	3.69	*	*	*	1	3	DPLAIAVQAANADIVTLLRLARMAEEMR	1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	3.35	*	*	*	2	3 3	EPDC[330]SIIIRISPMVEAEELTNDILAIKNIPTK SC[330]ADC[339]KAPDPDWASINLC[330]VVIC[330]KK	1 1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	0.00	7.52	1.77	0.00	1	6	1 3 3 2 3 2	HGM[147]MK PWGAPETSHRPEK AQEGWFSLSGSELR VAGTASGTQHAGDFIC[330]TVYLEEKK PPTC[339]WGFTVVHETEK ARLSSAYLLGVPGSEQPDR	1 1 1 1 1 1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	1.18	*	*	*	2	2 2	KETPSAPAKGVEELES LC[330]EVYR LEC[339]LLNEC[339]TSLC[330]ENRK	1 1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	3.35	*	*	*	1	2	QEEAEWESINVLLM[147]M[147]HGLK	1
CERKL_HUMAN (Q49MI3) Ceramide kinase-like protein [MASS=62622]	0.00	8.96	0.26	0.00	1	3	3 2 2	LFTGMQTLGPSVVC[330]VGGDGSASEVAHALLR YRWM[147]SPNQR NRVSALEGGR	1 1 4
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	0.00	1.36	7.57	0.00	1	1	2	QDNDLTKLLLC[339]LKISDK	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	0.00	6.96	3.29	0.00	1	2	3 3	RPPWQIC[339]SKFGALPFVAEK LEKLDVLEKEC[330]FR	1 1

CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	*	2.49	*	*	*	1	3	QLNEINYEDHKLKSGTNTK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	15.01	1.21	0.03	4	5	3	FGADARALMLQGVDLLADAVAVTMGPKGR	2
							2	KGVITVKD GK	1
							2	C[339]EFQDAYVLLSEKK	1
							2	C[330]IPALDSLTPANEDQK	1
							2	AAVEEGIVLGGGC[339]ALLR	1
2	C[339]IPALDSLTPANEDQK	1							
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	11.89	1.17	0.03	2	2	2	YESHPVC[339]ADLQAK	1
							2	RYESHPVC[339]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	9.36	1.34	0.03	2	2	2	C[339]VSAAHKG	1
							2	DRPHEVLLC[339]SDLVK	1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	0.00	1.58	0.85	0.00	1	2	2	SIPSPPEERKQYTI PC[339]HTK	1
							2	MEM[147]SALQK	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	*	1.65	*	*	*	3	3	RDSEEEFGSER	1
							1	GKKM[147]APLK	2
							2	HRELIM[147]GEDPAQPR	1
CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	*	2.09	*	*	*	4	3	HLLVYGWGRWR	1
							3	WWEPVRHDGELLR	1
							2	YNPDTL FQDES YK	1
							2	LLPKLKAGGHK	1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	0.00	19.64	1.65	0.00	1	2	2	KC[339]ETSNM[147]M[147]EYVILIEFLPK	1
							3	C[339]ETSNMMEYVILIEFLPKYPIFRPD	1

CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	0.00	4.98	6.29	0.00	1	1	2	GQKDVC[339]IVLAK	1
CHMP6_HUMAN (Q96FZ7) Charged multivesicular body protein 6 (Chromatin-modifying protein 6) (Vacuolar protein sorting 20) (hVps20) [MASS=23353]	0.41	7.00	0.51	0.00	1	1	2	VM[147]EGLQFGNEC[330]LNLK	1
CHSS1_HUMAN (Q86X52) Chondroitin sulfate synthase 1 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1) (Chondroitin sulfate synthase 1) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltran [MASS=91729])	*	4.86	*	*	*	2	3	MVPHIGKC[339]LREM[147]YTTTHEDVEVGR	1
							2	NPPYQYRLHSYMLSRK	1
CHSS3_HUMAN (Q70JA7) Chondroitin sulfate synthase 3 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II) (Chondroitin synthase 2) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase [MASS=100356])	0.00	6.69	0.21	0.00	1	3	3	EDKLEEFRLSLNSSK	1
							3	LGLEPGENFC[339]M[147]GGPGMIFSREVLK	1
							2	LGLEPGENFC[330]M[147]GGPGMIFSR	1
CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832])	0.00	4.87	3.32	0.00	1	1	3	QPFSLAREAC[339]RSYSHVVLK	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	0.00	19.41	34.22	0.00	1	4	2	APKPGGLSLRAGDADLQVR	1
							2	MFPRPLTPLAAPNGAEPLGRALR	1
							2	PGGLSLRAGDADLQVRQDVR	1
							2	VAC[339]SNWKRVMK	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	*	9.88	*	*	*	1	3	QHPGVWASLLLLLLTGPAAC[339]AASPADDGAGPGGR	1
CI032_HUMAN (Q9BV86) Protein C9orf32 [MASS=25256]	0.33	33.78	2.41	0.00	1	3	3	AKTYWKQIPPTVDGM[147]LGGYGHISIDINSSR	1
							2	EVDM[147]VDITEDFLVQAKTYLGEEGKR	1
							2	DNMAQEGVILDDVDSSVC[339]R	1

CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	0.00	6.53	0.42	0.00	1	6	2	YADIFPSKVC[339]LQLKIR	1
							2	PVSSTPVPIASKPFPTSGR	1
							3	M[147]VIC[330]EEEGDDDDVIADDGFGTTDIDLK	1
							2	FAELPEFR	1
							3	VLSEVDFEERFAELPEFR	1
							3	TVSKILGEWWYALGPKEK	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	7.51	1.54	0.03	4	3	1	LPC[339]VAAK	2
							2	GFSIPEC[339]QK	1
							2	TVVGQITVDM[M][147]YGGM[147]RGMK	1
							1	LPC[330]VAAK	1
							2	LPC[339]VAAK	1
							2	IVHAFDM[147]EDLGDKAVYC[339]R	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.05	0.09	11	3	2	KFPFC[330]DGAHTK	2
							2	KFPFC[330]DGAHTK	2
							2	FPFC[339]DGAHTK	2
							1	FPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							2	IVHAFDMEDLGDKAVYC[330]R	1
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	*	6.01	*	*	*	1	2	ELHSEPSSNETQWK	1
							2	ELHSEPSSNETQWK	1
CK042_HUMAN (Q8N5U0) Uncharacterized protein C11orf42 [MASS=36367]	0.00	7.81	0.45	0.00	1	1	3	ALKPVGPLPSLLEQAGSEGAFHC[339]TR	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	3.28	*	*	*	5	2	QHMNTM[147]IK	1
							3	LPATQEVVTQLQSQILELQGELK	1
							3	ILGPLAPEMIDSR	1
							2	AEVTKLHK	1
							2	LHKKLFQEKE	1
CLC14_HUMAN (Q86T13) C-type lectin domain family 14 member A precursor (Epidermal growth factor receptor 5) (EGFR-5) [MASS=51635]	*	3.88	*	*	*	1	3	AGC[339]SASGAC[330]YSLHHATMKR	1
CLCKA_HUMAN (P51800) Chloride channel protein CIC-Ka (Chloride channel Ka) (CIC-K1) [MASS=75284]	0.00	4.51	1.11	0.00	1	1	3	LGEDWYFLMTLGVLMALVSYAMNFAIGC[330]VVR	1

CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	4.18	0.56	0.07	4	4	2	RDPHLAC[330]VAYER	1
							2	IHEGC[330]EEPATHNALAK	1
							3	IHEGC[339]EEPATHNALAK	1
							3	IHEGC[330]EEPATHNALAK	1
							2	AIQFYLEFKPLLLNDLLMVLSPR	1
							2	AYEFAERC[339]NEPAVWSQLAK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	1.40	*	*	*	2	1	HLIMAVR	1
							2	HNLVDLAMPYFIQVMR	1
CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=81116]	0.00	5.51	1.07	0.00	1	2	3	LNSIRSFEM[147]NRTR	1
							2	QPGSSTSSSHLAKPSSSRLC[339]DTSSAR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	0.97	0.15	4	2	2	DIPFSAIFPVYAHC[339]JK	1
							2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIFPVYAHC[330]JK	2
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.00	2.37	1.04	0.00	1	1	2	DIPFSAIFPC[330]YAHVK	1
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	*	8.06	*	*	*	2	3	IC[330]SFTTFM[147]RNK	2
							2	RLGGQTPYLM[147]DQLGLRLGM[147]WYWK	1
CN145_HUMAN (Q6ZU80) Protein C14orf145 [MASS=73571]	0.00	2.41	4.39	0.00	1	2	2	HQLM[147]LC[339]R	1
							2	WLAESKTK	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	3.41	*	*	*	1	3	KIPGISSTGVGDGGNELGMGK	1

								2	RPPGVLHC[339]TTK	2
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	3
								2	FC[330]DYGK	1
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								3	DKPELQFPFLQDEDTVATLLEC[330]K	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	1
								2	FC[339]DYGK	1
								2	RLDEDLAAYC[330]R	1
								1	FC[330]DYGK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	2
								2	RLDEDLAAYC[339]R	1
								2	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	VIIIEC[339]KPK	1
								2	VIIIEC[330]KPK	1
								3	VLEPMPSTAEISTSGAVLK	1
								2	C[330]SPNM[147]C[330]EHDGR	1
								2	GETC[339]HTPLYK	1
								2	PGLAGHKGEMGEPGVPQGSGAPGK	1
								2	GPKGDPGLPGAPGER	1
								3	QQQPVEVERTAFIDFVEKDR	1
								2	AVLFC[330]LSEDKK	1
								3	AVLFC[330]LSEDKK	1
								2	M[147]LPDKDC[330]R	2
								2	MLPDKDC[330]R	1
								2	M[147]LPDKDC[339]R	1
								2	HELQANC[330]YEEVKDR	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	18.05	0.97	0.12	16	5				
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	2.65	0.48	0.02	2	2				
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	1.00	1.52	0.50	0.32	2	2				
CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	*	1.32	*	*	*	2				
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	*	3.11	*	*	*	1				
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	20.00	0.56	0.25	7	3				

COG5_HUMAN (Q9UP83) Conserved oligomeric Golgi complex component 5 (13S Golgi transport complex 90 kDa subunit) (GTC-90) (Golgi transport complex 1) [MASS=92718]	0.00	7.63	0.43	0.00	1	4	2	LAADFAQM[147]ELAVGPFC[330]R	1
							2	IVARTAQLARLQVAC[330]DLLR	1
							3	GGPGRSTMPGNTAALR	1
							2	LQQQLQGGSR	1
COLQ_HUMAN (Q9Y215) Acetylcholinesterase collagenic tail peptide precursor (AChE Q subunit) (Acetylcholinesterase-associated collagen) [MASS=47881]	0.00	16.23	0.88	0.00	1	3	3	AC[330]C[330]LLTPPPPLFPPFFRGGR	1
							2	GEKGDLM[147]MGLPGSR	1
							3	GDSGVM[147]GPPGKPGPSGQPRPGPPGPPAGQLIM[147]GPK	1
COPA_HUMAN (P53621) Coatamer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	*	0.41	*	*	*	1	1	KKLPK	1
COPG_HUMAN (Q9Y678) Coatamer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	*	1.60	*	*	*	1	3	FIYNRVVLEHEEVR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.97	27.13	1.56	0.01	3	2	3	GLDPYNVLAPKGASGTREDPNLVPSISNK	1
							2	C[339]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.06	0.03	4	1	2	M[147]C[330]LYFGSAFATPFLVVR	1
							2	MC[339]LYFGSAFATPFLVVR	1
							2	M[147]C[339]LYFGSAFATPFLVVR	1
							2	MC[330]LYFGSAFATPFLVVR	1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.95	11.19	0.63	0.00	1	1	2	AALEQPC[330]EGSLTRPK	1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	*	5.39	*	*	*	2	2	SC[339]SSPVFSR	1
							3	M[147]SDPEMGWVPEPTM[147]TLGASR	1
CQ032_HUMAN (Q8N511) Uncharacterized protein C17orf32 [MASS=23130]	0.00	5.77	2.51	0.00	1	1	3	RITRNVTC[339]QDTR	1
CR018_HUMAN (Q96FQ7) Uncharacterized protein C18orf18 [MASS=10201]	0.00	12.63	0.37	0.00	1	1	2	SAPC[330]DLGASQRK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	0.99	3.12	1.86	0.00	1	1	2	HEQNIDC[339]GGGYVK	1

CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.00	8.92	0.75	0.00	1	2	2	GYLGVMPAYSAEALTTK GVKPAHC[330]JEK	1 1
CS016_HUMAN (Q8ND99) Uncharacterized protein C19orf16 [MASS=60172]	0.00	5.11	0.93	0.00	1	2	3 2	ALPTSPTQYQM[147]ALSPASR APSGPVTSC[339]JK	1 1
CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	*	2.88	*	*	*	2	2 3	VEFSISDK QPRGPDNSM[147]GFGAER	1 1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	2.97	*	*	*	5	3 3 2 3 3	WGSSISYSC[330]M[147]DGYQLSHSAILSC[339]EGRGVWK LLSSLGSHSGETLPLATSNQILLR NGGILNRTAGAVGSKVHYFC[339]JK C[339]EDPGIPNYGYR PVAC[339]PSIEAQLSEHVIWR	1 1 1 1 1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.74	0.62	0.10	3	6	2 3 2 2 3 1 2	WAIPKITC[330]M[147]NPSAYQR ATVQPQAITDSLATKLPPTGSTKK FDAYC[339]FKPK FTFEEAAKEC[330]ENQDAR VGHDYQWIGLNDKM[147]FEHDFR VGC[330]YGDK FDAYC[330]FKPK	1 1 1 1 1 1 1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.98	2.42	0.33	0.00	1	2	2 2	LGSGSVQAALAEVALPC[330]LFTLQPR FQGHC[339]YR	1 1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	0.00	3.41	2.25	0.00	1	1	3	LVAC[339]DGNEIDTMFMDR	1
CTBP1_HUMAN (Q13363) C-terminal-binding protein 1 (EC 1.1.1.-) (CtBP1) [MASS=47535]	*	5.23	*	*	*	1	3	VLNEAVGALM[147]YHTITLTREDLEK	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	*	2.55	*	*	*	1	3	FAKC[330]LMTC[330]LKC[339]C[339]FWC[330]LEK	1
CTN1_HUMAN (P35221) Alpha-1 catenin (Cadherin-associated protein) (Alpha E-catenin) (NY-REN-13 antigen) [MASS=100071]	0.00	4.19	2.27	0.00	1	2	2 2	TLAVERLLEPLVTQVTTLVNTNSK QM[147]C[339]MIMMEMTDFTR	1 1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.82	*	*	*	1	3	SPQM[147]VSAIVRTMQNTNDVETAR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	1.39	*	*	*	2	2 2	IILETKAVIPGDEDASFPLK SYSSVIEKALR	1 1

CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	*	4.64	*	*	*	1	3	EYYRLLNVEEGC[339]SADEVK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	3.17	*	*	*	1	3	QPPTQPVQHPGLR	1
CU116_HUMAN (Q9H386) Protein C21orf116 [MASS=7936]	0.00	31.88	9.85	0.00	1	1	3	MMVLTPFWLGRDC[339]PSRGQPTLR	1
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	0.21	2.06	0.71	0.00	1	1	2	GC[330]AFVTFTR	1
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	10.61	4.26	0.00	1	1	2	RLAAC[339]VNLIPQITSIYEWK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	*	1.40	*	*	*	1	2	LLSTSPMPTVSSYPPLAISLK	1
CXA1_HUMAN (P17302) Gap junction alpha-1 protein (Connexin-43) (Cx43) (Gap junction 43 kDa heart protein) [MASS=42877]	*	2.36	*	*	*	1	2	VKMRGGLLR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	20.00	1.14	0.05	7	4	2	DVC[339]TFLR	1
							2	MGLKMLMMALLVPLVYTIKR	1
							2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
2	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1							
CY24B_HUMAN (P04839) Cytochrome b-245 heavy chain (p22 phagocyte B-cytochrome) (Neutrophil cytochrome b 91 kDa polypeptide) (CGD91-phox) (gp91-phox) (gp91-1) (Heme-binding membrane glycoprotein gp91phox) (Cytochrome b(558) subunit beta) (Cytochrome b558) [MASS=65204]	*	3.69	*	*	*	1	2	IVRGQTAESLAVHNITVC[339]EQK	1

D1IP_HUMAN (Q9NYX4) D1 dopamine receptor-interacting protein calcyon [MASS=23434]	0.00	8.29	3.46	0.00	1	1	3	IC[339]TPLTLEM[147]YYTEM[147]DPER	1
DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	0.00	2.57	2.86	0.00	1	1	2	TSVATQC[339]DPEEIVLSDSD	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	0.00	1.98	0.58	0.00	1	1	2	TSC[330]HLPR	1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	0.00	6.14	0.61	0.00	1	2	3	HPNIIMLVEEMETATELFLVM[147]ELVK QVTC[330]LQDFFGDDVFIAC[330]GPEK	1 1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	1.00	12.99	0.75	0.73	2	3	2	C[339]LELAEYLYNIIK GFVPFLVSATAGTTVYGAFDPLLAVADIC[330]K KMREIIGWPGGSGDGIFSPGGAISNMYAMMIAR	1 1 1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	0.00	3.81	1.52	0.00	1	1	2	SPEAC[339]C[339]ELTLQPLR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	*	6.56	*	*	*	1	2	VVAVSRTQADLDSLVR	1
DDAH1_HUMAN (O94760) NG,NG-dimethylarginine dimethylaminohydrolase 1 (EC 3.5.3.18) (Dimethylargininase-1) (Dimethylarginine dimethylaminohydrolase 1) (DDAH1) (DDAH-1) [MASS=30990]	0.00	16.55	0.96	0.00	1	2	2	VDGLLTC[339]C[339]SVLINK LQLNIVEM[147]KDENATLDGGDVLFTGREFFVGLSK	1 1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	*	3.29	*	*	*	2	2	KGHPLLVAVK DRWGQEVISGNEDPEGVVLK	1 1

DDX1_HUMAN (Q92499) ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (DEAD box protein 1) (DEAD box protein retinoblastoma) (DBP-RB) [MASS=82432]	0.00	9.46	5.24	0.00	1	3	3	WQM[147]NPYDRGSAFAIGSDGLC[330]C[330]QSR VTYGQKRAAGGGSYK SHNKQFDNYGEEFTMHTIGC[339]YLDIDKGHVK	1 1 1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	*	17.31	*	*	*		3	2 RFFSYGTKILYQNTEALQSK 3 AGVEAM[147]SKSLAAEWGK 2 VAGHPNIVINNAAGNFISPTER	1 1 1
DEN1A_HUMAN (Q8TEH3) DENN domain-containing protein 1A [MASS=110576]	0.00	2.18	*	*	*		1	3 TKQDVSPSPALAPAPDSVEQLR	1
DEST_HUMAN (P60981) Destrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	*	17.07	*	*	*		1	3 EILVGDVGVTTIDPFKHFVGMLEKDC[330]R	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	0.00	3.28	0.85	0.00	1	1	2	GILNWC[330]VVMLILSNAR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	2.65	*	*	*		2	2 VGLQKISHSR 3 HVRIPC[330]TSVAPSLVR	1 1
DGKZ_HUMAN (Q13574) Diacylglycerol kinase zeta (EC 2.7.1.107) (Diglyceride kinase zeta) (DGK-zeta) (DAG kinase zeta) [MASS=124122]	*	1.70	*	*	*		1	2 ASGTTAGTM[147]LPTRVRPLSR	1
DHB2_HUMAN (P37059) Estradiol 17-beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (Microsomal 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH) [MASS=42785]	0.00	8.79	0.83	0.00	1	2	2	2 SKGRLVNVSSM[147]GGGAPMER 2 QC[330]M[147]AVNFFGTVEVTK	1 1
DHB4_HUMAN (P51659) Peroxisomal multifunctional enzyme type 2 (MFE-2) (D-bifunctional protein) (DBP) (17-beta-hydroxysteroid dehydrogenase 4) (17-beta-HSD 4) [Includes: D-3-hydroxyacyl-CoA dehydratase (EC 4.2.1.107) (3-alpha,7-alpha,12-alpha-trihydroxy-5 [MASS=79555]	*	3.13	*	*	*		1	3 IIM[147]TSSASGIYGNFGQANYSAAK	1

DHCA_HUMAN (P16152) Carbonyl reductase [NADPH] 1 (EC 1.1.1.184) (NADPH-dependent carbonyl reductase 1) (Prostaglandin-E(2) 9-reductase) (EC 1.1.1.189) (Prostaglandin 9-ketoreductase) (15-hydroxyprostaglandin dehydrogenase [NADP+]) (EC 1.1.1.197) [MASS=30244]	0.41	12.32	0.92	0.00	1	2	3	DLC[330]RFLFSGDVLTARDVTR 2 DVC[330]TELLPLIKPQGR	1 1
DHDDS_HUMAN (Q86SQ9) Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	0.00	15.62	0.81	0.00	1	3	2	EGELSLWERFC[330]ANIIKAGPM[147]PK 2 C[330]QVERQEGHSQGFNKLAECLR 2 SPHPDILIR	1 1 1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	17.74	2.66	0.02	6	5	2	FTMELAKKGFIPGIDVPAPDMSTGER 2 AKPYEGSILEADC[339]DILIPAASEK 2 IIKPC[339]NHVLSLSFPIR	1 1 2
DHR11_HUMAN (Q6UWP2) Dehydrogenase/reductase SDR family member 11 precursor (EC 1.-.-) [MASS=28308]	*	22.69	*	*	*	3	2	IIKPC[330]NHVLSLSFPIR 2 C[339]AVVDVPFGGAK 2 C[330]AVVDVPFGGAK 2 YNLGLDLRTAAYVNAIEKVFK	1 1 1 1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	3.21	2.02	0.00	2	1	2	EAYQSM[147]KERNVDDGHIINISM[147]SGHR 3 ALVQQGLKVVGC[330]AR 3 VVGC[339]ARTVGNIEELAAEC[339]K	1 1 1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	8.73	1.53	0.04	4	3	3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANR 2 AC[330]ALSIEESC[330]RPGDK 3 HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANR 2 TLNEADC[339]ATVPPAIR	1 1 1 1
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	0.98	2.18	1.40	0.00	1	2	2	C[330]HTIM[147]NC[330]TR 2 C[339]HTIM[147]NC[339]TR	1 1
DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	0.00	2.81	1.67	0.00	1	2	2	C[339]QSGFAYHLFPR 2 GGALLFC[330]TVGILLR	1 1
							2	KHQVVVISGM[147]TGC[339]GK 2 SHASKSHGSGGGGGGGGGGGGNR	1 2

DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	2.62	*	*	*	2	2	2	3	QSMDSPIKIVK ASLVKNGAEFTDSLISNLLR	1 1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	0.66	3.86	0.74	0.00	1	2	3	3	3	VILSTNIAETSITINDVVYVIDSC[339]K GATGC[339]GKTTQVPQFILDDEFIQNDR	1 1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	0.00	2.43	*	*	*	2	2	3	3	M[147]M[147]EDM[147]NLNEDKK AVDPRHPNM[147]MTDVVK	1 1
DISC1_HUMAN (Q9NRI5) Disrupted in schizophrenia 1 protein [MASS=93582]	*	3.28	*	*	*	1	3	2	3	VNDIETQLPALLEAKM[147]HAISGNHFWTAK QGDINASDFLALVEK IITDFLM[147]PLTR	1 1 2
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	4.06	*	*	*	5	3	2	2	LLGSASSEDIWR NESHKENIITKLFK LKYPDFLSR	1 1 1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	9.04	1.44	0.03	3	2	2	3	3	VC[330]HAHPTLSEAFK VLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR VLGAHILGPGAGEM[147]VNEAALALEYGASC[330]EDIAR VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	1 1 1 1
DMAP1_HUMAN (Q9NPF5) DNA methyltransferase 1-associated protein 1 (DNMT1-associated protein 1) (DNMAP1) [MASS=52992]	0.00	10.28	0.38	0.00	1	2	3	2	2	SDLVLLYELKQAC[330]ANC[330]EYELQM[147]LRHR QAC[339]ANC[339]EYELQM[147]LRHRHEALAR	1 1
DMBT1_HUMAN (Q9UGM3) Deleted in malignant brain tumors 1 protein precursor (Glycoprotein 340) (Gp-340) (Surfactant pulmonary-associated D-binding protein) [MASS=260734]	*	1.24	*	*	*	1	3	2	3	PDTLSTITLPPSTVGSSESLTLRLVNGSDR FRPSKM[147]SC[339]R QSNSSSGLHPPKK AGC[339]PMLALEVLSK FEHSAAFFLLAGC[339]LR	1 1 1 1 1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	0.00	1.65	1.20	0.00	1	4	3	3	3	SSVLVTHAELMPDQTAMHEVQR VLPNAFNIPNRILDIL HAVKFGDTEADSSNAEEAAM[147]QDHSTFK GSVC[330]NVLLTSC[330]HDGVC[330]R LVYSQPLDLPESVEVIR	1 1 1 1 1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	3.26	0.40	0.00	1	5	3	3	3	HAVKFGDTEADSSNAEEAAM[147]QDHSTFK GSVC[330]NVLLTSC[330]HDGVC[330]R LVYSQPLDLPESVEVIR	1 1 1

DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.00	6.07	1.40	0.00	1	2	2	IGLVEALC[339]GFQFTFK	1
							2	DGNDLHM[147]TYK	6
DNL4_HUMAN (P49917) DNA ligase 4 (EC 6.5.1.1) (DNA ligase IV) (Polydeoxyribonucleotide synthase [ATP] 4) [MASS=103970]	*	0.88	*	*	*	1	2	IEKIRDDK	1
DNM3L_HUMAN (Q9UJW3) DNA (cytosine-5)-methyltransferase 3-like [MASS=43670]	*	4.91	*	*	*	1	2	PGSPRPFFWMFVDNLVLNK	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	*	3.32	*	*	*	1	3	AVDWFTFYKLPK	1
DOC10_HUMAN (Q96BY6) Dedicator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	*	0.60	*	*	*	1	3	LGKYRMPFAWAVR	2
DOCK1_HUMAN (Q14185) Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	0.00	5.15	1.19	0.00	1	5	3	M[147]SC[330]TVNVLNFYKEIEREEMYIR	1
							2	LTSGLRPFVAVM[147]DVTDIINGK	1
							3	VKGAALKYLPTIVNDVK	1
							2	NVYFPDWWIM[147]NMVQNKVFLR	1
							3	TIYTTAYKLPGILR	1
DOCK4_HUMAN (Q8N110) Dedicator of cytokinesis protein 4 [MASS=225147]	0.00	3.36	1.70	0.00	1	3	3	YGDM[147]RVTMGC[339]EIFSMWQNLGEHK	1
							2	GEKKLFGFSFVPLM[147]QEDGR	1
							3	EYAM[147]VDPEDISITELYRLMEHRHR	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	0.00	7.63	0.06	0.00	1	7	3	LEISTAPEIINC[339]C[330]LTPEMLPVKPFPENRTR	1
							3	VKMQVTMSLASLVGRAPDFNEEHLR	1
							3	IAKSYQASPDLRLTWLQNM[147]AEK	1
							2	VLQQGEIGDC[330]AEPYTVIKESDGGKSK	1
							2	NADQSLIRK	1
3	LLQARVMSSSNPDLAGTHSAADEEVK	1							
2	FFTLC[339]HSLESQVTFPIR	1							
DOK3_HUMAN (Q7L591) Docking protein 3 (Downstream of tyrosine kinase 3) [MASS=53288]	0.00	3.43	4.90	0.00	1	1	2	LADC[339]VSVLPADGESG[339]PR	1

DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	*	1.85	*	*	*	1	3	MREYYITM[147]VKWATSTK	2
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	12.41	0.58	0.14	3	4	2 M[147]SVIWDKAVVTGK 2 FQLTDC[330]QIYEVLSVIR 2 THNSSLEYNIFEGM[147]EC[339]R 2 FQLTDC[339]QIYEVLSVIR 3 GIQEEMEALVKDHGVNSFLVYMAFK	1 1 1 1 1	
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	0.00	5.03	0.98	0.00	1	2	3 GYLPVQSVLEADYSETPASSPMWPHADTHSR 2 C[339]HDWQAADQFHSSSLR	1 1	
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	*	6.71	*	*	*	2	3 LPM[147]QTSNIC[339]DTSM[147]SVGTVGGQGIKTQQSFEM[147]VK 3 ILQGNENGNFIISTDPNTNEGVLC[330]VVK	1 1	
DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	0.78	5.97	1.15	0.24	2	5	2 QNDLGGC[339]NGTSSMAVIK 3 DLGIVVEGFMKRIEEK 2 ERSTAVMRSQPAR 3 HERKLHIYVWYC[339]QNK 2 MNYLVLEENVNDNDPC[339]K	1 1 1 1 1	
DUS23_HUMAN (Q9BVJ7) Dual specificity protein phosphatase 23 (EC 3.1.3.48) (EC 3.1.3.16) (Low molecular mass dual specificity phosphatase 3) (LDP-3) (VH1-like phosphatase Z) [MASS=16588]	*	14.00	*	*	*	1	3 LRPGETIYEQEKAQVQFYQR	1	
DX26B_HUMAN (Q5JSJ4) Protein DDX26B [MASS=96672]	0.00	8.01	0.71	0.00	1	4	3 KSPHTC[330]WQVFVTSSGKYNELGYPFYGLK 3 NLQASGLTTLGQALR 2 WDQRLFALVLR 3 IFILLEEVQGPLEMK	1 1 1 1	
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	0.00	1.02	1.32	0.00	1	3	3 C[339]YITLAQALGM[147]SMGGAPAGPAGTGK 2 NIM[147]EAPLLK 3 THLM[147]EDVTANKRR	1 1 2	

DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	*	3.28	*	*	*	8	3	LAAFISSMDVFQITLR	1
							2	LVGGLASENVRWADAVQNFK	1
							2	TLITM[147]LIGQLSKGDRQK	1
							3	VQRMMGLC[330]C[330]GYQSTFSQYSYLYVEDR	1
							3	LANPHYQPELQAQATLINFTVTR	1
							3	PGLEVGPESEGLAGAK	1
							3	TLITM[147]LIGQLSKGDRQK	1
							2	EM[147]SYLEPR	1
							2	C[339]TAFDAEQQFWEQFHKEAPFR	1
							DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.96	4.00
3	IPWSALKTLM[147]AQSIYGGR	1							
3	LRDQLGTAKNANEM[147]FR	1							
2	NYM[147]SNPSYNYEIVNRASLAC[339]GPMVK	1							
2	QLQNISLAAASGGAKELK	1							
3	QELEQHSVDTASTSDAVTFITYVQSLKR	1							
3	LLAESVTEVEIFGK	1							
2	HLRKLVPILLEDGGEAPAALEALEEK	1							
2	EGEEVM[147]FKTPVSITEHPK	1							
2	C[330]YLTM[147]TQALEAR	1							
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	*	24.72	*	*	*	1	2	NADMSEEMQQDSVEC[339]ATQALEK	1
DYL3_HUMAN (P51808) Dynein light chain Tctex-type 3 (T-complex-associated testis-expressed 1-like) (Protein 91/23) [MASS=13062]	0.00	14.66	0.53	0.00	1	1	2	HC[330]DEVGFNAEEAHNIVK	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	1.62	1.01	0.30	2	1	2	C[339]VDM[147]VISELISTVR	1
							2	C[330]VDM[147]VISELISTVR	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.33	3.26	0.53	0.00	1	2	2	AEYAEFLHC[330]K	1
							3	NKLQGQLLSIEHEVEAYK	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	3.74	*	*	*	1	1	SLDDALK	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	9.06	0.43	0.30	5	3	2	C[330]LEENLGIDKR	1
							2	NLFPENLVQAC[330]FQIQITVTK	2
							3	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	NLFPENLVQAC[339]FQIQITVTK	1

ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	*	4.88	*	*	*	1	3	SPVAVQSTKVNLLYSR	1
							2	SPVAVQSTKVNLLYSR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	11.53	1.29	0.10	3	4	2	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
							2	QFTPC[339]QLLADHANSFNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
							3	QFTPC[330]QLLADHANSFNKK	1
							3	KLDSLTTSGFPVGAATLVDEVGVDVAK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.99	6.21	1.07	0.00	1	1	2	ALNALC[330]DGLIDELNQALK	1
							2	VC[339]HKGHDC[330]K	1
							3	WFWSIVEKMSM[147]TER	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterin-induced protein) [MASS=309350]	*	4.50	*	*	*	7	3	ATLLSARQGMMSARGDFLNYALSLM[147]R	1
							3	DLLIQQTMRQLNNHFGR	1
							3	NIGRILGLC[339]LLQNELC[330]PITLNR	1
							3	TEMGPPSPASTC[330]SDASSIASSASM[147]PYK	1
							3	ATLLSARQGM[147]M[147]SARGDFLNYALSLM[147]R	1
							3	SLRLREM[147]MR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	1.00	7.58	1.38	0.09	2	2	2	C[339]GGIDKR	1
							3	DGNASGTTLLEALDC[339]ILPPTRPTDKPLR	1
EF1G_HUMAN (P26641) Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) [MASS=49987]	0.00	5.05	2.11	0.00	1	1	3	AAAPAPEEEM[147]DEC[330]EQALAAEPK	1
EFNB3_HUMAN (Q15768) Ephrin-B3 precursor (EPH-related receptor tyrosine kinase ligand 8) (LERK-8) (EPH-related receptor transmembrane ligand ELK-L3) [MASS=35835]	0.00	4.12	0.33	0.00	1	1	2	EGLESLQGGVC[330]LTR	1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	*	5.23	*	*	*	1	3	DQLALAIGKLGEMN[147]ILK	1

EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	14.60	1.39	0.05	10	4	2	GEETPVIVGSALC[330]ALEGRDPELGLK	1
							2	KGDEC[330]ELLGHSK	1
							3	KGDEC[330]ELLGHSK	1
							2	KGDEC[339]ELLGHSK	1
							3	HYAHTDC[339]PGHADYVK	2
2	HYAHTDC[339]PGHADYVK	2							
EGLN_HUMAN (P17813) Endoglin precursor (CD105 antigen) [MASS=70578]	*	4.41	*	*	*	1	3	M[147]LNASIVASFVELPLASIVSLHASSC[339]GGR	1
							2	GTVVTGTLERGILK	1
							2	HYAHTDC[330]PGHADYVK	1
3	KGDEC[339]ELLGHSK	1							
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	*	5.23	*	*	*	2	3	VAMQVPVMTSLGQK	1
							2	NSSPINC[330]SRAEKGVAR	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	3.40	*	*	*	1	3	WTMVAPLREGVSNAAVVSAK	1
ENDD1_HUMAN (O94919) Endonuclease domain-containing 1 protein precursor (EC 3.1.30.-) [MASS=55016]	0.00	5.00	0.74	0.00	1	1	3	LLPFNPQLFQNNC[330]GETEQDTEKMKK	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	11.55	0.75	0.04	4	4	2	SGETEDTFIADLVVGLC[330]TGQIK	1
							2	SGETEDTFIADLVVGLC[339]TGQIK	1
							2	VVIGM[147]DVAASEFFR	1
							2	TGAPC[330]R	1
							2	SC[330]NC[330]LLLK	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	13.13	*	*	*	3	3	YGIVLDAGSSHTSM[147]FIYKWPADK	1
							3	VLSGSSDPHLC[339]R	4
							3	VLSGSSDPHLC[330]RDLVSGLFSFSSC[339]PFSR	1

ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase [MASS=104924]	0.00	5.84	1.06	0.00	1	4	2	EGPAGNGRDR	1
							2	ITDVEHITGLSFYQQRKEPVSDILK	1
							2	MYDPKM[147]NASFSLK	1
							2	TFGNC[330]R	1
EOMES_HUMAN (O95936) Eomesodermin homolog [MASS=72612]	0.31	2.48	1.82	0.00	1	1	2	SLDSNDSGVYTSAC[339]KRR	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.56	0.47	0.00	1	3	3	VIGVGEFGEVC[330]SGR	1
							3	DC[339]NSLPGVM[147]GTC[339]K	1
							2	IDTIAADESFTQVDIGDR	1
EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	*	1.54	*	*	*	1	2	DYFRRESDPPTM[147]AC[339]TR	1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	*	8.12	*	*	*	4	3	C[330]SKC[330]PPHSLTYM[147]EATSVC[330]QC[339]EK	1
							2	PFTAITVTTDHDAPSLIGM[147]MR	1
							2	GYFRAEKDPPSM[147]AC[339]TGPPSAPR	1
							2	PVM[147]IVVEYM[147]ENGLDLSFLR	1
							3	PVMIVVEYMENGLDLSFLR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	*	5.91	*	*	*	3	2	ENLYVKIDTIAADESFTQGDGGERK	1
							2	GKPMIVIEFMENGALDAFLR	1
							2	AQMLHLHGTGIQV	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	0.00	8.01	*	*	*	2	2	C[330]VSC[339]VAGSAFSGPR	1
							2	RC[330]VSC[330]VAGSAFSGPRLASASR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	*	1.12	*	*	*	1	3	NGLKM[147]C[339]EPC[330]GGLC[330]PK	1

ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c [MASS=89277])	0.00	9.34	6.52	0.00	1	3	2	RC[339]LVLGNSAVSVEQWKAQFK	1
							2	LNKPYYIGPYSQGERM[147]QILQNFK	1
							3	SWEAERVM[147]EWLKTQEWGLM[147]ILDEVHTIPAK	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	*	1.28	*	*	*	1	2	RDC[339]AVK	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	*	2.02	*	*	*	1	3	ESSQM[147]ESVKEEKPTEIK	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	0.00	0.90	1.09	0.00	1	1	2	YIMAGC[339]PLFLGNLWDVTDR	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	10.21	1.91	0.08	2	3	3	WEGVNM[147]ERFAEEADVIVGAGPAGLSAAVRLK	1
							2	LQINAQNC[339]VHC[339]K	1
							2	FC[339]PAGVYEFVPEQGDGFR	1
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	*	4.40	*	*	*	1	2	LWGNHKNRVM[147]TYEK	1
EXO1_HUMAN (Q9UQ84) Exonuclease 1 (EC 3.1.-.-) (hExo1) (Exonuclease I) (hExol) [MASS=94103]	0.00	3.43	*	*	*	2	3	NEESGAVVVPGTR	1
							2	ANNTFLYQLVFDPIKR	1
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	*	2.81	*	*	*	1	3	TQEEVC[339]QLSINIM[147]QVFIYC[339]LEQLSTK	1

EXT1_HUMAN (Q16394) Exostosin-1 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Putative tumor suppressor protein EXT1) (Multiple exostoses protein [MASS=86254])	*	3.75	*	*	*	2	3	HISRNSLIWNK	1
							3	WTNDYSM[147]VLTGAAIYHK	1
							2	RSC[339]TSEDKVGQSEALSR	1
							2	PALM[147]TAIDGR	10
FA35A_HUMAN (Q86V20) Protein FAM35A [MASS=93704]	0.00	9.34	0.97	0.00	1	5			
							2	VLQVAKKMK	1
							3	ILLNISADC[339]LNR	1
							3	SIFSSLPNIVYTGC[330]AKC[330]GLELETDENRIYK	1
FA38A_HUMAN (Q92508) Protein FAM38A [MASS=233040]	*	0.64	*	*	*	1	2	M[147]AGVNTDRLEPLR	1
FA47A_HUMAN (Q5JRC9) Protein FAM47A [MASS=89095]	0.00	3.60	1.06	0.00	1	2	3	APESHQFSEPPKIR	1
							2	FC[339]PRPFETPLSHLR	1
FABPE_HUMAN (Q01469) Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) [MASS=15033]	*	15.67	*	*	*	1	3	LVDSKGFDEYM[147]KELGVGIALR	1
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	*	4.83	*	*	*	4	3	VRQLVMDKLSSIR	1
							2	TLLLLHNSHAFFR	1
							3	EKLDLQHC[330]VLPSRLQASQVK	1
							3	LPEYFFENKNSDEINIPRLIVSQLK	1
FAK1_HUMAN (Q05397) Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrosine kinase 2) [MASS=119232]	*	4.47	*	*	*	2	3	THLGTGMERSPGAM[147]ERVVK	1
							3	M[147]AAAYLDPNLNHTPNSSTKTHLGTGMER	1
FAM3B_HUMAN (P58499) Protein FAM3B precursor (Cytokine-like protein 2-21) [MASS=25982]	*	8.94	*	*	*	1	2	NNRYSGWPAEQIEGC[339]IPKER	1

FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	*	4.12	*	*	*	2	1	LGIESPR	1
							2	M[147]YEALKEM[147]DSNTVIER	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.07	*	*	*	2	1	VSKEIK	1
							2	RVLFLTPQVMVNDLSR	1
FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	*	4.94	*	*	*	6	3	HFLLEEDKPEEPTAHAFVSTLTRGDLSSIR	1
							3	LVLTSRSGIRTGYQAK	1
							3	VFTTVGSAEKRAYLQAR	1
							3	M[147]ASC[330]LEVLDLFLNQPHMVLSSFVLAEK	1
							2	PLWFC[339]SGM[147]GTQWRGMGLSLM[147]R	1
							3	M[147]EEVVIAGMSGK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	0.00	4.05	9.90	0.00	1	2	2	SEFSQVASNTIPLPLPQNTC[339]K	1
							3	C[330]SC[330]ASGFLLAADGKRC[339]EDVNEC[339]EAQR	1
							3	LC[330]PHGRGFM[147]TNGADIDEC[330]KVIHDVC[330]R	1
							3	QIC[339]PYGSGIIVGPDDSAVDM[147]DEC[339]KEPDVC[339]K	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	4.81	0.39	0.00	1	6	2	KLC[330]PHGRGFMTNGADIDEC[330]K	1
							2	LETC[330]FLRYEDEEC[330]TLPIAGR	1
							2	LC[330]PHGRGFMTNGADIDEC[330]K	1
							3	C[330]RC[339]DSGFALDSEERNK[330]TDIDEC[330]R	1
							3	GM[147]MC[330]KNLIGTFM[147]C[339]IC[330]PPGM[147]ARR	1
							3	C[339]C[330]C[339]SKMPGEGWGDPC[339]ELC[330]PK	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	2.58	*	*	*	4	3	C[339]DC[330]PPGLAVGMDGR	1
							3	C[339]IAQPC[330]AC[339]VYGFTGPQC[339]ER	1
							3	GMMC[339]KNLIGTFM[147]C[330]IC[330]PPGMARR	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	*	1.39	*	*	*	2	3	C[339]EC[339]PAGFNYSILLAC[330]EDVDEC[330]GSR	1
							3	GYTGTVC[339]GQPIC[339]DR	1
FBX31_HUMAN (Q5UX0) F-box only protein 31 [MASS=60647]	0.00	6.49	0.25	0.00	1	2	3	KAATVEC[330]MYGHK	1
							3	PGLFKGTYGSHGLEIVM[147]LSFHGR	1
FBX39_HUMAN (Q8N4B4) F-box only protein 39 [MASS=52646]	0.00	3.39	1.66	0.00	1	2	2	ERQC[339]ALR	1
							1	YLEHLEVK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	4.65	0.96	0.00	1	2	2	VPVSYC[339]GK	1
							3	DYNMYLVHNGRM[147]LIHFQMPAC[330]TPK	1

FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	*	2.58	*	*	*	1	2	SVC[330]DTDIDELAC[330]NC[339]TR	1
FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	*	2.08	*	*	*	1	2	ARIDVDGMELKESNLNLPR	1
FGF6_HUMAN (P10767) Fibroblast growth factor 6 precursor (FGF-6) (HBGF-6) (HST-2) [MASS=22904]	*	7.69	*	*	*	1	2	GSKVSPIMTVTHFLPR	1
FHL1_HUMAN (Q13642) Four and a half LIM domains protein 1 (FHL-1) (Skeletal muscle LIM-protein 1) (SLIM 1) (SLIM) [MASS=36132]	0.93	4.04	0.78	0.00	1	1	2	GEDFYC[330]VTC[330]HETK	1
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	*	0.91	*	*	*	2	2 3	HHEAASWADSSR DHPRYYATYINKDPGLC[330]GHSSDISK	1 1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.71	5.63	0.93	0.00	1	1	2	RVDHC[330]PIK	1
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	*	3.33	*	*	*	4	3 3 2 2	AGGPGLERAEAGVPAEFSIWWTREAGAGGLAIVEGPSK VTGPRLVSNHSLHETSSVFVDSLTK FNGTHIPGSPFK AWGPGLEGGVVGK	1 1 1 1
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	0.00	1.15	0.69	0.00	1	2	2 2	HVGNQQYNVTYVVK SGC[339]IVNNLAEFTVDPK	1 1
FLOT1_HUMAN (O75955) Flotillin-1 [MASS=47355]	0.22	6.32	0.35	0.00	1	2	2 2	MRGEAEFAIGARAR VFVLP[330]IQQIQR	1 1
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	*	0.73	*	*	*	1	2	RGAAYGFR	1

FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	0.00	7.47	0.59	0.00	1	3	3	GATC[339]FEC[339]EITFSNVNYYVHK	1
							3	VEAVEEPEAAPILGPGEPPQAPSR	1
							3	NLQAHLLYYC[330]ASRQGTGSPAAATDEKPK	1
FOXL1_HUMAN (Q12952) Forkhead box protein L1 (Forkhead-related protein FKHL11) (Forkhead-related transcription factor 7) (FREAC-7) [MASS=36490]	*	3.77	*	*	*	1	3	C[339]LDM[147]FENGNYRRR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	0.00	5.22	1.13	0.00	1	5	3	QLDHPLPTVHPQVYAYMKNMWKSAR	1
							3	NM[147]C[339]EHSNTLVQQAM[147]M[147]VSEELIR	1
							2	TGTTVPESIHSFIGDGLVKPEALNK	1
							3	M[147]LGTGPAAATTAATTSSNVSVLQQFASGLK	1
							3	TLLMYTVPVAVQGFFRSISLSRGNLQDTLR	1
FRDA_HUMAN (Q16595) Frataxin, mitochondrial precursor (Friedreich ataxia protein) (Fxn) [Contains: Frataxin intermediate form] [MASS=23135]	0.00	6.67	1.24	0.00	1	1	3	RGLRTDIDATC[330]TPR	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	1.28	0.60	0.00	1	2	3	QHM[147]RWLWDIGGRK	1
							2	YVHNGC[330]PILDEDTVK	1
FRM4A_HUMAN (Q9P2Q2) FERM domain-containing protein 4A [MASS=113964]	0.00	8.30	0.92	0.00	1	4	2	LPALPTQALKEHPSLAYC[339]EDR	1
							2	TFGHSGIAVHTWYAC[339]PALIK	1
							3	DM[147]LAALKSRQEALEETLR	1
							3	SSSLESQGKLLGSENDTGSPDFYTPR	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	*	8.94	*	*	*	2	3	QGM[147]DLSANQDEETDQETFQLEIDR	1
							3	NGQLAASVETAGDSEFLM[147]K	1
FSTL5_HUMAN (Q8N475) Follistatin-related protein 5 precursor (Follistatin-like 5) [MASS=95750]	0.00	2.01	*	*	*	1	3	QLTLQANGSEVHISNVR	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	0.00	9.53	5.16	0.00	1	4	2	FLFPEGIKGM[147]VQAVRLIAEGK	1
							3	EPVGVC[339]GIIPWNYPLM[147]MLSWK	1
							3	KVSLELGGKSPLIIFADC[330]DLNK	1
							3	PGFFFPEPTVFTDVEDHM[147]FIAK	1

FVT1_HUMAN (Q06136) 3-ketodihydrospingosine reductase precursor (EC 1.1.1.102) (3-dehydrospinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	*	6.33	*	*	*	1	2	LM[147]SINYLGSVYPSRAVITM[147]K	1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	0.00	5.77	0.05	0.00	1	1	3	EFTDIWM[147]AVWASLC[330]FISTAFTVLTFLIDSSR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.83	0.07	2	2	2 1	IISNASC[330]TTNC[330]LAPLAK VPTANVSVVDTLC[330]R	1 1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	1.00	12.75	0.87	0.26	2	3	2 3 2 3	MIPC[339]DFLIPVQTQHPIR IFVQGIWDINSFDQWGVELGK MIPC[330]DFLIPVQTQHPIR IEPELDGSAQVTSHDASTNGLINFIKQREAR	1 1 1 1
GA2L2_HUMAN (Q8NHY3) GAS2-like protein 2 (Growth arrest-specific 2-like 2) (GAS2-related protein on chromosome 17) (GAR17 protein) [MASS=96519]	0.00	3.86	1.27	0.00	1	2	3 2	C[330]TSLSHKPGSFLKPPAPPVQHEVR SPTPVQGLTK	1 1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	*	1.87	*	*	*	1	2	TDKWIGGSPPADQTLVIK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	11.40	1.25	0.22	3	3	2 3 2 2	TM[147]GC[330]LATTHSK GM[147]SQLITM[147]AC[330]GSC[330]SNENALKTIFMWYR TM[147]GC[339]LATTHSK HGC[339]AFLVDEVQTTGGGC[339]TGK	1 1 1 1

								2	LFVSGAC[330]DASAK	2
								3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	1
								3	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1
								3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[330]R	1
								2	AC[330]ADATLSQITNNIDPVGR	1
								3	ELAGHTGYLSC[330]C[330]R	1
								3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	1
								2	KAC[330]ADATLSQITNNIDPVGR	1
								2	KAC[339]ADATLSQITNNIDPVGR	1
								2	ELAGHTGYLSC[339]C[339]R	1
								2	ELAGHTGYLSC[330]C[330]R	3
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	35.40	0.55	0.15	13	6				
								3	TFVSGAC[330]DASIK	1
								3	ELPGHTGYLSC[330]C[330]R	1
								2	ELPGHTGYLSC[330]C[330]R	3
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	7.37	0.55	0.05	3	2				
								2	ELSAHTGYLSC[339]C[339]R	1
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.73	3.82	1.42	0.00	1	1				
								2	ASADLM[147]SYC[330]EEHAR	1
								3	ASADLM[147]SYC[330]EEHARSDPLLIPTSENPFKDK	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	64.79	0.73	0.00	1	2				
								3	AAADLM[147]AYC[339]EAHAKEDPLLTVPASENPFRR	1
								2	AAADLM[147]AYC[339]EAHAK	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-1) [MASS=7719]	1.00	62.86	0.48	0.11	2	2				
								2	GETPVNSTM[147]SIGQARKMVEQLK	1
								3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFRR	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.80	69.33	0.57	0.00	1	2				
								2	AASDLM[147]SYC[330]EQHAR	1
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.98	20.59	0.38	0.00	1	1				
								2	RPNLETTYERVVK	1
								3	NEETPEEGQQPWLC[330]GESFTLADVSLAVTLHR	1
GDAP1_HUMAN (Q8TB36) Ganglioside-induced differentiation-associated protein 1 (GDAP1) [MASS=41251]	0.00	12.29	1.14	0.00	1	2				

G DIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	2.01	*	*	*	1	2	VRKAGQVIR	1
G DIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	*	1.57	*	*	*	1	1	SEGEIAR	1
G DS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.99	3.46	0.78	0.00	1	1	3	IQASGILQLFASLLTPQSSC[339]JK	1
G FRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	0.00	6.75	0.64	0.00	1	2	2	M[147]NLSKLN[M147]LKPDSLDC[339]LK	1
							2	LMNSC[330]LQAR	1
G HC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.23	0.04	5	2	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	GVNEDTYSGLDLC[339]JAR	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	3
G LIS3_HUMAN (Q8NEA6) Zinc finger protein GLIS3 (GLI-similar 3) (Zinc finger protein 515) [MASS=83605]	0.39	1.94	1.02	0.00	1	1	2	GSC[330]IPQPRPVPGSQK	1
G LRA2_HUMAN (P23416) Glycine receptor alpha-2 chain precursor [MASS=52002]	0.00	4.65	*	*	*	1	2	SGKQPSQTLSPSDFLDKLM[147]GR	1
G LRX5_HUMAN (Q86SX6) Glutaredoxin-related protein 5 [MASS=16628]	0.99	12.10	1.78	0.00	1	1	2	GTPEQPQC[339]GFSNAVQILR	1
							2	C[339]VQSNIVLLTQAFR	2
G LSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.12	0.13	7	3	2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	2
							2	VPFC[339]LQSC[339]VKPLK	1
G LSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.46	1.16	3.17	0.00	1	1	2	FLIEAC[339]JK	1

GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas [MASS=64320])	0.00	9.96	*	*	*	3	3	RLDPTEPIRTPIIAGGLFVIDK	1
							3	VVMC[330]GGSLEIVPC[330]SRVGHVFR	1
							2	PFGNVESRLDLR	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	0.00	3.68	*	*	*	1	2	EIYTHFTC[330]ATDTK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	1.00	16.67	0.76	0.05	2	3	2	IIHEDGYSEEEC[330]R	1
							3	AVVYSNTIQSIMAIVKAM[147]GNLQIDFADPSR	1
							2	QM[147]KIIHEDGYSEEEC[339]R	1
GNAI3_HUMAN (P08754) Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3) [MASS=40401]	0.00	10.20	*	*	*	2	2	AAKEVKLLLLGAGESGK	1
							3	QMKIIHEDGYSEDEC[339]KQYK	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	*	5.25	*	*	*	1	3	WLRTISIILFLNKQDMLAEK	1
							2	M[147]HESLMLFDSIC[330]NNK	1
							2	M[147]EDTEPFSAELLSAMMR	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	20.40	1.06	0.00	1	4	2	M[147]VC[330]DVVSR	3
							3	MEDTEPFSAELLSAM[147]MRLWGDSGIQEC[330]FNRSR	1
							2	MVC[330]DVVSR	2
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	0.85	0.00	1	1	2	M[147]VC[339]DVVSR	1
							3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.00	3.11	2.33	0.00	1	1	3	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1
							2	IPLTIC[339]FPEYK	1

GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	0.00	5.81	6.13	0.00	1	1	2	IAC[339]HEEPVM[147]DLDFDSQKAR	1
							2	AMASLQNERDHLWNELEKFR	1
							2	LHEDELLQLVTQADVETEMQQKLRVLQR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (MacroGolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	4.20	*	*	*	7	2	KLQAALINR	1
							3	LDYESQTAHDNLLTEQIHLSIEAKSKDVK	1
							2	SLQEELSLARGTIERLTK	1
							3	ALHTQLEMQAKEHDER	1
							3	VLQRKLEEHEESLVGR	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	*	6.91	*	*	*	3	3	PSIGSSKSQDVVIMR	1
							2	WDEKAC[330]QM[147]M[147]LDIR	1
							2	SLNFSM[147]SM[147]NNTTEDILGM[147]VQIPR	1
GP132_HUMAN (Q9UNW8) Probable G-protein coupled receptor 132 (G2 accumulation protein) [MASS=42499]	0.00	6.58	1.08	0.00	1	2	2	IFRSIKQSMGLSAAQK	1
							2	WTLGLLAC[330]K	1
GP144_HUMAN (Q7Z7M1) Probable G-protein coupled receptor 144 (G-protein coupled receptor PGR24) [MASS=104087]	*	0.93	*	*	*	1	2	WLHGAAVDR	1
GP150_HUMAN (Q8NGU9) Probable G-protein coupled receptor 150 [MASS=46353]	*	5.30	*	*	*	1	2	VRLVFLGVILVVAVAGNTTVLC[330]R	1
GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	0.00	3.46	1.28	0.00	1	2	2	DPAPQNSNPAEEPR	1
							3	YLRLAHSFQALC[339]M[147]LLDFVSMLVYHFR	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	0.00	15.99	0.36	0.00	1	4	3	HRLEDEEEDDEEAEAGGLASLRQFLESGVLGSGGGPPR	1
							2	GGAGAEASLR	1
							2	AWGGSWGPGNPIFPQLTL	1
							3	TVWEQC[330]VAIM[147]SEEDGDDGGC[330]DDYAEGR	1
GPC4_HUMAN (O75487) Glypican-4 precursor (K-glypican) [MASS=62412]	*	3.60	*	*	*	1	3	PGAQAYLLTVFC[330]JLFLVM[147]QR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	11.87	0.56	0.08	3	3	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	QFGIVTIGEEKK	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.23	3.40	0.51	0.00	1	1	2	SREDC[330]C[330]TKF	1

GPNMB_HUMAN (Q14956) Transmembrane glycoprotein NMB precursor (Transmembrane glycoprotein HGFIN) [MASS=63922]	*	12.59	*	*	*	3	3	3	TFNGSGTYC[330]VNLTLGDDTSLALTSTLISVPDR C[339]QKEDANGNIVYEK MANSALISVGC[330]LAIFVTVISLLVYKK	1 1 1
GPR15_HUMAN (P49685) G-protein coupled receptor 15 (BOB) [MASS=40787]	0.00	7.50	0.62	0.00	1	1	3	RTDC[330]AYVVC[330]ASIWFISC[330]LLGLPTLLSR	1	
GPR97_HUMAN (Q86Y34) Probable G-protein coupled receptor 97 precursor (G-protein coupled receptor PGR26) [MASS=60860]	*	4.37	*	*	*	1	3	ISQAGC[339]GVSM[147]IFLAFTIILYAFLR	1	
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	7.08	1.50	0.04	2	2	3	QDVHSRGLC[339]S C[339]QGPPGVDLYRLEK	1 3	
GRAA_HUMAN (P12544) Granzyme A precursor (EC 3.4.21.78) (Cytotoxic T-lymphocyte proteinase 1) (Hanukkah factor) (H factor) (HF) (Granzyme-1) (CTL tryptase) (Fragmentin-1) [MASS=28969]	0.00	6.87	2.00	0.00	1	1	2	KGDDVKPGTM[147]C[339]QVAGWGR	1	
GRHL3_HUMAN (Q8TE85) Grainyhead-like protein 3 homolog (Sister of mammalian grainyhead) (Transcription factor CP2-like 4) [MASS=70318]	*	4.31	*	*	*	1	3	HPPPDC[339]LEC[339]SHPVTQVRNM[147]GFGDGFWR	1	
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	0.23	1.32	*	*	*	2	1	HDSIR	1	
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.23	1.22	1.07	0.00	1	1	2	KNHEM[147]FEGNDK	1	
GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	*	3.70	*	*	*	2	2	SLIVTTVLEEPFVM[147]FR	1	
							3	EFRIIFDC[330]SHTMAAQILK	1	

GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	1.36	*	*	*	1	3	VAPEEFVKFQFQR	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	2.78	*	*	*	2	2 3	KALGSARSPEGAR ETPQASEKVDPGSC[330]R	1 1
GRK4_HUMAN (P32298) G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) (IT11) [MASS=66555]	*	7.44	*	*	*	3	2 2 2	GGC[330]LTM[147]VPSEKEVEPK GGC[330]LTM[147]VPSEKEVEPKQC[339] PENILLDDR	1 1 1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.53	3.24	1.92	0.00	1	2	2 2	TIAPC[339]QK M[147]EEFKDQLPADEC[339]NK	1 1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	2.71	*	*	*	3	3 2 3	VC[330]KQM[147]IKR C[330]NVENLPRSR DAHSQGEVWSC[330]LEK	1 1 1
GSTM3_HUMAN (P21266) Glutathione S-transferase Mu 3 (EC 2.5.1.18) (GSTM3-3) (GST class-mu 3) (hGSTM3-3) [MASS=26428]	*	5.80	*	*	*	1	3	M[147]PINNKM[147]AQWGNK	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	0.00	4.44	0.73	0.00	1	1	3	RNSMLIVNLLAVTGGC[330]FM[147]GLC[330]K	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	0.00	5.24	0.07	0.00	1	1	2	WLAVLGC[330]VPPSLMLLLM[147]C[330]FM[147]PETPR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	0.00	8.80	0.40	0.00	1	3	2 3 2	NFLYDIAGC[330]SGTFTVQNR VINAHSFYNGTTTLPISDEDRTPRK ESQSVEEALKKLGIVK	1 1 1

GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	*	8.15	*	*	*	2	2	AVMVSNILLINKVNEK	1
							3	IGLGTDVAGGYSYSM[147]LDAIRR	1
HAOX2_HUMAN (Q9NYQ3) Hydroxyacid oxidase 2 (EC 1.1.3.15) (HAOX2) ((S)-2-hydroxy-acid oxidase, peroxisomal) (Long chain alpha-hydroxy acid oxidase) (Long-chain L-2-hydroxy acid oxidase) [MASS=38839]	0.37	3.99	0.45	0.00	1	1	2	ALVITLDTPVC[330]GNR	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	34.93	0.59	0.17	4	3	3	GTFATLSELHC[339]DKLHVDPENFR	2
							2	GTFATLSELHC[330]DK	1
							2	LLGNVLVC[330]VLAHHFGK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	1.40	0.00	1	1	2	HPVSC[339]K	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	4.23	5.58	0.00	1	7	3	YITAAAC[339]EM[147]VAEMVESLQSVLALGHKR	1
							2	VHPSEDEILAQYLV PATC[330]K	1
							2	LLSASFLLTGKKNVLPDRDVR	1
							2	QPSDSSVDFVLR	1
							2	NSSMALQQAHLKKNM[147]SHC[330]R	1
							3	TSDPNPAAPDSESVIVAMER	1
							2	EPGEQASVPLSPKK	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	0.65	*	*	*	1	3	LQQNISWKKTIVTR	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	*	1.75	*	*	*	1	2	PRDALPRLPALAAR	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	3.64	2.09	0.00	1	5	3	TFLPALC[330]KIFLDESAPDNVLEVTAR	1
							3	KSVLEVEFLGEEGTGLGPTLEFYALVAAEFQR	1
							2	LMC[339]MGDIK	1
							3	ALC[339]NRLVVVELNNRTSR	1
							2	LLAATM[147]EKG FHLN	1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	*	6.27	*	*	*	2	2	RKQSPAYMK	1
							3	C[339]EHC[330]RVFLFDHVM[147]YTIHM[147]GC[330]HGYR	1

HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	0.00	1.44	*	*	*	1	3	QIAESANSSSPQSSAGGKPAM[147]SYASALR	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	*	2.03	*	*	*	1	2	GGGIGDRDGVM[147]PK	1
HEM6_HUMAN (P36551) Coproporphyrinogen III oxidase, mitochondrial precursor (EC 1.3.3.3) (Coproporphyrinogenase) (Coprogen oxidase) (COX) [MASS=50152]	*	3.96	*	*	*	1	3	EGGGGISC[330]VLQDGC[330]VFEK	1
HEP2_HUMAN (P05546) Heparin cofactor 2 precursor (Heparin cofactor II) (HC-II) (Protease inhibitor leuserpin 2) (HLS2) [MASS=57070]	*	4.21	*	*	*	1	3	LMGIRMLFDKNGNMAGISDQR	1
HGFL_HUMAN (P26927) Hepatocyte growth factor-like protein precursor (Macrophage stimulatory protein) (MSP) (Macrophage-stimulating protein) [Contains: Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain] [MASS=80380]	0.00	3.94	1.27	0.10	2	2	1 C[330]GKRVDR 3 RC[339]ADDQPPSILDPPDQVQFEK	1 1	
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.40	5.22	1.38	0.00	1	2	2 NKGLPFTC[339]KAFVFDK 3 NKGLPFTC[330]KAFVFDK 2 C[339]EGDTPPTIVNLDHPVISC[330]AKTK	1 1 1	
HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	*	5.59	*	*	*	2	3 ELPPRPDPSPPSAGPAAYK 2 PLAERELPPRPDPSPPSAGPAAYK	1 1	
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	1.00	23.58	1.24	0.00	2	1	3 ENPVVPIGC[330]LATAAAALTYGLYSFHR 3 ENPVVPIGC[339]LATAAAALTYGLYSFHR	1 1	
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	0.00	6.02	0.06	0.00	1	4	2 TC[330]ILGTHHEK 2 LEVNERILGC[339]C[339]TSLM[147]QAIQVLIVASK 2 AIGEELLPR 3 LKEKYSSELVQNHADLLR	1 1 1 1	

HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	0.00	1.17	*	*	*	4	2	EKQSVTLTC[330]EVTGNPVPPEITWHK	1
							3	LMQTTM[147]EDAGQYTC[339]VVRNAAGEER	1
							2	EFEVTVHVPPTIK	1
							1	YIEAPK	1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	*	5.00	*	*	*	1	3	DFTLNDFGFM[147]IFHSPYC[330]KLVQKSLAR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.97	3.24	0.47	0.00	1	1	2	LTLSEAHAAC[330]R	1
							3	ATSM[147]DLPMPMRFR	1
							2	LSPLKSKFK	1
							3	ELQISLKQVLTALLNSRTTSHLLR	1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	*	3.58	*	*	*	9	1	RPISR	1
							3	C[330]RNSYHPEC[339]LGPNYPTK	1
							3	SSEGSAHNVAYPGIPK	1
							3	GNFC[339]PLC[330]DKC[330]YDDDDYESKMMQC[330]GK	1
							3	C[330]GQC[330]PGC[330]QVPEDC[339]GVC[330]TNC[339]LDK	1
							2	GKQLRC[330]EFC[339]QK	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	0.58	*	*	*	1	1	ERIAK	1
HSP7C_HUMAN (P11142) Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) [MASS=70898]	0.00	3.41	0.59	0.00	1	1	2	GPAVGIDLGTTYSC[330]VGVFQHGK	1
							2	LTTSEEK	1
							2	SSNQLSWLSVSM DAALGC[339]R	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	0.00	3.27	0.67	0.02	2	8	2	ENFGFLAEC[330]C[330]RDLHM[147]M[147]K	1
							2	SSNQLSWLSVSM[147]DAALGC[339]R	1
							2	YLQSNNSNWR	1
							2	QIGTLAELR	1
							3	REESPMDVDQPSQAQDTQSIASDGTTPQGEKEK	1
							2	RQQQAATSESSQSEASVRR	1
							2	QLM[147]HERLFGHSSTSALSAILRSPAFTSR	1
HV3L_HUMAN (P01773) Ig heavy chain V-III region BUR [MASS=12981]	0.00	15.97	0.28	0.00	1	1	2	LSC[330]TASAFNLSDYAM[147]HWVR	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	*	9.05	*	*	*	2	2	SAC[339]SLQSLGNAAPHAKSKELNGSC[330]M[147]R	1
							3	RVEMANLLNLSEK	2

								2	AAQLC[330]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	AILQQLGLNSTC[330]DDSILVK	1
								2	C[339]NVSFLLSEDGSGK	1
								2	MIAAQLLAYFTELKDDQVK	1
								2	LPVGFTFSFPC[330]QQSK	2
								2	AILQQLGLNSTC[339]DDSILVK	1
								2	ATDC[339]VGHDVVTLLR	1
								2	RAAQLC[339]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	17.67	1.25	0.03	20	11		2	KLPVGFTFSFPC[330]QQSK	1
								2	KLPVGFTFSFPC[339]QQSK	2
								2	LVPDSDVR	1
								2	AAQLC[330]GAGM[147]AAVVDKIR	1
								2	ATDC[330]VGHDVVTLLR	1
								1	ATDC[330]VGHDVVTLLR	1
								2	RAAQLC[330]GAGM[147]AAVVDK	1
								2	LPVGFTFSFPC[339]QQSK	2
								2	TVC[330]GVVSR	1
HYES_HUMAN (P34913) Epoxide hydrolase 2 (EC 3.3.2.3) (Soluble epoxide hydrolase) (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH) [MASS=62615]	*	4.14	*	*	*	1	3	AVASLNTPFIPANPNMSPLESIK	1	
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	*	5.88	*	*	*	1	3	PLHALLHGRGVC[339]LNEK	1	
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	0.72	10.17	0.40	0.00	1	5	3	C[339]EARGNPEPSVHC[330]AR	1	
							3	SDGGAVLALGLLGPVTRALSGETYRC[330]K	1	
							2	MPGPSPGLRR	1	
							2	GNPEPSVHC[330]AR	1	
							3	C[330]KAANDQGEAVKDVTLTVEYAPALDSVGC[339]PER	1	
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.99	2.46	1.43	0.01	2	1	2	C[339]REVAESC[339]K	1	
							2	C[330]REVAESC[330]K	1	

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.96	10.43	1.56	0.00	1	3	2	TSLDLYANVIHC[339]K	1
							1	KKVTAVHK	1
							3	NIANPTATLLASC[339]MM[147]LDHLK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	8.85	1.23	0.00	2	3	2	DLAGC[339]IHGLSNVK	1
							2	LDGNQDLIR	1
							2	GKLDGNQDLIRFAQMLEK	1
							2	DLAGC[330]IHGLSNVK	1
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	0.00	10.47	0.87	0.00	1	2	2	RELYSQC[330]FDELIR	1
							2	YDTPVLVSRNTEKR	1
IF122_HUMAN (Q9HBG6) Intraflagellar transport 122 homolog (WD repeat protein 10) [MASS=141968]	0.38	3.70	0.57	0.52	2	2	2	RSGHENLALEM[147]YTDLC[339]MFEYAK	1
							3	AEHC[339]INDIAFKPDGTQLILAAGSR	1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.50	0.63	0.00	1	1	3	YQEALQLC[330]LGQNMSITEEMAEK	1
IF2M_HUMAN (P46199) Translation initiation factor IF-2, mitochondrial precursor (IF-2Mt) (IF-2(Mt)) [MASS=81344]	*	5.91	*	*	*	2	3	TGM[147]DC[339]GLSLDEDNMEFQVGDIVC[330]YEEK	1
							3	VPVAGC[330]RVQKGQLEK	1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	*	6.62	*	*	*	6	2	LTPQMFQQLMKQVTQLAIDTEER	1
							2	GPQAGLGPRR	1
							3	ITKPGSIDSNNQLFAPGGR	1
							3	GEEDADGSKTQDLFRR	1
							3	FMLQDVLDLRGSNWVPR	1
							2	VFDWIEANLSEQQIVSNTLVR	1
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	*	1.01	*	*	*	1	2	SILNKLTPQM[147]FNQLMK	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	0.23	12.42	*	*	*	1	3	KYEDIC[330]PSTHNM[147]DVPNIKR	1

IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	0.23	30.92	0.65	0.00	1	2	3	YNAGEDVQVSVM[147]C[339]AMSEEYAVAIK NDYQLIC[339]IQDGYLSLLTETGEVR	1 1
IFN14_HUMAN (P01570) Interferon alpha-14 precursor (Interferon alpha-H) (LeIF H) (Interferon lambda-2-H) [MASS=22063]	0.00	8.99	2.57	0.00	1	1	2	MALPFALMMALVVLSC[339]JK	1
IFRD1_HUMAN (O00458) Interferon-related developmental regulator 1 (Nerve growth factor-inducible protein PC4) [MASS=50268]	*	5.10	*	*	*	1	2	QAALEGIKNALASKM[147]LYEFILER	1
IGS21_HUMAN (Q96ID5) Immunoglobulin superfamily member 21 precursor [MASS=51835]	0.99	3.21	0.36	0.00	1	1	2	C[330]TAQNPLGSTDHTR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	23.87	0.45	0.31	5	6	2	DHEDSSLQWSNPAQQTLYFGEK	1
							2	DTATLNC[330]QSSGSKPAAR	1
							2	EKDTATLNC[330]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	1
							3	EDDGASIVC[330]SVNHESLK	1
							3	EGQKLLLHC[339]EGR	1
2	LLLHC[330]EGR	1							
3	EKDTATLNC[330]QSSGSKPAAR	1							
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.99	3.10	0.39	0.00	1	1	2	LQAQDAGIYEC[330]HTPSTDTR	1
IKKE_HUMAN (Q14164) Inhibitor of nuclear factor kappa-B kinase epsilon subunit (EC 2.7.11.1) (I kappa-B kinase epsilon) (IkbKE) (IKK-epsilon) (IKK-E) (Inducible I kappa-B kinase) (IKK-i) [MASS=80462]	0.00	3.91	0.43	0.00	1	2	3	LLEELSHQLQDR	1
							2	GLHWWMEVLQATC[330]RR	1
IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	*	2.28	*	*	*	1	3	FWKNVRYHMPVQR	1
IL2_HUMAN (P60568) Interleukin-2 precursor (IL-2) (T-cell growth factor) (TCGF) (Aldesleukin) [MASS=17628]	0.91	33.99	1.39	0.00	1	2	3	M[147]YRM[147]QLLSC[339]IALSLALVTNSAPTSSSTKK	1
							3	GSETTFMC[339]EYADETATIVEFLNR	1

IMA7_HUMAN (O60684) Importin alpha-7 subunit (Karyopherin alpha-6) [MASS=60029]	*	3.92	*	*	*	1	3	YLVSLGC[339]IKPLC[330]DLLTVMDSK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	0.82	2.17	0.48	0.00	1	1	2	IQFNDLQSLLC[330]ATLQNVLR	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	*	1.28	*	*	*	1	3	FLFDSVSSQNVGLR	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.69	*	*	*	2	2	IDQLNRELAEQK	1
							2	ERPPEEVAARLAQKEK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	0.00	2.28	1.21	0.00	1	3	2	RQGTAPPPMK	1
							2	QRYADLPGELHIIIELEKDK	1
							2	NC[330]GNSVRMLVAR	1
IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	*	11.28	*	*	*	4	1	DMYKK	1
							2	TM[147]VNLPVISPFKK	1
							3	NHWQKIRTM[147]VNLPVISPFK	1
							2	IRTM[147]VNLPVISPFKK	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	0.21	10.68	0.21	0.00	1	5	3	TKSWGECQ[339]PETSGETDSGR	1
							3	YNQM[147]DDLLADFDSPC[330]VM[147]DC[339]KMGIR	1
							3	SGGGPGPSGSETPPPPR	1
							2	M[147]AVYC[330]YALNSLVIM[147]NSANEM[147]K	1
3	MIEVDPEAPTEEEKAQRAVTK	1							
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	2.41	*	*	*	1	3	DQM[147]EYMLQNHVFLFSSSELGYM[147]RAR	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	0.00	3.18	2.18	0.00	1	2	3	DVAQC[339]HLHHENPALGRER	1
							3	DVLDC[339]VVDSEMDSSMDLDDALRKFQSHIR	1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	0.00	7.46	1.73	0.23	2	3	3	DLLLSEIPSTASLC[330]SRK	1
							2	SMERVQGVSITR	1
							3	LAHPM[147]AHLIC[339]PVNKR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	*	8.34	*	*	*	5	3	QHNSC[339]TTENKNEPC[339]GAR	1
							3	SIASEPTEKHFFNVSEDELALVTIVK	1
							2	DSC[330]ESNHNITC[330]KVGYPFLR	1
							2	IVQRGGRQTMTALGTDATAR	1
							3	DSC[330]ESNHNITC[330]KVGYPFLR	1
3	KVM[147]VIVTDGESHDNHR	1							

ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	*	4.48	*	*	*	2	2	GLELDPEGSLHHQQKREAPSR	1
							2	SLQWFGATVRAHGSSILAC[330]APLYSWR	1
ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	*	5.42	*	*	*	2	3	SAFEC[339]REQVVSEQLVQSNIC[339]LYIDKR	1
							3	IAGSQLSSRLQYFGQALSGGQDLTQDGLVDLAVGAR	1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	*	4.01	*	*	*	1	3	PGEPQQLQVRFLRAEGYPVDLYYLM[147]DLSYSMK	1
ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	*	4.16	*	*	*	1	3	ISGNIDTPEGGFDAAMLQAAVC[339]ESHIGWRKEAK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	0.00	2.52	1.03	0.00	1	2	2	SLKVNC[330]KVTSR	1
							3	ERGHM[147]LENHVER	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	10.46	*	*	*	1	3	TKNGVVYQTFC[339]DM[147]TSGGGGWTLVASVHENDMRGK	1
							1	QSPDSGR	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	6.21	*	*	*	6	2	QGPVSPGPAPPPSFIMSYK	1
							3	AMSWQDRARQALATDELSSALAK	1
							2	TTC[330]FLSALTC[330]SC[339]NPER	1
							2	ILDLYALSKIVASK	1
							3	ILQATHPPSEDRFLHIMEDDSM[147]EEKPLK	1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	0.00	3.53	*	*	*	2	3	DHC[339]RTTPC[339]EVIDSC[330]TVAM[147]ASNDTPEGVR	1
							2	RDGNSSLIAAAVEVR	1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	3.27	2.40	0.00	1	2	2	LDLSHC[339]SHLTDQSSNLLTAVGSSTR	1
							2	VPTIPITKPHTMK	1

JOS1_HUMAN (Q15040) Josephin-1 (Josephin domain-containing 1) [MASS=23198]	0.00	3.96	1.24	0.00	1	1	2	RQHWIC[339]VR	1
							3	SSADSNMDDIC[330]KLLR	1
							2	NLGMVC[339]R	6
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	3.36	*	*	*	3			
							3	YSAARSSADSNMDDIC[330]K	1
K0406_HUMAN (O43156) Protein KIAA0406 [MASS=122069]	0.00	5.79	1.02	0.00	1	3	3	VRLELVELVEDLLLKC[339]SQSLVEC[339]AGPLLK	1
							3	LGFVAVSLLLGLAEQEKSK	1
							3	DFC[339]LLLM[147]SALYPVLEK	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	*	9.81	*	*	*	3	2	QLQEEAARLM[147]R	1
							3	QAGVAAAASLVSDGAEAGGESGTR	1
							3	PSELGPPDPRLAM[147]GSVGSVGAHAQEFAMK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	*	4.09	*	*	*	3	1	EATTTLHMLTLLK	1
							2	GC[339]QAEADRAEVSR	1
							3	EAELEELEIPPQYQAGGSGIHRPVAKK	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	0.00	3.36	0.14	0.00	1	2	2	MKDDLVPETARLNYTR	1
							2	RAADSLDTC[330]PIPPK	1
K6PF_HUMAN (P08237) 6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	0.00	6.16	1.03	0.00	1	3	2	GITNLC[330]VIGGDGSLTGADTFR	1
							3	KRALVFQPVAELK	1
							2	MGAKAMNWMSGKIK	1
K6PL_HUMAN (P17858) 6-phosphofructokinase, liver type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme B) (PFK-B) [MASS=84917]	0.99	2.44	0.81	0.00	1	1	2	C[330]HDYYTTEFLYNLYSSEGK	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	7.53	*	*	*	2	3	FLEHLSGAGKAIGVLTSGGDAQGM[147]NAAVRVVR	1
							3	THSINALLIIGFEAYLGLLELSAAR	1

KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	0.00	5.01	*	*	*	1	2	ALGGASGGYTTGPGPLVSLLR	1	
KBTB9_HUMAN (Q96CT2) Kelch repeat and BTB domain-containing protein 9 [MASS=71468]	0.00	2.60	1.44	0.00	1	1	2	EFEVHQNVLASC[339]SLYFK	1	
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	*	8.31	*	*	*	1	3	GFPAEFAM[147]YLNVC[339]RGLRFEEVDPDYMYLR	1	
								3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
								2	QETVDC[330]LKK	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	19.04	0.64	0.11	14	5	2	STVASC[339]M[147]HR	2	
								2	QETVDC[339]LKK	1
								2	STVASC[330]MHR	2
								2	C[339]VKVLAGQEYAAKIINTK	1
								3	EYYSEADASHC[339]IQQILEAVLHC[339]HQM[147]GVVHR	1
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	13.55	0.89	0.02	3	4	3	SRGAPAC[339]PSPAPFSPLPAPSPRISDILNSVR	1	
								2	WQNVHFHC[330]SGAPVAPLQ	1
								3	RGSGTPEAEAPRQWPPPC[339]PSPTIPGPLPTPSR	1
								2	LC[339]TGHEYAAK	1
								2	LC[330]TGHEYAAK	1
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.00	2.20	*	*	*	1	2	PENLLLASKSK	1	

KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al [MASS=137559])	0.00	5.34	3.01	0.00	1	4	3	ADLRAVNINLC[339]DMC[339]VILSANQNNIDDTSLQDK	1
							2	RPKMSIYK	1
							2	MDALIIPVTMEVPC[339]DSR	1
							2	SWLGRLRFLR	1
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	*	1.43	*	*	*	1	2	ARGPPFLTLSREK	1
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	0.00	5.01	2.24	0.00	1	1	3	LC[339]RSYEEIVQLC[339]DDYDEDSQEFFFDR	1
KCNV2_HUMAN (Q8TDN2) Potassium voltage-gated channel subfamily V member 2 (Voltage-gated potassium channel subunit Kv8.2) [MASS=62459]	0.00	4.77	1.12	0.00	1	1	3	DPAVFQLVYNFYLSGVLLVLDGLC[339]PR	1
							2	FC[339]TGLTQIETLFK	1
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	15.75	0.75	0.12	5	4	2	FC[330]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	2
							3	LAVEALSSLDGDLAGR	1
							3	LRFPAEDEFDLSAHNNHMAK	1
							1	FC[330]TGLTQIETLFK	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	6.21	*	*	*	2	2	LGYILTC[330]PSNLGTGLR	1
							2	GLSLPPAC[339]TR	1

							2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	3
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.19	0.04	13	2	3	SEVELVQLVIDGVNYLIDC[330]ER	1
							3	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	3
							3	SEVELVQLVIDGVNYLIDC[339]ER	3
							2	HNNC[339]M[147]ASHLTPAVYAR	1
KCTD5_HUMAN (Q9NXV2) Potassium channel tetramerization domain-containing protein 5 [MASS=26092]	*	10.68	*	*	*	1	3	GGIGAGLGGGLC[330]RRC[330]SAGLGALAQR	1
KGP1B_HUMAN (P14619) cGMP-dependent protein kinase 1, beta isozyme (EC 2.7.11.12) (cGK 1 beta) (cGKI-beta) [MASS=77803]	*	4.96	*	*	*	1	3	QAISAEPTAFDIQDLSHVTLPFYPKSPQSKDLIK	1
KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	*	1.77	*	*	*	1	3	PVQHSGTLP[147]VEAILSVSIGC[330]VTARSTKLQR	1
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	0.00	3.78	15.05	0.00	1	3	3	TVAATNMNEESSRSHAVLKITLHTLYDAK	1
							2	LHVEVMRLSGDVGER	1
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	3.11	*	*	*	3	2	IPVARVQALPTPATNGNRK	1
							2	KSNIRIHEDSTGGIYTVGVTTTR	1
							2	DLLQQVPNAHK	1
							3	RIEPAEELNSNDM[147]KTNK	1
							2	AHTEKVHVPARPYR	1
							3	DSVAQGTTNVHSSEHAGRNGRNAADPISGDFK	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	4.15	*	*	*	7	2	ELFQTPGPSEESMTDEK	1
							3	QDKTEAEQQITEVFVLAERIEINR	2
							3	VSGNPQVHIKNVK	1
							2	ITEGKVSGNPQVHIKNVK	1

KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin-like protein 1) [MASS=119273]	*	4.54	*	*	*	4	2	M[147]ASQPNSSAKKK	1
							2	DVSGLHSLDRK	1
							2	TQELETTQKHLQETK	1
							2	GINTLERSK	1
KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	6.76	1.09	0.00	1	2	3	NSM[147]M[147]TSVLRDSLGGNC[330]MTTM[147]IATLSLEKR	1
							3	ILENNTVSSSESKDQDC[339]QEPLKEEEYR	1
KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	*	13.62	*	*	*	2	3	KHTGERPYSC[330]NWESC[339]SWSFFR	1
							3	M[147]IYC[339]QRM[147]SPPQQEM[147]TIFSGPQLMPVGEPNIPR	1
KLF4_HUMAN (O43474) Krueppel-like factor 4 (Epithelial zinc-finger protein EZF) (Gut-enriched krueppel-like factor) [MASS=50078]	*	2.98	*	*	*	1	2	RTATHTC[330]DYAGC[339]GK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	0.00	2.63	0.76	0.00	1	4	1	KLQGQIK	1
							2	AVIFIRENATLLHKVFNC[330]R	1
							2	TKYFQM[147]LK	1
							3	QYIQLLELPAFALAC[330]LM[147]LM[147]PHSEK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	*	3.43	*	*	*	1	3	LTDFNFLM[147]VLGKGSFGKVMLADR	1
KPCB_HUMAN (P05771) Protein kinase C beta type (EC 2.7.11.13) (PKC-beta) (PKC-B) [MASS=76737]	0.00	4.03	0.89	0.00	1	2	2	RC[330]VM[147]NVPSLC[339]GTDHTER	1
							2	C[339]DTC[339]M[147]M[147]NVHK	1
KPCD_HUMAN (Q05655) Protein kinase C delta type (EC 2.7.11.13) (nPKC-delta) [MASS=77477]	*	6.21	*	*	*	2	2	LLAEALNQVTQRASR	1
							3	VIQIVLM[147]RAAEEPVSEVTGVSVLAER	1
KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	0.00	6.11	1.65	0.00	1	3	3	AASSPDGQLM[147]SPGENGEVRQGQAKR	1
							3	RC[339]ETNVAPNC[339]GVDAR	1
							1	VFRER	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.99	3.21	1.16	0.00	1	1	2	AGKPVIC[330]ATQM[147]LESM[147]IK	1
KR108_HUMAN (P60410) Keratin-associated protein 10-8 (Keratin-associated protein 10.8) (High sulfur keratin-associated protein 10.8) (Keratin-associated protein 18-8) (Keratin-associated protein 18.8) [MASS=26318]	*	11.20	*	*	*	1	3	M[147]ADAC[330]C[330]TRTYVIAASTM[147]SVC[330]SSDVGRVSR	1

KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	0.00	2.38	*	*	*	2	1	SLISAL	1
							1	GHQNR	1
KRHB1_HUMAN (Q14533) Keratin, type II cuticular Hb1 (Hair keratin, type II Hb1) (ghHkb1) (ghHb1) (MLN 137) [MASS=54971]	*	2.38	*	*	*	1	2	ATAENEFVALKK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	*	3.65	*	*	*	1	2	PC[339]GQLN TTC[339]GGGSC[339]GQGR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	*	2.04	*	*	*	1	2	SKAPHWTNRILHEYK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	7.72	*	*	*	3	2	KLIHLIPGFTALHR	1
							2	PPGTPPPSSRKLHLIPGFTALHR	1
							2	TQPAEAIWQM[147]GTGMKPNLSQIGMGK	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.98	1.43	0.68	0.00	1	2	1	EMAPEK	1
							2	C[339]EASGKPEVQFR	1
LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	0.00	1.61	0.07	0.00	1	3	3	C[339]IC[339]PPNTIGEKC[330]SK	1
							3	IRTLNADLMM[147]FAHKDPR	1
							2	GYTGYPDC[330]KAC[330]NC[330]SGLGSK	1
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	0.00	5.51	1.12	0.00	1	1	2	IPQSHIQIC[339]ETILTSGENLAR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	10.67	2.68	0.00	1	2	2	KQYVGA AHGM[147]AGIYYMLM[147]QPAAK	1
							3	TADPHDC[339]SAYTGWTGIALLYLQLYR	1
LASS4_HUMAN (Q9HA82) LAG1 longevity assurance homolog 4 [MASS=46399]	*	3.30	*	*	*	1	2	MLYSFMKKGQMEK	1
LASS6_HUMAN (Q6ZMG9) LAG1 longevity assurance homolog 6 [MASS=44890]	0.00	5.21	0.68	0.00	1	1	3	FQKMC[330]DLLFVMFAVVFITTR	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	8.25	*	*	*	2	2	M[147]KSGQM[147]FAKEDLK	1
							3	NFLIKRIGDVLVNQFSGENAER	1

LRC21_HUMAN (Q9P2V4) Leucine-rich repeat-containing protein 21 precursor (Photoreceptor-associated LRR superfamily protein) (Retina-specific protein PAL) [MASS=68040]	*	6.26	*	*	*	2	2	YVAC[330]VC[339]VQGLVPRK	1
							3	SLLGGTALLRC[339]GATGVPGPEMSWRR	1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	0.00	6.23	0.84	0.00	1	2	2	LGLTLNKDR	2
							2	HC[330]PLEFPPQLVVQKGLVAIQRFLR	1
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	0.99	5.66	0.65	0.38	2	2	2	LFTLPLLHYLEVSGC[330]GSLR	1
							3	GPLLYC[330]ARPPQDLK	1
LRC8C_HUMAN (Q8TDW0) Leucine-rich repeat-containing protein 8C (Protein AD158) [MASS=92391]	0.00	5.48	1.29	0.00	1	3	3	YFPYLVIHTLVFMLC[339]SNFWFK	1
							2	FVVDKSTAGALDKK	1
							1	STAGALDK	1
LRIG1_HUMAN (Q96JA1) Leucine-rich repeats and immunoglobulin-like domains protein 1 precursor (LIG-1) [MASS=119052]	0.00	4.67	0.69	0.57	2	4	2	LC[330]AGSAYHK	1
							2	QVTFGHEGR	2
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	*	5.59	*	*	*	1	2	DASHFPEPDTHSVAC[330]R	1
							2	RM[147]HVM[147]PDDDVFFITDVK	1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.99	3.96	0.69	0.08	2	9	3	EEDTRSASPTIEAQGTSPAHDNIAFQDSTSK	1
							3	IFVC[339]NRNGDTC[330]VTLLEDLELYNPK	1
							3	C[339]QPRYTGDKC[330]ELDQC[330]WEHC[330]R	1
							2	ELQGNC[339]SR	1
							3	ILWIDARSDAIYSARYDGGSGHM[147]EVLK	1
							3	GRGQRAC[330]AC[330]AHGMLAEDGASC[330]R	1
							3	C[339]DGERDC[339]PDGSDEAPEIC[339]PQSK	1
							3	C[330]LC[339]VEGYAPRGGDPHSC[339]K	1
							3	C[339]DGERDC[330]PDGSDEAPEIC[339]PQSKAQR	1
							3	RILWIDARSDAIYSAR	1
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	0.00	3.53	0.64	0.00	1	2	1	STSLKVK	5
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	0.99	6.80	0.63	0.00	1	1	2	EGGLYTC[330]IATNLVGADLK	1
							3	IQKVDVYDEGSYTC[330]SVQTQHEPK	1

LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	6.48	0.34	0.00	1	2	3	TLPELC[330]SPQDELDFLM[147]EALIISK PPGPLVLMVAVVATSTLSLLMVC[339]GVLILVKQKK	1 1
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.97	20.71	0.66	0.00	1	2	2	DHSVNKMC[330]ASSC[330]DFVK QC[339]QPSDTVVC[339]ASVR	1 1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	1.00	17.57	0.85	0.00	2	3	3	LTGADGTPPGFLLKAVIGM[147]TAGATGAFVGTAEVALIR GC[330]IPTM[147]AR M[147]QLSGEGAK GC[339]IPTM[147]AR	1 1 1 1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	1.16	*	*	*	1	2	SPWRGEYKEPR	1
M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEK4) (MAP three kinase 1) [MASS=181550]	0.00	1.18	0.29	0.00	1	1	3	GGEAQAGKLF3[330]DIAGMLLK	1
M3K5_HUMAN (Q99683) Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25) (MAPK/ERK kinase kinase 5) (MEK kinase 5) (MEK5) (Apoptosis signal-regulating kinase 1) (ASK-1) [MASS=154536]	0.00	2.91	0.48	0.00	1	3	2	QELVDFWM[147]DFLVEATK VYC[330]C[330]DSSFM[147]K C[339]LRLRGGMLC[339]TLWK	1 1 1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	1.77	1.98	0.00	1	5	3	TGSLEEMTQRLR ATSSETKESTDIEKAILEQQVLSEELTTK MEEVHKEANSVLQWLESK LEAMNQC[339]WESVLQK QRVNSGC[339]VM[147]M[147]ENKLEGIGQFHC[339]R	1 1 1 1 1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	0.39	*	*	*	2	2	EMTSSEK GK EYPDREDC[330]TTEK GK	1 1
MAML3_HUMAN (Q96JK9) Mastermind-like protein 3 (Mam-3) [MASS=121692]	0.00	4.85	*	*	*	2	3	SGAGTGKQQHPSKPQQDAEASAEQR TTMNNYLPQNHMMN[147]INQQPNNLGTNSLNK	1 1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	1.00	3.15	1.14	0.00	2	1	2	FGINC[330]LIQFEDFANANA FR FGINC[339]LIQFEDFANANA FR	1 1

MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	*	2.23	*	*	*	3	2	TPVQDHR	1
							3	SGKQGSPDQVSPVSEM[147]TSTSLYQDK	1
							3	HPDVSMVDPEALAIEQNLGKALK	1
MASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b [MASS=75685]	0.00	11.81	3.28	0.00	1	3	3	IHYTSTAHAC[330]PYPMAPPNGHVSPVQAK	1
							3	YILKDSFSIFC[330]ETGYELLQGHPLPK	1
							3	C[339]TAAYEKPPYPRGSVTANM[147]LC[339]AGLESGGK	1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.66	5.42	0.15	0.00	1	3	2	ATGTFDNEIVMM[147]NHVYR	1
							3	LALADGVLGFIHHQIVELARDC[330]LAKSGENLVTSR	1
							3	ERLHQLPFQPTDELHFLSK	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	6.02	*	*	*	3	1	KDGSASAAK	1
							2	SQESGYDRM[147]DYEDDRLR	1
							3	SQAFIEMETREDAMAMVDHC[330]LKK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.96	4.09	1.65	0.00	1	2	2	GTHFVQLC[339]C[339]QR	1
							3	QMKALVNQLHER	1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	0.00	8.38	1.26	0.00	1	3	3	C[339]TAASQGQKR	1
							3	C[339]DDILKWKPPSLNSVDFR	1
							3	YLIYDIIFNSQPVGDC[339]DFNVR	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.88	*	*	*	2	1	RLLVTR	1
							2	PRPPVLWSRVDK	1

MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.86	2.10	0.57	0.02	2	1	2	AIC[330]DHVR	2
							3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	1
							2	EGVVEC[339]SFVK	1
							2	SQETEC[339]TYFSTPLLLGK	1
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.19	0.07	10	6	2	GYLGPEQLPDC[339]LK	1
							2	GYLGPEQLPDC[330]LK	1
							2	TIIP LISQC[330]TPK	1
							2	GC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	2
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	*	2.98	*	*	*	4	2	LDGGQLVWETLMDSR	1
							3	VSIVRSTTITLTPSAETDVSLVYR	1
							2	NC[330]STEC[330]RC[330]NRHSEC[330]AGVGAR	1
							3	LLALTLPPDPC[339]R	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	7.06	0.84	0.00	1	2	2	IYC[330]PPEASVLLASYAVQAK	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	6.74	0.71	0.00	1	2	3	FEEC[339]ISQSAVKTKFEQHTVR	1
							3	TSNGKSTVINAM[147]LWDKVLPSGIGHTTNC[330]FLR	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	15.79	1.28	0.01	2	1	2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	*	1.78	*	*	*	2	2	LDKRGSHK	1
							2	VDGQTGENDMNK	1
MIER1_HUMAN (Q8N108) Mesoderm induction early response protein 1 (Mi-er1) (hmi-er1) (Early response 1) (Er1) [MASS=60653]	*	5.60	*	*	*	1	3	LLDESESAASSRAPSPPTASNSSNSQSEK	1

MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase kinase 6) (MAPK/ERK kinase kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MINK) [MASS=149808]	0.98	0.90	0.29	0.00	1	1	2	KFIDFIDTC[330]LIK	1
MIOX_HUMAN (Q9UGB7) Inositol oxygenase (EC 1.13.99.1) (Myo-inositol oxygenase) (Aldehyde reductase-like 6) (Renal-specific oxidoreductase) (Kidney-specific protein 32) [MASS=33009]	0.00	6.32	0.00	0.00	1	1	3	DYQQLC[330]SQQDLAMPLPWVR	1
MK01_HUMAN (P28482) Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1) [MASS=41258]	1.00	11.70	0.80	0.00	1	2	3 3	HYLDQLNHILGILGSPSQEDLNC[330]IINLK AAAAAAGAGPEM[147]VR	1 1
MKNK2_HUMAN (Q9HBH9) MAP kinase-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 2) (Mnk2) [MASS=51875]	*	6.45	*	*	*	1	3	RHFNELEASVVVQDVASALDFLHNKGIAHR	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	*	3.59	*	*	*	7	3	PMQNNTGPQPPKPGPVLQSGQGLPGVGIMPTVGQLR	1
							3	LSPPEELPASPLPEALHLSR	1
							2	FPTAPPTYPPYPSPTGAPAQPPMLGASSR	1
							3	HPSPC[339]QFTIATPKVEPAPAANSLGLGLK	1
							3	LAGLEQKLQGTPSNK	1
							3	ADTPGPEGGVKASPVPSDPEKPGTPGEGM[147]LSSDLDR	1
3	REANGEPIGAPGTSNHLLLAGPR	1							
MLP3A_HUMAN (Q9H492) Microtubule-associated proteins 1A/1B light chain 3A precursor (MAP1A/MAP1B LC3 A) (MAP1A/1B light chain 3 A) (MAP1 light chain 3-like protein 1) (Microtubule-associated protein 1 light chain 3 alpha) (Autophagy-related protein LC3 A) [MASS=14272]	*	14.88	*	*	*	1	2	DEDGFLYM[147]VYASQETFGF	1

MMP19_HUMAN (Q99542) Matrix metalloproteinase-19 precursor (EC 3.4.24.-) (MMP-19) (Matrix metalloproteinase RASI) (MMP-18) [MASS=57357]	0.00	5.71	3.51	0.00	1	2	2	M[147]NC[339]QQLWLGFLLPMTVSGR	1
							3	NISHNWMHC[339]R	1
							1	TFPGIPK	11
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL-1) [MASS=53977]	0.00	4.19	*	*	*	2			
							3	GNQFWAIRGNEVR	1
MMP8_HUMAN (P22894) Neutrophil collagenase precursor (EC 3.4.24.34) (Matrix metalloproteinase-8) (MMP-8) (PMNL collagenase) (PMNL-CL) [MASS=53412]	0.00	3.64	0.44	0.00	1	1	2	C[330]GVPDSGGFMLTPGNPK	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	4.86	*	*	*	1	2	VKGYENGNFVGPTIISNVKPNM[147]TC[330]YK	1
MOD5_HUMAN (Q9H3H1) tRNA isopentenyltransferase, mitochondrial precursor (EC 2.5.1.8) (Isopentenyl-diphosphate:tRNA isopentenyltransferase) (IPP transferase) (IPTase) (IPPT) (hGRO1) [MASS=52725]	0.00	8.78	0.69	0.00	1	2	3	EFHEYLITEGKC[339]TLETSNQLLKK	1
							2	VDDMLAAGLLEELRDFHR	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	8.91	*	*	*	1	3	NATGMEVGWYRPPFSRVVHLYR	1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	*	2.56	*	*	*	1	3	KLPDGMDQLPEKWYC[339]SNNPDPQFR	1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	3.74	*	*	*	2	3	KM[147]PMENENHQVFSNPPK	1
							3	DQRQGSLLP EELEDQMPR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.97	1.66	1.14	0.00	1	1	2	FAC[330]FER	1
MPPA_HUMAN (Q10713) Mitochondrial-processing peptidase alpha subunit, mitochondrial precursor (EC 3.4.24.64) (Alpha-MPP) (P-55) [MASS=58253]	*	4.76	*	*	*	1	2	AKTQLTSMLMMNLESRPVIFEDVGR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	0.00	2.61	1.23	0.00	1	3	3	IFMFNVC[330]GTMPVC[330]GTILGK	1
							3	EYLFYLNVC[339]GETEIQFC[339]NKK	1
							3	GLVYMSIC[330]GENENC[339]PPGVGAC[339]FGQTR	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	0.00	1.35	1.55	0.00	1	1	2	ISYHGSC[339]PQGLADSAWIPFR	1
MSAP_HUMAN (Q9Y2B0) MIR-interacting saposin-like protein precursor (Transmembrane protein 4) (Putative secreted protein ZSIG9) [MASS=20652]	*	5.49	*	*	*	1	2	IDSDISGTLK	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	0.00	10.03	*	*	*	1	3	MDGGSGGLGSGDNAPTTEALFVALGAGVTALSHPLLYVK	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	11.22	1.25	0.07	3	2	3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[339]SGVLGTVVHGK	1
							2	QVC[330]QLPGLFSYAQHIASIDGR	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	*	3.06	*	*	*	1	2	ERDC[339]HDIYNSLLQLSKQAK	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	*	2.54	*	*	*	2	3	KC[330]VVPAGPPVVSIM[147]DKVTTVFNSAQR	1
							2	SQRHLRSRSPGIVSTNLPSYQK	1

MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78-related protein) [MASS=82088]	*	1.54	*	*	*	1	2	GTEKSVM[147]NVVR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	0.70	*	*	*	1	2	TPC[339]GSQASTEILAPKAEK	1
MYCN_HUMAN (P04198) N-myc proto-oncogene protein [MASS=49561]	*	3.88	*	*	*	1	2	SSFLTLRDHVPPELVKNEK	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	*	3.37	*	*	*	3	2	SM[147]EAEMIQLQEELAAAER	1
							2	YEILTPNSIPKGF[M147]DGKQAC[339]VLM[147]IK	1
							2	IIGLDQVAGMSETALPGAFKTRK	1
MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	*	1.94	*	*	*	2	3	VVFQAEERNYHIFYQLC[330]ASAK	1
							3	KVPLDMSLFLKLQK	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	0.00	5.15	0.74	0.00	1	6	3	FGKYIDIHFNR	1
							2	VSSLGSGSDHVM[147]DAISQC[339]EQYAK	1
							2	VYFPDDTDEAFEVESSTK	1
							3	NFIHGGPPGYAPYC[330]EERLR	1
							2	NYHVFC[330]MLEGMSDQKK	1
							2	GTDTTMLHKLNSQHKLNANYIPPK	1
							2	VALLEDVNR	2
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	*	2.69	*	*	*	4	2	DVLKITTC[339]VEMLIKEQMR	1
							3	YTGMLETVRIR	4
							3	QPTEQPQAMAVGKVSEETEK	1
MYOTI_HUMAN (Q9UBF9) Myotilin (Titin immunoglobulin domain protein) (Myofibrillar titin-like Ig domains protein) (57 kDa cytoskeletal protein) [MASS=55395]	*	3.01	*	*	*	1	2	QSSIIQPRQC[339]TEQR	1
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	0.61	*	*	*	1	1	SSSRIGLR	1

								2	VC[339]GSNLLSIC[339]K	2
								3	M[147]YGVLPWNAFPGK	1
								2	VC[330]GSNLLSIC[330]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	18.12	1.48	0.10	8	5				
								2	VC[339]HC[339]LGK	1
								2	TTIC[339]GK	1
								2	TSASIGSLC[339]ADAR	2
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferas [MASS=231343]	*	0.34	*	*	*	1	1		ERKTGFK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	2		EM[147]FGYMK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na ⁺)/Ca ²⁺ -exchange protein 2) [MASS=100367]	*	4.02	*	*	*	2	2	2	LEVIIIESYDFKNTVDKLIK EITITKANGETSVGTVR	1 1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD(+) synthetase (EC 6.3.5.1) (NAD(+) synthase [glutamine-hydrolyzing]) (NAD(+) synthetase 1) [MASS=79293]	*	1.84	*	*	*	1	2		M[147]ALANEGNYRELR	1
NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	0.00	2.20	0.31	0.00	1	2	2	2	SAM[147]NILHHELHPNC[330]K YVFYLNGR	1 1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	0.00	5.94	*	*	*	2	3	3	ADAVDLAEQLAQFYGPEPALEVARK DLSEALRAAPALTELGLLHNRLSEAGLR	1 1
NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	*	3.81	*	*	*	3		2	ERKALEGMINNFQTPC[330]QLLK NALHLFSINGK ALEGMINNFQTPC[339]QLLK	1 1 1

NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.90	0.33	0.23	4	3	2	FFLC[330]QVAGDAK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							1	FFLC[330]QVAGDAK	1
							2	KVDKNDEAEYIC[339]IAENK	1
NCALD_HUMAN (P61601) Neurocalcin delta [MASS=22114]	0.00	21.88	1.46	0.00	1	2	3	AEMLEIVQAIYKMVSSVMKMPPEDESTPEK	1
							2	DC[339]PSGHLSMEEFK	1
NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	*	15.48	*	*	*	3	3	TTLLKM[147]ADC[339]GGLPQISQPAK	1
							2	YFVQGMGYM[147]PSASM[147]TR	1
							3	LAEAFKYFVQGMGYMPSASMTRLM[147]R	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	0.84	11.32	0.67	0.00	1	2	2	YFLQGM[147]GYMASSC[330]MTRLSR	1
							3	C[330]PVM[147]LVVGDQAPHEDAVVEC[330]NSK	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.28	0.00	2	1	2	IHLC[339]QR	1
							2	IHLC[330]QR	1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	13.91	1.75	0.11	2	1	2	TTGLVGLAVC[339]NTPHER	2
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	*	8.77	*	*	*	1	2	VKTDRPLPENPYHSR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	19.15	1.27	0.04	5	4	2	QC[339]VDHYNEVK	1
							2	KQC[339]VDHYNEVK	1
							2	ITSAYLQDIENAYKK	1
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK	1
							2	KQC[330]VDHYNEVK	1
2	QC[330]VDHYNEVK	1							

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	0.94	0.02	4	1	2	DYC[330]AHLIR	1
							3	DYC[330]AHLIR	1
							3	DYC[339]AHLIR	1
							2	DYC[339]AHLIR	1
							2	SLQDDPKLVLSMNVAK	5
NEBU_HUMAN (P20929) Nebulin [MASS=773208]	0.00	1.71	*	*	*	8	2	HFKYATQLM[147]NEK	1
							2	NQEMMSQIKYK	1
							2	VNKQISDILYKLEYNK	1
							2	GKMVGFQSLQDDPK	1
							1	M[147]VGFR	1
							3	NMMQIQSDNQYKADYADFM[147]K	1
							3	FM[147]TPYIAHSQKMQLFSPNK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	2.97	*	*	*	2	3	TNIIKVGDLGIAR	1
							3	PEERPSVRSILR	1
NF1_HUMAN (P21359) Neurofibromin (Neurofibromatosis-related protein NF-1) [Contains: Neurofibromin truncated] [MASS=319370]	*	1.41	*	*	*	3	3	LVSSKVI GRM[147]C[330]K	1
							3	LFDLVDGFAESTK	1
							3	FM[147]DRLLSLM[147]VC[330]NHEK	1
NF2L2_HUMAN (Q16236) Nuclear factor erythroid 2-related factor 2 (NF-E2-related factor 2) (NFE2-related factor 2) (Nuclear factor, erythroid derived 2, like 2) (HEBP1) [MASS=67826]	0.00	1.49	*	*	*	1	2	DGNVFLVPK	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	0.99	4.60	0.57	0.00	1	4	2	RGTTVQLE C[330]R	1
							1	FGTALS NR	1
							2	NGQGSNLDGGNYHVYENG SLEIK	1
							2	AYLTVLADQATPTNRLAALPK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-1/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	0.22	3.33	1.93	0.00	1	1	2	HPC[339]C[339]VLSNPDQKGK	1

NHPX_HUMAN (P55769) NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1) (U4/U6.U5 tri-snRNP 15.5 kDa protein) (OTK27) (hSNU13) [MASS=14042]	0.34	22.05	0.73	0.00	1	1	3	GISEFIVM[147]AADAEPLEIILHLPLLC[330]EDK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	0.00	16.17	1.09	0.00	1	1	3	NVGS�DKTSKNVGTGLVGAPAC[339]GDVM[147]K	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	*	33.33	*	*	*	2	2	WLTIQSGEQPYK	1
							3	M[147]AGRC[330]HAFEKEWIEC[330]AHGIGYTR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	*	4.93	*	*	*	1	2	FSGGYPALMDC[330]M[147]NK	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	8.39	1.08	0.11	2	2	2	IC[339]QEVLPK	1
							2	LQFHNVKPEC[339]LEAYNK	1
NKRF_HUMAN (O15226) NF-kappa-B-repressing factor (NFKB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	*	2.46	*	*	*	1	3	NEIQGRSAEEAYKQQIK	1
							2	LRAYRPPSGEK	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.61	1.21	0.00	1	5	2	YVKGRDR	1
							2	EPVGRIMFQLFSDIC[330]PK	1
							3	KQAFHWQPPLEFGEEEEIEIDDKQVTQESK	1
							2	EASSSEEP RNKHAM[147]NPK	1
NLGN1_HUMAN (Q8N2Q7) Neuroligin-1 precursor [MASS=93835]	*	2.74	*	*	*	1	3	MLATKVGCC[330]NVSDTVELVEC[330]LQKK	1
NLTP_HUMAN (P22307) Nonspecific lipid-transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	0.00	9.14	0.53	0.00	1	3	2	IGGIFAFKVKDGP GGK	1
							2	KADC[339]TITM[147]ADSDFLALM[147]TGK	1
							3	RVFVVGVMGTMKFKV	1

NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	4.33	0.89	0.08	4	4	2	LFAQQC[339]K	1
							2	PGIPYKQLTVGVPK	2
							2	KTC[339]DALQAK	1
							1	LFAQQC[330]K	2
							2	EANSIIITPGYGLC[330]AAK	1
							2	KTC[330]DALQAK	1
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	0.00	1.28	0.40	0.00	1	1	2	C[330]NHPSLAEGNK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	3.21	*	*	*	1	2	EM[147]AAM[147]C[330]LGLAHSLSRYR	1
NOS1_HUMAN (P29475) Nitric-oxide synthase, brain (EC 1.14.13.39) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS) [MASS=160969]	0.00	5.86	0.29	0.00	1	4	2	FGC[330]ALM[147]EMRHPNSVQEERK	1
							2	QFDIQHKGM[147]NPC[339]PM[147]VLVFGC[339]RQSK	1
							2	SQAYAKTLC[330]EIFKHAFDAK	1
							3	M[147]EDHMFVGVQQIQPNVISVRLFK	1
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	0.00	4.69	1.58	0.00	1	4	3	GSPQLDC[339]GPPALQEM[147]PINQGGEK	1
							3	GGGAC[339]LQARTWSVDLAARGGGAYSHC[330]R	1
							3	DQAGLAPADVAHQRNHWDLTLLEGAGPPEAR	1
							3	C[339]SC[330]PHSSPGPR	7
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.25	11.47	0.73	0.00	1	3	3	ASGDGESLDEDESEFTLASDFEIGHFFRER	1
							2	C[330]AHIEAK	1
							2	RRINALK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.00	1.10	2.47	0.00	1	1	2	YNC[339]EYSGPPKPLPK	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	6.38	0.46	0.09	5	1	2	AEDSGEYHC[339]VYHFVSAPK	1
							2	AEDSGEYHC[330]VYHFVSAPK	3
							3	AEDSGEYHC[330]VYHFVSAPK	1

NR4A3_HUMAN (Q92570) Orphan nuclear receptor NR4A3 (Nuclear hormone receptor NOR-1) (Neuron-derived orphan receptor 1) (Mitogen-induced nuclear orphan receptor) [MASS=68229]	*	4.95	*	*	*	1	3	YC[339]PTDQAAAGTDAEHVQQFYNLLTASIDVSR	1
NRBP_HUMAN (Q9UHY1) Nuclear receptor-binding protein [MASS=59844]	0.00	10.09	*	*	*	2	2	PQQPQQEEVTSPVPPSVKTPTEPEAEVETR	1
							3	LQEEKVRAVFDNLIQLEHLNIVK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	5.41	0.48	0.00	1	3	3	VALVKVLDKWPLR	2
							3	QM[147]HNHLRQNM[147]C[330]PAHQNRSLANGPSHPR	1
							2	C[330]NETAK	1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	0.00	4.87	0.63	0.00	1	3	2	SC[330]EREATVLSYDGSM[147]FMK	1
							3	EATVLSYDGSM[147]FMKIQLPVMHTEAEDVSLR	1
							3	C[330]ENVATLDPITFETPESFISLPK	1
NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	0.00	2.40	1.45	0.00	1	2	2	NLDLKGDLYM[147]AGLAQGM[147]YSNLPK	1
							2	FSM[147]DC[339]AETAVALSNK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	4.84	0.65	0.04	2	3	2	GILLYGPPGC[330]GK	1
							1	IC[330]SPDK	1
							3	THPSVVPGSIAFSLPQRK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	2.20	*	*	*	1	3	FM[147]LGRC[339]YLVGTGEGQKALEC[339]FC[339]QAASEVGK	1
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	*	1.20	*	*	*	1	2	QGSLINSLKPSGPTPASGQLSSGDK	1
							2	LSVAGNC[330]R	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	7.57	1.27	0.05	8	4	2	LSVAGNC[339]R	1
							2	FC[339]YHER	2
							2	VVAAC[339]AM[147]PVM[147]K	1
							3	DC[330]FIYQGHGVDVGAPIADVILPGAAYTEK	1
2	FC[330]YHER	2							

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	27.37	1.03	0.43	8	7	2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
							2	GAGAYIC[339]GEETALIESIEGK	1
							2	YLVVNADEGEPGTC[339]K	1
							3	LKPPFPADVGVFGC[330]PTTVANVETVAVSPTIC[330]R	1
							3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
							2	YLVVNADEGEPGTC[339]KDR	1
2	NAC[330]GSGYDFDFVVR	1							
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	28.92	1.45	0.01	2	4	2	IEAIVKNYPEGHK	1
							2	YHIQVC[339]TTTPC[339]M[147]LR	1
							2	ARAAGLTAHWGRHVR	1
							3	SGRFSC[339]EPAGGLTSLTEPPKGPFGVQAGL	1
							2	YHIQVC[330]TTTPC[330]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.38	1.71	0.00	1	1	2	C[339]IAC[339]K	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.45	12.68	1.60	0.00	1	1	3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.22	0.05	5	1	3	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	2
NVL_HUMAN (O15381) Nuclear valosin-containing protein-like (Nuclear VCP-like protein) (NVLp) [MASS=95050]	0.00	9.00	*	*	*	3	3	KDSFFLDLSC[330]EKSNDK	1
							3	TLLAHAIAGELDLPILKVAPEIVSGVSGESEQK	1
							3	C[339]DC[339]YTGADLSALVREASIC[330]ALRQEM[147]AR	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	0.00	9.15	2.74	0.00	1	1	3	LRALNNC[339]LSHILAVLVLYIPM[147]VGVSM[147]THR	1
O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	0.00	5.61	1.99	0.00	1	1	3	YIAIC[339]NPLRYSSILTNSR	1
O52K1_HUMAN (Q8NGK4) Olfactory receptor 52K1 [MASS=35289]	0.00	8.60	0.89	0.00	1	1	3	AFGTC[339]VSHIGAILSTYTPVVISSVMHR	1

OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.44	1.12	0.00	1	8	2	ASLIVRERPAAIK	1
							1	HSLRQDGSR	1
							3	HRLVLHNVGFADR	1
							3	LSSIDLNDQVEGDDR	1
							2	LLGPKAPGPSTGDLTGPGPC[330]PR	1
							2	LEVRVKPVVFLK	2
							2	AGKTM[147]AIAAQGAC[330]RSLTIYR	1
							2	QGRKYILVVR	1
OCLN_HUMAN (Q16625) Occludin [MASS=59143]	*	12.26	*	*	*	2	3	PLESPPPYRPDEFKPNHYAPSNDIYGGEMHVR	1
3	AAKGF[147]LAM[147]AAFC[330]FIAALVIFVTSVIRSEM[147]SR	1							
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	*	4.77	*	*	*	2	2	EVPVTKLIDLEEDSFLEKEK	1
3	HEVVIWLGDLNYRLC[339]M[147]PDANEVK	1							
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	0.00	9.48	2.39	0.00	1	3	3	GRAFVFDVIHEGC[339]LVTPPELLR	1
2	C[339]HSEPDGPGIAALTSEERTR	1							
3	TESEGRSPNHIVVLC[339]R	1							
ODBB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha- keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	0.00	4.85	1.10	0.00	1	1	2	GLLLSC[339]IEDKNPC[339]IFFEPEK	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.00	1.40	1.01	0.00	1	1	2	FGLEG[330]EVLIPALK	1
ODP2_HUMAN (P10515) Dihydrolipoalysine- residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S- acetyltransferase component) [MASS=65781]	1.00	12.05	1.58	0.09	2	3	3	NFSAIINPPQAC[339]ILAIGASEDKLVADNEK	1
2	ILVAEGTRDVPVIGAIIC[339]ITVGK	1							
2	DVPIGAIIC[339]ITVGKPEDIEAFK	1							

ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	1.28	*	*	*	1	2	C[339]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.76	10.86	0.99	0.00	1	2	2	PVGHC[330]LEAAAVLSK	1
							2	RIIDTPISEM[147]GFAGIAVGAAMAGLR	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.97	7.98	1.86	0.00	1	2	2	STVPHAYATADC[339]DLGAVLK	1
							3	ILM[147]PSLSPTMEEGNIVKWLKK	1
							3	TQEQC[330]VHNETKNELEK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	7.19	1.24	0.09	7	5	2	TALNHC[339]NLC[339]R	1
							3	SIYHSHHPTLKLQR	1
							3	TQEQC[339]VHNETKNELEK	1
							3	C[339]NEEHPAYLASDEITTVR	1
							2	C[339]NEEHPAYLASDEITTVR	1
							2	TQEQC[330]VHNETKNELEK	1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	0.99	6.09	0.78	0.00	1	1	2	DQSGEYEC[330]SALNDVAAPDVRK	1
							2	LC[330]VQMAAGSWAGGFGISMVK	1
OR2A7_HUMAN (Q96R45) Olfactory receptor 2A7 [MASS=34726]	0.00	8.06	0.56	0.00	1	1	2	EQKKYLPLFHSLFNPM[NLPLIC[339]SLR	1
							3	EQKKYLPLFHSLFNPM[147]LNPLIC[339]SLR	1
OR5DD_HUMAN (Q8NGL4) Olfactory receptor 5D13 [MASS=35447]	0.00	19.11	0.80	0.00	1	2	3	LNSKLHTIM[147]C[330]FFLSHLSLTDFC[339]FSTVVTPK	1
							3	LC[339]FIIAIFNEVSSLIIILTSYM[147]LIFTTIMK	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	*	6.12	*	*	*	1	2	LC[330]VQMAAGSWAGGFGISMVK	1
OR8S1_HUMAN (Q8NH09) Olfactory receptor 8S1 [MASS=39694]	0.00	8.91	0.78	0.00	1	1	3	TISVEGC[339]LAQVFFVVTAGTEAC[339]LLSGMAYDR	1

ORAV1_HUMAN (Q8WV07) Oral cancer overexpressed protein 1 (Tumor amplified and overexpressed sequence 1) [MASS=15354]	0.00	21.17	1.14	0.00	1	1	3	IGSEIGC[339]YQGFAFAWKC[339]LLHSC[339]TTEKDSR	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	0.00	3.95	8.58	0.00	1	2	2	EARLVVLAIAINTMDLPER	1
							2	MC[339]FQPYTYSQLQILR	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	*	3.35	*	*	*	2	1	REAEAM[147]K	1
							2	AFRGATVLPANTPGNVGSGK	1
							2	QC[330]TMEMATGEVDVPLVSIFK	1
							3	ESM[147]FSWDETEYK	1
							3	WPVASSIDRNEMLEIQVFNYSKVFSNK	1
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	*	4.96	*	*	*	5	1	RHTVRDK	5
							3	VLC[339]NGGSSSHSTGEVVVTM[147]EPEVPIKKLETM[147]VK	1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	*	2.91	*	*	*	1	2	QRPVARSK	1
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (CaI-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	0.00	7.57	*	*	*	3	3	M[147]LLKRGCC[330]NVNSTSSAGNTALHVAVMR	1
							3	VLLLC[339]NARC[330]NIM[147]GPNGYPIHSAM[147]K	1
							3	NAEMARMLLKR	1
							3	MLLKRGCC[330]NVNSTSSAGNTALHVAVMR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	*	3.38	*	*	*	1	2	AYHLAC[330]KEEKLAMTR	1
PADI2_HUMAN (Q9Y2J8) Protein-arginine deiminase type-2 (EC 3.5.3.15) (Protein-arginine deiminase type II) (Peptidylarginine deiminase II) (PAD-H19) [MASS=75563]	*	5.86	*	*	*	2	2	DGHGEAIMFKGLGGMSSKR	1
							2	ASWTWGPEGQGAILLVNC[339]DR	1
PANK3_HUMAN (Q9H999) Pantothenate kinase 3 (EC 2.7.1.33) (Pantothenic acid kinase 3) (hPanK3) [MASS=41094]	*	9.19	*	*	*	1	3	RVTGTSLGGGTFLGLCC[330]SLLTGC[339]ESFEEALEMASK	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	3.12	0.03	2	1	3	SLLHM[147]ISNDIGQLACC[330]LHAR	1
							3	SLLHMISNDIGQLACC[339]LHAR	1

PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenyltransferase (EC 2.7.7.4) (Sulfate adenylate transferase) (SAT) (ATP-sulfuryl [MASS=70833]	0.00	5.29	*	*	*	2	2	M[147]VAGANFYIVGRDPAGMPHPETGK	1
							2	NLGFSPEDR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	8.47	0.80	0.00	2	1	2	VTVAGLAGKDPVQC[339]SR	1
							2	VTVAGLAGKDPVQC[330]SR	1
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	0.00	2.92	0.50	0.00	1	1	2	M[147]GQHSLVAC[330]SGNLNKAK	1
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	10.02	2.72	0.00	1	3	2	QLRVSHGC[339]VSKILC[339]R	1
							3	TTFTAEQLEELER	1
							3	ILC[330]RYQETGSIRPGAIGGSK	1
PAX8_HUMAN (Q06710) Paired box protein Pax-8 [MASS=48118]	*	2.67	*	*	*	1	2	RKMDDSDQDSC[339]R	1
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	*	4.40	*	*	*	1	3	PGSQLDSM[147]LGSLQSDLNKLGVATVAK	1
PCBP2_HUMAN (Q15366) Poly(rC)-binding protein 2 (Alpha-CP2) (hnRNP-E2) [MASS=38580]	0.31	4.38	0.31	0.00	1	1	2	AITIAGIPQSIIEC[330]VK	1
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	*	14.84	*	*	*	3	3	ISLLLDPGSFVESDM[147]FVEHRC[330]ADFGMAADKNK	1
							3	VTVITRKAYGGAYDVM[147]SSK	1
							3	GRINGRLVYVFSQDFTVFGGSLSGAHAQK	1
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	*	2.84	*	*	*	1	3	PEININLMSPGKEEISYIFEGDPIDTFVALVR	1
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	*	2.53	*	*	*	1	3	VIILDVNDNTPVITAPPLINGTAEVYIPR	1
PCDA1_HUMAN (Q9Y513) Protocadherin alpha 1 precursor (PCDH-alpha1) [MASS=102951]	*	2.21	*	*	*	1	3	SYEIQVKAVDKGSPPMNSHC[339]K	1
PCDG5_HUMAN (Q9Y5G8) Protocadherin gamma A5 precursor (PCDH-gamma-A5) [MASS=100934]	0.00	4.83	*	*	*	2	3	ISETFQLDSNLGEISTLQSLDYEESR	1
							2	MKIYGVEVEIIDINDNFR	1
PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	0.00	1.68	*	*	*	1	3	TAAGVMPSAPAIPGTNMYNTER	2

PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	2.91	*	*	*	9	2	AVLPTKLEK	1
							3	RSQEVTDFLAPLQSSSRLLHSYVK	1
							2	PSQSFPTGEKVTDFSKAIPR	1
							3	EQEKIMVQKK	1
							3	VMSDGPVKPEGAKPPNHR	1
							2	PTGLSLTSSM[147]TLNLVTSADYK	1
							2	AEEDPM[147]EDPYELKLLKHQIK	1
							2	PPIAPKPVIPQLPTTTQK	1
							1	AIPRPASDSK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	*	1.92	*	*	*	4	2	LLKHHLQK	1
							2	SQLSELQKDAAEK	1
							3	C[330]IAGDLQKTLSEEQEKANSVQK	1
							2	QVLMQEEEEIKRLEEM[147]NINIR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	4.44	*	*	*	3	2	NC[339]LKC[330]HPSC[330]KK	1
							2	SIPLVQVLR	1
							3	IGGIRM[147]LDGDVTDVVEAKSLGIR	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	0.00	2.18	3.83	0.00	1	1	2	LVC[339]SGLLQASK	1
PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	*	1.58	*	*	*	1	1	NRVM[147]MVAK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	1.27	*	*	*	1	3	NSIPGGPSGEDHLYFTPRPATRYSMPAQFSSHFR	1
PE2R2_HUMAN (P43116) Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype) [MASS=39760]	0.00	7.54	0.94	0.00	1	1	3	AC[330]TYFAFAMTFFSLATMLMLFAM[147]ALER	1

PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609])	0.99	4.18	0.90	0.00	1	1	2	LHAVNAEEC[330]NVLQGR	1
PEPL1_HUMAN (Q8NDH3) Probable aminopeptidase NPEPL1 (EC 3.4.11.-) (Aminopeptidase-like 1) [MASS=55861]	0.00	5.54	0.19	0.00	1	2	1 TTM[147]PGM[147]KR 3 DC[330]GGAAAVLGAFRRAAIKQGFK	1 1	
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	15.02	1.26	0.00	2	2	2 YADLTEDQLPSC[330]ESLKDTIAR 2 YADLTEDQLPSC[339]ESLKDTIAR 2 ALPFWNEEIVPQIKEGK	1 1 1	
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	*	0.64	*	*	*	2	2 AGFFGDAMKATATSC[339]R 2 PLPC[339]GPQEAAC[330]R	1 1	
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.88	6.15	0.87	0.27	2	4	2 AVLGSPRVK 3 IAGDAPLQGVGGALTI PC[330]HVHYLRPPPSR 1 PPPSRR	1 1 2	
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	15.14	0.91	0.02	2	4	2 WEAPQISC[330]VPR 2 AC[330]ANPAAGSVILLENLR 3 IKA AVPSIKFC[339]LDNGAK 2 DVLFLKDC[330]VGPEVEK 3 ELNYFAKALES PER	1 1 1 1	
PGTB_HUMAN (P53611) Geranylgeranyl transferase type-2 subunit beta (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit beta) (Rab geranylgeranyltransferase subunit beta) (Rab geranyl-geranyltransferase subunit beta) (Rab GG transferase beta) (Rab G [MASS=36924])	0.44	5.44	0.43	0.00	1	1	2 AIEFVLSC[330]M[147]NFDGGFGC[330]R	1	

PHLA1_HUMAN (Q8WV24) Pleckstrin homology-like domain family A member 1 (T-cell death-associated gene 51 protein) (Apoptosis-associated nuclear protein) (Proline- and histidine-rich protein) (Proline- and glutamine-rich protein) (PQ-rich protein) [MASS=29524]	0.00	7.34	0.63	0.00	1	1	2	C[330]PQDQGWNAEITLQM[147]VQYK	1
PHLPP_HUMAN (O60346) PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	0.00	3.44	5.59	0.00	1	3	3	C[339]VPLLTGHPHLK	1
							3	AIDSPGGAVREGSC[330]EEKAAAAVAPGGLQSTPGR	1
							3	LLAGHNQLARLPER	1
PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	0.95	3.64	0.89	0.00	1	1	2	THC[339]GNM[147]LQPYLK	1
PI3R4_HUMAN (Q99570) Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	0.00	3.02	0.73	0.00	1	2	2	IRLNSAQNC[339]LPFQKASEK	1
							2	LLSQGM[147]TEEEEDKLLALKDFMMK	1
PI52A_HUMAN (P48426) Phosphatidylinositol-4-phosphate 5-kinase type-2 alpha (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type II alpha) (1-phosphatidylinositol-4-phosphate 5-kinase 2-alpha) (PtdIns(4)P-5-kinase isoform 2-alpha) (PIP5KII-alpha) [MASS=46224]	*	4.19	*	*	*	1	3	EVYFMAIIDILTHYDAK	1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]	*	4.84	*	*	*	2	2	VSIQFERALLK	1
							2	MFSRTLTEPC[339]PLASESR	1
PIN1_HUMAN (Q13526) Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Rotamase Pin1) (PPlase Pin1) [MASS=18243]	*	4.29	*	*	*	1	1	MSRSSGR	1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.32	1.18	0.39	0.00	1	1	2	KIANNC[330]IFIVIHR	1
PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	0.21	1.86	0.54	0.00	1	2	3 3	LSC[330]C[339]LAMLLSLLC[339]NIM[147]FFNLNR QPVYEESDEVEAM[147]TYLC[330]R	1 1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	0.00	8.69	0.24	0.00	1	5	2 2 3 3 3	SLSPSESSASPVPSTQQLTEGSHFMC[330]V TYYFC[330]TDTGKEM[147]ELWM[147]K M[147]TVEEQMERIRR KTENISYEMLFEPENGVNSVEM[147]MDK TLSQDEGRGTYK	1 1 1 1 1
PKHB1_HUMAN (Q9UF11) Pleckstrin homology domain-containing family B member 1 (Pleckstrin homology domain retinal protein 1) (PH domain-containing protein in retina 1) (PHRET1) [MASS=27186]	0.37	5.76	0.64	0.00	1	1	2	IGPEC[339]HDVQPPEGR	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	0.00	2.53	1.00	0.00	1	5	2 2 2 2 3	PFQGRAQITLYGSSYSTPFFPYGVK QKQM[147]GFANM[147]SVVLQQFAVMPR DM[147]GARVIVQSFPEEPSQVQLK C[330]TYQFLMQGFIC[339]K RWELMVSNTTFVNFDLINC[339]VAIR	1 1 1 1 1
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	*	10.04	*	*	*	4	3 3 3 2	QQVYQLGGIC[330]KLVDLLR DATLEAC[330]AGALQNLTASKGLMSSGMSQLIGLKEK RQNGIREAVSLLR C[339]PVRPPSC[339]ASK	1 1 1 1
PLAP_HUMAN (Q9Y263) Phospholipase A-2-activating protein (PLAP) (PLA2P) [MASS=87157]	0.00	10.69	1.77	0.00	1	3	3 2 3	PANQLLALRTFC[330]NC[330]FVGQAGQKLM[147]MSQR ILSLIC[339]NSSSEKPTVQQLQILWK C[330]M[147]M[147]TLQGHTAAVWAVKILPEQGLM[147]LTGSADKTVK	1 1 1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	0.00	5.93	2.05	0.00	1	5	2 2 2 2 2	GQLSPEGMVWFLC[339]GPENSVLAQDK VKAYLSQGER TKLSPSTNSINPVWK SFLM[147]SLC[330]PR NFFQM[147]FPADRKR	1 1 1 1 1

PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	*	2.13	*	*	*	5	2	LKAGVAAPATQVAQVTLQSVQRR	1
							2	VPLDEALQR	1
							3	DLGVTRLLDPEDVDVPQPDEK	1
							3	GIYQSLEGAVQAGQLKVPVPPGYHPLDVEK	1
							2	GLFDEEM[147]NEILTDPSDDTK	1
PLOD3_HUMAN (O60568) Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	*	1.08	*	*	*	1	2	PDEQPSLR	1
PLP2_HUMAN (Q04941) Proteolipid protein 2 (Intestinal membrane A4 protein) (Differentiation-dependent protein A4) (Proteolipid protein 2) [MASS=16691]	*	13.82	*	*	*	1	3	MADSERLSAPGC[339]WAAC[330]TNFSR	1
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	*	1.37	*	*	*	2	3	YM[147]FDLDEQADK	1
							3	IRKILVDLSNPGGR	2
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	*	4.65	*	*	*	5	3	SPSYIVC[330]NTTSSDEVLEMK	1
							3	DLEVPGYRQERVEK	2
							2	QRSFVTFR	1
							2	QPC[330]LFHRRSPSYIVC[339]NTTSSDEVLEM[147]K	1
							3	GLKLFAQLINNKVFLSFIR	1
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	*	2.20	*	*	*	2	3	QALRDYQKVLVQLESLETGVGDQC[339]R	1
							2	VLVQLESLETGVGDQC[339]R	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	1.25	*	*	*	2	2	AIEPLSGPLDGGTLLTIR	1
							1	PPLAVK	1
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	*	1.62	*	*	*	1	3	VVPLDFSM[147]SSLAKR	1
PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.00	5.00	*	*	*	1	2	VFSQTTIC[339]RFEALQLSFK	1
POK10_HUMAN (P10266) HERV-K_5q33.3 provirus ancestral Pol protein (HERV-K10 Pol protein) (HERV-K107 Pol protein) [Includes: Reverse transcriptase (RT) (EC 2.7.7.49); Ribonuclease H (EC 3.1.26.4) (RNase H); Integrase (IN)] [MASS=114826]	*	4.04	*	*	*	2	2	EIKLVEEKIQSAQINR	1
							2	DKLIDC[330]YTFLQAEVANAGLAIASDK	1

PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	*	6.36	*	*	*	1	2	LLEVQGSRPGKNVQLTENEIR	1
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	0.82	4.53	1.44	0.00	1	1	2	NVVTIFSAPNYC[339]YR	1
PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	0.00	5.76	0.84	0.00	1	2	2 3	HLTEYFTFKQEC[339]K GLTPTGM[147]LPSGVLSSGGK	1 1
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUC1) [MASS=49903]	0.00	4.54	2.73	0.00	1	1	3	C[339]QYC[339]RFQKC[339]LALGM[147]SHNAIR	1
PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	*	17.04	*	*	*	4	3 3 3 3	EVEDIEKYLEQVNADLPC[330]EIEREILALK YLAAAFPSAC[339]GKTNLAM[147]MNPSPGKWK GRTMYVIPFSM[147]GPLGSPLSKIGIELDSPYVVASM[147]JR DTVPIPKTGLSQLGR	1 1 1 1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	42.68	0.69	0.21	3	4	3 2 2 2	HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK IIPGFMC[330]QGGDFTR KITIADC[330]GQLE ALSTGEKGFYKGGSC[339]FHR	1 1 1 1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPlase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	*	4.34	*	*	*	1	2	LQPIALSC[339]VLNIGAC[330]K	1
PPIP1_HUMAN (O43586) Proline-serine-threonine phosphatase-interacting protein 1 (PEST phosphatase-interacting protein 1) (CD2-binding protein 1) (H-PIP) [MASS=47591]	*	2.88	*	*	*	1	1	ISANGHQKQVEK	1
PRA10_HUMAN (O60809) PRAME family member 10 (Fragment) [MASS=53385]	*	5.88	*	*	*	2	1 2	FAPYLSQMSNLR EVFPLMFM[147]EAFSM[147]RR	1 1

PRA12_HUMAN (O95522) PRAME family member DJ1198H6.2 [MASS=54663]	*	2.28	*	*	*	1	2	QRKGLLHVC[339]C[330]K	1
PRAM4_HUMAN (O60810) PRAME family member 4 [MASS=55466]	0.00	9.00	0.43	0.00	1	2	3	DQALAM[147]STLEELPTELPPLFM[147]EAFSRR	1
							2	RILFC[330]TDYC[330]PDC[330]GNR	1
							3	RSEVLAEEESIVC[339]LQKALNHLR	2
PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	*	5.48	*	*	*	2	2	FM[147]EYVAEQWEM[147]HR	1
PRD13_HUMAN (Q9H4Q3) PR domain zinc finger protein 13 (PR domain-containing protein 13) [MASS=75059]	0.00	5.16	4.71	0.00	1	2	3	C[339]LLAGDPPPPPPGLPC[339]SGALR	1
							2	TGHLC[330]LYC[330]GKLYSRK	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	1.06	*	*	*	2	3	QWTC[330]SVC[339]DKK	1
							1	QLGEHK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	9.77	1.75	0.02	2	1	2	YLVLFYPLDFTFVC[339]PTEIVAFSDK	1
							2	YLVLFYPLDFTFVC[330]PTEIVAFSDK	1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	0.00	9.81	0.28	0.00	1	1	3	GVQVVAC[330]LSVNDAFVTGEWGR	1
PRELP_HUMAN (P51888) Prolargin precursor (Proline-arginine-rich end leucine-rich repeat protein) [MASS=43810]	0.00	16.49	1.65	0.00	1	3	3	NLM[147]QLNLAHNILR	1
							2	IDQRVLEKLPGLVFLYMEK	1
							3	INGTQIC[339]PNDLVAFHDFSSDLENVPHLRYLR	1
PRI1_HUMAN (P49642) DNA primase small subunit (EC 2.7.7.-) (DNA primase 49 kDa subunit) (p49) [MASS=49902]	0.00	5.95	*	*	*	2	3	M[147]ETFDPTLPELLKLYYR	1
							2	SDLQKDF	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.38	9.04	0.85	0.00	1	3	2	ISLDQIDLLSTKSFPPC[330]M[147]R	1
							2	RWFIQQEM[147]DLLR	1
							3	DIKKEPIQPETPQPK	1
PROF4_HUMAN (Q8NHR9) Profilin-4 (Profilin IV) [MASS=14319]	0.00	13.18	0.92	0.00	1	1	2	SLC[339]VASPGFNVTPSDVR	1

PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	*	1.80	*	*	*	1	1	KAARLVAAK	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	0.00	3.39	0.73	0.00	1	1	2	LEVSSSC[330]GPQC[330]HK	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	0.00	1.24	0.95	0.00	1	1	2	VASGYLLMLAYAC[339]LTMLR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	*	4.63	*	*	*	4	2	EQGPPEEGSGSHEVPQLPQYHHK	1
							2	IREVVPEENR	1
							3	SLHLPMARRNTRLR	1
							2	MPFGLKLR	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	*	4.53	*	*	*	2	3	YSREGGAALANALRR	1
							3	GRQLPGRLGC[330]LLEEGLC[330]GASEAC[330]VNDGVFGR	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	0.00	1.11	0.72	0.00	1	1	2	SGM[147]FC[330]AIGIVVEM[147]VKR	1
PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	*	0.83	*	*	*	1	2	QEMTMVNSM[147]DK	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.89	2.33	0.43	0.00	1	3	2	KYPTC[330]NSPK	1
							3	VISTPPTPIFISDDVGAIIK	1
							3	ITFHWGKC[339]NM[147]SSDGSEHSLEGQK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	2.69	0.15	1.40	2	3	3	RIVLDDREC[330]PVR	2
							2	WASVRVGPALM[147]LR	1
							2	DSL SMAAR	1

PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	*	4.99	*	*	*	2	2	IGEEFLDLSQLKK	1
							3	TC[330]AYTNHTVLPEALERWPVSM[147]FEKLLPR	2
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	4.40	*	*	*	5	2	ALRM[147]VDENC[339]VGF DHTVK	1
							3	NERPDGVLLTFGGQTALNC[339]GVELTK	1
							1	MKRIIAHAQLLEQHR	1
							2	VHVDC[330]M[147]TSQKLVR	1
							3	KWPQGA VPQLPPSAPATSEM TTTPERPR	1
PZP_HUMAN (P20742) Pregnancy zone protein precursor [MASS=163835]	0.57	2.56	2.74	0.00	1	3	2	M[147]LERSSSVSR	1
							1	EILNSLDK	1
							2	TFSSM[147]TJC[339]ASGANVSEQLSLK	1
RA6I1_HUMAN (Q6IQ26) Rab6-interacting protein 1 (Rab6IP1) [MASS=147094]	*	4.12	*	*	*	3	2	DPVLRVFDSRVDK	1
							2	RKSDASSLM[147]PPLR	1
							3	YPENVEWNPFDQDAVGM[147]LC[330]M[147]PKGLAFK	1
RAB38_HUMAN (P57729) Ras-related protein Rab-38 (Antigen NY-MEL-1) [MASS=23712]	0.00	9.00	1.34	0.00	1	1	3	MDQFC[339]KEHG FVGWFETSAK	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	12.50	0.70	0.10	2	2	2	HHC[330]PNTPIILVGTK	1
							2	AVLC[330]PPPVKK	1
RAD9B_HUMAN (Q6WBX8) Cell cycle checkpoint control protein RAD9B homolog (RAD9 homolog B) (hRAD9B) [MASS=46392]	*	10.63	*	*	*	2	3	AVQALSRSIDDEFWLDPSK	1
							3	PLALSIDDM[147]LVEANFILATLADEQSR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	4.70	0.36	0.00	1	2	3	SISC[330]QIC[339]EHILADPVETNC[339]KHFVC[330]R	1
							3	AFADKEEGDVKSVC[339]M[147]TLFLLALR	1
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.22	5.00	2.06	0.00	1	3	1	EVEVAKLEK	1
							2	M[147]HLLYAVQGQM[147]DEDVQKVLK	1
							3	TALMLAC[330]EIGSSNAVEALIK	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	4.62	*	*	*	5	3	PESVSTC[330]SVTSPDDMSTK	1
							2	SAFM[147]APVPTKKR	1
							3	RRQQQVLPDPAEPEIR	1
							3	RKSAFMAPVPTK	1
							3	M[147]C[330]TRSLTALSEPRTGPPGLTTTPAPPK	1

RAPSN_HUMAN (Q13702) 43 kDa receptor-associated protein of the synapse (RAPsyn) (Acetylcholine receptor-associated 43 kDa protein) (43 kDa postsynaptic protein) [MASS=46197]	*	19.46	*	*	*	4	2	VC[330]C[330]SLGSFYAQVKDYEK	1
							3	AM[147]SQYHM[147]AVAYRLLGRLGSAM[147]EC[339]C[330]EESMK	1
							3	LGSAMEC[330]C[330]EESMKIALQHGD	1
							3	YAHNDDAM[147]LEC[339]R	1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	14.02	0.25	0.00	1	2	2	EEEEEREIILKLTM[147]K	1
							3	ILHGPC[330]EKIARIFLMEADLGVEVPHEVAQYIK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	*	2.01	*	*	*	1	2	SDHGGC[339]ELASVLQLNPC[330]R	1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	0.00	2.63	0.61	0.00	1	2	3	GDLIQFYNNIYKQIK	1
							2	DSKPSSDPPC[330]IIEK	1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	0.00	11.42	0.35	0.00	1	2	3	AAAM[147]LPTVGEYGYGPESELSQASAATR	1
							3	TAPGM[147]GDQSGC[330]YR	1
RBM4_HUMAN	0.00	7.69	*	*	*	1	2	ATAPVPTVGEYGYGHESELSQASAAAR	1
RBP2_HUMAN (P49792) Ran-binding protein 2 (RanBP2) (Nuclear pore complex protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270) [MASS=358197]	0.00	0.53	0.42	0.00	1	1	2	HGLQPALLVHWAEC[330]LQK	1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	0.00	3.29	1.52	0.00	1	1	2	RFFC[339]PPPC[339]VYLSGPGWR	1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	*	1.81	*	*	*	1	2	PVQATLSSLK	1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	*	3.54	*	*	*	1	3	FVIHHSMSKSMENYYQESGRAGR	1

RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	*	5.65	*	*	*	2	3	EAC[330]EQLAIELSC[339]RGNVNAKAYHAGLK SRLGHAPC[339]VALTATATPQVQEDVFAALHLKK	1 1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.59	3.11	*	*	*	1	3	GQAAQAALQELFDIQMPGHAPGR	1
REL1_HUMAN (P04808) Prorelaxin H1 precursor [Contains: Relaxin B chain; Relaxin A chain] [MASS=21146]	0.00	7.57	2.27	0.00	1	1	2	AQIAIC[339]GMSTWSKR	1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	*	3.07	*	*	*	3	2 2 2	MPAERKK LC[339]NSLEESIRQVQDLEREFLLIK TSVLLEQM[147]MR	1 1 1
RGS14_HUMAN (O43566) Regulator of G-protein signaling 14 (RGS14) [MASS=64600]	*	2.36	*	*	*	1	3	ATHPPPASPSSLVK	1
RGS3_HUMAN (P49796) Regulator of G-protein signaling 3 (RGS3) (RGP3) [MASS=132335]	0.00	3.51	1.42	0.00	1	2	2 3	NESPGAPPAGKADKM[147]MK ASQSRQSGLLIGC[339]MSFGVKSLLTDPDK	1 1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.92	18.65	1.84	0.00	1	2	1 3	ELAKMK LRPLSYPDTDVILMC[339]FSIDSPDSLENIPEK	1 1
RHOG_HUMAN (P84095) Rho-related GTP-binding protein RhoG precursor [MASS=21308]	*	6.28	*	*	*	1	2	AVLNPTPIKGR	1
RHPN1_HUMAN (Q8TCX5) Rhophilin-1 (GTP-Rho-binding protein 1) [MASS=76292]	0.00	10.22	0.68	0.00	1	4	3 3 2 2	EDDFC[330]EAAEAPDIQPKTHQK TGGC[330]PQPC[330]APVKPAPPSSLKHGWP AVISQTLQR GSVLFNIGALHTQIGAR	1 1 1 1
RIMS3_HUMAN (Q9UJD0) Regulating synaptic membrane exocytosis protein 3 (Nim3) (Rab-3-interacting molecule 3) (RIM 3) (RIM3 gamma) [MASS=32796]	*	14.29	*	*	*	2	3 2	MDHKC[330]FM[147]GMAQIM[147]LDELDSAAVTGWYK STETGIAVEM[147]RSRVTR	1 1

RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	7.39	2.32	0.00	1	2	3	QPGC[339]LLEQLVLYDIYWSEEM[147]EDR 2 VNPALAEINLR	1 1
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	0.00	2.15	1.65	0.00	1	1	2	EAC[339]IVLNLNVGSAALLK	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	0.00	7.75	2.14	0.00	1	2	3	M[147]LTRGIITEINGC[339]ISTGKEANVYHASTANGESR 3 DC[339]ANVNDFFM[147]R	2 1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	0.00	4.74	0.64	0.00	1	1	3	KSVNM[147]TEC[330]VPVPSEHVAEIVGR	1
RL14_HUMAN (P50914) 60S ribosomal protein L14 (CAG-ISL 7) [MASS=23158]	0.00	5.66	2.01	0.00	1	1	3	ALVDGPC[339]TQVRR	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.98	4.55	1.02	0.00	1	1	2	C[330]HTPPLYR	1
RL27A_HUMAN (P46776) 60S ribosomal protein L27a [MASS=16430]	0.00	8.16	1.09	0.00	1	1	2	NQSFC[339]PTVNLDK	1
RL30_HUMAN (P62888) 60S ribosomal protein L30 [MASS=12653]	*	26.32	*	*	*	1	3	SEIEYYAMLAKTGVHHYSGNIELGTAC[339]GK	1
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	*	1.49	*	*	*	1	1	DFSSMK	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.99	3.52	1.90	0.00	1	1	2	RGPC[339]IINYEDNGIIK	1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	0.54	7.29	0.96	0.00	1	1	2	M[147]RPGVAC[339]SVSQAQK	1
RN5A_HUMAN (Q05823) 2-5A-dependent ribonuclease (EC 3.1.26.-) (2-5A-dependent RNase) (Ribonuclease L) (RNase L) (Ribonuclease 4) [MASS=83532]	0.00	4.18	0.95	0.00	1	1	3	LLKLFLSKGADVNEC[339]DFYGFATFMEAAVYGK	1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	0.00	5.82	0.86	0.00	1	2	2	ISSDMPVSLRDALVFM[147]ELAK 3 YNNKKELSC[330]YDTYPPEK	1 1
ROBO3_HUMAN (Q96MS0) Roundabout homolog 3 precursor (Roundabout-like protein 3) [MASS=148208]	0.00	1.01	2.16	0.00	1	1	2	RARPDEGVYTC[339]VAR	1

RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.11	*	*	*	2	2	SIIFNQDGTM[147]TVEMK	1
							2	YC[330]KSTFENK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.04	*	*	*	4	2	GEVLGITRFLAKMK	1
							2	SGTNEDDLTMKLTEIIFLNDVIKK	1
							2	LPPPTILKPVTLWTGKQIFSVILR	1
							2	TTIINEIQYTM[147]VVNHGMSIDR	1
RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	*	7.24	*	*	*	5	2	HM[147]RQDQITNGMVNAISTGNWSLK	1
							2	VM[147]ISSNAEDAFLIKMLLR	1
							3	GVEKVILIQEQLSKNR	1
							2	NTYQC[339]AMGKQAM[147]GTIGYNQR	1
							1	FKMDR	1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	0.00	3.11	0.48	0.00	1	1	2	KPDAQSGPAGLVC[330]GDQRIQVAK	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	1.00	6.21	1.03	0.00	2	1	2	TATAVAHC[330]K	1
							2	TATAVAHC[339]K	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	0.97	14.33	2.09	0.00	1	2	3	SLEEIYLFSLPIKESEIIDFFLGASLKDEVLK	1
							2	IGKPHTVPC[339]K	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	0.99	13.31	0.94	0.00	1	2	2	AC[339]QSIYPLHDFVFR	1
							3	NC[330]LTNFHGM[147]DLTRDKM[147]C[330]SM[147]VK	1
RS4X_HUMAN (P62701) 40S ribosomal protein S4, X isoform (Single copy abundant mRNA protein) (SCR10) [MASS=29466]	0.82	12.21	2.42	0.00	1	2	2	FDTGNLC[339]M[147]VTGGANLGR	1
							3	LTGVFAPRPSTGPHK	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	0.00	3.42	1.75	0.00	1	3	2	YSSNDESESGSEK	1
							2	VLQAPPPDVGNGEVPK	1
							3	YLIKIC[339]QEFNSTWAWEMEK	1
RSPO4_HUMAN (Q2I0M5) R-spondin-4 precursor (Roof plate-specific spondin-4) (hRspo4) [MASS=26171]	0.00	9.40	2.56	0.00	1	1	3	MRAPLC[339]LLLLVAHAVDMLALNR	1
RTC1_HUMAN (O00442) RNA 3'-terminal phosphate cyclase (EC 6.5.1.4) (RNA-3'-phosphate cyclase) (RNA cyclase) [MASS=39337]	0.00	5.19	0.62	0.00	1	1	2	VSTALSC[330]LLGLPLRVQKIR	1

RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	*	1.72	*	*	*	1	2	NPIFEFPGSLSAASHLNC[330]RLNGQAVK	1
RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel) [MASS=565172]	*	0.12	*	*	*	1	1	NTYVEK	1
RYR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RYR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRYR-2) [MASS=564495]	*	2.15	*	*	*	5	3	FLPPPGYAPC[330]YEAVLPKEKLLK	1
							3	TLLYGHAILLRHSYSGM[147]YLC[339]C[330]LSTSR	1
							3	C[339]APEM[147]HLIHAGKGEAIR	1
							3	FLLGGRHGFEKFLPPPGYAPC[330]YEAVLPK	1
							3	TVAGGLPGAGLFGPK	1
RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RYR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	0.00	5.11	0.52	0.00	1	12	2	RHGLPGVGLR	1
							3	IDGTMDSPPC[330]LKVTHKTFGTQNSNADMIYC[339]R	2
							2	KEGSLKHGPEVGLGDLSEIIGK	1
							3	SEDDDEPDMKC[339]DDMMTC[330]YLFHMYVGVR	1
							2	SDDPAVKWQLNLYKDVLK	1
							3	M[147]ELFVNFC[330]EDTIFEM[147]QLASQISESDSADR	1
							3	C[339]VDILELC[339]EQEDLMRFHYHTLR	1
							3	YNELM[147]QALNM[147]SAALTARK	1
							2	TSRLGPLKR	1
							3	ELISQTM[147]IC[339]WAQEDQIQDSELVRMM[147]FNLLR	1
S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	*	1.90	*	*	*	1	2	FGWIKGVLVRC[339]MLNIWGVMLFIR	1
							2		
S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	0.00	6.86	0.78	0.00	1	3	3	KGKC[330]PSSLYM[147]AWLETLSQDLR	1
							3	AQVLFFLVIM[147]VSFANYLVGTLIPPSEDKASK	1
							2	C[330]PSSLYMAWLETLSQDLR	1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	*	1.94	*	*	*	1	3	GIDYYDRNLALFEEELDIRPK	1

S12A6_HUMAN (Q9UHW9) Solute carrier family 12 member 6 (Electroneutral potassium-chloride cotransporter 3) (K-Cl cotransporter 3) [MASS=127616]	0.00	3.83	0.33	0.00	1	3	2	SMEGFQDLLNMRPDQSNVRR	1
							2	YM[147]ASRGQKAK	1
							2	VKGFC[330]QLVVAALKR	1
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	5.73	1.27	0.00	1	2	3	RFPTC[339]PLIPM[147]FVGSDTVSEFK	1
							3	IIEVVEANYPETLGRLLILR	1
S23A1_HUMAN (Q9UHI7) Solute carrier family 23 member 1 (Sodium-dependent vitamin C transporter 1) (hSVCT1) (Na(+)/L-ascorbic acid transporter 1) (Yolk sac permease-like molecule 3) [MASS=64815]	0.00	4.85	0.90	0.00	1	1	3	MFPIM[147]LAIM[147]TVWLLC[339]YVLTLDVLPDTPK	1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	*	5.57	*	*	*	1	3	FC[339]SGDLGPEGILPDTHLLDPLLKEASTAPLAQIPSK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	9.33	*	*	*	3	3	FDGYLNQGANNK	1
							3	DPLFYLDAQKGRYVPLDQEAYSR	1
							2	YLLNQPPREAENQHQRVLMALGNGLR	1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	0.00	6.21	3.61	0.00	1	4	2	C[339]VNGPLQEAAR	1
							3	LLGFSPGWGEVSALAC[339]PMLR	1
							2	IFNKLTQLISLEGYEK	1
							3	SLYDFSFSFLTSSFYSEDEFVAYLEASR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	12.79	0.86	0.30	2	3	3	LTGSYNTM[147]VGNNEGSMVLGLKLPNLLGR	1
							2	THFFLNAGNLC[339]NLNYGEGPK	1
							2	IC[330]DGVQFGAGIR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	0.00	3.59	2.11	0.00	1	1	3	LES LC[339]LSM[147]TEHALGDGVDR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	11.26	2.41	0.04	8	4	2	TEKEILDAFDK	1
							1	GC[339]SFLPDPYQK	1
							3	QC[339]DQFVAEYEPVLIIEILVEVM[147]DPSFVC[339]LK	2
							3	QC[330]DQFVAEYEPVLIIEILVEVMDPSFVC[330]LK	1
							2	SLPC[339]DIC[339]K	1
							2	GC[339]SFLPDPYQK	2
							2	GC[330]SFLPDPYQK	1

SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	6.77	0.37	0.37	3	2	2	C[339]IEENNGVDKR	1
							2	M[147]IILPLVVC[330]SLVSGAASLDASC[330]LGR	1
							2	C[330]IEENNGVDKR	1
SC10A_HUMAN (Q9Y5Y9) Sodium channel protein type 10 subunit alpha (Sodium channel protein type X subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.8) (Peripheral nerve sodium channel 3) (hPN3) [MASS=220564]	*	1.48	*	*	*	2	2	ALRTLRLR	1
							2	C[330]INYTDGEFSLVPLSIVNNK	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	0.00	5.75	0.64	0.20	2	5	3	GDQGDQNDLENGPHSPLQTLTLC[339]NGDLSSFGVAK	1
							2	FRR AFC[330]FVR	1
							1	VHC[330]D	1
							3	PNKYQFLVM[147]DLPM[147]VSEDLHC[330]MDILFAFTAR	1
							2	TFASSMLC[330]LFQISTSAGWDSLLSPM[147]LR	1
SC5A1_HUMAN (P13866) Sodium/glucose cotransporter 1 (Na ⁺)/glucose cotransporter 1 (High affinity sodium-glucose cotransporter) [MASS=73498]	0.00	6.33	0.23	0.00	1	2	2	LM[147]PM[147]FIMVMPGM[147]ISRILYTEK	1
							2	VGC[330]TNIAYPTLVVELM[147]PNGLR	1
SC5A3_HUMAN (P53794) Sodium/myo-inositol cotransporter (Na ⁺)/myo-inositol cotransporter) [MASS=79693]	0.00	2.23	0.42	0.00	1	1	2	C[330]SENNETINHIIPNGK	1
SCAR3_HUMAN (Q6AZY7) Scavenger receptor class A member 3 (Cellular stress response gene protein) [MASS=65136]	*	2.48	*	*	*	1	3	GDM[147]GVKGPVGGRGPK	1
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	0.00	3.92	1.60	0.00	1	4	2	EEEFQQMLEK	1
							3	EC[339]VC[330]KIALDC[339]NLPR	1
							3	GEAGDAGPTMGLMPISPSDTAWPPAPPPGQTVRPGVK	1
							2	GFC[339]VDDFTFLR	1
SCN8A_HUMAN (Q9UQD0) Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.6) [MASS=225279]	0.00	2.07	0.23	0.00	1	3	3	EC[339]VC[330]KINQDC[330]ELPR	1
							2	LLPEATTEVEIKK	1
							3	ANC[330]IANHTGADIHR	1

SCOT2_HUMAN (Q9BYC2) Succinyl-CoA:3-ketoacid-coenzyme A transferase 2, mitochondrial precursor (EC 2.8.3.5) (Testis-specific succinyl CoA:3-oxoacid CoA-transferase) (SCOT-t) [MASS=56140]	*	1.74	*	*	*	1	2	DNTPKIM[147]EK	1
							3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
							3	GGHVDLTM[147]LGAMQVSKYGDLANWMIPGKM[147]VK	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	16.54	1.33	0.11	10	5	1	C[339]TLPLTGK	1
							2	STGC[330]DFAVSPK	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	3
							2	NFNLPM[147]C[339]K	1
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	10.69	0.31	0.00	1	2	3	WAAGALGVAGLLC[330]AVLGAVMIVMVPSLIK	2
							3	EIPIPFYLSVYFFDVM[147]NPSEILKGEKPQVR	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	3.86	0.73	0.00	1	1	2	SSPC[330]IHIFTGTPDPSR	1
SEHL2_HUMAN (Q9NQF3) Serine hydrolase-like protein 2 (EC 3.1.-.-) [MASS=22471]	0.00	5.42	0.75	0.00	1	1	2	IPSGSC[339]RPMSC[339]	1
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	*	2.84	*	*	*	1	3	STLSGAAMEPAPRWLAGLR	1
SELS_HUMAN (Q9BQE4) Selenoprotein S (VCP-interacting membrane protein) [MASS=21116]	0.00	11.11	0.69	0.00	1	1	2	GGGYNPLSGEGGGAC[330]SWRPGR	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	*	3.64	*	*	*	1	3	PRPGPGQPTASPFLLLLAVLSGPVSGR	1
SEM4G_HUMAN (Q9NTN9) Semaphorin-4G precursor [MASS=91496]	*	4.18	*	*	*	2	3	ESKASAVGDDDKVYFFTER	1
							3	LHPLM[147]ARPVVPTRGR	1

SGTB_HUMAN (Q96EQ0) Small glutamine-rich tetratricopeptide repeat-containing protein B (Small glutamine-rich protein with tetratricopeptide repeats 2) [MASS=33429]	*	4.28	*	*	*	1	3	LGHYTDAIKDC[330]JEK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812])	1.00	6.76	0.29	0.33	7	2	2	ATPQHTVSFTC[330]ESHGFSPR	2
							3	ATPQHTVSFTC[330]ESHGFSPR	1
							3	ATPQHTVSFTC[339]ESHGFSPR	1
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							2	LTC[339]QVEHDGQPAVSK	1
							2	LTC[330]QVEHDGQPAVSK	1
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	*	1.94	*	*	*	2	2	LIDLESPTPESQK	1
							3	EKSKYPGAEISSM[147]GAIVWAVR	1
							3	ATPEHTVSFTC[330]ESHGFSPR	1
							3	GLQLTWLENGNVS	7
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	1.00	8.29	0.23	0.08	2	2			
							2	ATPEHTVSFTC[330]ESHGFSPR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	16.71	0.50	0.00	1	3	2	C[330]EDC[330]QSLVKPDIVFFGESLPAR	1
							2	DVAWLGEIC[330]DQGC[339]LALAEELGWKK	1
							3	RVIC[330]LVGAGISTSAIGIPDFR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	0.00	3.25	0.87	0.00	1	1	2	RQEEVC[339]DDPEELR	1
SKI_HUMAN (P12755) Ski oncogene (C-ski) [MASS=80005]	0.00	4.40	1.21	0.00	1	1	3	C[339]TADQLEILKVMGILPFSAPSC[339]GLITKTAER	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	0.00	2.41	2.45	0.00	1	2	3	C[339]AGPQDM[147]EGKLLLTTPAK	1
							2	NNRISC[330]IHNSFTGLRNVR	1
SLIT3_HUMAN (O75094) Slit homolog 3 protein precursor (Slit-3) (Multiple epidermal growth factor-like domains 5) [MASS=167685]	*	1.18	*	*	*	1	3	SRFSSEC[339]FM[147]DLVC[330]PEKC[339]R	1

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	7.27	*	*	*	4	2	GYEYC[339]R	3
							3	LFELLEKEILYYR	1
							3	C[339]C[330]NHPYLFDDGAEPGPPYTTDEHIVSNSGK	1
							3	NIPGPHM[147]VLVPKSTLHNWM[147]NEFK	1
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	6.33	0.17	0.12	2	2	2	RLC[330]GLKVEVDM[147]EK	2
							3	LWEIGKIIGGM[147]WR	1
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	*	8.99	*	*	*	2	3	TQPKPIC[339]ASDGRSYESMC[330]EYQR	1
							3	LLTPHLLLVQLSPAR	1
SMOC2_HUMAN (Q9H3U7) SPARC-related modular calcium-binding protein 2 precursor (Secreted modular calcium-binding protein 2) (SMOC-2) (Smooth muscle-associated protein 2) (SMAP-2) [MASS=49674]	0.00	3.36	*	*	*	1	2	C[330]VKKFVEYC[339]DVNNDK	1
SMOO_HUMAN (P53814) Smoothelin [MASS=99516]	*	6.22	*	*	*	3	3	SPLSAEELMTIEDEGLDKMLDQSTDFEERK	1
							2	SC[330]PQEEGPRGR	1
							2	C[330]VFTYVQSLYNHLRR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	*	1.29	*	*	*	1	2	AGGVGLNLSAASR	1
SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	0.00	4.67	0.26	0.00	1	1	2	EHSIEDLILLEEC[330]DANIR	2
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	12.42	0.90	0.02	2	2	2	AALC[339]HFIVDELNAK	1
							2	AIEIYEQVGANTM[147]DNPLLKYSK	1
							2	AALC[330]HFIVDELNAK	1

SNAT_HUMAN (Q16613) Serotonin N-acetyltransferase (EC 2.3.1.87) (Aralkylamine N acetyltransferase) (AA-NAT) (Serotonin acetylase) [MASS=23344]	0.00	6.76	0.52	0.00	1	1	2	LPPGIPESPSC[330]QRR	1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	*	5.39	*	*	*	4	3	SYTM[147]M[147]GNSGDSGLIPR	1
							3	DPIKISIPRYVLC[330]GQGK	1
							2	ERTKTFTYDFSFYADTK	1
							3	LQDLHRVISEGC[330]STSADTMK	1
SNX4_HUMAN (O95219) Sorting nexin-4 [MASS=51908]	0.00	3.78	0.86	0.00	1	2	2	YSEFELLR	1
							2	IASHPILC[330]R	1
SO5A1_HUMAN (Q9H2Y9) Solute carrier organic anion transporter family member 5A1 (Solute carrier family 21 member 15) (Organic anion transporter polypeptide-related protein 4) (OATP-RP4) (OATPRP4) [MASS=91878]	*	4.13	*	*	*	2	2	TYLNENGYAVSGKC[330]KR	1
							2	SC[330]PAFSTQGEFHEETGLQK	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	0.99	27.45	0.71	0.00	1	2	3	HVGD LGNVTADKDG VADVSIEDSVISLSGDHC[330]IIGR	1
							1	VWGSIK	1
SOM2_HUMAN (P01242) Growth hormone variant precursor (GH-V) (Placenta-specific growth hormone) (Growth hormone 2) [MASS=24999]	*	11.06	*	*	*	1	3	TGQIFNQSYSKFDTKSHND DALLK	1
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	0.00	2.80	1.43	0.00	1	4	2	C[339]VSVQTDPTDEIPTKK	1
							3	LTDLDKAQLLEIAK	1
							2	PLM[147]LASRRSMMM[147]SYAAER	1
							2	SM[147]M[147]SMGADRSMM[147]SSYSAADR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.67	10.10	0.73	0.00	1	1	3	C[330]LTQSGIAGGYKPFNLETC[330]R	1
							3	C[330]LTQSGIAGGYKPFNLETC[339]R	1
SORT_HUMAN (Q99523) Sortilin precursor (Neurotensin receptor 3) (NTR3) (NT3) (Glycoprotein 95) (Gp95) (100 kDa NT receptor) [MASS=92067]	0.00	7.58	*	*	*	3	2	TIGVKIYSFGLGGRFLFASVM[147]ADK	1
							3	TEFGMAIGPENSGKVVLTAEVSGGSRGGR	1
							2	FLFASVM[147]ADK	1
SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	*	1.62	*	*	*	1	2	C[330]SDVKHLEKILC[330]VLR	1

SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	0.00	3.29	0.60	0.00	1	1	2	EAM[147]LEMLLQHQC[330]K	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	4.22	*	*	*	1	2	SSGAAPAPASASAPAPVPGGEAERVR	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	*	6.23	*	*	*	2	3 3	ILNEEETSPQC[339]QMDRM[147]IVREMC[330]K M[147]C[330]KRNEFESVLALVAYYQM[147]EHR	1 1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	*	3.28	*	*	*	1	3	ELSQDSTGRVKR	1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	*	1.29	*	*	*	1	3	IGEERATAISLM[147]RK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	1.90	*	*	*	3	3 2 2	HASLM[147]KRWSQLLANSAAR EFSMMFK DVTGAEALLERHQEHRTEIDAR	1 1 1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.97	4.68	0.95	0.00	1	6	2 2 3 3 2 2	EKEQIYSSLDYGKDLTSVLILQR AVASEDMPELPEAEQLLQQHAGIK LWSYLQELLQSR EVSAQWDQLKDAAFC[330]KK IHC[330]LENVDK LWSYLQELLQSRR	1 1 1 1 1 1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.97	1.92	*	*	*	2	3 2	M[147]SSTLSPTDFDSLEIQGQYSDINNR DAAEAEAWMGEQELHM[147]M[147]GQEK	1 1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-) [MASS=49960]	*	6.44	*	*	*	2	2 3	YDGYTSC[330]PLVTGYNR ADLMPFLYWNMM[147]LR	1 2

SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	*	12.52	*	*	*	3	3	LPQLVDM[147]AAQIASGM[147]AYVERM[147]NYVHR	1
							2	ESETTKGAYC[330]LSVSDFDNAKGLNVK	1
							2	DLRAANILVGENLVLC[339]K	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.00	9.72	*	*	*	2	3	NFFEPTLLC[330]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
							2	NLRVGNNGFEETTQGPLINEK	1
SSR3_HUMAN (P32745) Somatostatin receptor type 3 (SS3R) (SSR-28) [MASS=45847]	0.00	4.07	0.65	0.00	1	1	2	GM[147]STC[330]HMQWPEPAAAWR	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	*	1.43	*	*	*	1	3	C[339]PVIGC[339]DGQGHISGK	1
STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciclin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [MASS=277027]	0.00	4.94	*	*	*	7	3	STVC[339]KYDGPQSHC[339]EC[330]K	1
							3	M[147]KDVNC[339]TC[330]K	1
							3	C[339]PDGYTM[147]ITSGSVGVRDC[330]R	1
							2	DLVGPGPFTVFAPLSAAFDEEARVK	1
							2	VLEIQKNRC[330]DNNDTTIIR	1
							3	SC[330]ALNLGVKC[330]PDGYTM[147]ITSGSVGVR	1
							2	GVKQKC[330]LYNLPEK	1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	*	1.38	*	*	*	1	3	TVYVYLEKFMTFQMSLR	1
STAR_HUMAN (P49675) Steroidogenic acute regulatory protein, mitochondrial precursor (Star) (StARD1) [MASS=31914]	0.00	7.02	1.18	0.00	1	1	2	GSTC[339]VLAGMATDFGNM[147]PEQK	1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	0.00	7.72	6.52	0.00	1	3	2	DC[339]KPGEGSVFTTGFK	1
							3	PGEKSVFTTGFKR	2
							3	IIDGRDLM[147]PLLEGKSQR	1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	0.00	5.92	1.40	0.00	1	1	2	AMHDYNAEM[147]KQRDNC[339]K	1

STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.41	0.57	0.31	5	4	2	M[147]LSSC[330]C[330]K	1
							2	YSTHLHLAEDC[330]MK	1
							2	YSTHLHLAEDC[339]M[147]K	1
							2	HYQGTVDKLC[330]R	2
							1	LAEQIATLC[330]ATLK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.94	9.50	5.60	0.00	1	2	2	ILAC[339]DDLDEAAR	1
							3	LYSLFLKYDATM[147]IEINPM[147]VEDSDGAVLC[339]M[147]DAK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.98	13.38	1.01	0.00	1	3	2	ESSPKQYM[147]QLGGR	1
							2	SM[147]FAGVPTMR	1
							2	LC[330]LISTFLEDGIR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	0.69	3.37	*	*	*	1	2	AAPILFASAALALGSSSLALKLPETR	1
							3	RLNNKVGGM[147]HETVLTVTGK	1
							3	GSLERANPPITHLGDEPK	1
							3	ELAEQGEPSSTLSLAEKLALFNK	1
							3	VQASKNPLKM[147]LAAR	6
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	5.60	*	*	*	7			
							3	SRTSM[147]VVLNVNKALIYLWHGC[330]K	1
							2	RLMLLQIK	1
							2	GRGAANDSTQFTVAGRM[147]VK	1
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	*	10.54	*	*	*	5	3	NAQVRGGYVLHIGTIYGLDKVGDQVWLFIDEPR	1
							2	ARGLEVTDDSPK	1
							2	QIWQNLGLDDTKILPGNMK	1
							3	LAQLKSQKGAGGEDLIMLDIYAIEELR	1
							3	C[339]LSVM[147]EAKVK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	0.99	3.06	1.12	0.00	1	2	2	VTVRFPPEASGYLHIGHAK	1
							3	YNVYPTYDFAC[339]PIVDSIEGVTHALR	1

SYFA_HUMAN (Q9Y285) Phenylalanyl-tRNA synthetase alpha chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase alpha chain) (PheRS) (CML33) [MASS=57432]	0.00	2.56	6.58	0.00	1	1	2	VNLQM[147]VYDSPLC[330]R	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	1.00	6.79	1.81	0.00	2	3	2 LHQNIC[339]R 3 DRYDSFIELQEKLHQNIC[339]R 2 TKEYTAC[339]ELMNIYK 2 LHQNIC[330]R	1 1 1 1	
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	0.67	4.82	0.79	0.00	1	3	2 FC[339]IISGNQLLMLDEDEIHPLLR 2 PSSGNLLQSPEPSYGPAP 2 LM[147]LVEEELRRDHPAM[147]AEPLPEPK	1 1 1	
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	1.00	6.72	1.86	0.03	2	3	3 VASVASTLETTTFETISTLSGVDLENGTC[330]SHPLIPDK 2 SC[339]QTALVEILDVIVR 2 TALAEAELEYNPEHVSR	1 1 1	
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	2.26	*	*	*	12	3 MATSRGASRC[339]PR 2 LQDM[147]YDELM[147]MIIGSR 2 LHKQWKDLQGEAPYHLLHLK 3 ASQLEKTGNDASKATLSR 3 YKSLQQTVLSHEPSVKSVR 2 ELGQTTWANLDHM[147]VGQLKILLK 2 TLEVLLKDMEK 2 HFKEDFDK 3 GLLQDALMQC[339]QGFHEM[147]SHGLLLMLENIDR 2 LYDLPAK 2 EM[147]FATM[147]SKLKEQLTK 3 VASLQDMSC[330]QLLVNAEGTDC[339]LEAK	1 1 1 1 1 1 1 1 1 1 1	
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	*	8.30	*	*	*	1	2 GLSDVKVATDPKEVLLLM[147]SAC[339]K	1	
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.49	0.05	4	2	2 LHQVYFDAPTC[339]R 3 LHQVYFDAPTC[330]R 2 LHQVYFDAPTC[330]R 2 EM[147]PVC[330]R	1 1 1 1	
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (Sytl) (p65) [MASS=47573]	0.88	2.13	0.55	0.00	1	1	2 LGDIC[330]FSLR	1	

SYW_HUMAN (P23381) Tryptophanyl-tRNA synthetase (EC 6.1.1.2) (Tryptophan--tRNA ligase) (TrpRS) (IFP53) (hWRS) [MASS=53165]	0.00	6.79	2.14	0.00	1	2	3	QFGGNC[339]DVDVVSFMYLTFLEDDDK	1
							2	EVTDEIVK	1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	0.00	2.11	1.62	0.00	1	1	2	VSC[339]TTAIPTEEM[147]TR	1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	*	5.42	*	*	*	1	3	LVPGAYLEYKSALLNEC[339]NKQGGLR	1
TAF3_HUMAN (Q5VWG9) Transcription initiation factor TFIID subunit 3 (TBP-associated factor 3) (Transcription initiation factor TFIID 140 kDa subunit) (140 kDa TATA box-binding protein-associated factor) (TAF140) (TAFII140) [MASS=103581]	0.00	0.75	*	*	*	1	1	VGAGQDK	1
TAP1_HUMAN (Q03518) Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding cassette sub-family B member 2) (Peptide transporter PSF1) (Peptide supply factor 1) (PSF-1) (Peptide transporter involved in antigen processing 1) [MASS=80964]	*	5.48	*	*	*	2	2	QETEFFQQNQTGNIM[147]SR	1
							2	LSLFLVLVVLSSLGEMAIFFTGR	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	0.00	4.99	0.79	0.00	1	2	2	SVTVTAAQKEKDATPEVSMEEK	1
							2	HC[330]FTGSYPVIEPLLK	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	3.30	*	*	*	2	2	IPAKTPPAPK	1
							3	TKIATPRGAAPPQK	1

								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	1
								2	LISQIVSSITASLR	1
								2	YMAC[330]C[330]LLYR	1
								2	SIQFVDWC[339]PTGFK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	20.54	0.72	0.22	8	5		2	YM[147]AC[339]C[339]LLYR	1
								1	SIQFVDWC[339]PTGFK	1
								3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
								2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
								3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	4
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	*	*	*	2		2	TIQFVDWC[330]PTGFK	1
								2	YM[147]AC[330]C[330]M[147]LYR	1
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	2
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.07	0.02	8	1		3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLMER	3
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	2
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.51	0.00	1	1		3	AYHEQLTVAEITNAC[330]FEPANQM[147]VK	1
TBA8_HUMAN (Q9NY65) Tubulin alpha-8 chain (Alpha-tubulin 8) [MASS=50093]	1.00	5.35	*	*	*	1		3	AYHEQLSVAEITSSC[330]FEPNSQMVK	1
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	*	6.87	*	*	*	2		3	FPGQLNADLRKLVNLM[147]VPFPR	1
								2	VSEHFSAM[147]FK	1

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
								2	NM[147]MAAC[330]DPR	1
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	2
								2	NM[147]M[147]AAC[339]DPRHGR	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
								1	TAVC[330]DIPPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
								3	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
								2	NM[147]M[147]AAC[330]DPR	3
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*		6	3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	EAESC[339]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	TAVC[330]DIPPR	2
								3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
								2	TAVC[339]DIPPR	3
								2	NM[147]M[147]AAC[339]DPR	2
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*		6	3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
								2	EIVHIQAGQC[339]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.81	0.18	36		2	2	EIVHIQAGQC[330]GNQIGAK	2
								2	M[147]REIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								2	M[147]REIVHIQAGQC[330]GNQIGAK	2
TBB4_HUMAN	1.00	4.05	*	*	*		1	3	M[147]AATFIGNSTAIQELFKR	1

TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	0.00	2.73	1.10	0.00	1	1	3	DDM[147]EAYRTQNC[339]FLNFEIHQVTKIWR	1
TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	*	2.31	*	*	*	2	3	EDAKPSKDNEAFYNSQK PEAGGC[339]GAPAAR	1 1
TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	0.00	4.91	1.56	0.00	1	2	2	AFVSC[339]LDIM[147]YNGEM[147]NEK SPLM[147]HPDALVTAFQQSGSQSPDSRM[147]SR	1 1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	7.55	*	*	*	6	3	M[147]SPGRSRGPGGDPHMM[147]NPHM[147]TFSER YHYPC[339]AIDADC[339]LLHEENFSVR LLHSSKEGADKAFNSYAHLSHSQDIK KQQQPPPPPPPPQIPEGSADGEPK VKTETHAETVTAGKEPPGAMTSTTSQK C[330]ELGAVC[339]TIINAEETKLVGR	1 1 1 1 1 1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	*	2.33	*	*	*	1	2	STDSLDPGEGSVQPLPTAGGPSVKGKPGK	1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	0.99	12.34	0.80	0.00	1	3	2	TATQLAVNK INALTAASEAAC[339]LIVSVDETIKNPR QQLLIGAYAKALEIIPRQLC[339]DNAGFDATNILNK	1 1 1
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.92	9.87	0.46	0.00	1	3	3	ALHVPKAPGFAQMLK ELAQTTRTAYGPNGM[147]NKM[147]VINHLEK AHEILPNLVC[330]C[330]SAK	1 1 1
TCRG1_HUMAN (O14776) Transcription elongation regulator 1 (TATA box-binding protein-associated factor 2S) (Transcription factor CA150) [MASS=123959]	*	1.18	*	*	*	1	2	ADVDKIIQEPCHK	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.00	5.61	0.79	0.00	1	1	2	C[330]LFMSGLSEVQLNHMDHTLPGK	1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	*	3.85	*	*	*	1	3	MSLHLHGADC[339]DPKTQNEM[147]NIC[330]EEEFVEYK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	*	1.65	*	*	*	1	2	IIGRGGETIR	1

TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	0.99	10.62	0.84	0.00	1	1	2	HLNEIDL FHC[330]IDPNDSK	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.51	1.47	0.79	0.00	1	2	2 C[330]PTDC[330]SSR 2 C[339]PTDC[339]SSR 3 GHEFSIPFVEM[147]K 1 VGISSR	1 1 1 5	
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	0.80	*	*	*	2	3 C[330]SPEGEWTTGNM[147]WQK	1	
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	0.00	6.83	0.54	0.00	1	2	3 SLPGSPEFLHQEAC[330]PFVGR 2 M[147]NTLSSNRANMLKEVQLM[147]NR	1 1	
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	0.00	2.62	0.77	0.00	1	4	2 IPTLQINKLQPTETESDKYMK 3 ISLYGLEHIFFDAAKNLVWK 3 PGILGVNHTPILPAHSETC[330]K 2 ISLYGLEHIFFDAAKNLVWK 2 DQNIPHKDLRR	1 1 1 1 1	
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	0.00	6.39	1.02	0.00	1	2	2 LHVM[147]QEELDNVVC[330]EC[330]NK 1 GELM[147]IGFK	1 2	
TF7L1_HUMAN (Q9HCS4) Transcription factor 7-like 1 (HMG box transcription factor 3) (TCF-3) [MASS=62630]	0.00	3.23	*	*	*	1	2 VVAEC[330]TLKESAINQILGR	1	
TF7L2_HUMAN (Q9NQB0) Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4) [MASS=67918]	0.00	5.49	*	*	*	2	1 RQDGGLFK 3 SSLVNESETNQNSSDSEAERRPPPR	1 1	
THAP6_HUMAN (Q8TBB0) THAP domain-containing protein 6 [MASS=25690]	0.00	5.86	0.31	0.00	1	1	2 M[147]VKC[330]C[330]SAIGC[330]ASR	1	
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	10.77	1.46	0.08	3	2	2 IHMGSC[339]AENTAK 2 IHM[147]GSC[339]AENTAK 3 AIM[147]M[147]ASQSLM[147]C[339]GHQDVMVAGGMESMSNPYVMNR	1 1 1	

THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	1.00	15.87	1.69	0.05	2	3	3	ISREEC[339]DKYALQSQQR	1
							3	IVGYFVSGC[339]DPSIM[147]GIGPVP AISGALKKAGLSLK	1
							2	EEC[339]DKYALQSQQR	1
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	5.47	0.89	0.00	1	2	2	WYQM[147]GIVSWGEGC[339]DR	1
							2	SEGSSVNLSPPLEQC[339]VPDR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	8.70	0.48	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	0.39	56.67	1.54	0.00	1	3	3	AQQLAAEELEVEMM[147]ADMYNRMTSAC[330]HRK	1
							2	C[339]VPPHYK	1
							2	MGKLTLSM[147]QDEELM[147]K	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	34.74	1.36	0.19	3	2	2	C[330]IGKPGGSLDNSEQK	1
							2	C[339]IGKPGGSLDNSEQK	1
							2	C[330]IAMC[330]MDRYMDAWNTVSR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	1.00	35.96	1.53	0.02	3	2	2	EVKPEETTC[339]SEHC[339]LQK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1
							2	LTETC[339]FLDC[339]VKDFTR	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	*	3.85	*	*	*	2	1	GLITKA	1
							2	GITGVEDKESWHGKPLPK	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.98	1.85	1.43	0.00	1	3	2	LARSLR TYGVSFFLVK	1
							2	HTSALC[330]NAC[330]R	1
							3	HC[339]NVVKTM[147]QFEPSTAVYDAC[330]R	1
TLR4_HUMAN (O00206) Toll-like receptor 4 precursor (hToll) (CD284 antigen) [MASS=95679]	0.00	6.08	0.49	0.00	1	2	3	TC[330]IQGLAGLEVHRLV LGEFRNEGNLEK	1
							3	QQVELYRLLSRNTYLEWEDSVLGR	1
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	0.00	2.80	1.48	0.00	1	1	2	C[339]LSDLNSALIMVVVGSLSQYQLMK	1
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	0.00	10.51	0.82	0.00	1	3	2	AATLLLTLSNLM[147]FLAPIAVSVR	1
							3	GMWNMLGPC[330]LFAFVIM[147]ASMWAYR	1
							3	AGTGTGGEAVAAVVAGPLLLLLLARPPPASAGYS GK	1
TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	*	13.06	*	*	*	1	3	VSFWFVVTDP SKNHTLPAVEVQSAIRMNK	1

TMM51_HUMAN (Q9NW97) Transmembrane protein 51 [MASS=27759]	*	11.07	*	*	*	1	3	INLPDKNVPPPSIEPLTPPPQYDEVQEK	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	9.25	*	*	*	5	2	ARLREHGISLAAYGTIVSAELTGR	1
							3	MEPTVADVHLVPRTTKEVPALDAAC[339]C[339]R	1
							2	C[339]VITGWGVSREGGSM[147]AR	1
							3	WLLSAAHC[330]FNHTKVEQVR	1
							2	EDFLVKPEVLQK	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	*	16.07	*	*	*	6	2	QARAVPQGPPGLPPR	1
							2	SLESVLSLGPRTGGGSSPPEIRQAR	1
							3	QLAGAM[147]AYLGAR	1
							2	VGSFPASAVTLADAGGLPATR	1
							2	PEHFDFVK	1
3	NWVYKILGGFAPEHKEPTLPSDSPR	1							
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.80	14.96	0.99	0.00	1	2	3	TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HR	1
							2	ANLLFKGSVDSNWIVGATLEKK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	11.02	0.69	0.57	5	3	3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							3	C[339]DFAYETMGTIIEVQRGNM[147]EKAIDMFNK	1
							3	ILLDQVEEAVADFDEC[339]IR	2
3	ILLDQVEEAVADFDEC[330]IR	2							
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	0.00	2.67	1.07	0.00	1	1	3	GLNGAC[339]SVHEYTGTFAGQPVRFK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	*	1.12	*	*	*	1	3	QSQQPM[147]KPISPVKDPVSPASQK	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]R	2

TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	7.26	0.61	0.24	3	1	1	VAHALAEGLGVIAC[330]IGEK	1
							2	VAHALAEGLGVIAC[339]IGEK	1
							2	VAHALAEGLGVIAC[330]IGEK	1
							1	KSSNLTLPK	2
TPP2_HUMAN (P29144) Tripeptidyl-peptidase 2 (EC 3.4.14.10) (Tripeptidyl-peptidase II) (TPP-II) (Tripeptidyl aminopeptidase) [MASS=138218]	0.00	7.05	*	*	*	6	3	EKIWDPVHRVALAEAC[339]R	1
							2	ANNIDYTVHSVRR	1
							3	ANNIDYTVHSVR	1
							3	NDMDKQKSTLVDALC[339]R	1
							2	FC[339]SLPEKGTLEAFPVLGGK	1
TPPC5_HUMAN (Q8IUR0) Trafficking protein particle complex subunit 5 [MASS=20783]	0.00	14.36	1.70	0.00	1	1	3	ENSTLNC[339]ASFTAGIVEAVLTHSGFPAK	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	1.51	*	*	*	1	2	LLGKTDVQR	4
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	6.78	*	*	*	2	3	SPIALGYTRGHFSALVAMENDGYGNR	1
							3	ELEEEESPIINWSLELATRLDSR	1
TRFR_HUMAN (P34981) Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor) [MASS=45085]	0.00	14.32	0.34	0.00	1	2	3	IIIFVWAFTSLYC[330]MLWFFLLDLNISTYK	1
							3	KIIIFVWAFTSLYC[330]MLWFFLLDLNISTYK	1
TRI18_HUMAN (O15344) Midline-1 (EC 6.3.2.-) (Tripartite motif-containing protein 18) (Putative transcription factor XPRF) (Midin) (RING finger protein 59) (Midline 1 RING finger protein) [MASS=75250]	*	3.45	*	*	*	1	3	VNM[147]YC[339]VTDDQLIC[330]ALC[330]KLVGRHR	1
TRI27_HUMAN (P14373) Zinc-finger protein RFP (Ret finger protein) (Tripartite motif-containing protein 27) (RING finger protein 76) [MASS=58489]	0.00	2.92	5.51	0.00	1	1	2	C[339]WGTAETNVSC[339]PQC[339]R	1
TRI32_HUMAN (Q13049) Tripartite motif-containing protein 32 (EC 6.3.2.-) (Zinc-finger protein HT2A) (72 kDa Tat-interacting protein) [MASS=71988]	*	2.30	*	*	*	1	3	VGHVGPLQIGQAVKK	1
TRIM4_HUMAN (Q9C037) Tripartite motif-containing protein 4 (RING finger protein 87) [MASS=57400]	0.00	7.60	0.50	0.00	1	2	2	TAFVERFQHLPC[330]VLGKNVFTSGK	1
							2	LFC[339]EDDQRPVC[330]LVC[339]R	1

TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	6.78	0.89	0.00	1	11	3	NMIEEHSQLKK	1
							2	YLYKSKLFTSELGVTEHVEGDPC[339]JK	1
							3	NHSGGGGGGGSGGSGGGGGSGGGGAPSGSGHSGGPSSC[330]GGAPST	1
							3	SR	1
							2	GQTVEVLER	1
							2	AEAM[147]LQANHYDM[147]DMIRDC[330]AEK	1
							2	NSGSGNADLQNLKPKVSTMLDR	1
							3	ELLTC[330]C[330]EEGKGEIKDGLVEM[147]LSVPK	1
							2	MKAM[147]DVLPIKKEK	1
							3	PPGADAEGSERAIEPIPK	1
2	AVATKFNK	1							
2	LLDC[330]VVR	1							
TRIP4_HUMAN (Q15650) Activating signal cointegrator 1 (ASC-1) (Thyroid receptor-interacting protein 4) (TRIP-4) [MASS=66245]	0.00	14.46	1.35	0.00	1	4	2	HPC[330]DC[330]LGQKHKLINNC[330]LIC[330]GR	1
							3	IHQGAKKGLM[147]K	1
							3	DVEFPNDYPSGC[339]LLGC[339]VDLIDC[339]LSQKQFK	1
							2	LWIAATAKKPSPQEVSELQATYR	1
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	0.00	1.29	0.97	0.00	1	1	3	DQETVC[339]SKATEGDNTEFGAFVGH	1
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	*	1.33	*	*	*	1	3	AQSIHPAKDGWIQNLQALMERFFR	1
TSH1_HUMAN (Q6ZSZ6) Teashirt homolog 1 (Serologically defined colon cancer antigen 3) (Antigen NY-CO-33) [MASS=117916]	*	2.32	*	*	*	1	3	VLKC[330]M[147]YC[339]GHSFESLQDLSVHM[147]IKTK	1
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	0.00	2.50	1.85	0.00	1	1	2	GC[330]SLGSVLLSPTSTAPATSSSTVTTAK	1
TSN18_HUMAN (Q96SJ8) Tetraspanin-18 (Tspan-18) [MASS=27710]	*	5.24	*	*	*	1	3	REPQSRDGVLLSR	1
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	0.00	5.55	2.76	0.00	1	3	3	GTLLALEGPGLSQR	1
							3	DGIGDAC[330]DDDDNDNGVTEKDNC[339]QLLFNPR	1
							3	VC[339]NSPEPQYGGKAC[339]VGDVQER	1
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	*	3.11	*	*	*	3	3	PFLGCG[330]PRFVVIDNC[339]IALKK	1
							2	SHC[339]STGDAHTVLSSENR	1
							3	NLEFDIC[339]SIWC[330]SKPISVLQDYC[339]DAIK	1

TULP1_HUMAN (O00294) Tubby-related protein 1 (Tubby-like protein 1) [MASS=60650]	0.00	4.24	0.33	0.00	1	1	2	YPLC[330]ALQAFAlALSSFDGKLAC[330]E	1
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	*	1.02	*	*	*	1	1	KM[147]KSMK	1
U3IP2_HUMAN (O43818) U3 small nucleolar RNA-interacting protein 2 (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) [MASS=51840]	0.00	13.47	1.47	0.00	1	3	2 EC[339]C[339]VTAGGRDGTVR 2 GAEGKPPGHSSHVLC[339]M[147]AISSDGK 3 PPGHSSHVLC[330]MAISSDGKYLASGDRSK	1 1 1	
UAP56_HUMAN (Q13838) Spliceosome RNA helicase BAT1 (EC 3.6.1.-) (DEAD box protein UAP56) (56 kDa U2AF65-associated protein) (ATP-dependent RNA helicase p47) (HLA-B-associated transcript-1) [MASS=48991]	0.97	6.78	0.81	0.00	1	2	2 NC[330]PHIVVGTGTPGR 2 HFILDEC[339]DKM[147]LEQLDM[147]R	1 1	
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.94	0.76	1.01	0.00	1	1	2 VGEFC[330]HNR	1	
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	*	3.97	*	*	*	2	3 HLWFLISSMSTRMITGSMVPLLQVISR 2 NFC[330]PPNHWLSEQEDIK	1 1	
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	5.20	1.52	0.00	1	3	3 NKSENPMVQLFYGTFLTEGVR 3 EIGPDDMNM[147]EEYK 3 RLVLSYSLPQNVLENC[330]RSHTEK	1 1 1	
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.23	2.59	1.53	0.00	1	1	2 TGLINLGNTC[330]YM[147]NSVIQALFMATDFRR	1	

UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.22	2.39	2.63	0.00	1	2	2	LLKLNSR	1
							2	LLNWYGC[339]VEGQQPIVR	1
UBP6_HUMAN (P35125) Ubiquitin carboxyl-terminal hydrolase 6 (EC 3.1.2.15) (Ubiquitin thioesterase 6) (Ubiquitin-specific-processing protease 6) (Deubiquitinating enzyme 6) (Proto-oncogene TRE-2) [MASS=158657]	0.00	2.99	1.27	0.06	2	2	2	DNC[330]M[147]GYQYPFTLR	1
							3	DLC[339]GLNSEQILLAEVHDSNIKNFPQDNQK	1
UBR1_HUMAN (Q8I WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	*	1.03	*	*	*	1	2	EC[330]HKAVM[147]RC[330]STSFISSSK	1
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	*	1.42	*	*	*	2	2	LLSWLGSIIIGYSDGLR	1
							2	VSIHLPVSR	1
UBTD2_HUMAN (Q8WUN7) Ubiquitin domain-containing protein 2 (Dendritic cell-derived ubiquitin-like protein) (DC-UbP) (Ubiquitin-like protein SB72) [MASS=26189]	0.00	11.97	0.40	0.00	1	1	2	M[147]GGC[330]VGAQHDSSGSLNENSEGTGVALGR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	28.70	0.67	0.04	6	3	2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
							3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	2
							3	NEAIQAAHDAVAQEGQC[330]R	1
							2	MPPFVNHGASSEDTLKDAKVC[339]R	1
3	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1							
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	16.10	0.68	0.00	1	3	2	FLLSGC[330]AATVAELATFPLDLTK	1
							2	TRLQM[147]QGEAALAR	1
							2	LQM[147]QGEAALARLGDGAR	1

								2	EQC[330]EQLEK	2
								2	LELC[330]DER	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	53.85	1.10	0.14	12	5		2	EQC[339]EQLEK	2
								2	ERLELC[330]DER	1
								2	ERLELC[339]DER	1
								2	DHC[330]VAHK	2
								2	DHC[339]VAHK	2
								3	SHTEEDC[330]TEELDFDLHAR	1
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	0.90	16.05	*	*	*	1		2	HVISYSLSPFEQR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	1.24	*	*	*	1		3	KYPYVEVNSILGIDSAYDR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	5.14	*	*	*	3		2	MEPGRGGTETVGKFEFSR	1
								2	LFLQQIAGAMRLLHSGIIHR	1
								3	ASVVSC[339]QGLSLRLQR	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	*	1.43	*	*	*	1		2	MKVLELQSPPKASM[147]VVK	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	18.33	1.24	0.06	4	5		2	EHTAYYIK	1
								2	NALVSHLDGTTTPVC[339]EDIGR	1
								3	AVELLGDIVQNC[339]SLEDSQIEKER	1
								2	LC[339]TSATESEVAR	1
								3	LC[339]QSFQTFSC[330]YAETGLLGAHFVC[330]DR	1
								2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	0.99	6.18	1.31	0.00	1	2		2	GIEAVGGKLSVTATR	1
								2	NALANPLYC[339]PDYR	1

VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.76	1.99	0.48	0.00	1	1	2	LFPHC[330]GR	1
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	0.00	12.40	0.99	0.00	1	2	2 2	FM[147]VQTIFAPPNTSDMEAVWKEAK LM[147]EEC[330]KR	1 1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	3.89	3.07	0.00	1	2	2 3	C[339]LGNPER LAEMPADSGYPAYLGAR	1 1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	*	2.92	*	*	*	1	3	PGGLPGSSC[339]NLGAAR	4
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	0.99	7.83	0.64	0.00	1	2	3 2	GPVVLAEDFLDIM[147]GQPINPQC[330]R KDHADVSNQLYAC[330]YAIGK	1 1
VATH_HUMAN (Q9UI12) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	0.00	7.87	0.58	0.00	1	2	3 2	C[330]GFQLQYQM[147]IFSIWLLAFSPQMC[330]EHLR QEYALAMIQC[330]K	1 1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	1.25	*	*	*	1	2	KSGYFPSSSVK	1

VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	*	4.33	*	*	*	2	2	GIQVEIYSFPK	1
							3	DPEIEMSGGLVNGSSVTVSC[330]K	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	1.22	0.05	4	1	2	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	2
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	11.82	1.18	0.05	2	2	2	SC[339]SGVEFSTSGSNTDTGK	1
							3	WNTDNTLGTETIAIEDQIC[339]QGLK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	3.89	1.30	0.05	3	1	2	VC[339]NYGLTFTQK	2
							2	VC[330]NYGLTFTQK	1
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	0.00	1.46	1.18	0.00	1	1	2	LC[330]DRVASSTLLDDR	1
VGFR3_HUMAN (P35916) Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1) (VEGFR-3) (Tyrosine-protein kinase receptor FLT4) [MASS=145598]	*	6.09	*	*	*	4	3	DAFSPC[330]AEKSPEQR	1
							3	GSMEIVILVGTGVIAFFWVLLLLLIFC[330]NM[147]R	1
							3	NILLSSESDVVKIC[339]DFGLARDIYK	1
							2	DC[339]EGTDARPYC[330]K	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	1.00	18.95	0.74	0.12	3	3	2	SDPSIVLLLQC[330]DIQK	1
							2	GFLKDC[330]PSGR	1
							2	EFIC[339]ALSITSR	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	0.00	2.66	0.96	0.00	1	5	3	SWYHGQTSM[147]PGTLVLC[330]LPQIKIISAGHK	1
							3	C[330]PEVEELVFSHFVIC[339]NDTQETLR	1
							2	LPSYILENNELTELC[330]VK	1
							2	PYVRTLLIELLPWALLINESK	1
							2	LGSEPVVITINTMEC[339]ILK	1

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	0.94	0.84	0.53	0.00	1	1	2	KIC[330]EGFR	1
VPS28_HUMAN (Q9UK41) VPS28 protein homolog [MASS=25425]	0.00	6.79	1.46	0.00	1	1	2	QVQGSEISSIDEFC[339]R	1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.99	7.14	0.51	0.00	1	1	2	IQHILC[330]TGNLIC[330]TK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	*	4.77	*	*	*	2	3	C[339]QKIFSFAHQTSALIKAELAEPLR	1
							2	KDILKDLVEM[147]C[339]R	1
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	*	2.97	*	*	*	1	2	ESIRAKC[330]VQYLDR	1
VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	0.00	2.25	1.79	0.00	1	1	3	IILEYC[339]QC[339]VDNIPSVTTDM[147]LTR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	3.20	*	*	*	4	3	RVTILVEGGEIELFDGEVNVK	1
							2	VPLDSSPATC[339]HNNIM[147]K	1
							3	VEDFGNAWKLHGDC[339]QDLQKQHS DPC[330]ALNPR	1
							3	IM[147]KIPGTC[330]C[339]DTC[330]EEPEC[330]NDITAR	1
WBS22_HUMAN (O43709) Putative methyltransferase WBSCR22 (EC 2.1.1.-) (Williams-Beuren syndrome chromosome region 22 protein) [MASS=31880]	0.00	4.98	1.34	0.00	1	1	3	LYC[339]FFASLFSVLVR	1
WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	*	2.07	*	*	*	5	3	LGDVILPPWAK	1
							2	VFSWSVSDQPGRSAADHWVK	1
							3	VKC[339]LVSM[147]TTPHDIR	1
							2	EHFYVIDGFTMTATR	1
							3	NYLLAFQKGIRNK	1
WDR13_HUMAN (Q9H1Z4) WD repeat protein 13 [MASS=53715]	*	3.09	*	*	*	1	3	EARDPSLLINAC[330]LNK	1
WDR20_HUMAN (Q8TBZ3) WD repeat protein 20 (DMR protein) [MASS=62933]	*	14.94	*	*	*	3	3	VPFNSQGSNPVRVSVFNLNLDQSGNGDRLC[339]FNVGR	1
							3	TDPAKTLGTPLC[339]PRMEDVPLLEPLIC[330]K	1
							3	LLPHSEYSRPNRVPFNSQGSNPVR	1

WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	0.00	5.63	1.48	0.22	2	3	3	EAC[330]LNIAMAQRNQDLPEEGC[339]SK	2
							2	EAC[339]LNIAM[147]AQRNQDLPEEGC[330]SK	1
							2	SLETIC[339]ANHNNGR	1
							3	LPVFQFDNQGYFNCS[330]TM[147]K	1
							3	PEC[339]RHHLATC[339]SMM[147]VDHNIYVWDVR	1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	0.00	7.93	1.56	0.00	1	4	2	VTTALGGSVLTGR	1
							3	GGSC[330]GLPLMNSFNLK	1
							2	LHHSFAHGPM[147]QDAESTANDAR	1
							3	GLVVSQKDSQQPIK	2
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	*	1.87	*	*	*	2	1	GRGGPGAQR	1
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	*	5.83	*	*	*	2	3	EDLQTNSEFPVLLTQGLSENFEMLNKVLQTR	1
							3	EEPVKLAVVC[339]R	1
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	*	1.29	*	*	*	1	2	EIADSLILR	1
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	*	0.80	*	*	*	1	2	GMNWLGLR	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	*	5.26	*	*	*	2	3	QPYIVSAAENGEMC[330]VWNVTNGQC[339]VEK	1
							3	NLPLQTPVSPVKHDSNSNSANFQDVEDMPDR	1
WDR76_HUMAN (Q9H967) WD repeat protein 76 [MASS=69753]	0.00	3.51	2.06	0.00	1	1	2	VHSFGGEYLVSV[339]SINAMHPTR	1
WIPI2_HUMAN (Q9Y4P8) WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) (WIPI49-like protein 2) [MASS=49408]	0.97	12.11	0.56	0.00	1	2	3	AANMIPAHDSPLAALAFDASGTK	1
							3	LDGSLETTNEILDSASHDC[330]PLVTQTYGAAAGK	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	*	3.92	*	*	*	1	3	LELWAPARQGSCLK	1
XAB2_HUMAN (Q9HCS7) XPA-binding protein 2 (HCNP protein) [MASS=100009]	*	5.50	*	*	*	2	2	IATPQIVINYAM[147]FLEEKHYFEESFKAYER	2
							3	FEQLISRRPLLLNSVLLR	1
XCL1_HUMAN (P47992) Lymphotoxin precursor (XCL1) (Cytokine SCM-1) (ATAC) (Lymphotoxin) (SCM-1-alpha) (Small inducible cytokine C1) (XC chemokine ligand 1) [MASS=12517]	0.00	9.65	1.62	0.00	1	1	2	VC[339]ADPQATWVR	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	*	1.99	*	*	*	1	2	KTKPMLETEVLDNDGGGLATIFEP	1

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.38	3.56	0.20	0.00	1	1	2	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1
YES_HUMAN (P07947) Proto-oncogene tyrosine-protein kinase Yes (EC 2.7.10.2) (p61-Yes) (c-Yes) [MASS=60670]	0.00	14.21	4.11	0.00	1	4	3	MPC[339]PQGC[339]PESLHELM[147]NLC[339]WK	1
							2	PGTMM[147]PEAFLQEAQIMKK	1
							3	LVKHYTEHADGLC[339]HK	1
							3	GYRMPC[330]PQGC[330]PESLHELM[147]NLC[339]WKK	1
YJDC_HUMAN (Q96F86) YjeF domain-containing protein 1 (Edc3) [MASS=56077]	*	1.77	*	*	*	1	2	HMESLSQSK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	*	2.89	*	*	*	1	3	SLAATPSSSLPC[339]TLIALGLRHEK	1
							2	PTIPTKPTIPTKSTISPEK	1
							2	VALPVWLAQGRVTIR	1
ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	*	3.34	*	*	*	6	3	PSIPTKPSIPTEK	1
							1	STISPEK	2
							3	AVLLSPVSLSSGC[339]LSFSFHYILR	1
							3	PTISTEKPTIPSEK	1
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	*	2.28	*	*	*	1	3	DAPSSSSSNSTSNEASGTSSEKGR	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	0.21	2.42	0.98	0.00	1	2	3	QANGLSIHLHTFHNIEDPYDC[339]KK	1
							2	AEHADM[147]K	1
ZBT7A_HUMAN (O95365) Zinc finger and BTB domain-containing protein 7A (Leukemia/lymphoma-related factor) (Factor that binds to inducer of short transcripts protein 1) (Factor binding IST protein 1) (FBI-1) (HIV-1 1st-binding protein 1) (TTF-I-interacting) [MASS=61439]	0.00	1.71	0.46	0.00	1	1	2	KDGC[330]NGVPSR	1

ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	*	3.47	*	*	*	3	2 3 3	EIIENLAKILKR LC[339]LFGSSKNGFGFRDSDLIC[330]MTLEGHENA M[147]DDFQLKGIVEEK	1 1 1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.74	*	*	*	3	3 2 2	KITPGNYGNTPR IMENVFQHK YLC[330]YTM[147]KVFTKM[147]C[339]DIGDASR	1 1 1
ZCHC9_HUMAN (Q8N567) Zinc finger CCHC domain-containing protein 9 [MASS=30451]	0.00	17.71	0.84	0.00	1	3	2 2 3	ALPATSWEDM[147]KK KNAM[147]VC[330]FHC[330]R SC[330]PDNPKGLYADGGGC[330]KLC[330]GSVEHLK	1 1 1
ZFH2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	*	2.03	*	*	*	1	3	PPM[147]AKEGNEAGPSSPPDPLPNEAARTAAK	1
ZHX2_HUMAN (Q9Y6X8) Zinc fingers and homeoboxes protein 2 (Zinc finger and homeodomain protein 2) (Alpha-fetoprotein regulator 1) (AFP regulator 1) (Regulator of AFP) [MASS=92306]	0.29	4.78	0.76	0.00	1	2	2 2	DC[330]LPAKPSEATSDR TGTVKWM[147]EQYQHQPMP[147]ADDHGYDAVAR	1 1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	1.31	*	*	*	1	3	SFC[330]SEGC[339]VLLYKQDFTKK	1
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	*	3.21	*	*	*	2	2 3	SLARHQK PC[339]VC[339]REC[339]GQGFLQK	1 1
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	*	4.87	*	*	*	2	3 3	VTGNMPTQSLLMYMDGPEVIGSSLGSPMEMEDALSMK RAGAESPTM[147]SVDGR	1 1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	5.06	*	*	*	1	3	ERSYM[147]C[330]SEC[330]GKSFSTSC[339]SLSDHLR	1
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	2.21	0.34	0.00	1	3	3 2 2	M[147]VLIARLKETVLENNELEK LIGWLNEDQRK QPEAIAFC[330]K	1 1 1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	4.29	10.47	0.00	1	2	3 3	VHC[339]EGEGGNAGDGGGVVPHR GQGATFVETDSPFTAALAEPLVKEKPLR	1 1
ZN441_HUMAN (Q8N8Z8) Zinc finger protein 441 [MASS=72193]	*	2.40	*	*	*	1	2	C[330]KVC[339]GKAFDSPSLC[330]R	1
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	0.00	3.44	0.69	0.00	1	2	2 2	VHTGEKPYRC[330]GEC[339]GK IHTGEKPYSC[330]NVC[330]GK	1 1
ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	0.33	6.49	0.94	0.00	1	3	1 2 3	WHSSLAK RSSALTIHK C[330]EEC[330]GKVFSLSSTLTDHK	1 1 1
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	0.00	4.03	*	*	*	2	3 1	PYM[147]C[339]NEC[339]GKAFDSSSLTPHHR LDESALDK	1 1

ZN485_HUMAN (Q8NCK3) Zinc finger protein 485 [MASS=50280]	0.00	13.61	0.59	0.00	1	4	2 C[330]KEC[339]GIAFMNSSLLNHHK 2 SSTLTGHQRIHTGEKPYHC[330]K 2 NHTSEKPHKC[330]K 3 YNSSFISHQR	1 1 1 1
ZN511_HUMAN (Q8NB15) Zinc finger protein 511 [MASS=29428]	*	8.02	*	*	*	2	2 QDM[147]YQC[330]LVEGC[330]TEKFK 1 TSRDR	1 1
ZN560_HUMAN (Q96MR9) Zinc finger protein 560 [MASS=91120]	0.00	2.03	1.03	0.00	1	1	2 C[330]GKPFTSSAC[330]LRIHMR	1
ZN561_HUMAN (Q8N587) Zinc finger protein 561 [MASS=55197]	*	3.91	*	*	*	1	3 AFTTSTSLIQHTRIHTGEK	1
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	*	4.83	*	*	*	2	2 HM[147]IM[147]HTGGGPHKC[339]K 2 GFDRPSLVR	1 1
ZN571_HUMAN (Q7Z3V5) Zinc finger protein 571 [MASS=70801]	0.00	4.93	1.17	0.00	1	2	2 INHHLQYNGLDNM[147]EC[330]K 3 DFRC[330]PSQLTQHTR 3 IFGQNSALVIHK 3 VFSC[339]GSTLETHK	1 1 1 3
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	6.37	*	*	*	3	3 VFSC[330]GSTLETHK 3 PQIHISNNYGNNSPNSLLPQK	1 1
ZN625_HUMAN (Q96I27) Zinc finger protein 625 [MASS=34746]	0.00	4.90	0.85	0.00	1	1	2 THGRTHHTGEKPYEC[330]K	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrix-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	2.83	*	*	*	4	2 TVDKKNISEK 1 QKHLEAADK 3 AYIEINRKAESMVK 3 TKLESLSQVGPVNVENVMEEDLK	1 1 1 1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	0.00	8.04	1.19	0.00	1	2	2 GFSSM[147]LEYC[339]K 3 YSDSSGISRIADGFNGIFSDHC[330]YSVC[339]SM[147]R	1 1
ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	0.00	2.44	1.27	0.00	1	1	2 SC[339]SPSSGIIQHK	1
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	0.00	4.80	0.30	0.00	1	2	3 GC[330]KSVDEHK 2 SSHLTNHKVIHTGEKPYK	1 1
ZNF13_HUMAN (P17016) Zinc finger protein 13 (Zinc finger protein KOX5) (Fragment) [MASS=6274]	0.00	33.93	1.71	0.00	1	1	2 C[339]EEC[339]GKGFSRASLLAHQR	1

ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	*	4.01	*	*	*	1	2	QLGQHLPNPHSGEM[147]STM[147]WLEEK	3
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	0.00	6.58	1.31	0.00	1	2	2 EC[339]GNAFSFPSEIRRHK 2 ESHHC[339]GESFNQIADDMLNR	1 1	
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	0.00	7.20	0.92	0.00	1	3	2 EC[330]GKAFSTSSPLVKHQR 2 ASYLVQHGR 2 AFISGSFAVVRHGR	1 1 1	
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.00	2.86	0.56	0.00	1	1	2 HEIM[147]VAKPTVM[147]C[330]SHFAR	1	
ZNF92_HUMAN (Q03936) Zinc finger protein 92 (Zinc finger protein HTF12) [MASS=68486]	*	3.24	*	*	*	1	2 QSSTLTEHKIIHTGEKPYK	1	
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	*	2.76	*	*	*	3	2 GM[147]YC[339]IGNMQM[147]LAKVPLWSK 2 C[330]RNGHIYVIGDC[330]GGAM[147]ER 3 TM[147]PIYPTYNEVHLDER	1 1 1	
ZNT1_HUMAN (Q9Y6M5) Zinc transporter 1 (ZnT-1) (Solute carrier family 30 member 1) [MASS=55328]	*	6.31	*	*	*	1	3 VTSSLAM[147]LSDSFHMLSDVLALVVALVAERFAR	1	
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	1.38	0.00	1	1	3 AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1	
ZSCA4_HUMAN (Q8NAM6) Zinc finger and SCAN domain-containing protein 4 (Zinc finger protein 494) [MASS=48956]	0.00	5.54	0.56	0.00	1	1	3 HSKDEIISLLVLEQFM[147]IGGHC[330]NDK	1	
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	*	3.63	*	*	*	1	3 C[330]M[147]KILANYQSTSNTSMLKC[339]PLC[339]R	1	

Table 5. MCI mitochondrial samples

Experiment 3

Description	A = Protein Score				E = XPress Peptides				Peptide Sequence	H
	A	B	C	D	E	F	G			
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.32	11.02	0.29	0.00	1	2	2	IEAELQDIC[330]NDVLELLDK	1	
							2	YDDMAAAMK	1	
							3	ELETVC[339]NDVLSLLDKFLIK	2	
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	1.00	7.76	0.91	0.01	5	1	2	ELETVC[339]NDVLSLLDKFLIK	1	
							3	ELETVC[330]NDVLSLLDKFLIK	1	
							2	ELETVC[330]NDVLSLLDKFLIK	1	
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	0.95	7.72	1.24	0.00	1	1	2	ELEAVC[330]QDVLSLLDNYLIK	1	
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	21.63	0.69	0.05	3	3	2	IETELRDIC[330]NDVLSLLEK	1	
							3	YDDM[147]AAC[339]M[147]KSVTEQGAELSNEER	1	
							2	IETELRDIC[339]NDVLSLLEK	1	
							2	DIC[330]NDVLSLLEK	1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	10.71	1.48	0.17	3	4	3	DNTIEHLLPLFLAQLKDEC[330]PEVR	1	
							2	EWAHATIIPKVLAMSGDPNYLHR	1	
							1	QAAEDK	1	
							2	NLC[339]SDDTPM[147]VR	1	
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1	
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	0.00	3.28	*	*	*	1	3	LLSHGAHIEALDKDNNTPLLFAIIC[330]KK	1	
A20A2_HUMAN (Q4UJ75) Ankyrin repeat domain-containing protein 20A2 [MASS=94148]	0.00	5.22	1.21	0.00	1	2	3	QHRTALHLAC[330]ASGHVQVVTLLVNRK	1	
							2	VKDENEFLTEQLSETQIK	1	

AADAT_HUMAN (Q8N5Z0) Kynurenine/alpha-aminoadipate aminotransferase mitochondrial precursor (KAT/AadAT) (Kynurenine--oxoglutarate transaminase II) (EC 2.6.1.7) (Kynurenine aminotransferase II) (Kynurenine--oxoglutarate aminotransferase II) (2-aminoadipat [MASS=47351]	*	5.88	*	*	*	1	3	NTPKFLYVTPNGNNTGNSLTSERK	1
AATC_HUMAN (P17174) Aspartate aminotransferase, cytoplasmic (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 1) [MASS=46116]	0.00	5.58	0.59	0.00	1	2	2 HIYLLPSGR 2 TDDC[330]HPWVLPVVKK	1 1	
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.95	1.57	0.12	6	4	2 NLDKEYLPIGGLAEFC[339]K 2 NLDKEYLPIGGLAEFC[330]K 2 VGAFTM[147]VC[339]K 2 VGAFTM[147]VC[330]K 3 PEQVERLIKEFSIYMTK 2 HFIEQGINVC[339]LC[339]QSYAK	2 1 1 1 1 1	
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	0.24	3.76	4.38	0.00	1	3	3 KLSTAM[147]ALIGGPPVFLDEPTTGM[147]DPKAR 3 HRNM[147]LQYQLPSSLARIFSILSQSK 3 KGFFAQIVLPAVFVC[339]IALVFSLIVPPFGK	1 1 1	
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	*	4.22	*	*	*	1	3 TLDPSWLRGQVVGFIQEPVLFGTTIMENIR	1	
ABCG1_HUMAN (P45844) ATP-binding cassette sub-family G member 1 (White protein homolog) (ATP-binding cassette transporter 8) [MASS=75592]	0.00	3.98	0.88	0.00	1	1	3 M[147]AC[339]LM[147]AAFSVGTAMNASSYSAEMTEPK	1	
ABCG5_HUMAN (Q9H222) ATP-binding cassette sub-family G member 5 (Sterolin-1) [MASS=72503]	0.00	4.30	0.69	0.00	1	1	3 VMLFDEPTTGLDC[330]M[147]TANQIVVLLVELAR	1	
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	0.99	6.07	2.54	0.00	1	1	3 IGIASQALGIAQTALDC[339]AVNYAENR	1	

ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	9.23	1.14	0.05	4	4	2	GKC[330]TTDHISAAGPWLKFR	1
							2	WDGKDLEDLQILIKVK	1
							2	VGLIGSC[339]TNSSYEDM[147]GR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							3	VAVPSTIHC[330]DHLIEAQVGGEK	1
2	VGLIGSC[330]TNSSYEDM[147]GR	1							
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.51	2.46	1.22	0.00	1	1	2	SLEIC[339]HPQER	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	12.18	2.04	0.18	2	1	3	LMC[330]PQEIVDYIADKKDVYE	1
							3	LM[147]C[339]PQEIVDYIADKKDVYE	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	10.93	0.73	0.10	6	3	2	C[330]DVIDIRK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	2
							2	C[339]DVIDIRK	1
							3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							1	C[330]DVIDIR	1
3	C[339]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	2							
							3	C[339]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	*	3.21	*	*	*	1	2	YIKDRTLPHFSVIYHEDDINYPHK	1
ADA20_HUMAN (O43506) ADAM 20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 20) [MASS=81710]	0.00	1.79	0.46	0.00	1	1	2	C[330]ASMVHLSQAC[330]QR	1
ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	*	1.29	*	*	*	1	3	C[330]PSTIC[330]VM[147]DK	1

ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	2.86	1.16	0.00	1	1	3	C[330]QC[330]SGAVC[330]IM[147]NPEAIHFSGVK	1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	*	3.51	*	*	*	2	3	IGLNMGPVVAGVIGAR	1
							2	IGLNMGPVVAGVIGAR	1
							2	PQPAYVALLAC[339]AAALFVGLMVVC[330]NR	1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenyl cyclase 7) [MASS=120308]	*	7.04	*	*	*	3	3	NC[330]VKMGLDMC[330]QAIKQVR	1
							3	KEHEEFETMENVNRLLENVLPAAHFIGDK	1
							2	RQQENLLLSVLPAAHISM[147]GMKLAIIER	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	0.00	7.33	2.48	0.00	1	2	3	C[339]GLLPISPEALSLGEVAYHDYHGILVDEEEK	1
							3	VSM[147]ILQSPAFC[339]EELESM[147]IQEQFK	1
ADH1G_HUMAN (P00326) Alcohol dehydrogenase 1C (EC 1.1.1.1) (Alcohol dehydrogenase gamma subunit) [MASS=39736]	0.00	6.42	*	*	*	1	3	VTPGSTC[339]AVFGLGGVGLSVVM[147]GC[339]K	1
ADH6_HUMAN (P28332) Alcohol dehydrogenase 6 (EC 1.1.1.1) [MASS=39072]	0.00	7.88	1.45	0.00	1	2	2	M[147]STTGQVIRC[339]K	1
							2	PGAPFSIEEVEVAPPKAK	1
ADIP_HUMAN (Q9Y2D8) Afadin- and alpha-actinin-binding protein (ADIP) (Afadin DIL domain-interacting protein) (SSX2-interacting protein) [MASS=71236]	0.00	3.26	1.49	0.00	1	1	2	RELNIVAVLNC[339]M[147]NELLVLQR	1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	*	8.98	*	*	*	4	3	HEMDFDAEWLFENHDEKDSRVNASK	1
							2	IGSLASGNVRSLSQQM[147]VNRLSIPK	1
							2	TQNGQDKTNAPSRLNQSPSLAPVK	1
							3	C[330]IHC[339]LGVYTSNMTASTITLHLVHC[339]R	1

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	17.17	1.40	0.05	6	3		2	EFHGLGDC[339]IIK	1
								1	EFHGLGDC[339]IIK	2
								2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								2	EFHGLGDC[330]IIK	1
								3	YKQLFLGGVDRHK	1
								1	EFHGLGDC[330]IIK	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.04	0.00	1	1		1	GLGDC[330]LVK	2
								2	GLGDC[339]LVK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor-associated protein) [MASS=127458]	0.00	5.67	*	*	*	3		3	EDKLSSRIQSM[147]LGNYDEM[147]K	1
								3	VPFSSGQHSTQSFPPSLMSKSNMQLKPTAYVR	1
								2	YPLIVKIDLNLLTR	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	7.03	*	*	*	2		3	MC[339]M[147]TLGGRASEEIFFGRITTTGAQDDLRL	1
								2	ATAGEANVPFITVSGSEFLEM[147]FVGVGPAR	1
AIOL_HUMAN (Q9UKT9) Zinc finger protein Aiolos [MASS=57943]	0.00	4.72	1.67	0.00	1	1		3	C[339]DHC[339]RVLFLLDYVM[147]FTIHMGC[339]HGFR	1
AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	0.39	1.90	0.38	0.00	1	2		3	QKFTDEGESIKLPNSSQSSISPVGC[330]VNGK	1
								3	TLTC[339]EENLLNLHEKR	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	0.00	2.89	0.11	2.60	3	5		3	DLELTQC[330]YKQIKDM[147]QEQQQFETEM[147]LQK	1
								3	MLYDAQLSEEQGRNLELQVLLSEKVR	1
								3	EQESEKPSQELLEYNIQK	1
								3	IQSIPENSVNVAIDHLSKDKPELEVLTEDALK	1
								2	AVIQC[330]LR	3

AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	9.17	*	*	*	2	3	YSFQTHDRLC[339]FVM[147]EYANGGELFFHLSR	1
							2	DGHIKITDFGLC[339]KEGIK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	5.58	0.69	0.20	3	2	3	MPC[339]AEDYLSVVLNQLC[339]VLHEK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	M[147]PC[330]AEDYLSVVLNQLC[330]VLHEK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	16.44	1.77	0.07	3	4	3	KILGYINTGKQEGAK	1
							3	GYFIQPTVFGDVQDGMTIAKEEIFGPVM[147]QILK	1
							3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	3.31	*	*	*	2	1	C[330]AQYK	1
							2	C[330]QYVTEK	1
ALDOB_HUMAN (P05062) Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) [MASS=39342]	1.00	7.99	*	*	*	1	3	ELSEIAQSIVANGKGILAADESVGTM[147]GNR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	1.00	15.98	0.75	0.00	1	2	3	RAEVNGLAAQKQYEGSGEDGGAAAQSLYIANHAY	1
							3	C[330]JGGVIFFHETLYQKDDNGVPFVR	1
ALG6_HUMAN (Q9Y672) Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase (EC 2.4.1.-) (Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase) [MASS=58180]	0.00	3.94	0.56	0.00	1	1	3	FTLVSC[330]ALSFFLFSFQVHEK	1
							3	PVAQDQESLGLGPK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	2.09	*	*	*	5	3	AWLQAHPGRILPPLSPPQHRYSEGER	1
							2	FNLAHDC[339]GYSISELNEDDRK	1
							2	AELFGHGR	1
							2	KTGIPTLPSTFYSHTEK	1
AMOL1_HUMAN (Q8IY63) Angiotensin-like protein 1 [MASS=106573]	*	2.30	*	*	*	1	3	YLEESTIRHFAMNAAATAAER	1
AMOT_HUMAN (Q4VCS5) Angiotensin [MASS=118085]	*	8.67	*	*	*	3	3	QGNC[330]QPTNVSEYNAAALMELLREK	1
							3	GSLGILLGGDYRAEYVPSTPSPVPPSTPLLSAHSK	1
							3	AEYVPSTPSPVPPSTPLLSAHSKTSRDC[330]STQTER	1
ANGL1_HUMAN (O95841) Angiotensin-related protein 1 precursor (Angiotensin-like 1) (Angiotensin-3) (ANG-3) [MASS=56719]	*	4.89	*	*	*	1	3	GGWWYNAC[339]AHSNLNGVWYRGGHYR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.90	1.76	0.71	0.08	2	5	2	GGQIDAKTRDGLTPLHC[330]AAR	1
							2	HSTLSSSAK	1
							2	VRDTTQEPC[330]GR	1
							3	C[330]FC[330]M[147]TDDKVDKTLQEQENFAEVAR	1
							1	PVRRK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	0.00	4.20	1.15	0.00	1	10	2	IC[339]RIITKDFPQYFAVVS	1
							2	SSSSEKTPDK	1
							3	KM[147]QSELSDEEESTSRNTSLSETSR	1
							2	RM[147]LSSNIPDGF[339]EQSAFPK	1
							3	IPVKNTPRDNIIAVR	1
							2	KAC[330]ATQKQGQPEK	1
							2	AEEKAPSLPSSPEKM[147]VLSQQTEDSK	1
							3	NVETPTVEPNPSIPTSGEC[339]QEGTSSSGSLEK	1
							2	VDVISSAKITM[147]ASSLSSPVK	1
							2	SKDM[147]SQEDR	1
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	6.21	2.09	0.00	1	2	2	C[339]SSPPPPHEFRAYQLYTLYR	1
							2	SRPKVSAFSDPTPPADQQPGHQK	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	0.00	2.45	*	*	*	1	3	SEHQFNIDSM[147]VHK	5
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	0.00	1.84	0.40	0.00	1	2	3	TIANQAVPFSAC[339]TMLLDSEVYNMPLESQGDNK	1
							2	EQTEKHKSVPGYLSEK	1
ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	0.00	4.80	0.88	0.00	1	5	3	EKLIVSNEQEVL	1
							2	IKDEDHSPTFENSDC[330]TLKK	1
							2	M[147]ERKTFEK	1
							2	QM[147]ALLMQM[147]TARDNSPDSTPNHPSQTTPAQK	1
							3	ISTSC[339]SVIPETSNSDMQTKKEYVVSGEHK	1
ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	0.00	4.18	1.77	0.00	1	2	2	TALFLATER	1
							3	GFTPLHVAAVSTNGALC[339]LELLVNNGADVNYQVPEGK	1
ANRA2_HUMAN (Q9H9E1) Ankyrin repeat family A protein 2 (RFXANK-like 2) [MASS=34272]	0.00	3.19	0.26	0.00	1	1	2	ESALSLAC[330]SK	1

ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	7.10	1.25	0.00	2	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
							3	GDLENAFLNLVQC[330]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.95	0.75	0.29	2	3	2	DAISGIGTDEKC[339]LIEILASR	1
							2	QRQEVLC[330]QSYK	1
							2	M[147]LVVLLQGTR	1
AOFB_HUMAN (P27338) Amine oxidase [flavin- containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.00	7.13	*	*	*	2	2	LIGLTTIFSATALGFLAHK	1
							2	PEGNYAAIMGFILAHKAR	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.00	5.16	*	*	*	4	2	C[330]LKDEDPYVRK	1
							2	ITEYLC[330]EPLRK	1
							2	VDKITEYLC[339]EPLRK	1
							3	NVEGQDMLYQSLK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	1.00	7.27	0.40	0.79	2	4	1	KYVC[339]K	1
							2	AC[330]NQLGQFLQHR	1
							3	ALLLSTYIKFINLFPETKATIQQVLR	1
							3	AC[330]NQLGQFLQHR	1
							3	IVSSASTDLQDYTYFVPAPWLSVKLLR	1
AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	2.67	0.90	0.10	4	1	3	YPNKYESIATLC[330]ENLDSLDEPDAR	1

AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	*	3.45	*	*	*	1	2	TFITQQGIKSQHQTK	1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	0.00	3.05	0.69	0.00	1	2	2 EAASDMSPYVR 3 LC[330]NLLIDVVEEWGQVVIISMLTR	1 1	
AP4B1_HUMAN (Q9Y6B7) AP-4 complex subunit beta-1 (Adapter-related protein complex 4 beta 1 subunit) (Beta subunit of AP-4) (AP-4 adapter complex beta subunit) [MASS=83261]	0.00	3.52	0.91	0.00	1	1	3 LVYLYMC[339]TYAPLKPDLALLAINTLC[339]K	1	
APEX2_HUMAN (Q9UBZ4) DNA-(apurinic or apyrimidinic site) lyase 2 (EC 4.2.99.18) (Apurinic-apyrimidinic endonuclease 2) (AP endonuclease 2) (APEX nuclease 2) (APEX nuclease-like 2) (AP endonuclease XTH2) [MASS=57400]	0.00	2.12	0.94	0.00	1	1	3 SGYSGVATFC[339]K	1	
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	9.86	*	*	*	2	1 VYVSGLM[147]K 3 VTFLMLAVSLTVPLLGAMM[147]LLESPIDPQPLSFK	1 1	
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	*	0.26	*	*	*	1	3 FVTWIEGMMRNN 2 LSKELQAAQARLGADM[147]EDVC[330]GR	1 3	
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	0.00	9.78	0.38	0.00	1	2	2 M[147]EEM[147]GSRTR	1	
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	*	5.32	*	*	*	1	3 LHVFLFQEVLVITRAVTHNEQLC[339]YQLYR	1	

ARHG6_HUMAN (Q15052) Rho guanine nucleotide exchange factor 6 (Rac/Cdc42 guanine nucleotide exchange factor 6) (PAK-interacting exchange factor alpha) (Alpha-Pix) (COOL-2) [MASS=87498]	*	3.87	*	*	*	1	3	SSLSAANTSQTNPQGAVSSTVSGLRQSK	1
ARHG8_HUMAN (Q7Z628) Neuroepithelial cell-transforming gene 1 protein (p65 Net1 proto-oncogene) (Rho guanine nucleotide exchange factor 8) [MASS=67740]	0.00	7.21	1.02	0.00	1	2	2	LNAYRGYC[330]SNQLAAK	1
							3	ASGLSTEGATGPSADTSGSELDGRC[330]SLR	1
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	*	4.31	*	*	*	3	3	M[147]RDLM[147]ASTVGVVEIQQLRQK	1
							1	LVKAAK	1
							3	DALPSGGAGSSLSQGDPAAIWLGDSLGSMTQK	1
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	0.00	2.23	4.30	0.00	1	1	2	THGSEYYEC[339]SR	1
							3	THGSEYYEC[339]SR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	6.52	4.92	0.00	1	4	3	IENGM[147]EM[147]TNTVSQERTSDC[330]IGSEGMK	1
							2	SVKSESDITIEVDSIAEESQEGLC[339]ER	1
							3	LVYHQGGC[339]DNIDSGAVWK	1
							2	ISFLQEKLQEIR	1
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	0.88	15.93	1.21	0.00	1	1	3	RFEETGQELAELEEEKLSC[339]VPVLIFANK	1
ARP8_HUMAN (Q9H981) Actin-related protein 8 [MASS=70425]	*	2.08	*	*	*	1	2	YLEIPLKDLKYR	1
ARRD3_HUMAN (Q96B67) Arrestin domain-containing protein 3 [MASS=46394]	0.00	8.94	1.17	0.00	1	2	2	EVKQLVANLR	1
							3	FLPPPLYSEIDPNPDQSADDRPSC[339]PSR	1
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	*	3.77	*	*	*	2	1	SDYDR	1
							3	LLLYLRIVHSLDYYNTC[330]EYPNEDEM[147]PNR	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	2.11	*	*	*	2	3	ADIGIAMGIAGSDDAAK	1
							2	KNC[339]LVK	1

								3	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1
								2	C[330]SSILLHGK	1
								2	AC[330]VVHGSDLK	2
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	11.05	0.47	0.26	6	7		3	KIVEFTC[330]HTAFFVSIVVQWADLVIC[330]KTR	1
								2	AC[339]VVHGSDLK	1
								3	NIAFFSTNC[339]VEGTARGIVVYTGDR	1
								2	IISANGC[330]K	1
								2	IAGLC[330]NR	1
								1	C[330]SSILLHGK	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.00	1.96	*	*	*	1		2	GAGREYSPAATTAENGGGKK	1
								2	KYNTDC[330]VQGLTHSK	1
								2	VLGFC[339]HYLPEEQFPK	1
								3	SPDC[330]THDNPLETR	1
								1	IISAHGC[330]K	1
								2	NITFFSTNC[330]VEGTAR	2
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.97	0.52	0.27	14	8		2	YNTDC[330]VQGLTHSK	1
								2	VLGFC[330]HYLPEEQFPK	2
								2	IISAHGC[330]K	1
								2	SPDC[339]THDNPLETR	2
								2	M[147]SVEEVC[330]RK	1
								2	DVAGDASESALLK	1
								2	SPDC[330]THDNPLETR	1
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	2.43	*	*	*	1		3	GGEKMQINVQEVVLGDLVEIKGGDR	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	8.91	0.43	0.03	3	2		2	YNPNVLPVQC[330]TGKR	1
								2	YNPNVLPVQC[330]TGK	1
								2	YNPNVLPVQC[339]TGK	1

AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.94	15.52	0.66	0.17	2	3	2	TENLDVIVNVSDTESWDQHVQK	1
							2	FLNVTPNVEVNEEC[339]R	1
							2	NDVC[330]RPGR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	1.92	0.97	0.02	3	2	2	C[339]THIR	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[339]VQPATK	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	8.66	0.58	0.00	1	5	2	TEC[330]ALLGLLLDLKR	1
							2	HLDAC[330]ETM[147]GNATAIC[330]SDK	2
							3	TMMKNILGHAFYQLVVVFTLLFAGEK	1
							2	AQDGAAM[147]EMQPLKSEEGGDGDEKDK	1
							3	AGLLMSAITVIILVLYFVIDTFWVQK	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	5.95	1.08	0.00	1	5	3	ILNGAGEPRVFRPR	1
							3	KQIFGQNFIPPKK	1
							2	LYKVYTFNSVRK	1
							2	IDESSLTGESDQVRK	1
							3	TEC[339]GLLGFVLDLQDYEPVR	1
AT2B3_HUMAN (Q16720) Plasma membrane calcium-transporting ATPase 3 (EC 3.6.3.8) (PMCA3) (Plasma membrane calcium pump isoform 3) (Plasma membrane calcium ATPase isoform 3) [MASS=134258]	0.00	1.15	*	*	*	1	3	M[147]GDM[147]ANSSIEFHPK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	1.53	0.64	0.00	1	1	2	DALTQINVHYGGVQNLK[330]SR	1
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	5.93	*	*	*	3	3	TAFKTLVDEVQELEAKSQDPGAVVLGK	1
							3	WC[330]IGLYNVVM[147]FTAM[147]PPLTLGIFER	1
							2	YALTFGVRQYFLDLALSC[339]JK	2

ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	0.00	4.75	0.77	0.00	1	4	2	EVETYHR	1
							2	KSNWYLGTIKK	1
							3	TSLIQKMEQEVENFSC[330]SR	1
							3	DKIAC[339]NGDASSSQIIHISDENEGKEMC[339]VLR	1
ATF2_HUMAN (P15336) Cyclic AMP-dependent transcription factor ATF-2 (Activating transcription factor 2) (cAMP response element-binding protein CRE-BP1) (HB16) [MASS=52276]	0.00	4.11	1.00	0.00	1	1	2	NC[339]EEVGLFNLASPFENEFK	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	*	3.82	*	*	*	1	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	*	3.27	*	*	*	1	3	M[147]VNLSEC[339]M[147]DPKRLAESSVDLNLK	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	4.22	*	*	*	6	2	EC[339]IKDILTKHLVELSILAR	1
							3	HSQLLKDSDFSQEPIMALRTVILEILMEK	1
							3	LC[330]SLWLENSGVSEVNGMM[147]K	1
							3	EVEGTSYHESLYNALQSLR	1
							3	IRVC[330]ELGDEILPTLLYIWTQHR	1
							2	DGM[147]KIPTYKFLPLMYQLAAR	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidoluyasian atrophy protein) [MASS=124773]	0.00	3.88	*	*	*	3	2	YTQPSLPSQAVWSQGPPPPPPYGR	1
							3	VEEASTPKVVKQGR	2
							2	VRREAQR	1
ATP5S_HUMAN (Q99766) ATP synthase subunit s, mitochondrial precursor (ATP synthase coupling factor B) (Mitochondrial ATP synthase regulatory component factor B) [MASS=24882]	0.00	5.12	1.22	0.00	1	1	2	C[330]HYIEDDC[330]LLR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.59	16.18	1.51	0.00	1	1	2	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	0.99	5.42	*	*	*	2	3	FENAFLSHVVSQHQALLGTIR	1
							1	FNDGSDEKK	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	8.05	1.43	0.05	5	2	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							2	SMKMWAAAKYAR	1
							2	GLC[330]GAIHSSIAK	1
							2	GLC[339]GAIHSSIAK	2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	0.00	4.69	0.38	0.00	1	3	3	DKIYM[147]YGGKIDSTGNVTNELR	2
							2	TAC[339]GDC[330]TSGSSEC[330]MWC[330]SNMK	1
							2	MPSQAPTGNFYQPQLLNSSM[147]C[330]LEDSR	1
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	0.00	4.20	0.24	0.00	1	5	3	IC[330]HSHDEVFVVLMEIIAK	1
							3	LYAAM[147]HEPDGVAGVSAIRKAEPSLK	1
							2	GETFEVPEIVPFRLLTHNM[147]VNGMGPMGTEGLFR	1
							1	ISLKGSDGK	2
							3	LTHNM[147]VNGMGPM[147]GTEGLFRRAC[330]EVTMR	1
ATTS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	*	1.58	*	*	*	1	2	VASPSTHFLNLTRSSR	1
ATTS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	5.64	*	*	*	4	2	PLPSHLSWK	1
							3	FLSTAQAIC[339]LADQPKPVKEYK	1
							3	KC[330]ETKFMPPAAEGTIC[330]GHDMWC[339]R	1
							3	DSVDFRAAQC[339]AEHNSRR	1
							3		
ATTS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	8.13	*	*	*	4	2	TC[339]HLVKGDFSHAR	1
							3	IGC[339]DGIIIGSAAKEDRC[330]GVC[330]SGDGK	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
							3	NMEHLMC[330]AGLWC[330]LVEGDTSC[339]KTK	1
							3		
ATTS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	*	2.70	*	*	*	2	2	RSAGKSQK	1
							3	VGHRC[339]ETKFMPPAAEGTVC[330]GLSMWC[330]R	1
							3		
ATTS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	0.00	2.41	1.19	0.00	1	3	2	C[339]PQQQFSINLSGTGMK	1
							3	PPTQELC[330]HGNC[339]VFTR	1
							2	GTQARYVSC[330]RDALDR	1

ATS8_HUMAN (Q9UP79) ADAMTS-8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 8) (ADAM-TS 8) (ADAM-TS8) (METH-2) (METH-8) [MASS=96671]	0.00	5.39	1.13	0.00	1	2	3	NGSLPWADGTPC[339]GPGHLC[330]SEGSC[330]LPEEEVER VIDGTLC[330]GPETLAIC[330]VR	1 1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	0.00	3.20	1.47	0.00	1	3	3	SPQHVM[147]APTLNFYTNPMMWSK QC[339]ELIFGPGSQVC[339]PYMMQC[339]R IEQELLLQVLSVGKLYNPVDR	1 1 1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	*	9.14	*	*	*	2	2	AVDALKSDKK MAAAVAAPGALGSLHAGGAR	1 3
AZI1_HUMAN (Q9UPN4) 5-azacytidine-induced protein 1 (Pre-acrosome localization protein 1) (Centrosomal protein of 131 kDa) (Cep131 protein) [MASS=122060]	*	5.82	*	*	*	4	2	KRPASLSTAPSEK EC[339]TVALAPNFTANNR GPPENPRETRVPGM[147]R PTEPTDFLM[147]LFEGSPSGKKR	1 1 1 1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	0.92	*	*	*	1	2	VESLSPELR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	0.00	10.22	0.71	0.00	1	2	3	HFPLLQDVPPSKC[330]AQPVFLLLVIKSSPSNYVR YLRHRR	1 1
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	0.00	4.98	1.23	0.00	1	1	2	DEEC[339]VLEAENKK	1
BARD1_HUMAN (Q99728) BRCA1-associated RING domain protein 1 (BARD-1) [MASS=86619]	*	2.45	*	*	*	1	2	QVM[147]SSPSAM[147]KLLPNMAVKR	1

BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	0.00	3.23	1.62	0.00	1	1	2	KLPC[339]QITSYLVHAHTLGRR	1
BBX_HUMAN (Q8WY36) HMG box transcription factor BBX (Bobby sox homolog) (HMG box-containing protein 2) [MASS=105129]	0.00	2.76	0.31	0.00	1	2	3	GQRSTPLTHDGQPK	1
							2	RPMNAFLLC[330]KR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	3.36	*	*	*	2	2	VMRLNPM[147]AIDSPAMDFSR	1
							1	THM[147]HKAGSLAGR	1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	0.00	11.27	5.94	0.00	1	5	2	VIAQHVLSM[147]DC[339]RVARILGVSEEMR	1
							3	FMAEAADSYRM[147]NAERILAGFQPDEEM[147]NEIC[339]K	1
							2	VIAQHVLSMDC[339]RVAR	1
							2	ELEEELLSSEDLR	1
							2	IIQVAVELK	1
BCDO1_HUMAN (Q9HAY6) Beta,beta-carotene 15,15'-monooxygenase (EC 1.14.99.36) (Beta-carotene dioxygenase 1) [MASS=62637]	0.00	1.83	1.36	0.00	1	1	2	ASDC[339]HGAPLT	1
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	*	6.67	*	*	*	1	3	AGVGVVLSLPGGPEARGFAPLLDFM[147]YTSRLR	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.22	*	*	*	1	2	MMSTESANSFTLIGEASDGGTMENLSRR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	5.19	*	*	*	4	3	PLDLSSKVVDVDASKADHM[147]K	1
							3	LGYEELVLYC[330]LENKIC[339]DVNHR	1
							3	MGGTDAVITNVSGSVSSAGRPASASPAPANADGKTISR	1
							2	AMM[147]RFSELEMK	1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	0.21	12.24	0.54	0.33	2	2	2	FGVEAFSDC[330]LR	1
							3	M[147]ETYC[330]SSGSTDTSPVIDAVTHALTATTPYTR	1

BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase) (Histo-blood group A trans [MASS=40934]	0.00	9.04	1.83	0.00	1	2	3	M[147]EMISDFC[339]ER PMILFLIMLVLVLFYGYVLSPR	1 2
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	*	2.06	*	*	*	3	2	AGSSTLPPVKSK PSEQEMSEIKHPETINR PRYISGTVR	1 1 1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	10.20	2.43	0.09	2	9	2	HLDVDLDRQSLSSIDKNPSEK	1
							3	RAC[339]QVALDEIKAEIEK	1
							2	EIIHGIELFNKK	1
							3	SPTIRDMAIRC[339]IAQMVNSQAANIR	1
							3	ANFIEADKYFLPFELAC[330]QSKSPR	1
							3	IVFRIFDNM[147]KLPEQLSEK	1
							2	LIAYGHITGNAPDSGAPGKR	1
							2	VLQEYTSDDMNVAPGDR	1
							3	RC[339]SVTSMESTVSSGTQTTVQDDPEQFEVIK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	0.00	0.86	3.19	0.00	1	1	2	RFHPDC[339]GFLLNK	1
BIRC5_HUMAN (O15392) Baculoviral IAP repeat-containing protein 5 (Apoptosis inhibitor survivin) (Apoptosis inhibitor 4) [MASS=16389]	0.00	7.75	0.64	0.00	1	1	2	HSSGC[330]AFLSVK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	1.51	*	*	*	4	1	EVIHK	1
							3	KASTVHMM[147]LQPILTYM[147]AC[339]GYMGR	1
							2	ENGADIFLYNANR	1
							3	DKEIDLELLQDLMEVDIDPLDIDLEKDLPLAAK	1
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.00	4.19	1.12	0.00	1	1	2	AMFSLC[339]MVESGADEVNLHGVTSLGLK	1
							3	AM[147]FSLC[330]M[147]VESGADEVNLHGVTSLGLK	1
BPIL3_HUMAN (Q8NFQ5) Bactericidal/permeability-increasing protein-like 3 precursor [MASS=49716]	*	1.77	*	*	*	1	2	FLDSTLHK	1

BRAC_HUMAN (O15178) Brachyury protein (T protein) [MASS=47443]	*	4.60	*	*	*	1	3	GDPTERELRVGLEESELWLR	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	0.00	2.55	0.79	0.00	2	4	2	LSISNSNNFEVGGPPAFRIASGK	1
							3	C[330]QLILQNNIEM[147]TTGTFVEEITENYKR	1
							2	EAASHGFGKTSNGSFKVNSC[330]K	1
							2	ISLKAAVGGQVPSAC[330]SHK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	2.55	0.83	0.00	1	1	3	ISIFDPLEIILEDLTAQEM[147]SEC[339]NSNK	1
BRD9_HUMAN (Q9H8M2) Bromodomain-containing protein 9 (Rhabdomyosarcoma antigen MU-RMS-40.8) [MASS=55664]	0.00	4.59	0.37	0.00	1	2	2	LMC[330]DNAMTYNRPDTVYYK	1
							1	DRINR	1
BRI3B_HUMAN (Q8WY22) BRI3-binding protein (I3-binding protein) (Cervical cancer 1 proto-oncogene-binding protein KG19) (HCCR-1) [MASS=27835]	0.00	5.58	1.45	0.00	1	1	2	VVLFMSMC[339]VYILHK	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	0.00	3.50	0.12	0.00	1	2	2	EGC[330]ETHK	1
							2	EGC[339]ETHKVANTSSFHTTPNTSLGMVQATPSK	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.00	3.03	8.78	0.00	1	2	3	ELNC[339]GDAISLSVGDHFGKGNGLTWA EK	1
							2	QLGC[339]GKPMHVFGMTYFK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	15.96	4.06	0.10	2	2	3	ALVLDC[330]HYPEDEVGQEDEAESDIFSIR	1
							2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
							2	M[147]SGGWELELNGTEAKLVR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	0.91	0.10	3	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	3.56	*	*	*	1	2	C[339]SLEFLEDAVGC[330]APAQR	1

CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	0.00	4.28	0.49	0.00	1	5	3	AAC[339]GRIHYTEM[147]YEM[147]LTLMSPLGLGK	1
							3	C[330]NSEERGTQADWESPERR	1
							3	YLNIAFTMVFSLEEC[330]VLK	1
							3	RSNSSWLEEFM[147]ER	1
							3	GGPGPGMM[147]C[330]GAVNNLLSDTEEDDK	1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	0.00	4.78	0.81	0.00	1	5	2	RLVAMNM[147]PLNSDGTVTFNATLFLVLR	1
							2	RNQHSKHK	1
							1	GLLGNDAAPSTSSALQAGLR	1
							2	AQGEQEYQNC[339]ELDKNQR	1
							2	KEKGLLGNDAAPSTSSALQAGLR	1
CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	*	0.42	*	*	*	1	2	NSLGRAPSLK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	1.00	3.76	0.98	0.01	3	2	3	FTLC[339]PNGYYFAIDPNGYVLLHPNLQPK	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1
							2	TPNNPSC[330]NADLINR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	*	2.03	*	*	*	1	3	C[330]GEDYKLHFIFR	1
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	0.00	5.65	1.19	0.00	1	3	3	KLSLISC[339]KNIISLMDTSGNGK	1
							1	PGEIVK	1
							3	RGSLLGC[330]FIDTR	1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	*	1.33	*	*	*	1	2	LQLYVFVM[147]RC[330]IAYPFNAK	1
CAPS2_HUMAN (Q86UW7) Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) [MASS=147734]	*	1.16	*	*	*	2	2	DADRFQK	1
							2	M[147]DKPAHMK	1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	0.91	3.49	0.89	0.00	1	3	1	C[339]LPSSR	1
							2	LSILPFPPSAGSILR	1
							2	ALNPAKLTPYLRQC[330]R	1

CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	*	1.22	*	*	*	1	3	GIQLQRAKSPISLK	1
CARKL_HUMAN (Q9UHJ6) Carbohydrate kinase-like protein (EC 2.7.1.-) [MASS=51504]	*	4.18	*	*	*	1	2	AAPDDPSGFAVLASC[330]JARAAR	1
CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	0.00	2.22	0.97	0.01	2	3	2 SLNIIENSSAPIC[339]ENK 3 TIYSGEENMDITKSHTVAIDNQIFK 2 AQVESC[330]QLNNR 3 TIYSGEENM[147]DITKSHTVAIDNQIFK	1 1 1 1	
CASP9_HUMAN (P55211) Caspase-9 precursor (EC 3.4.22.-) (CASP-9) (ICE-like apoptotic protease 6) (ICE-LAP6) (Apoptotic protease Mch-6) (Apoptotic protease-activating factor 3) (APAF-3) [Contains: Caspase-9 subunit p35; Caspase-9 subunit p10] [MASS=46281]	0.00	6.01	0.63	0.00	1	1	3 GSQALPLFISC[330]LEDTGQDMLASFLR	1	
CASP_HUMAN (Q13948) Protein CASP [MASS=77455]	0.00	10.62	1.20	0.00	1	4	3 LAWSESMERDC[339]ATFC[330]AK 2 ELIARLEQDLSIIQSIQR 2 ISNSDLSGRC[330]AELQVR 2 PLEVLLLEKNRSLQSENAALR 2 ISNSDLSGRC[339]AELQVR 3 ISNSDLSGRC[339]AELQVR	1 1 1 1 1 1	
CATL2_HUMAN (O60911) Cathepsin L2 precursor (EC 3.4.22.43) (Cathepsin V) (Cathepsin U) [MASS=37329]	0.00	8.68	0.13	0.00	1	2	2 NLDHGVLVVGYGFEGANSNNSK 2 QM[147]M[147]GC[330]FR	1 1	
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	0.53	5.44	3.53	0.00	1	1	3 GC[339]NGGFM[147]TTAFQYIIDNK	1	
CCD37_HUMAN (Q494V2) Coiled-coil domain-containing protein 37 [MASS=71117]	*	4.09	*	*	*	2	2 ILQEEHLQRARAR 2 NVEPENMSGYIK	1 1	
CCDC4_HUMAN (Q6ZU67) Coiled-coil domain-containing protein 4 [MASS=57856]	0.00	4.15	0.84	0.00	1	1	3 AAAAASSSSPSC[339]TPATSQGHLLR	1	
CCL5_HUMAN (P13501) Small inducible cytokine A5 precursor (CCL5) (T-cell-specific RANTES protein) (SIS-delta) (T cell-specific protein P228) (TCP228) [Contains: RANTES(3-68); RANTES(4-68)] [MASS=9990]	0.00	13.19	4.49	0.00	1	1	3 C[339]SNPAVVVFVTRK	1	

CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin-G) [MASS=34074]	0.00	7.46	0.86	0.00	1	2	2	LIESAHDNGLRMTARLR AC[339]HC[339]R	1 1
CD1D_HUMAN (P15813) T-cell surface glycoprotein CD1d precursor (CD1d antigen) (R3G1) [MASS=37717]	0.00	6.87	1.01	0.00	1	1	2	ETVQWLLNGTC[339]PQFVSGLLESGK	1
CD37_HUMAN (P11049) Leukocyte antigen CD37 (Tetraspanin-26) (Tspan-26) [MASS=31703]	0.00	9.96	0.60	0.00	1	1	3	C[339]LLGLYFGM[147]LLLLFATQITLGILISTQR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.56	0.06	2	2	2 2	LRENELTYYC[330]C[330]K FEHC[330]NFNDVTTR	1 1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.98	21.61	0.71	0.00	1	2	2 3	TFHETLDC[339]C[339]GSSTLTALTTSVLK DQIAKDVKQFYDQALQQAVVDDDANNAK	1 1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	*	5.24	*	*	*	1	3	LKQEMGGIVTELIR	2
CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	0.00	4.56	2.10	0.00	1	1	2	C[339]GTNTM[147]ERESEQTK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	0.99	13.22	0.90	0.06	2	2	3 1	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK NREMV	2 1
CDK5_HUMAN (Q00535) Cell division protein kinase 5 (EC 2.7.11.22) (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) (Serine/threonine-protein kinase PSSALRE) [MASS=33304]	0.66	9.25	2.04	0.00	1	2	2 2	LHDVLHSDK ISAEELQHPYFSDFC[339]PP	1 1

CDK6_HUMAN (Q00534) Cell division protein kinase 6 (EC 2.7.11.22) (Serine/threonine-protein kinase PLSTIRE) [MASS=36938]	0.00	8.90	1.54	0.00	1	1	3	APEVLLQSSYATPVDLWSVGC[339]IFAEMFRR	1
CDKL1_HUMAN (Q00532) Cyclin-dependent kinase-like 1 (EC 2.7.11.22) (Serine/threonine-protein kinase KKIALLRE) (Protein kinase p42 KKIALLRE) [MASS=41701]	0.00	4.48	1.01	0.00	1	1	2	LTC[330]EQLLHHPYFENIR	1
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	0.00	3.81	0.92	0.00	1	3	2 ISWLHNGKTLDGNLEHIK 3 MQC[330]FNEGGSEFSNVMIC[330]JETKVKR 1 VPESNPK	1 1 4	
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	*	2.16	*	*	*	1	3	PSGMQMHPVQSQASFPKTPAATSQEEVPPHK	1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	0.00	2.49	0.39	0.00	1	4	2 EPC[339]ENYMKC[330]VSVLR 3 DIGNYSC[330]AAQGTQTGSKK 3 GC[330]MQGVRMGGTPTNVATLNM[147]NNALKVR 3 DANSVITYQLTGGNTR	1 1 1 1	
CELR2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	*	0.51	*	*	*	1	3	ATDGDAPPNANILYR	1
CELR3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	0.00	1.51	0.02	0.00	1	4	3 C[339]VPGVC[339]RNGGTC[339]TDAPNGGFR 2 FQRPLC[330]R 3 HYLRVTAQDHGSPR 2 RQSARNSR	1 1 1 1	
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	0.00	7.57	0.32	0.00	1	3	2 LM[147]C[330]ELGNVIINQIYEAR 2 EGPGLVMEGHFKR 3 DSEGRDPLTIAMETANADIVTLR	1 1 1	
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	*	2.57	*	*	*	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	0.00	4.87	3.28	0.00	1	2	3 LMC[339]ELGNSAVNQIYEAQC[330]EGAGSR 2 C[339]IQEFISLHLEES	1 1	

CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	0.00	4.93	0.78	0.00	1	3	3	PDVLETM[147]ALLFSGADVMC[330]ATGDPVHSTPYLLAKK	1
							3	GWFAM[147]DKSSLHFC[330]LQM[147]QEVQGDRMHLR	1
							3	ILKQLQIILSKMQDPIYANVHK	1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	*	3.55	*	*	*	3	2	HQAM[147]EAMLLYLASRVGDTK	1
							2	GLGAGVSKVR	1
							3	AQEGWFSLSGSELR	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	0.00	3.74	0.83	0.00	1	6	3	HEC[330]QNLESEPIR	1
							2	GFADIPTGKTSPYILR	1
							3	EADEYLDKYC[339]SLLISHEKLEK	1
							3	QRSSGIWENGGGPTPATPESFSK	1
							3	EQNLSSQVEC[330]LELEKAQLLQGLDEAK	1
							3	NKEIQELEQLLSSERQELDC[330]LR	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	9.21	*	*	*	3	3	QDENEGIKVEDLLFIVDTM[147]LEEEVENKEK	1
							3	EDESQSEEENDYR	1
							2	ANDLEQIMESVKSK	1
CERKL_HUMAN (Q49MI3) Ceramide kinase-like protein [MASS=62622]	*	1.79	*	*	*	1	2	NRVSALEGGR	2
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	3.61	*	*	*	2	3	KLLDEDISIFSGSEM[147]LPVVK	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	*	4.57	*	*	*	2	3	LLETKYKSLVTTAIQQC[330]VQYFEM[147]C[330]K	1
CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	*	9.69	*	*	*	3	2	GEQISKLKK	1
							3	MRQHRDPHILQK	1
							3	QLNEINYEDHKLKSGTNTK	1
CFP1_HUMAN (Q8ND76) Cyclin fold protein 1 (Cyclin box protein 1) [MASS=39336]	0.00	3.23	2.46	0.00	1	1	2	GGSFRLQEGQALEYVC[330]PSGFYPYPVQTR	1
							3	EDYLDVYVFGVGPLVNQVNIINALASK	1
							2		
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	7.16	1.39	0.09	3	3	2	C[339]VALAIYHIK	1
							3	C[339]EFQDAYVLLSEK	1
							1	C[339]EFQDAYVLLSEK	1
							2	C[330]EFQDAYVLLSEK	1
							2	DGVTVAKSIDLKDK	1

CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	5.73	1.48	0.00	2	1	2	YESHPVC[339]ADLQAK YESHPVC[330]ADLQAK	1 1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	*	0.82	*	*	*	1	3	GSTSGFLNIM[147]M[147]ELK	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	*	0.65	*	*	*	1	2	YERIDGGITGALR	1
CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	0.00	1.82	5.09	0.00	1	2	2	LSPSSSSSSSSSSSSSTDESEDEK NYSYLHC[339]EWATISQLEK	1 1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	*	10.27	*	*	*	1	3	RYAPDPVLRGAGHITVFGLSNK	1
CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	*	6.33	*	*	*	1	3	PPKELVNEWSLKIR	1
CHSS1_HUMAN (Q86X52) Chondroitin sulfate synthase 1 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1) (Chondroitin sulfate synthase 1) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltran [MASS=91729]	0.00	8.85	1.12	0.00	1	3	3	LALEPGENFC[339]M[147]GGPGVIMSREVL IVYSGKVPSDNHFAFTQKTGFWR FAGVQC[339]VWSYEM[147]QQLFYENYEQNK	1 1 1
CHST3_HUMAN (Q7LGC8) Carbohydrate sulfotransferase 3 (EC 2.8.2.17) (Chondroitin 6-sulfotransferase) (Chondroitin 6-O-sulfotransferase 1) (C6ST-1) (C6ST) (Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0) (GST-0) [MASS=54673]	0.00	7.52	1.69	0.00	1	2	3	WRFSM[147]PFKLAQVVQAPC[330]GPAMR LAQVVQAPC[339]GPAM[147]R	1 1

CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832]	*	2.56	*	*	*	1	3	QDVC[339]KTLC[330]TR	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	0.00	2.66	1.64	0.00	1	1	2	AVC[339]GQPGM[147]PR	1
CI032_HUMAN (Q9BV86) Protein C9orf32 [MASS=25256]	*	12.61	*	*	*	2	2	EGPNKTGTSC[339]ALDC[339]GAGIGR RLLLPLFR	1 1
CI038_HUMAN (Q9UI66) Protein C9orf38 [MASS=13396]	0.00	13.56	0.48	0.00	1	1	2	HNYKATC[330]LMRFLPLQR	1
CI043_HUMAN (Q8TAL5) Protein C9orf43 [MASS=52221]	0.23	3.47	1.89	0.00	1	1	2	QTM[147]LC[339]PEMKIKLAMMK	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	1.24	*	*	*	2	3 2	RPMNAFMIFSKR FAELPEFR	1 2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	3.65	1.51	0.05	2	2	1 2 2	LPC[339]VAAK YTC[339]QREFALK LPC[339]VAAK	1 1 1
CJ067_HUMAN (Q8IYJ2) Protein C10orf67 [MASS=21463]	0.00	32.07	0.46	0.00	1	2	3 3	AHYVMSIVIRWVHC[330]FSSSLRGTFGTR GSTRNLNISDDLKIGFFSTDHATQTDSSEILSVK	1 1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.31	0.05	9	4	2 2 3 2 2 1 3 2	IVHAFDM[147]EDLGDKAVYC[339]R KFPFC[330]DGAHTK KFPFC[339]DGAHTK AVYC[339]R FPFC[339]DGAHTK KFPFC[339]DGAHTK FPFC[339]DGAHTK IVHAFDM[147]EDLGDKAVYC[339]R FPFC[330]DGAHTK	1 1 1 1 1 1 1 1 1
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	0.00	10.30	0.81	0.00	1	1	3	TETESNVNAYEEC[339]PSGIPIDM[147]WNK	1
CJ093_HUMAN (Q5SR76) Protein C10orf93 [MASS=46712]	0.00	11.36	4.70	0.00	1	3	3 1 2	KMESKVSGFM[147]TLLPGDEALLTVQLDK SHVPQK QPEVSEDC[339]IQM[147]YFK	1 1 1

CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	4.38	*	*	*	5	3	PDLLKVVRELLGQLFLTEQEVSGEHLDGK	1
							2	QHMNTM[147]IK	1
							2	PHDELKLSLC[330]EAQLVK	1
							2	VSDLIQLVKELYTDNQHLKK	1
							2	LHKKLFEQEK	2
CLC10_HUMAN (Q8IUN9) C-type lectin domain family 10 member A (C-type lectin superfamily member 14) (Macrophage lectin 2) (CD301 antigen) [MASS=35446]	0.00	18.04	2.67	0.00	1	2	3	LC[330]SGPC[330]HLLLSLGLLLLLVIIC[330]VVGFGNSK	1
							3	WNDDVC[339]QRPHYWVVC[339]EAGLGQTSQESH	1
CLC14_HUMAN (Q86T13) C-type lectin domain family 14 member A precursor (Epidermal growth factor receptor 5) (EGFR-5) [MASS=51635]	0.00	6.73	10.17	0.00	1	1	2	SC[339]VTSGEGQPTLGGTGVPTRRPPATATSPVPQR	1
							3	IHEGC[330]EEPATHNALAK	2
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.91	0.76	0.25	3	2	3	IHEGC[339]EEPATHNALAK	1
							1	HNIMDFAMPYFIQVMK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.40	*	*	*	2	1	HLIM[147]AVR	1
							3	KDHLKDYK[147]QHAAESR	1
CLIC2_HUMAN (O15247) Chloride intracellular channel protein 2 (XAP121) [MASS=28356]	0.00	4.86	6.96	0.00	1	1	3	ESFDVGC[339]NLFAK	1
CLN8_HUMAN (Q9UBY8) Protein CLN8 [MASS=32815]	0.00	10.49	0.19	0.00	1	1	3	STLMVAGVFVYLGVFVVC[330]HQLSSSLNATYR	1
							3	NSSEEKEAM[147]NSIC[339]QTALSADGK	1
CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=81116]	*	11.29	*	*	*	4	2	KIQSSLSSASPSKATK	1
							2	TRTSSEASMDAAYLDK	1
							3	VPITPENPC[339]KEIIGGTSESEPMLSHTVR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	1.24	0.00	2	2	2	AGQTTYSGVIDC[330]FRK	2
							2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIFPVYAH[330]K	1
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	*	9.48	*	*	*	3	2	KRMTFVQFR	1
							3	IC[330]SFTTFM[147]RNK	1
							3	IQDTLDLVMKTLSSHTSC[339]PK	1
CN129_HUMAN (Q9P0R6) UPF0279 protein C14orf129 [MASS=15648]	0.00	12.23	0.50	0.00	1	1	3	C[330]ADVAYINVETKERNR	1

								2	RPPGVLHC[339]TTK	2
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	4
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	1
								3	LDC[339]AQLKEK	1
								2	DKPELQFPFLQDEDTVATLLEC[339]K	1
								2	RPPGVLHC[330]TTK	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	22.57	1.12	0.12	20	7		2	DKPELQFPFLQDEDTVATLLEC[330]K	1
								2	RLDEDLAAYC[339]R	1
								2	LDEDLAAYC[330]R	1
								2	AHITLGC[339]AADVEAVQTGLDLLEILR	2
								1	FC[339]DYGK	1
								3	RPPGVLHC[339]TTK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	2
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.98	2.65	0.42	0.00	1	2		2	VIIEC[330]KPK	1
								2	VLEPM[147]PSTAEISTSGAVLK	1
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.00	3.54	0.69	0.00	1	5		2	LGLYGC[330]PYK	1
								1	FPRGVSR	1
								2	IRAVATQGSFNWDWVTR	1
								2	LHGISGWSPR	1
								1	PWVLR	1
CO6A2_HUMAN (P12110) Collagen alpha-2(VI) chain precursor [MASS=108573]	0.00	3.04	1.98	0.00	1	1		3	TDC[339]PIHVYFVLDTSESVTM[147]QSPTDILLFHMK	1
CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	0.00	2.55	0.37	0.00	1	4		2	GEMGQPGPSGER	1
								2	LYAADIVFLLDGSSSIGR	1
								3	GEPGPPGPPGRLVDTGPGAREK	1
								3	AVTGSTEAC[330]HPFVYGGC[330]GGNANR	1
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	0.00	9.01	16.74	0.00	1	4		2	GC[330]PGRFVYTALNEPTIDYGFQR	1
								2	SC[339]SSASPR	1
								3	AAPPKLPTPLQSPRR	1
								2	ARGQAPGSGGR	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	4.85	0.75	0.07	3	1		2	M[147]LPDKDC[330]R	1
								2	M[147]LPDKDC[339]R	1
								2	MLPDKDC[339]R	1

COPA_HUMAN (P53621) Coatomer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	0.00	3.92	1.13	0.00	1	3	3	C[339]LFTLLGHLDIYR	1
							2	VKGNNVYC[330]LDREC[339]R	1
							3	GVNWAAFHPTMPLIVSGADDR	1
COPG_HUMAN (Q9Y678) Coatomer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	0.00	2.75	0.76	0.00	1	2	2	ALC[330]QITDSTMLQAIER	1
							2	YIRFIYNR	2
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	3.35	1.09	0.00	1	1	3	VAHLGC[339]HSDLVTDLDFSPFDDFLATGSADR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.51	0.00	2	1	1	C[330]GAHYK	1
							1	C[339]GAHYK	1
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.94	26.98	1.03	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CP2D6_HUMAN (P10635) Cytochrome P450 2D6 (EC 1.14.14.1) (CYPIID6) (P450-DB1) (Debrisoquine 4-hydroxylase) [MASS=55769]	0.00	11.87	1.42	0.00	1	2	3	PFRFHPEHFLDAQGHFVKPEAFLPFSAGR	1
							3	YPPGPLPLPGLGNLLHVDFQNTPYC[339]FDQLR	1
CP343_HUMAN (Q9HB55) Cytochrome P450 3A43 (EC 1.14.14.1) [MASS=57669]	0.00	5.37	*	*	*	1	3	LGIPGPTPLPFLGTILFYLRGLWNFDR	1
CPLX1_HUMAN (O14810) Complexin-1 (Complexin I) (CPX I) (Synaphin-2) [MASS=15030]	0.00	17.91	0.33	0.00	1	1	2	KAIPPGC[330]GDEVEEEDSILDTVIK	1
CPNE3_HUMAN (O75131) Copine-3 (Copine III) [MASS=60130]	*	7.45	*	*	*	2	3	VEC[339]YDYDNDGSHDLIGTFQTTMTKLK	1
							2	VVLFEM[147]EARKLDNK	1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	0.00	5.92	1.74	0.02	2	3	2	DTLTKPHPC[339]VLLK	1
							2	SC[339]SSPVFSR	1
							2	FLVYDYDSSGK	1
CRSP8_HUMAN (Q6P2C8) CRSP complex subunit 8 (Cofactor required for Sp1 transcriptional activation subunit 8) (Transcriptional coactivator CRSP34) (P37 TRAP/SMCC/PC2 subunit) [MASS=35432]	*	2.25	*	*	*	1	1	SFMTWLR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	3.12	2.01	0.01	3	1	2	HEQNIDC[339]GGGYVK	2
							2	HEQNIDC[330]GGGYVK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	1.00	2.87	0.60	0.14	3	1	2	GVKPAHC[330]JEK	2
							2	GVKPAHC[339]JEK	1

CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	0.00	0.75	0.35	0.00	1	1	2	VC[330]EGPK	1
CSK1_HUMAN (Q8WXD9) Caskin-1 (CASK-interacting protein 1) [MASS=149813]	*	3.35	*	*	*	2	1	PSSHLPPTPRATTR	1
							3	RASDLAGSVDTGSAGSVKSIAAMLELSSIGGGGR	1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	0.00	0.87	2.82	0.00	1	3	1	VHYFC[330]JK	1
							3	C[339]EDPGIPNYGYR	1
							3	SNGQWSSPLPTC[330]R	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.06	0.45	0.21	4	5	2	EETVMMEGSGDAAFR	1
							2	FTFEEAAKEC[330]ENQDAR	2
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.00	2.80	0.63	0.00	1	3	2	C[330]GGPAPGVR	1
							3	C[330]GGPAPGVRTVYR	1
							2	DRYALTFEAQEAC[339]R	1
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSR2P-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.00	4.48	0.38	0.00	1	2	2	AGIATFMIYHLIQTTC[330]M[147]GK	1
							3	PPTMKPEGEKLSASTLK	1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	*	8.10	*	*	*	2	3	HLKNVEATHFSPLEPEEFQLPWR	1
							3	MC[339]VIC[339]FVKALVRVFK	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	*	2.69	*	*	*	1	3	GVAEVL RDGDC[339]PAVLIPSK	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	0.83	3.84	0.42	0.00	1	2	2	NLALC[330]PANHAPLR	1
							3	LIILASGGPQALVNIMR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	0.00	0.57	1.00	0.00	1	1	2	NVEFIHLLQRC[330]K	1
CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	0.00	14.95	1.62	0.00	1	3	3	EYYRLLNVEEGC[339]SADEV R	1
							3	MLPYFGIIRNRM[147]M[147]STHK	1
							3	EYYRLLNVEEGC[339]SADEVRESFHK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	0.00	6.35	5.35	0.00	1	1	3	AALLFVSSVC[339]IGLALTLC[339]ALVIRESC[339]AK	1

CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	0.00	9.05	0.55	0.00	1	2	3	AM[147]HQAQTM[147]EGC[339]SSPMVVK	1
							3	AM[147]AQTAIKAMHQAQTMEGC[330]SSPM[147]VVK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	0.00	3.99	0.69	0.00	1	4	2	PWNKLTVR	1
							3	VLGLSQGSVSDM[147]LSR	1
							3	MKQFLSDEQNILALR	1
							2	EAQDAPGLDPQGAADC[330]AQGVLR	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	1.74	*	*	*	1	3	LHENYYAM[147]YLKYLRSVR	1
CXA1_HUMAN (P17302) Gap junction alpha-1 protein (Connexin-43) (Cx43) (Gap junction 43 kDa heart protein) [MASS=42877]	0.00	7.61	0.52	0.00	1	3	2	VKMRGGLLR	1
							2	GLLRITYIISILFK	1
							2	DC[339]GSQK	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	11.38	1.37	0.05	4	2	2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							1	HLVGVC[330]YTEDEAK	1
CY24B_HUMAN (P04839) Cytochrome b-245 heavy chain (p22 phagocyte B-cytochrome) (Neutrophil cytochrome b 91 kDa polypeptide) (CGD91-phox) (gp91-phox) (gp91-1) (Heme-binding membrane glycoprotein gp91phox) (Cytochrome b(558) subunit beta) (Cytochrome b558 [MASS=65204]	0.00	5.98	0.65	0.00	1	1	3	NPEGGLYLAVTLLAGITGVVITLC[339]LILIITSSTK	1
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.00	11.64	0.14	0.00	1	1	3	TQPNLDNC[330]PFHDQPHLK	1
DAPK1_HUMAN (P53355) Death-associated protein kinase 1 (EC 2.7.11.1) (DAP kinase 1) [MASS=160220]	0.00	2.23	2.34	0.00	1	2	2	DLSSGTMVDVPALIK	1
							2	WLC[339]TNVLGKLLSVETPR	1
DAPK3_HUMAN (O43293) Death-associated protein kinase 3 (EC 2.7.11.1) (DAP kinase 3) (DAP-like kinase) (DIK) (ZIP-kinase) [MASS=52535]	0.00	5.29	*	*	*	1	3	QEDVEDHYEMGEELGSGQFAIVRK	1

DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	*	3.11	*	*	*	1	2	LQEKELDLSELDDPDSAYLQEAR	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	*	5.93	*	*	*	1	2	GLSDIHRMPAILDGEEAVSK	1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	*	3.52	*	*	*	2	2 2	LVTVIRSGVK TAHSFEQVLTDITEAIK	1 1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	*	10.26	*	*	*	2	3 2	LSGVERANSVTWNPBKMMGVPLQC[339]SALLVR EIIGWPGGSGDGIFSPGGAISNMYAM[147]MIAR	1 1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	0.00	7.36	*	*	*	1	3	YIANLGHGLYPDMDPEHVGAFVDAVHK	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.22	14.75	0.69	0.00	1	2	2 2	GALDM[147]LTKVM[147]ALELGPHKIR GVPGAIVNVSSQC[330]SQR	1 1
DDAH1_HUMAN (O94760) NG,NG-dimethylarginine dimethylaminohydrolase 1 (EC 3.5.3.18) (Dimethylargininase-1) (Dimethylarginine dimethylaminohydrolase 1) (DDAH1) (DDAH-1) [MASS=30990]	*	7.04	*	*	*	1	2	EVDM[147]MKEALEKLQLNIVEM[147]K	1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	*	2.85	*	*	*	1	3	AFQAMQVHC[330]NNMHTLGARLPGGVEC[339]R	1
DDX1_HUMAN (Q92499) ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (DEAD box protein 1) (DEAD box protein retinoblastoma) (DBP-RB) [MASS=82432]	*	6.08	*	*	*	2	3 3	VTYGQKRAAGGGSYK IM[147]HFPTWVLDKGEDSVPTVHHVVVPVNP	1 1

DDX46_HUMAN (Q7L014) Probable ATP-dependent RNA helicase DDX46 (EC 3.6.1.-) (DEAD box protein 46) (PRP5 homolog) [MASS=117460]	0.00	3.00	0.29	0.00	1	2	2	RGAEIIVC[330]TPGR	1
							2	QTVM[147]FSATFPRAM[147]EALARR	1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	*	3.58	*	*	*	1	2	ILYQNTEALQSK	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	0.00	0.86	1.21	0.00	1	1	2	YNC[339]HQEIR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	3.82	*	*	*	2	3	PRMDDGLLEVVGVTGVVHMGQVQGGLRSGIR	1
							1	GLHKR	1
DHB2_HUMAN (P37059) Estradiol 17-beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (Microsomal 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH) [MASS=42785]	*	5.17	*	*	*	1	3	AAVTMFSSVMRLELSKWGIK	1
DHDDS_HUMAN (Q86SQ9) Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	0.00	6.31	0.44	0.00	1	1	2	C[330]QVERQEGHSQGFNKLAETLR	1
							3	AKPYEGSILEADC[339]DILIPAASEK	3
							2	AKPYEGSILEADC[339]DILIPAASEK	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	24.37	2.36	0.06	11	7	3	IHKPC[339]NHVLSLSFPIR	1
							3	IFLERNIM[147]VIPDLYLNAGGVTVSYFEWLK	1
							3	EM[147]SWIADTYASTIGHYDINAHAC[330]VTGK	1
							2	TPC[330]KGGIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IHKPC[339]NHVLSLSFPIR	1
							2	IHKPC[330]NHVLSLSFPIR	1
							2	AGPAALGSASADSAALLGWAR	1
							2	C[339]AVVDVPPFGGAK	1
							1	C[339]AVVDVPPFGGAK	1

DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.56	15.57	0.25	0.00	1	2	2	GAVHQLC[330]QSLAGK LLGEEKVDAILC[339]VAGGWAGGNAKSK	1 1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	9.04	1.39	0.12	3	3	2	AAFGLSEAGFNTAC[330]VTK AC[339]ALSIEESC[339]RPGDK HVNGQDQIVPGLYAC[339]GEAAC[330]ASVHGANR HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANR	1 1 1 1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	9.29	1.95	0.04	6	3	1	KFAIYR C[330]HTIM[147]NC[330]TR C[330]HTIMNC[330]TR C[339]HTIMNC[339]TR GAQTAAATAPR C[339]HTIM[147]NC[339]TR	1 1 1 1 1 3
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	*	3.43	*	*	*	2	3	ATISLSDSDLLRLEGDSR DTILNAIEQHPVVVISGDTGC[339]GK	1 1
DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	*	3.46	*	*	*	3	3	TTQIPQFILDSDLNGPPEKVANIIC[330]TQPRR EGLRAREIEK GGGKGSSR	1 1 1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	0.00	5.49	2.87	0.00	1	3	3	FHQTEGDHLLAVYNSWKNNK FSNPWC[339]YENFIQARSLRR AYRDEM[147]LTTNVPEIQRTNLASTVLSLK	1 1 1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	0.00	8.98	0.93	0.00	1	6	3	VILSTNIAETSITINDVVYVIDSC[339]K AIEPPPLDAVIEAEHTLR IRTRISAK QKFM[147]C[330]EVQVEGYNYTGMGNSTNKK M[147]ARYDNGSGYRR KFESEILEAISQNSVVIIRGATGC[339]GK	1 1 1 1 1 1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	*	5.86	*	*	*	4	2	M[147]M[147]EDM[147]NLNEDKKAPLR PEISMRR M[147]MILEVDETRLAESMIQNLIK SFSKLELVLLM[147]GNYMNAGSR	1 1 1 1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	5.66	*	*	*	3	3	ELMQM[147]LDPGDTGVVNTSMFIDLIEENC[339]RM[147]R M[147]QEVLEEC[330]GC[339]SLTEGELTHLLNSWGVSR YPDFLSRFSSSETAATPMATGDSAVAQR	1 1 1

DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	9.04	1.22	0.01	3	2	2	VC[330]HAHPTLSEAFR	1
							3	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	1
							2	VC[339]HAHPTLSEAFR	1
DLL1_HUMAN (O00548) Delta-like protein 1 precursor (Drosophila Delta homolog 1) (Delta1) (H-Delta-1) [MASS=77956]	0.00	1.11	0.98	0.00	1	1	2	NC[330]SAPVSR	1
DMBT1_HUMAN (Q9UGM3) Deleted in malignant brain tumors 1 protein precursor (Glycoprotein 340) (Gp-340) (Surfactant pulmonary-associated D-binding protein) [MASS=260734]	0.00	4.19	5.26	0.00	1	4	2	VC[330]DGARGSFSSSNFM[147]SIRFISDHSITR	1
							3	C[339]VWDIEVQNNYR	1
							3	PTPSPDTWPTSHASTAGSESSLALRLVNGGDR	1
							3	GRVEVLYRGSWGTVC[330]DDYWDTNDANVVC[339]R	1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	*	2.97	*	*	*	4	3	M[147]EQMSLM[147]ALADTIATTSTDIGESRDR	1
							3	QSIFRNIGTGVMQIETGPANHIFSC[330]GADGTMKMR	1
							3	AVIWGLYRAEK	1
							3	AGC[339]PM[147]LALEVLKMPKVIK	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	0.63	2.00	0.00	1	1	2	C[339]IAGEVAIVRDPDAGEGTK	1
DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.93	6.07	1.95	0.00	1	2	2	IGLVEALC[339]GFQFTFK	1
							2	DGNDLHM[147]TYK	1
DNL4_HUMAN (P49917) DNA ligase 4 (EC 6.5.1.1) (DNA ligase IV) (Polydeoxyribonucleotide synthase [ATP] 4) [MASS=103970]	0.00	3.84	0.14	0.00	1	2	2	PEYVSGLM[147]DELDILIVGGYWGK	1
							2	KAPPSSILC[330]GTEK	2
DNM3L_HUMAN (Q9UJW3) DNA (cytosine-5)-methyltransferase 3-like [MASS=43670]	0.91	5.94	*	*	*	1	3	VHAM[147]SNWVC[339]YLC[330]LPSSRSGLLQR	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	*	2.49	*	*	*	1	2	QKMM[147]ARLLR	1
DOC10_HUMAN (Q96BY6) Deducator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	0.00	3.11	6.00	0.00	1	3	3	EHEKDPEMLVDLQYSLANSYASTPELRR	1
							2	KVSELNQLC[339]TM[147]EEVDM[147]IR	1
							3	DM[147]SQSPTSNFIRSC[339]KNLLNVEK	1

DOCK1_HUMAN (Q14185) Deducator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	*	4.56	*	*	*	4	2	LLPGDIHQIR	1
							3	IGEDAEVLSLYDPVESKFISENYLVRWSSSGLPK	1
							2	QHFIFQPVAGENDFLQTVINKVIAAK	1
							3	NSKHQEIFEKEFK	1
DOCK4_HUMAN (Q8N110) Deducator of cytokinesis protein 4 [MASS=225147]	*	5.04	*	*	*	6	2	TELNKEEMYIRYIHK	1
							2	DWTVM[147]RLVANNVIITTVLYLSDALRK	1
							3	DIYITVHIIRIGR	1
							3	DTPVQASSHHLFVQM[147]K	2
DOCK8_HUMAN (Q8NF50) Deducator of cytokinesis protein 8 [MASS=230819]	*	4.38	*	*	*	5	2	LVANNVIITTVLYLSDALRK	1
							2	IGRMGAGEK	1
							3	TRISVIQKEEFVLTPIEVAIEDM[147]K	1
							2	ARLEEALLRGEGAR	1
DOCK8_HUMAN (Q8NF50) Deducator of cytokinesis protein 8 [MASS=230819]	*	4.38	*	*	*	5	3	KAVSAIHSSLLSSHDLDPRC[339]VK	1
							2	LPPNYSM[147]HSAEKVPLQNPPIK	1
							2	FPLNENLR	1
							2	FPLNENLR	1
DOK1_HUMAN (Q99704) Docking protein 1 (Downstream of tyrosine kinase 1) (p62(dok)) (pp62) [MASS=52391]	*	6.44	*	*	*	1	3	LDC[330]KVIRLAEC[330]VSVAPVTVETPPEPGATAFR	1
DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	0.49	6.94	0.37	0.00	1	3	3	MREYYITM[147]VKWATSTK	1
							2	FTGKINTSR	1
							3	DYGGYLSTYILPAKGENQGQFTFC[330]GSALSPITDFK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.77	0.62	0.23	3	2	3	THNSSLEYNIFEGM[147]EC[330]R	1
							2	FQLTDC[330]QIYEVLVIR	1
							2	THNSSLEYNIFEGM[147]EC[330]R	1
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	*	1.68	*	*	*	2	2	LKQLQDAHR	1
							1	HAFPSVR	1
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	0.00	2.35	0.50	0.00	1	1	2	VNLEEC[330]LKSASLIRSSDPAFR	1
DSG4_HUMAN (Q86SJ6) Desmoglein-4 precursor [MASS=113824]	0.00	1.35	0.27	0.00	1	1	3	DGAADGLSSEC[330]DC[330]R	1

DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	*	2.02	*	*	*	1	3	PYSSVPAGSEKPPKGSYNPLPLK	1
DUS23_HUMAN (Q9BVJ7) Dual specificity protein phosphatase 23 (EC 3.1.3.48) (EC 3.1.3.16) (Low molecular mass dual specificity phosphatase 3) (LDP-3) (VH1-like phosphatase Z) [MASS=16588]	0.00	16.67	1.13	0.00	1	1	2	TGTMLAC[339]YLVKERGLAAGDAIAEIR	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	4.04	*	*	*	10	3	RIANIEHMTYEVYKYAAR	1
							2	EEYRPVATR	1
							3	GAGMDM[147]VFFADAM[147]VHLVKISR	1
							2	RLWQMTK	1
							3	TIAQARKYIVDSM[147]GEEK	1
							3	DLC[339]VNGAQILHFK	1
							2	FMDVTFAKIQNTNQALRM[147]LK	1
							3	C[339]YITLAQALGMSM[147]GGAPAGPAGTGKTETTKDM[147]GR	1
							2	LVGDVLLATAFLSYSGPFNQEFR	1
							3	ASVTLAIPNIVMAPALEDVQQTLNK	1
DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	*	2.67	*	*	*	7	2	STWDLIRLYLHESNRVYR	1
							2	LGKVEFSGVR	1
							2	NLPFNYYTTSAMLQAVLEK	1
							3	AM[147]ADEEEQKVAVIM[147]LEVKQK	1
							2	SIQDAIRDK	1
							2	KLIYFIDDM[147]NM[147]PEVDAYGTVQPHTIIR	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	2.20	*	*	*	6	2	PLVLC[339]GPPGSGKTMTLFSALR	1
							3	NEKIAFIM[147]DESNVLDSGFLER	1
							2	RSELEEQQM[147]HLNVGLRK	1
							2	EFGPVVIDYGK	1
							3	EVDGLDVSKEGTEAWAAM[147]KR	1
							2	LAETVFNFQEK	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	41.57	0.79	0.00	2	2	2	YNPTWHC[330]IVGR	1
							2	AVIKNADMSEEM[147]QQDSVEC[339]ATQALEK	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.65	5.09	0.59	0.19	2	3	3	RPLVLQLVNATTEYAFLHC[330]K	1
							3	DLMPKTIM[147]HLM[147]INNNTK	1
							2	IREPC[330]LK	1

DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	26.20	*	*	*	2	3	VDM[147]IWIVGGSSVYKEAM[147]NHLGHLK	1
							3	M[147]FLLNC[339]IVAVSQNMGIGKNGDLPR	1
							1	C[330]LEENLGIDKR	1
							2	C[330]LEENLGIDKR	2
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	9.06	0.53	0.36	7	3	2	NLFPENLVQAC[330]FQQIQTVTK	2
							2	NLFPENLVQAC[330]FQQIQTVTKK	1
							2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	C[339]LEENLGIDKR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	16.38	1.32	0.06	4	6	3	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
							3	SAVLISSKPGC[339]FIAGADINM[147]LAAC[339]K	1
							2	M[147]VGVPAALDM[147]M[147]LTGRSIR	1
							2	ALM[147]GLYHGQVLC[339]K	1
							2	GLVEKLTAYAM[147]TIPFVRQQVYK	1
							3	QFTPC[339]QLLADHANS PNKK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	*	10.34	*	*	*	1	3	KPVIAAVNGYAFGGGC[339]ELAM[147]MC[339]DIYAGEK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	0.00	5.26	1.02	0.00	1	2	3	RLC[330]NKPIQSLPNMDSIFSEALLK	1
							3	PVSSVGVVGLGTM[147]GR	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterin-induced protein) [MASS=309350]	*	2.79	*	*	*	3	3	TTNSSHANGAAQAPRSMQWAVRNTQHQR	1
							3	QDLVYFWTSSPSLPASEEGFQPMPSITIR	1
							3	LPNLEC[339]IQNANKGTHHTSLMQR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	6.28	*	*	*	2	2	C[330]GGIDKR	1
							2	C[339]GGIDKR	1
							2	PLRLPLQDVYKIGGIGTVPVGR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	1.00	1.94	0.76	0.04	3	1	2	RGNVC[330]GDSK	1

EF1G_HUMAN (P26641) Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) [MASS=49987]	*	2.52	*	*	*	1	3	DGWSLWYSEYR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	0.64	4.08	3.81	0.00	1	3	3	ARFPDGLAEDIDK	1
							2	TFC[339]QLILDPIFK	1
							1	YEWDVAEAR	1
EFNB3_HUMAN (Q15768) Ephrin-B3 precursor (EPH-related receptor tyrosine kinase ligand 8) (LERK-8) (EPH-related receptor transmembrane ligand ELK-L3) [MASS=35835]	*	11.18	*	*	*	2	3	EGLESLQGGVC[339]LTRGMK	1
							3	C[339]EAPPAPNLLTTC[330]DRPDLDLR	1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	0.00	27.69	0.85	0.00	1	4	3	GFLNSSELSGLPAGPDR	1
							3	DQLALAI GK LG ENM[147]ILK	1
							2	FQLLVQQVALGTMMHC[330]QTLK	1
							3	TNLEDVGRRLGQHVVM[147]APLSVGS LDDEPGGEAETK	1
							3	HYAHTDC[330]PGHADYVK	1
							2	KGDEC[330]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	24.34	1.45	0.05	10	6	2	KGDEC[339]ELLGHSK	2
							3	HYAHTDC[339]PGHADYVK	1
							3	LLDAVDTYIPV PAR	1
							2	HYAHTDC[339]PGHADYVK	2
							2	HYAHTDC[330]PGHADYVK	1
							3	ELLTEFGYKGEETPVVGSALC[330]ALEGRDPELGLK	1
							3	GTVVVTGLTERGILKK	1
2	TTLTAAITKILAE G G AKFK	1							
EGLN_HUMAN (P17813) Endoglin precursor (CD105 antigen) [MASS=70578]	0.00	4.86	0.97	0.00	1	1	3	SAYSSC[339]GM[147]QVSASM[147]ISNEAVVNILSSSSPQRK	1
ELAV2_HUMAN (Q12926) ELAV-like protein 2 (Hu-antigen B) (HuB) (ELAV-like neuronal protein 1) (Nervous system-specific RNA-binding protein Hel-N1) [MASS=39504]	0.40	8.64	2.54	0.00	1	2	2	PSSASIRDANLYV SGLPK	1
							2	SLFGSIGEIESC[339]K	1
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	*	4.55	*	*	*	1	3	LSM[147]PTQQASGQTPPRVISAVIKGPEVK	1

ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	0.00	6.62	1.02	0.00	1	2	3	NLHPTNC[330]LGM[147]LLLSDAHQC[330]TK LKLFAFGGTSVSHDKLPK	1 1
ENK9_HUMAN (Q9UKH7) HERV-K_5q13.3 provirus ancestral Env polyprotein precursor (Envelope polyprotein) (HERV-K104 envelope protein) [Includes: Truncated surface protein (SU)] [MASS=31420]	0.46	6.86	1.27	0.00	1	1	2	C[339]PAKPEEEGM[147]M[147]INISTGYR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	5.08	*	*	*	1	2	SGETEDTFIADLVVGLC[330]TGQIK	1
ENOB_HUMAN (P13929) Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) (Enolase 3) [MASS=46855]	1.00	5.31	*	*	*	2	2 3	AC[330]NC[330]LLLK GNPTVEVDLHTAKGR	1 1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	8.55	0.58	0.25	2	1	3	DATNVGDEGGFAPNILENSEALELVKEAIDKAGYTEK	1
							3	VSLSGSSDPHLC[339]R	6
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	8.28	53.44	0.00	1	2	3	AADTAVGWALGYM[147]LNLTLNLPADPPGLR	1
ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP 1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase] [MASS=104924]	0.00	2.70	0.10	2.69	2	2	2 2	KC[330]GTYTK C[330]LNLILISDHGMEQGSC[330]JK	1 1

ENPP2_HUMAN (Q13822) Ectonucleotide pyrophosphatase/phosphodiesterase 2 (E-NPP2) (Phosphodiesterase I/nucleotide pyrophosphatase 2) (Phosphodiesterase I alpha) (PD-lalpha) (Autotaxin) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyro [MASS=99003]	*	1.51	*	*	*	1	2	C[339]FELQEAGPPDC[330]R	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	1.93	0.56	0.00	1	1	3	C[330]PPHSYSVWEGATSC[330]TC[330]DR	1
EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	0.21	7.62	*	*	*	5	2 2 2 3 2	M[147]HFHNGHIK VSNLLAEHSPLGSGAYRSVGEWLEAIK IM[147]NSLQEMKVQLVNGMVPL VIGAGEFGVEVC[330]SGR SVGEWLEAIK	1 1 1 1 1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	0.21	1.84	0.15	0.00	1	1	2	DTPKLYC[330]GADGDWLVP LGR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	0.21	2.71	*	*	*	1	3	RDFLC[330]EASIM[147]GQFDHPNVVHLEGVVTR	1
EPM2A_HUMAN (O95278) Laforin (EC 3.1.3.48) (EC 3.1.3.16) (Lafora PTPase) (LAFPTPase) [MASS=37157]	0.00	5.74	0.59	0.00	1	2	1 2	FGKVR GHIVYVHC[330]NAGVGR	1 1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.43	*	*	*	1	2	ERVIPFSSLLGFQRR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	*	2.16	*	*	*	2	3 3	M[147]ARDPPRYLVIK DGPHC[339]VSSC[339]PHGVLGAK	1 1

ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c [MASS=89277])	*	2.30	*	*	*	1	2	TQEWGLM[147]ILDEVHTIPAK	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	0.00	6.41	0.88	0.00	1	1	3	HDDSSDNFC[330]EADDIQSPEAEYVDLLLNP	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	*	3.33	*	*	*	1	2	LGLLRFSFPPALEM[147]HHPVTQSTFLGTK	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	*	3.49	*	*	*	4	3	GLLLPSSEEPGPAQEASRLQELLQDC[330]GWKYPDR	1
							1	AISAVEK	1
							2	PGTYPEVPPEKLRHC[330]FR	1
							2	M[147]EVLIASLEKSVLGC[330]WK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.86	8.27	1.77	0.05	2	3	1	HKGSDFER	1
							2	RWEGVNM[147]ERFAEEADVIVGAGPAGLSAAVR	1
							2	LQINAQNC[339]VHC[339]K	2
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	*	4.40	*	*	*	1	2	C[330]EAQINLLGEGGIC[339]K	1
EXO1_HUMAN (Q9UQ84) Exonuclease 1 (EC 3.1.-.-) (hExo1) (Exonuclease I) (hExol) [MASS=94103]	*	3.19	*	*	*	2	3	EC[330]FTRSINITHAM[147]AHK	1
							2	TISPPTLGLR	1
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	0.00	5.95	2.70	0.00	1	3	3	NDKGDIIVTTKSGGR	1
							3	WILQLMHSC[339]KEGYVKDLK	1
							3	FKSSMHLQLTC[339]FQAASSTM[147]M[147]KT	1

EXT1_HUMAN (Q16394) Exostosin-1 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Putative tumor suppressor protein EXT1) (Multiple exostoses protein [MASS=86254])	0.00	2.82	1.11	0.00	1	1	2	FYTSDPSQAC[330]LFVLSLDTLDR	1
EXTL1_HUMAN (Q92935) Exostosin-like 1 (EC 2.4.1.224) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Exostosin-L) (Multiple exostosis-like protein) [MASS=74696]	0.00	3.11	*	*	*	1	3	WELPFSEVIDWTKAAIVADER	1
							2	PALM[147]TAIDGR	8
FA35A_HUMAN (Q86V20) Protein FAM35A [MASS=93704]	*	3.95	*	*	*	3			
							2	VLQVAKKMK	1
							2	C[330]GLELETDENRIYK	1
FA38A_HUMAN (Q92508) Protein FAM38A [MASS=233040]	0.00	0.74	3.14	0.00	1	1	2	C[339]GYPTRILGNFLTKK	1
FA47A_HUMAN (Q5JRC9) Protein FAM47A [MASS=89095]	*	1.80	*	*	*	1	3	APESHQFSEPPKIR	1
FABPE_HUMAN (Q01469) Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) [MASS=15033]	*	12.69	*	*	*	1	2	DGKLVVEC[330]VMNNVTC[330]TR	1
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	4.42	1.31	0.00	1	3	3	GRASSSGNQESSGQSC[339]IILLFDVIK	1
							3	EIVNAFC[330]QETSPEMK	1
							3	LPEYFFENKNSDEINIPRLIVSQLK	1

FACE1_HUMAN (O75844) CAAX prenyl protease 1 homolog (EC 3.4.24.84) (Prenyl protein-specific endoprotease 1) (Farnesylated proteins-converting enzyme 1) (FACE-1) (Zinc metalloproteinase Ste24 homolog) [MASS=54812]	0.00	11.16	1.75	0.00	1	3	3	NIIISQMNSFLC[339]FFLFAVLIGRK	1
							2	NEEVLAVLGHELGHWK	1
							3	FEFQADAFAKKLGK	1
FAK1_HUMAN (Q05397) Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrosine kinase 2) [MASS=119232]	0.00	2.38	2.66	0.00	1	1	2	SDYMLEIADQVDQEIALKLGK[339]LEIR	1
FAK2_HUMAN (Q14289) Protein tyrosine kinase 2 beta (EC 2.7.10.2) (Focal adhesion kinase 2) (FADK 2) (Proline-rich tyrosine kinase 2) (Cell adhesion kinase beta) (CAK beta) (Calcium-dependent tyrosine kinase) (CADTK) (Related adhesion focal tyrosine kinas) [MASS=115874]	0.00	2.48	0.69	0.00	1	1	2	C[330]LPLEEGQAVLQLGIEGAPQALSIIK	1
FAM3B_HUMAN (P58499) Protein FAM3B precursor (Cytokine-like protein 2-21) [MASS=25982]	0.00	6.38	1.01	0.00	1	1	2	C[330]FDMYEGDNSGPM[147]JTK	1
FAM5C_HUMAN (Q76B58) Protein FAM5C precursor (DBCCR1-like protein 1) [MASS=88445]	0.00	4.57	0.27	0.00	1	2	2	FPEC[330]NC[330]PSM[147]DIQAMEENLLR	1
							2	TFFETVHIYLRRIK	1
FAM9B_HUMAN (Q8IZU0) Protein FAM9B [MASS=22438]	0.00	6.45	0.41	0.00	1	1	2	DPVRDEC[330]EERNR	1
FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	*	2.87	*	*	*	1	2	MYEALKEM[147]DSNTVIER	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	2.83	1.91	0.00	1	3	3	QQDHC[339]LNSVPSGSSAQSKVRSTPR	1
							2	SLIQRNVLMR	1
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	5.26	0.19	0.00	1	2	2	VLLDAVC[330]NHLNLVEGDYFGLEFPDHK	1
							2	SHQDNHPLASLPLLGYSLTIPSESENIQK	1

FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	*	2.47	*	*	*	4	2	AQVADVVS	1
							2	DPETLVGYSM[147]VGC[330]QRAM[147]M[147]ANR	1
							2	SNM[147]GHPEPASGLAALAK	1
							3	AC[339]LDTAVENM[147]PSLK	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	1.60	*	*	*	3	2	STC[330]YGGYKRGQC[339]JK	1
							3	PFFKDINEC[330]KM[147]IPSLC[339]THGK	1
							3	C[330]PTGYLNEEDTR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	0.79	*	*	*	1	2	TGMC[339]FSGLVNGRC[339]AQELPGRM[147]TK	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	0.72	1.46	2.21	0.00	1	2	2	C[339]WAAGPVPELC[339]PPR	1
							3	LEVVSHMAGPWGVQPEGQPGPWGQALR	1
FBX39_HUMAN (Q8N4B4) F-box only protein 39 [MASS=52646]	*	5.20	*	*	*	2	3	VHASEVESAVWYVKK	1
							1	YLEHLEVK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	7.33	0.83	0.00	1	2	3	SC[339]PFNIVEHKTDPIILLTSMC[330]QPREQAR	1
							3	DYNMYLVHNGRM[147]LIHFGQMPAC[330]TPK	1
FBX46_HUMAN (Q6PJ61) F-box only protein 46 (F-box only protein 34-like) [MASS=69030]	0.00	5.26	0.91	0.00	1	2	2	VAFFVAHQ[330]GGGRASSM[147]K	1
							3	VLLDTWYVIKPGNTK	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	0.00	5.64	1.59	0.00	1	2	2	QFKPC[339]JK	1
							3	C[330]TLVQWLNLNLSWTGNRGFISVAGFSRFLK	1
FBXL6_HUMAN (Q8N531) F-box/LRR-repeat protein 6 (F-box and leucine-rich repeat protein 6) (F-box protein FBL6) (FBL6A) [MASS=58588]	0.00	7.61	0.44	0.00	1	2	2	GC[330]ARITPAGLQDLPC[330]R	1
							3	GSGYHLLQSDSM[147]LLVLSEPGPARPR	1
FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	0.00	9.16	0.59	0.00	1	4	2	PGSQEVSDLEEDDEEEEEKDR	1
							2	C[330]LFLAPGPRDGEKVPNR	1
							3	VLPC[330]GPSPQHHRALRFSYHLEGSQPR	1
							2	QASVAAENSVIC[330]SFLHYM[147]EK	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	*	2.46	*	*	*	3	1	VEGQSR	1
							3	EFLKEGTLMKVTGK	1
							2	EQGFDHHATHILQFDR	1

FGFR3_HUMAN (P22607) Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3) (CD333 antigen) [MASS=87709]	0.00	3.10	0.76	0.00	1	1	3	LTLGKPLGEGC[330]FGQVVM[147]AEIIGIDK	1
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	*	0.47	*	*	*	1	2	DTASHVQSSPVQSDSSTAK	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.74	5.63	1.21	0.00	1	1	2	RVDHC[339]PIK	1
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	*	0.34	*	*	*	1	2	LSPFMADIR	1
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	*	4.04	*	*	*	5	2 3 2 3 2	TGRYM[147]IGVTYGGDDIPLSPYR DGTAVTYVPLTAGMYTLTMK IPEINSSDM[147]SAHVTSPSGR VTGLHKVTVLFAGQHISKSPFEVSVDK HIPGSPFTAKITDSSRR	1 1 1 1 1
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	0.00	8.45	0.97	0.00	1	4	3 3 3 3	AIM[147]NYQSGFSLVMNHPAC[330]VNEIALSLNNK ELETSLRTHIGWVQEFLEENR KEAAAQEAGADTPGKGEPPAPK RGAAYGFRLQSLDALLEM[147]K	1 1 1 1
FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	*	4.98	*	*	*	2	3 3	SLGDM[147]EAGEEVQLVGASHMEQK GATC[339]FEC[330]EITFSNVNYYVHKRLYC[330]SGR	1 1
FOXN2_HUMAN (P32314) Human T-cell leukemia virus enhancer factor (Forkhead box protein N2) [MASS=37734]	*	2.05	*	*	*	1	2	C[330]FQKVER	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	6.00	*	*	*	8	3 3 3 2 2 3 3 2	LLM[147]C[339]RDLELAVPGTYDPNQPIIR YPTLLEVLLNFLK PQWYRHTFEEAEK MLSLVLMHKPLRHPGMPK IMLRMAPDYDHLTLMQK LTRMLTNAMEVTGLDGNYRITC[339]HTVMEVLR C[330]VQFLPQVM[147]PTFLNVIR FANYLRNLLPSNDPVVM[147]EMASK	1 1 1 1 1 1 1 1

FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	2.52	0.56	0.00	1	4	3	ILKTISVEVIPVNDEK	1
							2	PLVVSCKGDR	1
							3	C[330]TQEEVDLNLRR	1
							3	LPAHQQM[147]VLGEPRPEEPR	1
FRM4A_HUMAN (Q9P2Q2) FERM domain-containing protein 4A [MASS=113964]	*	3.32	*	*	*	2	2	LPALPTQALKEHPSLAYC[339]JEDR	3
							2	DNATIELFFLNAK	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	0.41	8.94	0.93	0.00	1	2	3	VGKDELFALEQSC[330]AQVVLQAANER	1
							3	NGQLAASVETAGDSEFLM[147]K	1
FSTL5_HUMAN (Q8N475) Follistatin-related protein 5 precursor (Follistatin-like 5) [MASS=95750]	*	6.14	*	*	*	3	2	VYPESQAREPGVTASLRG[339]HAEGIPK	1
							2	FGFILHKDEAALQK	1
							2	EPLKAEWPWNRK	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	*	1.55	*	*	*	1	3	TAAC[339]LAAGNTVVIK	1
FUK_HUMAN (Q8N0W3) L-fucose kinase (EC 2.7.1.52) (Fucokinase) [MASS=117622]	0.00	4.89	0.46	0.00	1	3	2	LM[147]APGC[330]EPLTVRR	1
							3	AAFIC[330]AGIVHVHSELQLSEQLLR	1
							2	LNDHLLLVTGKTRLAR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	1.50	0.14	0.00	1	1	2	AC[330]SFYTGHLVK	1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	*	4.47	*	*	*	2	3	YSADDSNMAVEMLK	1
							2	C[330]GYDAGLYSR	1
							2	VPTANVSVDLTC[330]R	2
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.68	0.07	5	2	2	IISNASC[330]TTNC[330]LAPLAK	2
							2	IISNASC[339]TTNC[339]LAPLAK	1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.35	3.05	0.71	0.00	1	1	2	MIPC[339]DFLIPVQTQHPIR	1

GA2L2_HUMAN (Q8NHY3) GAS2-like protein 2 (Growth arrest-specific 2-like 2) (GAS2-related protein on chromosome 17) (GAR17 protein) [MASS=96519]	*	6.82	*	*	*	2	3	EPAAPLESSPQPPEGLQPHWLNQAPLPPEEESWV	1
							2	IPTSWVHEETDSWGTDAGNPTPQRLR	1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	0.00	1.56	1.17	0.00	1	1	2	C[339]LANGSWTDMDTPSR	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	12.00	1.25	0.07	5	4	2	TM[147]GC[330]LATTHSK	1
							3	KHGC[339]AFLVDEVQTGGGC[339]TGK	1
							2	GVVLGGC[339]GDK	1
							2	MMTGGFFHKEEFRPNAPYR	1
							2	TM[147]GC[339]LATTHSK	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	29.79	0.53	0.26	10	5	2	LFVSGAC[330]DASAK	1
							3	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1
							3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	1
							2	KAC[330]ADATLSQITNNIDPVGR	1
							2	LFVSGAC[339]DASAK	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[330]C[330]R	3
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.00	7.08	1.07	0.00	1	1	3	ADQELLM[147]YSHDNIIC[339]GITSVAFSR	1
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	14.41	1.66	0.00	1	3	2	SREGNVKVS	1
							3	VSC[339]LGVTDAGM[147]AVATGSWDSFLKIWN	1
							2	ELSAHTGYLSC[330]C[330]R	1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	*	7.08	*	*	*	1	3	KAC[330]NDATLVQITSNMDSVGRIQM[147]R	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.94	19.72	0.77	0.00	1	1	2	ASADLM[147]SYC[330]EEHAR	1

GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	20.00	0.52	0.09	2	1	2	AAADLMAYC[330]EAHAK	1
							2	AAADLM[147]AYC[330]EAHAK	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.99	40.00	1.19	0.00	1	1	3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPFR	1
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.97	20.59	0.77	0.00	1	1	2	AASDLMSYC[330]EQHAR	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	0.00	4.55	0.20	0.00	1	1	3	TDEAETWDVC[330]LSGLGSAVSYSR	1
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	5.37	*	*	*	1	3	FLM[147]ANGQLVKM[147]LLYTEVTRYLDFK	1
GDIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	0.00	10.56	37.09	0.00	1	2	2	VEKVGQVIRVIC[330]ILSHPIK	1
							2	MNEEYDVIVLGTGLTEC[339]ILSGIM[147]SVNGK	1
GFRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	*	4.25	*	*	*	1	2	RMKNQVAC[330]LDIYWTVHR	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	6.81	0.72	0.02	3	1	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	2
GLNA_HUMAN (P15104) Glutamine synthetase (EC 6.3.1.2) (Glutamate--ammonia ligase) (GS) [MASS=41933]	0.85	4.57	0.74	0.00	1	1	2	RPSANC[330]DPFSVTEALIR	1
GLPK2_HUMAN (Q14410) Glycerol kinase, testis specific 2 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60610]	0.00	2.89	1.62	0.00	1	1	2	KC[339]VFSEHGLLTTVAYK	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	0.59	12.38	0.40	0.00	1	1	2	VVFIKPTC[330]PYC[330]R	1

GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	7.03	1.41	0.13	7	4	2	LKEC[339]MDM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	1
							2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	1
							2	VPFC[330]LQSC[330]VKPLK	1
							3	M[147]M[147]RLRGSGM[147]LR	1
							2	VPFC[339]LQSC[339]VKPLK	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	2.49	*	*	*	1	2	FVIPDFEFTGHVDR	1
GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas [MASS=64320]	*	3.99	*	*	*	1	2	RLDPTEPIRTPIIAGGLFVIDK	1
GLTP_HUMAN (Q9NZD2) Glycolipid transfer protein (GLTP) [MASS=23718]	0.00	6.73	15.85	0.00	1	1	2	FIQVFLQSIC[339]DGER	1
GMFG_HUMAN (O60234) Glia maturation factor gamma (GMF-gamma) [MASS=16801]	0.00	13.38	0.73	0.00	1	1	3	MSDSLVC[330]EVDPELTKLR	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	12.75	1.00	0.23	2	3	2	EIYTHFTC[330]ATDTK	1
							3	IIHEAGYSEEEEC[330]KQYK	1
							3	DLHFKMFDVGGQRSER	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	*	5.51	*	*	*	1	2	AC[330]FERSNEYQLIDC[330]AQYFLER	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	25.21	0.52	0.25	4	4	2	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	1
							2	M[147]VC[330]DVVSR	2
							3	KSPLTIC[339]FPEYTGPNYEDAAAYIQAQFESK	1
							3	FFIDTSIILFLNKKDLFGEK	1

GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	0.86	8.50	1.09	0.00	1	1	3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	*	8.47	*	*	*	2	2	QFEDLNRNK	1
							3	STIVKQMKIIHSGGFNLEAC[339]K	1
GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	*	5.81	*	*	*	1	3	IAC[330]HEEPVMDLDFDSQKAR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	0.58	*	*	*	2	2	KLQEALTSR	1
							2	EFSQTLNEK	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	*	2.39	*	*	*	1	3	GKSRAAENASLGPTNGSK	1
GP132_HUMAN (Q9UNW8) Probable G-protein coupled receptor 132 (G2 accumulation protein) [MASS=42499]	*	4.47	*	*	*	2	3	GDRNAM[147]C[330]GLEER	1
							1	QEVSR	1
GP144_HUMAN (Q7Z7M1) Probable G-protein coupled receptor 144 (G-protein coupled receptor PGR24) [MASS=104087]	0.00	1.25	0.63	0.00	1	1	2	AC[330]APPSEGLLFR	1
GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	*	2.30	*	*	*	2	2	TLGLAGKTQTAGVEERTK	1
							2	ITEIPETVSR	1
GPC4_HUMAN (O75487) Glypican-4 precursor (K-glypican) [MASS=62412]	0.00	3.78	2.30	0.00	1	1	3	MFRLVNSQYHFTDEYLEC[339]VSK	1
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.99	1.79	1.06	0.00	1	1	2	C[339]KDVLTGQEFDVR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.62	0.15	3	2	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1

GPNMB_HUMAN (Q14956) Transmembrane glycoprotein NMB precursor (Transmembrane glycoprotein HGFIN) [MASS=63922]	0.00	5.59	1.21	0.00	1	1	3	TFNGSGTYC[339]VNLTLDGDDTSLALTSTLISVPDR	1
GPR56_HUMAN (Q9Y653) G-protein coupled receptor 56 precursor (TM7XN1 protein) [MASS=77737]	0.00	3.17	0.96	0.00	1	1	3	GLYHFC[330]LYWNRHAGRLHLLYGK	1
GPR83_HUMAN (Q9NYM4) Probable G-protein coupled receptor 83 precursor (G-protein coupled receptor 72) [MASS=48271]	0.00	4.73	2.88	0.00	1	1	3	LWLC[339]NMIGDVTTEQYFALRR	1
GPR97_HUMAN (Q86Y34) Probable G-protein coupled receptor 97 precursor (G-protein coupled receptor PGR26) [MASS=60860]	0.00	8.20	0.40	0.00	1	2	3	ISQAGC[330]GVSM[147]IFLAFTIILYAFLRLSRER	1
							3	C[330]RQSGSDSC[339]NVENLQR	1
GPSN2_HUMAN (Q9NZ01) Synaptic glycoprotein SC2 [MASS=36034]	*	2.92	*	*	*	1	2	FSHGTM[147]PLR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	4.13	1.75	0.05	2	1	3	C[339]QGPPGVDLYRLEK	3
GRHL3_HUMAN (Q8TE85) Grainyhead-like protein 3 homolog (Sister of mammalian grainyhead) (Transcription factor CP2-like 4) [MASS=70318]	0.00	6.39	0.86	0.00	1	2	3	TC[339]SPFTEEFELPSKQAKEGDLQR	1
							2	GC[330]LLSGFRGNETTYLR	1
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	*	2.54	*	*	*	1	3	NGIGYHYILANLGFMDIDLNFKK	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	*	7.21	*	*	*	3	2	YTSALTYDGLVMAETFR	1
							3	TVVVTTIMESPVVMYKK	1
							3	AGQNGWHVSAIC[339]VENFNDVSYRQLLEELDR	1
GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	0.29	5.88	1.33	0.00	2	2	2	GPNVDSLTLNRSLIVTTVLEEPFVMFR	1
							3	NC[330]NLTQIGGLIDSKGYGIGTPMGSPYR	2

GRK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	1.67	0.54	0.00	1	1	2	QRNC[330]NLTQIGLLDTK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	7.84	*	*	*	4	2	GSPVTTTKADPRASGK	1
							3	MDPASSGEGRPVSGHTDTTASAKTDLTSLK	1
							2	HRSPSGAGEGASC[339]SDGPR	1
							3	DYC[330]PSQQKASPAPPR	1
GRK4_HUMAN (P32298) G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) (IT11) [MASS=66555]	0.00	8.82	2.02	0.00	1	3	2	LFRRGGC[330]LTMVPSEK	1
							2	AVFYAAELC[339]C[339]GLEDLQR	1
							2	AVFYAAELC[330]C[339]GLEDLQRER	1
GRK7_HUMAN (Q8WTQ7) G protein-coupled receptor kinase 7 precursor (EC 2.7.11.16) (G protein-coupled receptor kinase GRK7) [MASS=62211]	*	5.97	*	*	*	2	2	C[330]QAATTEEERVAAVTLAK	1
							2	AGTNGYM[147]APEILM[147]JEK	1
GRN_HUMAN (P28799) Granulins precursor (Proepithelin) (PEPI) [Contains: Acrogranin; Paragranulin; Granulin-1 (Granulin G); Granulin-2 (Granulin F); Granulin-3 (Granulin B); Granulin-4 (Granulin A); Granulin-5 (Granulin C); Granulin-6 (Granulin D); Granul [MASS=63544]	0.78	4.55	1.50	0.00	1	2	3	QHC[339]C[339]PAGYTC[330]NVKARSC[330]JEK	1
							2	HC[339]C[339]PAGFR	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.99	2.21	0.49	1.15	2	2	2	RTIAPC[330]QK	1
							2	TIAPC[339]QK	1
GSHR_HUMAN (P00390) Glutathione reductase, mitochondrial precursor (EC 1.8.1.7) (GR) (GRase) [MASS=56257]	0.00	4.21	0.15	0.00	1	2	2	GIYAVGDVC[330]GK	1
							2	VPNTKDLNLSLNK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	0.00	5.09	0.85	0.00	1	2	3	RMLMEDFSLSPEIILSC[339]RGEIEHHC[339]SGLHR	1
							3	LSYLLM[147]C[339]LESAVHRGRQVSSEC[330]QGEM[147]LDYR	1

GSTM3_HUMAN (P21266) Glutathione S-transferase Mu 3 (EC 2.5.1.18) (GSTM3-3) (GST class-mu 3) (hGSTM3-3) [MASS=26428]	0.00	11.61	1.75	0.00	1	2	2	M[147]AQWGNKPVC[339]	1
							2	M[147]PINNKM[147]AQWGNKPVC[330]	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	*	5.04	*	*	*	1	2	QILQRLWGTQDVSQDIQEMKDESAR	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	0.00	8.18	0.36	0.00	1	2	2	RQEAM[147]AALR	1
							3	LSLLLC[339]SVPFVAGFAVITAAQDVWM[147]LLGGR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	*	10.25	*	*	*	3	2	QADFEAHNILRESGYAGK	1
							3	ISQM[147]PVILTPLHFDRDPLQKQPSC[339]QR	1
							3	ERVGTSKVLVLLSGGVDSTVC[339]TALLNR	1
GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	*	11.23	*	*	*	2	3	MC[339]AAQMPPLAHIFRGTFVHSTWTC[339]PMEVLR	1
							3	IGLGTDVAGGYSYSM[147]LDAIRR	1
GUC2F_HUMAN (P51841) Retinal guanylyl cyclase 2 precursor (EC 4.6.1.2) (Guanylate cyclase 2F, retinal) (RETGC-2) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2) (Guanylate cyclase F) (GC-F) [MASS=124821]	*	2.35	*	*	*	1	2	NGSRHAAEIANMSLDILSSVGTFKMR	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.99	23.70	1.71	0.00	1	1	3	FQSAAIGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	0.94	8.90	0.53	0.00	1	1	2	GTFATLSELHC[330]DK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	1.24	0.00	1	1	2	HPVSC[339]K	1

HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	2.19	1.01	0.00	1	4	2	SDGC[339]GGSFYTLDSLNLRL	1
							2	YLVPLLQQQVK	1
							3	AALWRFAELAHVLRPQK	1
							2	AVTHAIPALQPIVHDLFVLRGTNK	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	0.00	2.99	1.08	0.00	1	4	3	QTALYTLKLLC[339]KNFGAENPDPFVPLNTAVK	1
							3	DGLSC[339]LIVLLQR	1
							2	EGVDESEFIK	1
							3	TSKEGVDESEFIK	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	*	2.22	*	*	*	1	2	SATYC[339]EQLLQHVQAVPATQ	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	*	2.91	*	*	*	4	3	IWEPTYTIMYREMKDSDK	1
							3	MEPQDSSLEIC[339]VESLSSLLKHEDHQVSDGALR	1
							2	SEFLEKLQR	1
							2	HVDLGGGLKPPGYVQR	1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	0.00	5.32	0.28	0.00	1	1	3	C[330]HNYLQNVSMEEAAGQVM[147]SHHVPPM[147]EDC[330]K	1
HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	*	3.09	*	*	*	3	2	KRLSDVNVER	2
							2	YQIPLSADQLFTQSVLDKSLTK	1
							3	QIAESANSSSPQSSAGGKPAMSYASALR	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	*	2.66	*	*	*	1	2	PAPRALSTAAVHYQGIK	1
HGFL_HUMAN (P26927) Hepatocyte growth factor-like protein precursor (Macrophage stimulatory protein) (MSP) (Macrophage-stimulating protein) [Contains: Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain] [MASS=80380]	*	2.81	*	*	*	1	3	WPAVFTRVSVFVDWIHKVMR	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	3.57	2.72	0.00	1	1	3	C[339]EGDTPPTIVNLDHPVISC[339]AKTKQLR	1

HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	*	1.77	*	*	*	1	2	LTAEQLSLKQQDK	1
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.89	27.20	1.77	0.00	1	1	3	HISQISVAEDDDESLLGHLM[147]IVGKKC[339]AADLGLNK	1
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	*	5.24	*	*	*	3	3 2 2	AGDTGVKLEVNERILGC[330]C[330]TSLMQAIQVLIVASK DHLIERLYR NAEVTKQVSM[147]AR	1 1 1
HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	0.00	0.39	*	*	*	2	2 2	EFEVTVHVPPTIK GVDIEISHR	1 1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	*	4.23	*	*	*	1	3	NSIYSGLEAFGDVKLEDTYFDR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.27	3.24	0.38	0.30	2	1	2	LTLSEAHAAC[330]JR	2
HPRT_HUMAN (P00492) Hypoxanthine-guanine phosphoribosyltransferase (EC 2.4.2.8) (HGPRT) (HGPRTase) [MASS=24448]	1.00	19.82	1.09	0.01	2	2	2 3	DLNHVC[330]VISETGK SPGVVISDDEPGYDLDFC[330]IPNHYAEDLER	1 1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	0.00	1.64	1.91	0.00	1	4	3 2 2 2	TLC[339]LSTPSSSTVK GWDAQWSHDFSLC[330]HDC[339]AK IFESVTLPSNRTSAGTSSSGVSNR FKTGKQLQIGR	1 1 1 1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	3.15	*	*	*	1	3	ETAENSLKPKVTDC[339]VISVPSFFTDAER	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	1.92	*	*	*	1	2	PEIEDVGSDEEEEK	1
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	3.59	0.91	0.00	1	1	2	MGEAGAAEEAC[339]JR	1

HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	*	5.15	*	*	*	2	3	FEELC[339]SDLFRSTLEPVEK	1
							2	LSKEEIERMVQEAEK	1
HSPB6_HUMAN (O14558) Heat-shock protein beta-6 (HspB6) (Heat-shock 20 kDa-like protein p20) [MASS=17135]	0.00	15.00	6.42	0.00	1	1	2	FGEGLLAEELAALC[339]PTTLAPYYLR	1
HSPB9_HUMAN (Q9BQS6) Heat-shock protein beta-9 (HspB9) [MASS=17486]	0.00	17.61	1.27	0.00	1	1	3	VHRKMLPSNLSPTAMTC[339]C[339]LTPSGQLWVR	1
							2	HTEKHASGGSTVHIHPQAAPVVC[339]R	1
							3	VLQEGLLQLDSILSSLEPLHRPIESPGGSVLLR	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	*	4.05	*	*	*	7	3	TVSEWISQM[147]ATLPQASNLATRILLTLLFEELK	1
							3	REESPM[147]DVDQPSPSAQDTQSIASDGTPQGEK	1
							2	EVIYDMLNALAAYHAPEEADK	1
							2	LFKVLLSPDYLPAMR	1
							2	M[147]LLLAVLNFTALLIEYSFSR	1
HV3G_HUMAN (P01768) Ig heavy chain V-III region CAM [MASS=13668]	0.00	15.57	0.36	0.00	1	1	2	LSC[339]AASGFTFSNYAM[147]HWVR	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	0.00	8.58	0.51	0.00	1	3	2	AHQNAYALPSNYQPPLK	1
							2	GC[330]GAPQK	1
							3	RVEMANLLNLSER	1
HXB6_HUMAN (P17509) Homeobox protein Hox-B6 (Hox-2B) (Hox-2.2) (HU-2) [MASS=25427]	0.00	6.70	1.69	0.00	1	1	3	MNSC[339]NSSSFGPSGRR	1
HXD12_HUMAN (P35452) Homeobox protein Hox-D12 (Hox-4H) [MASS=29535]	0.00	14.91	0.94	0.00	1	2	2	C[330]PC[330]SPGRPAVGGGPGEAR	1
							2	DDTKGPLNLM[147]TVQAAGVASC[330]LR	1

								2	AAQLC[330]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	MISGMYLGEIVR	1
								3	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLEDGSGK	2
								2	LPVGFTFSFPC[330]QQSK	1
								2	MIAAQLLAYFTELKDDQVK	1
								3	ATDC[339]VGHDVVTLLR	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQQLGLNSTC[339]DDSILVK	1
								2	ATDC[339]VGHDVVTLLR	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	18.87	1.31	0.06	22	11		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	2
								2	KLPVGFTFSFPC[330]QQSK	2
								2	C[330]NVSFLLEDGSGK	1
								2	ATDC[330]VGHDVVTLLR	1
								2	LPVGFTFSFPC[339]QQSK	2
								2	TVC[330]GVVSR	1
								2	DGLAQLM[147]C[339]ELK	1
								3	GHIEDC[330]GHWTQMDKPTEVNQILIKWLDSAR	1
HYES_HUMAN (P34913) Epoxide hydrolase 2 (EC 3.3.2.3) (Soluble epoxide hydrolase) (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH) [MASS=62615]	0.00	7.57	1.31	0.00	1	2		3	QDEEKPLHALLHGRGVC[339]LNEK	1
								2	KLTQSKFVGAENTAHPR	1
								2	PLHALLHGR	1
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	0.00	17.65	2.11	0.00	1	3		3	EDAGTYHC[330]VATNAHGTDSCR	1
								2	GNPEPSVHC[330]AR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	3.25	0.53	0.08	2	2		2	EVAESC[339]KDIK	1
								2	C[339]REVAESC[339]K	1
								2	C[330]REVAESC[330]K	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.44	5.19	1.37	0.05	3	2				

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.95	3.31	1.37	0.00	1	1	2	TSLDLYANVIHC[330]JK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	12.61	1.32	0.05	2	4	2 C[339]ATITPDEARVEEFK 2 C[330]ATITPDEAR 2 DLAGC[330]IHGLSNVK 2 ATDFVADRAGTFKM[147]VFTPK	1 1 1 1	
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	*	3.49	*	*	*	1	2	YDTPVLVSR	1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	*	2.39	*	*	*	2	3 LGVLLLWRLDQRGR 3 WALQTPTELQGNITQIQWGSR	1 1	
IF1AH_HUMAN (O75642) Putative eukaryotic translation initiation factor 1A (eIF-1A) (eIF-4C) [MASS=16329]	0.31	7.69	4.48	0.00	1	1	2	LEAMC[339]FDGVKR	1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	0.00	1.88	0.23	0.00	1	2	3 M[147]LTEAIMHDC[330]VVK 3 FMLQDVLDLRGSNWVPR	1 2	
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	0.00	2.97	*	*	*	3	2 PGNTVNFR 2 RSIGNIKFIGELFK 3 GVIDLVFEKAIDEPSFSVAYANM[147]C[339]R	1 1 1	
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	16.08	0.42	0.59	5	4	2 DHEDSSLQWSNPAQQTLYFGEK 2 EKDTATLNC[330]QSSGSKPAAR 3 EKDTATLNC[339]QSSGSKPAAR 2 EKDTATLNC[330]QSSGSK 2 LLLHC[339]EGR 3 EKDTATLNC[330]QSSGSKPAAR	1 2 1 1 1 1	

IKKA_HUMAN (O15111) Inhibitor of nuclear factor kappa-B kinase alpha subunit (EC 2.7.11.10) (I kappa-B kinase alpha) (IκBKA) (IKK-alpha) (IKK-A) (IκappaB kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor N [MASS=84653])	0.00	4.03	3.30	0.00	1	2	2	IAIKSC[339]R	1
							3	C[339]FVLM DHILNLKIVHILNMTSAK	1
IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	0.00	7.56	1.92	0.00	1	2	2	LPVAGDGGLVC[339]PYM[147]EFFK	1
							3	DSC[339]YDFLPIKASDGKTYDAYILYPK	1
IL8_HUMAN (P10145) Interleukin-8 precursor (IL-8) (CXCL8) (Monocyte-derived neutrophil chemotactic factor) (MDNCF) (T-cell chemotactic factor) (Neutrophil-activating protein 1) (NAP-1) (Protein 3-10C) (Granulocyte chemotactic protein 1) (GCP-1) (Monocyte [MASS=11098])	0.00	27.27	1.11	0.00	1	1	3	MTSKLAVALLAFLISAALC[339]EGAVLPR	1
IMA7_HUMAN (O60684) Importin alpha-7 subunit (Karyopherin alpha-6) [MASS=60029]	0.99	3.36	0.66	0.00	1	1	2	DYVLNC[330]SILNPLLLTLTK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	*	2.97	*	*	*	1	3	IM[147]SLYYQYMETYMGPALFAITIEAM[147]K	1
							3	IMSLYYQYMETYMGPALFAITIEAM[147]K	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	1.46	0.98	0.00	1	1	2	TIEC[339]ISLIGLAVGKEK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	1.00	2.51	0.60	0.03	2	1	2	LLSYASYC[330]IEHGDLELAAK	1
							2	LLSYASYC[339]IEHGDLELAAK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	7.16	*	*	*	6	3	LWAGDQILEVNGVDLRNSSHEEAITALRQTPQK	1
							2	TSSSTSPLEPPSDRGTVVEPLK	1
							2	REAVSFLKEVPPPFTLVC[330]C[330]R	1
							2	NSGTDM[147]EPRTVEINR	1
							2	NC[330]GNSVRMLVAR	1
							3	TSLDLGMIPNDVQGPSLLIDL PVVAQR	1

IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	*	11.28	*	*	*	3	2	KMLAVDPEAPTEEEHAQR	1
							2	TM[147]VNLPVISPFKK	1
							2	SREQVLRVFEEFVQGDEEVLR	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	4.76	*	*	*	3	2	SGGGPGPSGSETPPPPRR	1
							2	IKNMVHWSPFVMSFKK	1
							2	HC[339]ESEQRC[339]LDR	1
IP6K3_HUMAN (Q96PC2) Inositol hexaphosphate kinase 3 (EC 2.7.4.21) (InsP6 kinase 3) (Inositol hexakisphosphate kinase 3) [MASS=46431]	0.00	5.85	2.92	0.00	1	1	3	C[339]AQSTSAC[339]LGVRIC[339]GM[147]QVYQTDKK	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	0.00	1.64	1.71	0.00	1	1	2	KVLTGVAGEDAEC[339]HAAK	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	0.00	2.17	1.07	0.00	1	2	2	PASLDEGAM[147]AGARSHR	1
							3	DVAQC[330]HLHHENPALGR	1
IQEC3_HUMAN (Q9UYP2) IQ motif and Sec7 domain-containing protein 3 [MASS=127596]	*	1.95	*	*	*	2	2	YGGHLVSRR	1
							3	GPGSRAHTPQSPHK	1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	*	2.37	*	*	*	1	3	LAHPM[147]AHLC[339]PVNKR	1
ISK4_HUMAN (O60575) Serine protease inhibitor Kazal-type 4 precursor (Peptide PEC-60 homolog) [MASS=9454]	0.00	18.60	*	*	*	1	2	QWVIALALAALLVVDR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	0.27	1.65	0.19	0.00	1	1	3	DSC[330]ESNHNITC[330]KVGYPFLR	1
ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	*	1.62	*	*	*	1	3	RPPLLPLLLLLPPPPR	1

ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	*	3.70	*	*	*	2	3	EQVWSEQTLVQSNIC[339]LYIDKRSK	1
							2	DLQSSVTLDLALDPGRLSR	1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	0.28	4.14	0.49	0.00	1	2	2	GQC[339]NHVR	1
							3	AEGYPVDLYYLM[147]DLSYSM[147]KDDLVR	1
ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	*	5.85	*	*	*	3	2	DFRLGFGSYVDK	1
							3	KPGMEGC[339]RNVTSNDEVLFNVTVMK	1
							2	KC[339]DVTGGK	1
ITBP1_HUMAN (O14713) Integrin beta-1-binding protein 1 (Integrin cytoplasmic domain-associated protein 1) (ICAP-1) [MASS=21782]	0.00	16.00	0.24	0.00	1	1	3	VSTSDQYDVLHRHALYLIIRMVC[330]YDDGLGAGK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	*	3.51	*	*	*	2	3	PSEDSPPLEM[147]LGPR	1
							2	QYYEGSEIVVAGRIADNK	1
							2	PSEDSPPLEM[147]LGPR	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	9.54	*	*	*	1	3	TMTRLC[330]FLLFFSVATSGC[330]SAAAASSLEM[147]LSR	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.84	2.36	2.36	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	5.46	*	*	*	5	2	VC[330]VGVSPEMAENEDYIC[330]INC[339]AK	1
							2	WLDEVRLTSLDPQQVTLDMK	1
							3	SC[339]SQVFFGKGSSTPRK	1
							2	LQMLIDM[147]GSSLYVELPELPRLK	1
							2	SSSQKKGSSWQAK	1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	0.00	2.63	*	*	*	2	2	TC[339]M[147]EGWMGPEC[339]NRAIC[339]R	1
							2	RDGNSSLIAAAVEVR	1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	*	4.13	*	*	*	2	3	LENMVQRPSTVDFIDWVDNMWPR	1
							3	YNANFVTFMEGKDFNVEYIQRGGLR	1

K0056_HUMAN (P42695) Protein KIAA0056 [MASS=168890]	*	1.34	*	*	*	1	2	EKIEGRSQGNDILC[330]LSLPDK	1
							2	NLGMVC[339]R	7
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.47	2.66	0.00	1	2			
							2	EEM[147]VLDNIPK	1
K0232_HUMAN (Q92628) Protein KIAA0232 (Fragment) [MASS=155619]	*	1.36	*	*	*	1	3	C[339]SDLTLEEM[147]KKQAAVQC[330]LR	2
K0427_HUMAN (O43310) Protein KIAA0427 [MASS=67586]	0.00	5.35	1.87	0.00	1	2	2	GRAPPQQNGSK	1
							2	EGC[339]GKGGLEDDGGINLNDIEK	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	*	2.67	*	*	*	1	3	SLEQSEAAVAQVLEERQK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	*	1.23	*	*	*	1	3	VAQRVLATQPGPGRGR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	*	4.48	*	*	*	2	2	HSDDDSEIVSDDISDIFR	1
							2	VSVQIDLNSLTSEGPSDDASPR	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	*	4.48	*	*	*	2	1	TPSGRVR	1
							3	MGMPVVRGGQTVPGQAPLC[330]FDPGSPASDKTEGK	1
K2C5_HUMAN (P13647) Keratin, type II cytoskeletal 5 (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (58 kDa cytokeratin) [MASS=62447]	0.00	5.76	2.16	0.00	1	1	3	TSFTSVSRSGGGGGGGFGRVSLAGAC[339]GVGGYGSR	1
K6PF_HUMAN (P08237) 6- phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	*	1.03	*	*	*	1	2	KRSGEAAV	1
K6PP_HUMAN (Q01813) 6- phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	0.00	2.81	3.95	0.00	1	1	2	GITNLC[339]VIGGDGSLTGANLFRK	1

KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	*	6.68	*	*	*	1	3	FRSKMEAAGFTISGASHPIC[339]PVMLGDAR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	QETVDC[330]LKK	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	9.00	0.70	0.10	8	3	2	STVASC[339]M[147]HR	1
							2	QETVDC[339]LKK	1
							2	STVASC[339]MHR	2
							3	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	3
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	12.05	0.84	0.06	5	4	2	WQNVHFHC[330]SGAPVAPLQ	1
							2	LC[339]TGHEYAAK	2
							2	LC[330]TGHEYAAK	2
							3	NSKPIHTTILNPHVHVIGEDAAC[330]IAYIR	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	5.01	1.62	0.02	2	1	3	IC[339]DPGLTAFEPEALGNLVEGMDFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGMDFHR	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	4.48	1.20	0.00	1	1	3	IC[330]DPGLTSFEPEALGNLVEGMDFHK	1
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	3.62	1.01	0.00	1	3	2	EREGEEFDNTC[339]C[339]PDKR	1
							1	GSNPLK	1
							1	RNGSIVSMNLK	1

KCND2_HUMAN (Q9NZV8) Potassium voltage-gated channel subfamily D member 2 (Voltage-gated potassium channel subunit Kv4.2) [MASS=70536]	0.00	4.76	2.96	0.00	1	2	3	TPLSNSRSSLNAKMEEEC[330]VK	1
							3	C[339]VERTPLSNSR	1
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	*	1.93	*	*	*	1	2	FPLSRLSKLR	1
							3	SKDYEFM[147]WNPHLGYILTC[339]PSNLGTGLR	1
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	13.12	0.71	0.47	6	3	2	FC[339]TGLTQIETLFK	1
							2	FC[330]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	2
							2	GFC[339]LPPHC[339]SR	2
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	21.00	*	*	*	5	3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[330]PSNLGTGLR	2
							2	LGYILTC[339]PSNLGTGLR	1
							3	PVSPLLTC[330]AGMAR	1
							2	GLSLPPAC[339]TR	1
							3	TVGMVAGDEESYEVFADLFDPVIK	1
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.22	0.07	17	2	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	3
							3	HNNC[339]M[147]ASHLTPAVYAR	1
							2	HNNC[330]MASHLTPAVYAR	1
							2	HNNC[339]MASHLTPAVYAR	1
							3	SEVELVQLVIDGVNYLIDC[330]ER	1
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	*	4.18	*	*	*	2	2	TYNIILRGIDM[147]IEFPKK	1
							2	TLGKGDWFGEK	1
							3	SEVELVQLVIDGVNYLIDC[339]ER	1
							2	HNNC[339]M[147]ASHLTPAVYAR	1

KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	*	0.72	*	*	*	1	2	RGAIVSEPAIQVR	1
							2	LFLIVRVTVQLSHPADMQLVLR	1
							3	LSGDVGERIAGGDEVAEVPFEKETQENK	1
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	0.00	6.52	5.70	0.00	1	5	3	YVGPADFQEGTWVGVLDLPSGKNDGSIGGKQYFR	1
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1
							2	VAVRIRPMNR	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	0.99	2.69	0.45	0.00	1	2	3	LIEGC[339]FEGYNATVFAYGQTGAGK	1
							2	EGISINC[330]GLLALGNVISALGDK	1
							2	AM[147]HTPKPAVSGEKNIYAFM[147]GTPVQK	1
							2	VSFGGHLR	1
							2	PAVSGEKNIYAFM[147]GTPVQK	1
							3	ELFSAPGHTEESM[147]TIDKNTKIPC[330]K	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	5.19	*	*	*	10	2	AQSLVISPPAPSPR	1
							2	DGSVTGTKR	1
							3	QDKTEAEQQITEVFVLAERIEINR	1
							2	HLRTRVQK	1
							2	RVSISRSQHDILQMIC[330]SK	1
							2	AFMESPKQILDSAASLTGSK	1
KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin-like protein 1) [MASS=119273]	0.00	2.65	0.57	0.00	1	2	2	TPHVPYRESKLTR	1
							2	QPELLMMLNC[330]SENNK	1
KLD7B_HUMAN (Q96G42) Kelch domain-containing protein 7B [MASS=53295]	0.00	6.67	0.29	0.00	1	1	2	C[339]EIAPSSSEQEVRPAASGDPQGEAPGEGGSPAGR	1
KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	0.00	5.91	1.33	0.00	1	2	2	GM[147]SYC[339]PQATLTPSR	1
							3	HM[147]RVHTRYR	1
KLH12_HUMAN (Q53G59) Kelch-like protein 12 (CUL3-interacting protein 1) [MASS=63277]	0.00	5.99	2.37	0.00	1	2	2	PELRSQMGGPRTR	1
							3	SILNSMNSLRKSNTLC[339]DVTLR	1
KLK3_HUMAN (P07288) Prostate-specific antigen precursor (EC 3.4.21.77) (PSA) (Kallikrein-3) (Semenogelase) (Gamma-seminoprotein) (Seminin) (P-30 antigen) [MASS=28741]	0.00	8.05	2.58	0.00	1	1	3	LQC[339]VDLHVISNDVC[339]AQVHPQK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	2.35	*	*	*	2	2	TALIYSDGLKEVLRHAHAK	1
							3	LIDKAWQNYDKILAI SLVGS ELASLYQEIEM[147]GLK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.93	12.37	0.68	0.00	1	5	3	QC[330]VINVPSLC[339]GMDHTEK	1
							2	LTDFNFLMVLGKGSFGKVM[147]LADR	1
							3	TTRNDFM[147]GSLSFGVSELM[147]K	1
							3	HPAKRLGC[330]GPEGER	1
							2	C[330]DTC[330]DM[147]NVHK	1
KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	*	1.36	*	*	*	1	2	DNEERVFRER	1
KPCG_HUMAN (P05129) Protein kinase C gamma type (EC 2.7.11.13) (PKC-gamma) [MASS=78447]	*	3.30	*	*	*	1	2	C[339]FFGASPGR LHISDFSFLMVLGK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.90	3.77	0.55	0.00	1	2	2	NTGIIC[330]TIGPASR	1
							1	VVEVGSK	1
KR108_HUMAN (P60410) Keratin-associated protein 10-8 (Keratin-associated protein 10.8) (High sulfur keratin-associated protein 10.8) (Keratin-associated protein 18-8) (Keratin-associated protein 18.8) [MASS=26318]	0.00	9.65	*	*	*	1	3	VSSPSTC[330]TGSSWQVDNC[339]QESC[339]C[339]EPR	1
KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	*	1.08	*	*	*	1	1	GHQNR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	0.00	5.57	*	*	*	3	1	MLIALDK	1
							2	M[147]LIALDKW LDER	1
							2	VC[339]SESSTHFATLTARM[147]LIALDK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	2.41	*	*	*	2	2	PNLSQIGMGK	1
							2	QRHAVRTPPR	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	*	0.48	*	*	*	1	1	HQMAVK	1

LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	*	2.15	*	*	*	3	2	GENEEMEKDLREK	1
							3	KADAVRVITFTGC[330]MGETYFDNK	1
							3	NGLPYFSYDLGSGDTHMIPTKINDGQWHKIK	1
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	6.97	0.68	0.02	2	2	2	NM[147]TFDLPSDATVVLNRSSC[339]GK	1
							2	C[339]NAEEHVR	1
							2	C[330]NAEEHVR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	5.56	2.42	0.00	1	1	3	TADPHDC[339]SAYTGWTGIALLYLQLYR	1
LASS4_HUMAN (Q9HA82) LAG1 longevity assurance homolog 4 [MASS=46399]	0.48	5.08	0.70	0.00	1	1	2	IGSLVLLLDSSDYLLLEAC[330]K	1
LASS6_HUMAN (Q6ZMG9) LAG1 longevity assurance homolog 6 [MASS=44890]	*	2.86	*	*	*	1	2	RNQEKPSTLTR	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	0.00	6.13	0.20	0.00	1	2	2	LGIPEC[330]ILLVTQR	1
							3	SIM[147]RM[147]KSGQM[147]FAK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	7.43	*	*	*	3	2	DC[330]DSEWKGSQIGSC[330]GTGVQWDGR	1
							3	AVRHC[339]VRAFLEQIGAPQAALR	1
							1	LYHTM[147]TR	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	3.61	*	*	*	1	2	VIGSGC[339]NLDSAR	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	6.01	0.57	0.36	3	1	2	GM[147]YGIENEVFLSLPC[339]ILNAR	1
							2	GM[147]YGIENEVFLSLPC[330]ILNAR	1
LDHC_HUMAN (P07864) L-lactate dehydrogenase C chain (EC 1.1.1.27) (LDH-C) (LDH testis subunit) (LDH-X) [MASS=36180]	0.00	6.65	*	*	*	1	3	LKGYTSWAIGLSVM[147]DLVGSILK	1
							2	LKGYTSWAIGLSVMDLVGSILK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	20.15	0.82	0.15	3	2	2	DSNNLC[330]LHFNPR	1
							2	FNAHGDANTIVC[330]NSK	1
							2	DSNNLC[339]LHFNPR	1

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.00	5.41	0.82	0.00	1	2	2	LELAKFLQDTIEEM[147]ALKNK APWTSTSVGFVAVGPQC[330]LPVR	1 1
LNK2_HUMAN (Q8N448) Ligand of Numb-protein X 2 (Numb-binding protein 2) (PDZ domain-containing RING finger protein 1) [MASS=76004]	0.00	13.48	0.93	0.00	1	4	3	YGTPELAAQIIQASGERVNLTARPGK C[330]GDM[147]IVAVNGLSTVGM[147]SHSALVPM[147]LKEQR C[330]GDM[147]IVAVNGLSTVGM[147]SHSALVPM[147]LK LC[330]JKSSILVHK	1 1 1 1
LPP1_HUMAN (O14494) Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a) (Phosphatidate phosphohydrolase type 2a) (PAP2a) (PAP-2a) (PAP2-alpha) [MASS=32156]	0.00	10.56	11.01	0.00	1	1	3	MFDKTRLPYVALDVLG[339]VLLAGLPFAILTSR	1
LPP_HUMAN (Q93052) Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) [MASS=65746]	0.00	6.37	3.73	0.00	1	2	2	KM[147]LYDMENPPADEYFGRC[330]JAR C[339]SVC[339]KEPIMPAPGQEETVR	1 1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	*	1.70	*	*	*	1	2	LGLTLNKDR	3
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	*	3.26	*	*	*	1	2	GM[147]DLQPGNALKRFLTSQTK	1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	*	5.44	*	*	*	1	3	HLDVM[147]DLSKNQIR	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	*	10.42	*	*	*	2	3	WLDLKDNPDPVLAKVAGDC[339]LDEK SKSGSRPR	1 1
LRC8C_HUMAN (Q8TDW0) Leucine-rich repeat-containing protein 8C (Protein AD158) [MASS=92391]	*	2.74	*	*	*	1	3	YFPYLVIHTLVFM[147]LC[339]SNFWFK	1
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	*	1.62	*	*	*	1	2	TRKPSLSEK	1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.00	1.14	0.52	0.00	1	3	3	C[330]VRTEKAAYC[330]AC[339]R DC[330]ADGADESIAAGC[330]LYNSTC[330]DDR IERC[330]EYDGSRYVILK	1 1 1

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LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	0.99	*	*	*	1			
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	9.29	0.59	0.00	1	1	2	QC[330]QPSDTV[C330]ASVR	1
LYPA2_HUMAN (O95372) Acyl-protein thioesterase 2 (EC 3.1.2.-) (Lysophospholipase II) (LPL-I) [MASS=24737]	0.87	7.79	1.17	0.00	1	2	2	YIC[330]PHAPR	1
							2	FGALTAEKLR	1
M2GD_HUMAN (Q9U117) Dimethylglycine dehydrogenase, mitochondrial precursor (EC 1.5.99.2) (ME2GLYDH) [MASS=96806]	0.00	1.39	0.18	0.00	1	1	2	SC[330]PLQGSPGRPR	1
M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1) [MASS=181550]	*	2.05	*	*	*	2	2	TLISQSKDTASK	1
							3	PHSPVTGLYLAIHRNSPRPMK	1
							1	HGHLSEK	1
							2	ALLELVWRAREGLDK	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	*	3.09	*	*	*	9	3	LEEEKVVVEEKQEHVEK	1
							2	DGHNLSLLEVLGKLPREK	1
							2	ATHSSSTSWFRKPM[147]TR	1
							3	C[330]DSFLHQSPSSSVPTLRSELNLLVEK	1
							2	ELMMGVLGPLSIDPNM[147]LNAQKQVQFM[147]LK	1
							2	FLDVLELAEKFWYDMAALLTTIK	1
							2	NQTKLDQC[339]QK	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.86	*	*	*	3	3	QIQPLELNLAELQDLLC[339]QAKVLER	1
							3	LLPVKQLAGGM[147]VSLKSGR	1
							1	IISSETVGLK	1
MAGAB_HUMAN (P43364) Melanoma-associated antigen 11 (MAGE-11 antigen) [MASS=48129]	0.00	2.56	7.08	0.00	1	1	2	GGLGC[339]SPASIK	1

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	6.46	2.69	0.00	1	2	3	YC[339]M[147]FNDDIQGTASVAVAGILAALR 3 NEKLFYRVLTSDEK	1 1
MAOX_HUMAN (P48163) NADP-dependent malic enzyme (EC 1.1.1.40) (NADP-ME) (Malic enzyme 1) [MASS=64149]	0.00	6.82	0.69	0.00	1	2	2	ILGLGDLGC[330]NGM[147]GIPVVK 3 EKFAHEHEEM[147]KNLEAIVQEIK	1 1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	0.24	2.50	0.77	0.00	1	5	3	SEPQDFQEADSWGDTK 2 LEALLEKTK 2 RSIEEAC[339]LTLQHLNR 2 LSKPC[330]C[330]YIFPGGR 2 SVEHKAPEDTVAEMKDR	1 1 1 1 1
MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	0.24	1.54	*	*	*	2	2	SDISPLTPRESSPLYSPTFSDSTSAVK 2 M[147]SISEGTVSDK	1 1
MASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b] [MASS=75685]	*	1.31	*	*	*	1	2	HDASALDIR	2
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	1.22	*	*	*	1	3	SRASSSGGSGGGSGGR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	4.84	0.52	0.00	1	2	2	C[330]VKVDLSEK 3 DLSAAGIGLLAAATQSLSM[147]PASLGRMNQGTAR	1 1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	*	8.21	*	*	*	3	3	ESEPGSSASFGKRR 2 FHPSMLSNYLKSLKVK 2 DLRM[147]HLSNTLLDGEM[147]IIDR	1 1 1

MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.15	*	*	*	1	2	WTKTAGSASDK	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.47	2.10	0.48	0.00	1	1	1	AIC[330]DHVR	1
							2	AIC[330]DHVR	1
							2	TIIP LISQC[339]TPK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	16.27	1.41	0.08	8	4	2	SQETEC[339]TYFSTPLLLGK	1
							2	GYLGPEQLPDC[339]LK	1
							2	TIIP LISQC[330]TPK	1
							2	GC[330]DVVVIPAGVPR	1
							3	GC[339]DVVVIPAGVPR	1
2	GC[339]DVVVIPAGVPR	2							
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	0.00	2.51	0.62	0.00	1	2	3	EVFWAGNC[330]SEAAC[339]GAADC[339]EQC[339]TR	1
							3	SEPFLAPLLLTGAGGPWGP MGGGC[330]C[330]PPAIPATTAGLR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	11.76	*	*	*	4	2	EEATMANEALMR	1
							2	VNKLILQLC[339]IGNHDLFMRR	1
							3	QPKTFTVRIVTMDAEMFN C[330]EM[147]K	1
							2	ERETALDILHNENSDR	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	*	3.30	*	*	*	1	3	LLRNKAGWLDSELNMFTHQYLQPSR	1
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	2.75	2.81	0.00	1	2	3	C[339]SEPC[339]LQNEVK	1
							2	DFVLNVKFDAPFR	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	48.03	0.99	0.33	7	3	3	GALGSIALLGLVGTTCV[330]SAFQHLGWVK	1
							3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	2							

MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	4.72	0.86	0.00	1	3	3	KFYGKFC[330]AGSIDHISIR	1
							3	DCJ[330]THYFVMTAKKQSLDDK	1
							2	SDLQLGGTENFATLPSTR	1
MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase kinase 6) (MAPK/ERK kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MiNK) [MASS=149808]	*	2.63	*	*	*	2	2	QRRIEEQK	1
							3	SDIWSLGITAIEM[147]AEGAPPLC[330]DM[147]HMPR	1
MKNK2_HUMAN (Q9HBH9) MAP kinase-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 2) (Mnk2) [MASS=51875]	0.00	2.37	6.01	0.00	1	1	2	C[339]LQLSPPSQSK	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	*	1.20	*	*	*	4	3	PGTPGEGM[147]LSSDLDR	1
							2	AKNVQLSTGQGSEGLR	1
							2	PDKVPRDMR	1
							3	REANGEPIGAPGTSNHLLLAGPR	1
							1	TFPGIPK	6
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL-1) [MASS=53977]	*	1.47	*	*	*	1			
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.91	10.28	0.98	0.00	1	2	3	LLQDSGAPDGTLNIIHGQHEAVNFIC[339]DHPDIK	1
							2	NLRVNAGDQPGADLGPLITPQAK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.83	4.86	1.93	0.00	1	1	2	FSDEGGFTC[339]FFR	1
MOK_HUMAN (Q9UQ07) MAPK/MAK/MRK overlapping kinase (EC 2.7.11.22) (MOK protein kinase) (Renal tumor antigen 1) (RAGE-1) [MASS=48013]	0.00	5.49	1.37	0.00	1	2	3	AIGKIGEGTFSEVMK	1
							2	DGNYYAC[339]K	1

MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	0.00	9.58	1.34	0.00	1	4	3	ESVPRRHLSEGTNSYATR	1
							3	AEC[339]SQC[339]SNNESKSEM[147]DEM[147]AVQLDDVFR	1
							3	SEVELLEMEKSQLRSQC[339]EELK	1
							2	VGC[339]QLRANNM[147]GVGVVGIIEC[330]NFLK	1
							3	AEC[339]SQC[330]SNNESKSEM[147]DEM[147]AVQLDDVFR	1
MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	0.00	2.35	0.98	0.00	1	1	3	ITFGFSC[330]KNSNQFGIM[147]M[147]YHNNR	1
MOS1B_HUMAN (Q9NZB8) Molybdenum cofactor biosynthesis protein 1 B (MOCS1B) (Molybdenum cofactor synthesis-step 1 protein A-B) (Molybdenum cofactor biosynthesis protein C) [MASS=70105]	0.00	3.93	0.49	0.00	1	1	2	GPTGVEM[147]EALTSAAVAALTYDM[147]C[330]K	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	*	4.98	*	*	*	6	3	INIC[330]GSVDIVQC[330]GPSSAVC[339]MHDLKTR	1
							3	TWNLGLSNAKLSYYDGM[147]IQLNYRGGTPYNNER	1
							2	DGIIVLKYVDGDLG[330]PDGIRK	1
							2	PQEVQMVNGTITNPINGKSFSLGDIYFK	1
							2	FISSPMKEK	1
							2	LTYENGLLK	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	*	2.03	*	*	*	1	3	LFNLGTM[147]QC[339]LGTGWPGTNTTASLGM[147]YEC[330]DR	1
MSAP_HUMAN (Q9Y2B0) MIR-interacting saposin-like protein precursor (Transmembrane protein 4) (Putative secreted protein ZSIG9) [MASS=20652]	0.45	5.49	2.12	0.00	1	1	2	SQDLHC[339]GAC[339]JR	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	0.00	3.54	0.37	0.00	1	1	3	IEELNKTASGNVEAKVVC[330]FYR	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	3.06	0.28	0.00	1	1	3	AITVENASVLVHC[330]SDGWDR	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	0.00	2.54	0.13	0.00	1	2	2	SLHC[330]MIPGIVAM[147]HIETLEAVHR	1
							3	VTTVFNSAQRLEVVRNC[330]ISFIFENK	1
MTPN_HUMAN (P58546) Myotrophin (Protein V-1) [MASS=12764]	0.00	16.24	0.22	0.00	1	1	3	HHITPLLSAVYEGHVSC[330]VK	1

MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78-related protein) [MASS=82088]	0.00	2.52	0.62	0.00	1	1	3	M[147]EQM[147]VFC[330]QDQIYSVVLKK	1
							2	FSMVM[147]SLDFNATGR	1
							2	TQFSSC[330]ESLLESRPSMGR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	0.61	4.17	1.07	0.00	1	6	3	IADLTSDLADERFK	1
							2	EGVLLSKAEK	1
							2	QNTDLLESKIADLTSDLADER	1
							3	SFSSHLSM[147]ASIM[147]VVDSPGFQNP RHQ GKDR	1
MYCN_HUMAN (P04198) N-myc proto-oncogene protein [MASS=49561]	0.00	3.23	1.43	0.00	1	1	2	MPSC[339]STSTM[147]PGMIC[339]K	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	*	2.14	*	*	*	2	2	LEGDSTDLSQIAELQAQIAELKM[147]QLAK	1
							2	NLPIYSEEIVEMYK	1
MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myosin) [MASS=215420]	0.00	2.96	1.20	0.00	1	3	3	NPDILVGENDLTALSYLHEPAVLHNLR	1
							2	C[339]IKPNDFK	1
							2	QLNSFHSVMC[339]QHGM DP ELIK	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	2.75	*	*	*	3	3	TKQRGDFPTDC[330]VYVMPVTM[147]PPR	1
							2	VSSLGSGSDHVM DAISQC[339]EQYAK	1
							2	KPIMLPVTFM[147]DGTTK	1
							2	ELIGMDPVAVFRWAVLRAAIR	1
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	0.00	3.80	0.58	0.00	1	5	2	MSPGALAIIFAPC[330]LLR	1
							3	PDSPGGSTQIQR	1
							2	VQEKPDSPGGSTQIQR YLDAER	1
							3	YTG MLETVRIR	2
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	0.00	3.79	0.75	0.00	1	3	2	MLQNLSASEGQLVVFEC[339]R	1
							2	LKHFRVTEGSPVFTFC[339]K	1
							2	HFRVTEGSPVFTFC[330]K	1

							2	VC[330]GSNLLSIC[330]K	2
							2	VC[339]GSNLLSIC[339]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	13.41	1.51	0.13	11	4	1	TSASIGSLC[339]ADAR	2
							2	VC[339]HC[339]LGK	1
							2	TTIC[339]GK	1
							2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	2
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferas [MASS=231343]	*	3.52	*	*	*	6	2	QAQELSWEK	1
							3	INIKQESADVNVIGNK	1
							2	REKLILSHM[147]JEK	1
							2	QSC[330]TSHVLATGTTQKLK	1
							3	LQTQIASKGHISMR	1
							1	TTFLKK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.30	15.97	0.81	0.00	1	1	2	LLYIGFLGYC[339]SGLIDNLIR	1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD(+) synthetase (EC 6.3.5.1) (NAD(+) synthase [glutamine-hydrolyzing]) (NAD(+) synthetase 1) [MASS=79293]	*	2.83	*	*	*	1	3	ELAQQIGSHHISLNIDPAVK	1
NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	*	2.74	*	*	*	2	2	RLIKM[147]NLTQNTLGYEGIVK	1
							2	C[330]FLFGLLNEDR	1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	*	3.70	*	*	*	2	3	RLQRLGLGSGTLLSVSEYK	1
							3	C[330]C[330]PAGQALRLISC[330]R	1

NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	0.00	6.01	0.85	0.00	1	5	3	VEPFTTLHIQLQSGRFDC[330]ADR	1
							2	DC[339]YEALMVNM[147]HK	1
							3	EEQDQKEKLVLM[147]EDC[339]ELITIIDVIPGR	1
							3	YENFEDPMGTIDK	1
							1	NAKAMR	1
							2	FFLC[330]QVAGDAK	3
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	8.49	0.51	0.31	9	4	2	KVDKNDEAEYIC[330]IAENK	2
							2	FFLC[339]QVAGDAK	1
							3	KVDKNDEAEYIC[330]IAENK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							3	PAPAEVKTVPNDATQTKENESK	1
							2	KVDKNDEAEYIC[339]IAENK	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	0.99	7.05	0.89	0.00	1	3	3	GSNTELTVRNIINSDGGPYVC[339]RATNK	1
							2	LIEENEKYILKGSNTELTVR	1
							2	NIINSDGGPYVC[330]R	1
NCKX5_HUMAN (Q71RS6) Sodium/potassium/calcium exchanger 5 precursor (Na(+)/K(+)/Ca(2+)-exchange protein 5) (Solute carrier family 24 member 5) [MASS=54888]	0.00	5.20	1.80	0.00	1	1	2	GDMAM[147]SNIVGSNVFDM[147]LC[339]LGIPWFIK	1
NCOA5_HUMAN (Q9HCD5) Nuclear receptor coactivator 5 (NCoA-5) (Coactivator independent of AF-2) (CIA) [MASS=65536]	0.00	9.67	0.54	0.00	1	3	2	NM[147]PQADAMVLVARNYERYK	1
							1	YLTAETEDK	1
							3	SC[330]TVNIMFGTPEHRNMPQADAMVLVAR	1
NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	0.00	5.08	3.32	0.00	1	1	3	TTLLKM[147]ADC[339]GGLPQISQPAK	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	0.69	8.89	*	*	*	2	2	LDPTQTSFLK	1
							3	C[339]PVMLVVGDAQPHEDAVVEC[330]NSK	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.42	0.06	4	1	2	IHLC[339]QR	2
							2	IHLC[330]QR	2

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	*	3.51	*	*	*	1	1	C[339]LEEGK	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	11.83	1.27	0.01	2	3	2 KQC[330]VDHYNEVK 2 QC[330]VDHYNEVK 2 GDPHEM[147]KITSAYLQDIENAYK	1 1 1	
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	14.71	1.12	0.05	5	2	2 DYC[330]AHHLIR 2 DYC[339]AHHLIR 2 RDSFPNFLAC[339]K	2 2 1	
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.21	12.87	1.41	0.00	1	2	2 KAAKEAAAATS 2 EGQNYQQNC[339]IK	1 1	

								3	DKTQIHMPDTPPEIMLAR	1
								3	YKQSAEMEKANFTSVVDTPEIIHAQVVK	1
								3	DKTTIHVMPDTPDILLSR	1
								1	M[147]VGFR	1
								3	IMWSLHIAKVQSDREYK	1
								3	YNTPHDMFNVVAAKKAQDVVSNVNYK	1
								2	TIHVMPDTPPEIM[147]LAKLNR	1
								3	GKPM[147]LDFETPTYITAKESQQMQSGK	1
								3	NYLHQWTC[330]MPDQNDVIQAKKAYELQSDNVYK	1
								2	SLQDDPKLVLSMNVAK	3
NEBU_HUMAN (P20929) Nebulin [MASS=773208]	0.00	5.43	0.52	0.00	1	19				
								2	RASEIIEK	1
								2	GAWEGTKAYGYTLDERYIPIVGAK	1
								2	EDYENKIK	1
								3	QHPDTPVFTSVPDSMGMLLAQHNTK	1
								3	TSYHTPGDM[147]VTITAAKM[147]AQDVATNVNYK	1
								2	ADLKDSLK	1
								2	GYDLPVDAISVQLAKASRDIASDYK	1
								3	MQDLFSPNKYKEK	1
								3	FMPYIAHSQKM[147]QDLFSPNK	1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.00	5.93	0.83	0.00	1	1		2	DQAGEYEC[339]SAENDVSFPDVRK	1
NEK4_HUMAN (P51957) Serine/threonine- protein kinase Nek4 (EC 2.7.11.1) (NimA- related protein kinase 4) (Serine/threonine- protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	2.02	*	*	*	1		2	LPAM[147]PRDYSPELAELIR	1
NELL2_HUMAN (Q99435) Protein kinase C- binding protein NELL2 precursor (NEL-like protein 2) (Nel-related protein 2) [MASS=91346]	*	3.06	*	*	*	2		2	M[147]ESRVLLR	1
								2	IMELQDILAKTSAKLSR	1
NF1_HUMAN (P21359) Neurofibromin (Neurofibromatosis-related protein NF-1) [Contains: Neurofibromin truncated] [MASS=319370]	0.00	3.10	0.53	0.00	1	6		3	YFTLFMNLND[330]SEVEDESAQTGGRK	1
								3	ALKKVAQLAVINSLEK	1
								3	FMDRLLSLMVC[339]NHEKVGLQIR	1
								2	SYKYLKLSMVK	1
								2	AVGRRPFDK	1
								1	GMSRR	1

NF2L2_HUMAN (Q16236) Nuclear factor erythroid 2-related factor 2 (NF-E2-related factor 2) (NFE2-related factor 2) (Nuclear factor, erythroid derived 2, like 2) (HEBP1) [MASS=67826]	*	4.46	*	*	*	1	3	IINLPVVDNFNEMM[147]SKEQFNEAQLALIR	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	7.28	0.61	0.28	2	5	3	VRVMNSTAISLQWNRVYSDTVQGQLR	1
							2	VRVMNSTAISLQWNR	1
							3	TRLDC[330]PFFGSPIPTLR	1
							2	KEDQGIYTC[330]VATNILGK	1
							2	GPEPESVIGYSGEDYPRAAPTEVK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-I/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	10.48	*	*	*	3	2	HPC[339]C[339]VLSNPDQK GK	2
							2	TWHERDQDM[147]SSPTTMK	1
							3	GIPLESTDGERLMK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	*	13.77	*	*	*	1	3	TVEEALTIKNTDIAKELC[330]LPPVK	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.94	5.71	1.25	0.00	1	1	2	C[339]HAFEK	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	*	3.17	*	*	*	1	2	MGPNIYELR	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	0.96	5.59	1.21	0.00	1	1	2	LQFHNVKPEC[339]LEAYNK	1
NKRF_HUMAN (O15226) NF-kappa-B-repressing factor (NFKB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	0.00	8.84	0.14	0.00	1	4	3	SSQC[330]HTGSSPR	1
							2	KM[147]GWTGGGLGKSGEGIR	1
							2	TVKYEAAGEAVKTLK	1
							2	C[330]QNIYLTG YAGSKNGSR	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	1.98	1.00	0.04	2	2	3	SDSYHRGRSYNR	2
							2	EPVGRIMFQLFSDIC[330]PK	2
NKX32_HUMAN (P78367) Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) [MASS=34814]	0.00	41.44	0.74	0.00	1	5	3	GAHVSALC[330]SGAGGGGGSGPAGVAEEEEPAAPKPRK	1
							2	DAGALGGAEDSLLASPAGTR	1
							3	GAHVSALC[330]SGAGGGGGSGPAGVAEEEEPAAPKPR	1
							2	RQMAADLLASAPAAK	1
							3	EERGGLAPEGRPAPGGTAASVAAAPAVC[339]C[330]WR	1

NLGN1_HUMAN (Q8N2Q7) Neuroligin-1 precursor [MASS=93835]	0.00	2.86	1.34	0.00	1	1	3	GLGAPLTLC[339]M[147]LGC[339]LLQAGHVLSQK	1
NLTP_HUMAN (P22307) Nonspecific lipid-transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	*	2.38	*	*	*	1	2	M[147]VGFDMSCAARK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	5.43	1.21	0.02	3	4	2	ILIVGGGVAGLASAGAAK	1
							2	KTC[339]DALQAK	1
							2	EANSIIITPGYGLC[339]AAK	1
							3	EFIEAEMKLFAQQC[339]K	1
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	*	3.97	*	*	*	2	3	PDAYDMM[147]VRELGFMKAQPSNR	1
							2	VLEFGRKQGSSK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	0.00	6.81	1.14	0.00	1	2	2	EEPLSEEEPC[330]TSTAIASPEK	1
							3	YGLIYHASLVGQTSPK	1
							3	SSPC[330]ANGGQC[339]QDQPGAFHC[330]K	1
							3	C[339]SC[330]PHSSPGPR	12
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	*	1.55	*	*	*	2			
NOV_HUMAN (P48745) Protein NOV homolog precursor (NovH) (Nephroblastoma overexpressed gene protein homolog) [MASS=39162]	*	3.36	*	*	*	1	2	FQPSC[330]KFQC[339]TC[339]R	1
NOX3_HUMAN (Q9HBY0) NADPH oxidase 3 (EC 1.6.3.-) (gp91phox homolog 3) (GP91-3) (Mitogenic oxidase 2) [MASS=64934]	0.00	7.39	0.35	0.00	1	2	3	TLQKM[147]C[330]HLYSSADPRGVHFYFNK	1
							2	QIAYNHPSSSIGVFFC[330]GPK	1

NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.00	3.13	0.58	0.00	1	2	2	QRPQGGDFMRFLPMFLSDNPNPK GAEDGTSVQASESC[330]LFR	1 1
NPHP1_HUMAN (O15259) Nephrocystin-1 (Juvenile nephronophthisis 1 protein) [MASS=83299]	0.00	5.60	1.62	0.00	1	2	2	M[147]IPLPGM[147]SIQVLSRHVR NVLSELLPETLIGNM[147]C[339]SIHLLIFYR	1 1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	11.70	0.52	0.09	3	2	2	SENKNEGQDATM[147]YC[330]K AEDSGEYHC[339]VYHFVSAPK AEDSGEYHC[330]VYHFVSAPK	1 1 1
NRBP_HUMAN (Q9UHY1) Nuclear receptor-binding protein [MASS=59844]	*	4.30	*	*	*	1	3	LQEEKVRAVFDNLIQLEHLNIVK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	9.06	*	*	*	3	3	RDPAPGFSMLLFGVSLAC[339]YSPSLKSVQDQAYK VALVKVLDKWPLR AAAAGGM[147]RRDPAPGFSM[147]LLFGVSLAC[330]YSPSLK	1 2 1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	*	2.17	*	*	*	2	2	NYISNSAQSNQAVVK FPKWNAC[330]C[330]ESEM[147]SFQLK	1 1
NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	*	2.40	*	*	*	2	2	DSADTLRLELDGGRVK QLAEMQNAAGVKSSC[339]SRM[147]SAK	1 1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	0.97	4.30	0.37	0.00	1	2	2	SQLSC[339]VVVDDIER RQKIEVGLVVGNSQVAFEK	1 1
NTAL_HUMAN (Q9GZY6) Linker for activation of T-cells family member 2 (Non-T-cell activation linker) (Linker for activation of B-cells) (Membrane-associated adapter molecule) (Williams-Beuren syndrome chromosome region 15 protein) [MASS=26550]	0.00	27.98	2.85	0.00	1	2	3	TGPTSGLC[339]PSASPEEDEESEDYQNSASIQWR VMGQLQREASPGVGPDEEDGEPDYVNGEVAATEA	1 1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	0.00	1.29	1.36	0.00	1	1	2	EQMC[339]LM[147]VADM[147]LEYVPVK	1
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	0.00	2.92	3.42	0.00	1	4	2	VC[339]ATLPSTVAVTSVC[339]WSPK AC[339]FQVGTSEEMK HGAPSPSHPIAPQQLAAAAALRR RPFAYHK	1 1 1 1

NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.96	13.04	0.80	0.00	1	1	2	STPYEC[330]GFDPM[147]SPAR	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	4.95	1.45	0.05	4	3	2	VVAAC[339]AM[147]PVMK	1
							3	IRM[147]TSGVTGDWKVM[147]NILHR	1
							2	FC[339]YHER	1
							2	VVAAC[339]AM[147]PVM[147]K	1
							2	FC[330]YHER	1
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	18.32	1.77	0.09	5	6	2	LLEGC[339]LVGGR	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
							2	YLVVNADEGEGP[339]K	1
							3	FSGDTTAPKTSFGSLK	1
2	YLVVNADEGEGP[339]KDR	1							
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	1.78	0.04	3	1	2	YHIQVC[339]TTTPC[339]M[147]LR	2
							2	YHIQVC[339]TTTPC[339]MLR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.94	23.94	1.26	0.00	1	2	3	SSLWPMTFGLAC[339]C[339]AVEMM[147]HMAAPR	1
							3	IPVDIYIPGC[330]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	1.39	0.15	6	2	3	VIAC[339]DGGGGALGHPK	2
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	1
							2	TGTC[339]GYC[339]GLQFR	1
O51F1_HUMAN (Q8NH61) Olfactory receptor 51F2 [MASS=37205]	0.00	9.70	0.87	0.00	1	1	3	EINLNAC[330]IAQMFFLHGFTFM[147]ESGVLLAM[147]AFDR	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	*	6.31	*	*	*	1	3	NKQIQWGM[147]LNFLSLKNM[147]HSR	1
O52P1_HUMAN (Q8NH57) Olfactory receptor 52P1 [MASS=34889]	0.00	10.59	1.40	0.00	1	1	3	YATILTDTIIAHIGVAAVVRGSLMLPC[339]PFLIGR	1
OAT4_HUMAN (Q9NSA0) Solute carrier family 22 member 11 (Organic anion transporter 4) [MASS=59971]	0.00	4.91	1.25	0.00	1	1	3	RAVTMTVVC[330]AFSAGQAALGGLAFALR	1
OAT5_HUMAN (Q63ZE4) Solute carrier family 22 member 10 (Organic anion transporter 5) [MASS=59033]	*	4.71	*	*	*	2	3	C[330]LALLTLNHMGR	1
							3	C[339]LALLTLNHMGR	1

							2	KPGLASFRLSGLK	1
							2	MDQPQFSGAPR	1
							2	GSETLRDGDR	1
							2	VEAVGC[330]TR	1
							3	PSAAQC[330]LSHPWFLKSMPAEEAHFINTK	1
							3	KEM[147]KQQEGPM[147]FSHTFGDTEAQVGDALR	1
							2	FKM[147]SLEGQM[147]AELR	1
							2	LM[147]LRRTC[339]STM[147]TGPVHFTVGK	1
							3	C[339]YAGLSGGAVAFLRSTLC[339]AQPWGR	1
							3	C[330]EFADQGVYVC[339]DAHDAQSSASVKVQGR	1
							2	PMPAHFIGRLRHQESIEGATATLR	1
							2	MAPVEWWK	1
							2	LEVRVKPVVFLK	1
							2	GGYIAGALPGLR	1
							3	WLKDGVELTDGR	1
							2	SLTVLGLRAEDAGEYVC[339]ESR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	3.36	0.61	0.00	1	16			
							3	DIATETVGTGIMGKM[147]GNK	1
							2	AIQFLLGFLLGSEED	1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	*	3.66	*	*	*	2			
							2	C[330]HSEPDGPGIAALTSEER	1
							3	GFDRHLLGLLLIAK	1
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	0.00	5.23	0.87	0.00	1	2			
							2	C[339]TVGLR	1
ODDB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha- keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	0.00	1.53	1.44	0.00	1	1			
							2	NGHNEMDEPM[147]FTQPLM[147]YKQIR	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	*	2.10	*	*	*	1			

ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.62	4.89	0.99	0.00	1	2	1	ASALAC[339]LK	1
							2	DVPIGAIIC[339]ITVGKPEDIEAFK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	2.82	1.60	0.02	5	2	2	KC[339]DLHR	2
							2	C[339]DLHR	2
							1	C[339]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.00	7.24	1.05	0.00	1	2	3	QGTHITVVSHSR	1
							2	PVGHC[339]LEAAAVLSK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.99	8.18	1.78	0.00	1	2	2	STVPHAYATADC[339]DLGAVLK	1
							2	GDIPIKILM[147]PSLSPTMEEGNIVK	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.93	10.45	1.00	0.00	1	2	2	AHVIGTPC[330]STQISSLK	1
							3	FTFIPDQSFDFLQLQEITLYNNRWSC[330]DHK	1
							2	TQEQC[339]VHNETKNELEK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	6.04	1.22	0.04	4	4	2	TALNHC[339]NLC[339]R	1
							3	TQEQC[339]VHNETKNELEK	2
							2	LDAFIEALHQEK	1
							3	EFDLTKEEDLAALRHEIELR	1
							2	TQEQC[330]VHNETKNELEK	1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	0.98	13.62	1.48	0.00	1	2	2	DQSGEYEC[339]SALNDVAAPDVRK	1
							3	GRMSTLTFNVSEKDYGNITC[339]VATNK	1

OR2G3_HUMAN (Q8NGZ4) Olfactory receptor 2G3 (Olfactory receptor OR1-33) [MASS=34506]	0.00	5.50	0.21	0.00	1	1	3	YIAVC[330]KPLHYVIM[147]NPR	1
OR4N4_HUMAN (Q8N0Y3) Olfactory receptor 4N4 [MASS=35822]	0.00	5.38	1.08	0.00	1	1	2	YIAIC[330]RPLHC[330]STVMNPR	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	5.20	0.82	0.00	1	1	3	YM[147]AIC[339]YPLHYPVIVSGR	1
ORAV1_HUMAN (Q8WV07) Oral cancer overexpressed protein 1 (Tumor amplified and overexpressed sequence 1) [MASS=15354]	*	24.82	*	*	*	2	3 2	VLESLIGM[147]IQKFPYDDPTYDK C[330]LLHSC[330]TTEKDSR	1 1
ORCT2_HUMAN (Q96B11) Organic cation transporter-like protein 2 (Imprinted multi-membrane spanning polyspecific transporter-related protein 1) (Efflux transporter-like protein) (Tumor-suppressing subchromosomal transferable fragment candidate gene 5 prote [MASS=43123]	0.00	7.35	0.80	0.00	1	1	3	SSVILLTYVLAATELTC[330]LFMQFSIVPYLSR	1
ORNT1_HUMAN (Q9Y619) Mitochondrial ornithine transporter 1 (Solute carrier family 25 member 15) [MASS=32736]	*	4.65	*	*	*	1	2	C[339]RLQTM[147]YEMETSGK	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	*	7.81	*	*	*	3	2 3 3 3 2 3 1	EKQDWSSC[330]PDIF M[147]AATELRGVVGPAAIAALGGGGAGPPVGGGGGR VQPVIGENGGDARQR WFEVDLPENELLHPPLNIR QLVGLNM[147]DPVVC[330]VEVGDDK ANETDEDDIEGNLLLPEGVPPER LVPEHVETR M[147]ADEAYC[339]PPRFPPQLEYQIYR RHTVRDK	1 1 1 1 1 1 1 2
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	0.00	6.06	0.93	0.00	1	8	3 1 2 2	M[147]ADEAYC[339]PPRFPPQLEYQIYR RHTVRDK DGKVDGPHFGPPGR YFLWHTYR	1 2 1 1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	0.00	3.64	2.55	0.00	1	1	3	LLHDPPEDC[339]R	1

P2RY5_HUMAN (P43657) P2Y purinoceptor 5 (P2Y5) (Purinergic receptor 5) (RB intron encoded G-protein coupled receptor) [MASS=39391]	0.00	7.56	0.61	0.00	1	1	3	IVIFIEIVGFFIPLILNVTC[330]SSM[147]VLK	1
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (CaI-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	*	3.23	*	*	*	1	2	MLLKRGCG[330]NVNSTSSAGNTALHVAVMR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	1.00	12.39	0.49	0.15	2	4	2 LAM[147]TREM[147]NSKTEQSVTPEQQK 3 LC[330]NDLM[147]NC[339]VQERAKIEK 2 AYHLAC[330]KEEK 2 AYHLAC[330]K	1 1 1 1	
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	1.66	0.47	0.00	1	1	2	MLLASPGAC[330]FK	1
PANK3_HUMAN (Q9H999) Pantothenate kinase 3 (EC 2.7.1.33) (Pantothenic acid kinase 3) (hPanK3) [MASS=41094]	0.00	14.05	1.02	0.00	1	2	3 EDLARATLVITINNIGSVARMCG[339]AVNEK 3 ATLVITINNIGSVARMCG[339]AVNEKINR	1 1	
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	3.11	0.01	2	1	3	SLLHMISNDIGQLAC[339]LHAR	2
PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenylyltransferase (EC 2.7.7.4) (Sulfate adenylyl transferase) (SAT) (ATP-sulfuryl) [MASS=70833]	*	4.81	*	*	*	3	2 DPAGMPHPETGK 1 M[147]EIPGSLC[330]K 2 NLGFSPEDR	1 1 1	
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	26.98	0.66	0.19	3	3	2 MM[147]NGGHYTYSENK 3 GLIAAIC[330]AGPTALLAHEIGFGSK 2 GLIAAIC[330]AGPTALLAHEIGFGSK 2 DVVIC[330]PDASLEDAKK	1 1 1 1	
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	0.00	6.17	0.52	0.00	1	2	2 M[147]GQHSLVAC[330]SGNLNKAK 3 YDMLQM[147]DYATNTQDEEETK	1 1	

PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	3.13	*	*	*	1	2	QLRVSHGC[330]VSKILC[339]R	1
							2	QLRVSHGC[339]VSKILC[339]R	1
PAX7_HUMAN	0.00	4.62	3.01	0.00	1	1	3	ASC[339]LFMESYKVVSGWGM[147]SISQMEK	1
PAX8_HUMAN (Q06710) Paired box protein Pax-8 [MASS=48118]	0.00	4.00	0.99	0.00	1	1	2	QRIVDLAHQGVRPC[339]DISR	1
							3	AYC[339]RKDYFDMFAPK	1
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	0.00	5.75	2.37	0.00	1	3	3	C[339]WAAGWPRDGGR	1
							2	AGPLTKEK	1
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	*	2.97	*	*	*	1	2	VASGC[330]LDINSSVKGAR	1
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	0.00	0.44	1.35	0.00	1	1	2	SYNC[339]R	1
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	0.00	0.96	5.31	0.00	1	1	2	EEC[339]RILGHSDR	1
PCDA1_HUMAN (Q9Y513) Protocadherin alpha 1 precursor (PCDH-alpha1) [MASS=102951]	0.00	2.21	0.54	0.00	1	1	2	SYEIQVKAVDKGSPPMNSHC[339]K	1
PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	*	1.07	*	*	*	1	2	DM[147]GSAGMVVYSIEK	1
							3	RSDIRGSNGPTINATTC[330]FETTSVM[147]GEIK	1
							3	GSHVHSGPTSAGSSSVSPGQPGSPSVSKKK	1
							3	GQYDDMGENMTDDPRSFKK	1
							1	TKALQTYK	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	0.00	3.49	*	*	*	9	2	LKTAPVTTTSAVSK	1
							2	PPSQQPGSTKPPPQQPGPAKPSPPQPGSTK	1
							3	ERAYLQGVAEDRDYMSDSEVSSTR	1
							3	TLIGEAC[330]IWLDKVDLRK	1
							1	AIPRPASDSK	2
							2	KTALHEK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	0.00	1.62	0.89	0.00	1	4	3	VAELQTKHAADLGALETR	1
							2	TQEAC[330]VHQDTQAHHALLQK	1
							2	C[339]LEDLEFKFK	1

PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	0.00	6.19	1.47	0.00	1	3	2	PPPRAAAATDTAAGAGGAGGAGGAGGPGFR	1
							2	NC[339]LKC[330]HPSC[330]KK	1
							2	GSC[339]IPDC[339]EPGTYFDSELIR	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	0.00	3.96	0.88	0.00	1	2	2	C[339]PSIILHDR	1
							3	FLNEMIAPVMR	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-.) (Apoptosis-inducing factor) [MASS=66900]	*	3.10	*	*	*	1	2	LPGNLFQRWHVPLELQM[147]TR	1
PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	*	5.94	*	*	*	1	3	TFSHELSDFGLESTAGEIPVVAIRTAKGEK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	2.64	*	*	*	3	3	MESNLSRGDQILEVNSVNR	1
							3	AM[147]PGTDEPQDVC[339]GAEESKGNLESPK	1
							3	LQELRALSMPLDKLC[339]SEDYSAGPSAVLFK	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	2.44	*	*	*	1	2	TGKQGDGERLVVHGLLPGGSAM[147]K	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	0.32	8.46	1.60	0.00	1	1	2	SAC[339]KEDIPSEK	1
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609])	*	8.08	*	*	*	1	3	PLIAVVNGPAVGISVTLGLFDVAYASDR	1
PEX19_HUMAN (P40855) Peroxisomal biogenesis factor 19 (Peroxin-19) (Peroxisomal farnesylated protein) (33 kDa housekeeping protein) [MASS=32806]	*	11.04	*	*	*	1	3	M[147]AAAEEGC[339]SVGAEADRELELLESALDDFDKAK	1

PF4V_HUMAN (P10720) Platelet factor 4 variant precursor (PF4var1) (PF4alt) (CXCL4L1) [Contains: Platelet factor 4 variant(4-74); Platelet factor 4 variant(5-74); Platelet factor 4 variant(6-74)] [MASS=11553]	0.00	14.42	*	*	*	1	2	AEAEEDGDLQC[330]LC[330]VK	1
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	1.82	0.70	0.00	1	4	3	GQTVTFTC[330]VAIGVPTPIINWR	1
							2	AVTLEC[330]VSAGEPR	1
							2	C[330]APGYGNPSQGQPC[330]QR	1
							2	ATFSSVPLVASISAVSLEVAQPGPSNRPR	1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	1.76	*	*	*	1	3	HFSTRRSWEEAETQC[339]R	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	19.47	1.08	0.29	2	4	2	VLNNM[147]EIGTSLFDEEGAK	1
							2	AC[339]ANPAAGSVILLENLR	1
							3	FDENAKTGQATVASGIPAGWM[147]GLDC[339]GPESK	1
							2	DVLFKDC[330]VGPEVEK	1
PGM2L_HUMAN (Q6PCE3) Phosphoglucomutase-2-like 1 (EC 5.4.2.2) (PMMLP) [MASS=70455]	0.88	3.70	0.53	0.28	2	1	3	YYAEMC[330]ASPDQSDTALLEELKK	2
PGTB_HUMAN (P53611) Geranylgeranyl transferase type-2 subunit beta (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit beta) (Rab geranylgeranyltransferase subunit beta) (Rab geranyl-geranyltransferase subunit beta) (Rab GG transferase beta) (Rab G) [MASS=36924]	*	13.29	*	*	*	2	3	PGDMVDPFHFTLFGIAGLSLLGEEQIK	1
							3	AIEFVLSG[339]M[147]NFDGGFGC[339]R	1
PHAR3_HUMAN (Q96KR7) Phosphatase and actin regulator 3 (Scapinin) (Scaffold-associated PP1-inhibiting protein) [MASS=62552]	0.00	1.61	0.52	0.00	1	1	2	TC[339]NPDGGPR	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	2.98	*	*	*	1	3	C[339]KSWITPC[330]PEEKAQYVLISPEASSR	1

PHLPP_HUMAN (O60346) PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	*	3.26	*	*	*	2	3 2	ISSVDLSC[330]C[339]SLEHLPANLFYSQDLTHLNLK ASPAPSDSSSPGEPFVGGPVSPPRPR	1 1
PHLP_HUMAN (Q13371) Phosducin-like protein (PHLP) [MASS=34281]		0.00	8.64	0.88	0.00	1	1	2 C[330]APASSSVPAEAEELAGEGISVNTGPK	1
PI3R4_HUMAN (Q99570) Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	*	1.84	*	*	*	2	3 2	LNSAQNC[330]LPFQKASEK ELVTQM[147]IHR	1 1
PI52B_HUMAN (P78356) Phosphatidylinositol-4-phosphate 5-kinase type-2 beta (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type II beta) (1-phosphatidylinositol-4-phosphate 5-kinase 2-beta) (PtdIns(4)P-5-kinase isoform 2-beta) (PIP5KII-beta) (Di [MASS=47378])		0.00	2.88	*	*	*	1	2 FKFKEYC[330]PMVFR	1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]		0.00	4.50	1.12	0.00	1	2 2	LFHTSYHSQAVHIRPVC[339]R RLANLIRR	1 1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]		0.00	3.34	0.47	0.00	1	3 3 2	KQVFPIMC[330]AYK NQLTIDFIDIVKDPVPHNEYK APDALSHTPSVRR	1 1 1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	1.81	*	*	*	1	2	GQWYEIYDKYQVQTLDC[339]LR	1

PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	*	1.29	*	*	*	1	3	VM[147]LQAVNSSSHRAVESSVSC[330]QINAC[339]VIQR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	9.95	*	*	*	6	3	AQIMARYPEGYRTLPR	1
							2	TNSMQQLEQWIK	1
							3	KTENISYEM[147]LFEPEPNGVNSVEMMDK	1
							3	TENISYEM[147]LFEPEPNGVNSVEM[147]M[147]DKERNK	1
							2	TYYFC[330]TDTGKEM[147]ELWM[147]K	1
							2	YAFKAAHPNMR	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	0.00	2.87	0.71	0.00	1	6	3	VNQVKDINLHGNVVGASER	1
							2	TPKRWELM[147]VSNTTFVNFDLINC[339]VAIR	1
							3	NGTSLHGSLEPEVIVTC[330]LR	1
							2	DSC[330]TFKFSK	1
							2	MKVMLGKVNQC[339]PHQLMNGVSR	1
3	RWELMVSNTTFVNFDLINC[339]VAIR	1							
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	1.47	11.83	0.00	1	1	2	C[339]PVRPPSC[339]ASK	1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	*	1.35	*	*	*	1	2	REINNSHIQEVVQVIK	1
PLCB_HUMAN (O15120) 1-acyl-sn-glycerol-3-phosphate acyltransferase beta (EC 2.3.1.51) (1-AGP acyltransferase 2) (1-AGPAT 2) (Lysophosphatidic acid acyltransferase-beta) (LPAAT-beta) (1-acylglycerol-3-phosphate O-acyltransferase 2) [MASS=30914]	0.00	24.46	0.43	0.00	1	3	2	MELWPC[330]LAAALLLLLLLVLQSLR	1
							3	QRSSTAM[147]TVMADLGER	1
							3	RLQEARPC[339]VIVSNHQSILDM[147]GLM[147]EVLPER	1
PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	0.00	3.63	0.68	0.00	1	10	3	C[330]VEDPETGLC[330]LLPLTDKAAKGGELVYTDSEAR	1
							2	WQLKANEALR	1
							2	LLAAGKVPQR	1
							3	ERMIIIIIEIEK	1
							3	PGTAFELLEQAATGYVIDPIKGLKLTVEEAVR	1
							2	LRAETEQQEQQR	1
							2	INLAQKAF[330]GFEDPR	1
							2	HGERDVEVER	1
2	LISLFQAM[147]KKGLILK	1							
2	PDQLTGLSLLPLSEKAARAR	1							

PLMN_HUMAN (P00747) Plasminogen precursor (EC 3.4.21.7) [Contains: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] [MASS=90569]	0.00	5.56	0.86	0.00	1	2	2	AFQYHSKEQQC[330]VIM[147]AENR	1
							3	ISKTM[147]SGLEEC[339]QAWDSQSPHAHGYIPSK	1
PLOD3_HUMAN (O60568) Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	0.00	3.79	0.23	0.00	1	1	3	LQLNYLGNYPNGWTPPEGGC[330]GFC[330]NQDRR	1
PLP2_HUMAN (Q04941) Proteolipid protein 2 (Intestinal membrane A4 protein) (Differentiation-dependent protein A4) (Proteolipid protein 2) [MASS=16691]	0.00	16.45	0.70	0.00	1	1	3	IVAGVLGLIATC[330]LFGYDAYVTFPVR	1
PLSB_HUMAN (Q9HCL2) Glycerol-3-phosphate acyltransferase, mitochondrial precursor (EC 2.3.1.15) (GPAT) [MASS=93794]	0.00	2.90	*	*	*	1	3	RILQEM[147]VATVSPAM[147]IRLTGWVLLK	1
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	0.00	1.79	0.74	0.00	1	2	3	IRKILVDLSNPGGR	2
							2	C[330]LTPPGQSPGSAPIIININR	1
							2	TLVLSC[330]VSPDNANSPEVPVK	1
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	0.00	5.07	0.90	0.00	1	4	2	AMPWNWTC[330]LLSHLLM[147]VGM[147]GSSTLLTR	1
							3	GEPAEGFNHLVVDERTGHIYLGAVNRIYK	1
							3	MHM[147]NEFNTMSALSEIFSIVGK	1
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	*	2.72	*	*	*	2	3	GLAGKLSAGVPPLAIRQLAGSQPFSEGLGR	1
							3	C[339]HWC[339]PQSSHHC[339]VYGEHC[330]PEGER	1
							3	AAAASPPPFQTPPRC[339]PVPLLLLLLLGAAR	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	0.00	4.47	0.97	0.00	1	4	2	ELLVDLIDASAAKNPKLM[147]LR	1
							2	PQIMAALANPTARRTQLQHK	1
							3	YQNEFNTNVAM[147]AEIYK	1
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	*	2.55	*	*	*	2	3	PSRVKQM[147]FASR	1
							2	LVNEVYHMYNR	1
PO4F1_HUMAN (Q01851) POU domain, class 4, transcription factor 1 (Brain-specific homeobox/POU domain protein 3A) (Brn-3A) (Oct-T1) (Homeobox/POU domain protein RDC-1) [MASS=42939]	0.00	6.15	1.71	0.00	1	2	2	M[147]NKPELFNGGEK	1
							2	IPGVGSLSQSTIC[339]R	1

PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.32	5.00	8.03	0.00	1	1	2	VFSQTTIC[339]RFEALQLSFK	1
POK10_HUMAN (P10266) HERV-K_5q33.3 provirus ancestral Pol protein (HERV-K10 Pol protein) (HERV-K107 Pol protein) [Includes: Reverse transcriptase (RT) (EC 2.7.7.49); Ribonuclease H (EC 3.1.26.4) (RNase H); Integrase (IN)] [MASS=114826]	0.00	2.76	0.91	0.00	1	2	2 KHLISC[339]FAVM[147]GVPEK 3 ERVIKTPYQSAQR	1 1	
POPD1_HUMAN (Q8NE79) Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1) [MASS=41451]	*	3.61	*	*	*	1	3 PVKIEKELSGM[147]YR	1	
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.96	3.03	1.19	0.00	1	1	2 GNHEC[339]ASINR	1	
PP1B_HUMAN	0.96	7.67	*	*	*	1	3 FNIKLWKFTDC[339]FNC[330]LPAAIVDEK	1	
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	1.00	12.94	0.59	0.28	2	2	3 IGGKSPDTNYLFM[147]GDYVDR 2 C[330]PVTVC[330]GDVHGQFHDLMELFR 3 C[330]PVTVC[330]GDVHGQFHDLMELFR	1 1 1	
PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	*	5.76	*	*	*	2	3 GLTPTGM[147]LPSGVLSGGK 3 VDILKAHLM[147]KEGR	1 1	
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUCI) [MASS=49903]	*	14.74	*	*	*	3	3 SSSPPSLLDQLQMGCC[339]DGASC[339]GSLNM[147]EC[339]R 3 M[147]EQPQEEAPEVREEEK 3 C[339]QYC[330]RFQKC[330]LALGM[147]SHNAIR	1 1 1	
PPB1_HUMAN (P05187) Alkaline phosphatase, placental type precursor (EC 3.1.3.1) (PLAP-1) (Regan isozyme) [MASS=57953]	0.00	8.04	0.27	0.00	1	2	3 QEGC[330]QDIATQLISNMDIDVILGGGR 2 DGARPDVTESESGSPEYR	1 1	
PPBN_HUMAN	0.00	4.89	*	*	*	1	3 YMFPMGTPDPEYPPDYSQGGTRLGDK	1	

PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	0.00	4.66	0.90	0.00	1	1	3	EVEDIEKYLEQVNDLPC[330]EIEREILALK	1
PPCT_HUMAN (Q9UKL6) Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain-containing protein 2) [MASS=24843]	0.00	11.21	0.73	0.00	1	1	2	VFGVLEDC[330]SPTLLADIYMDSYRK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	*	16.46	*	*	*	1	3	HTGPGILSM[147]ANAGPNTNGSQFFIC[339]TAK	1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	0.00	9.21	1.12	0.00	1	2	2 2	IVLELFADIVPKTAENFRALC[339]TGEK GC[330]PFHRIIK	1 1
PPIH_HUMAN (O43447) Peptidyl-prolyl cis-trans isomerase H (EC 5.2.1.8) (PPIase H) (Rotamase H) (U-snRNP-associated cyclophilin SnuCyp-20) (USA-CYP) (Small nuclear ribonucleoprotein particle-specific cyclophilin H) (CypH) [MASS=19208]	0.00	38.98	0.78	0.00	1	3	2 3 2	HVVFVKIIDGLLVM[147]RK LRHSAPGLLSMANS GPSTNGC[339]QFFITC[330]SK IENVPTGPNNKPKLPVVISQC[330]GEM	1 1 1
PIIP1_HUMAN (O43586) Proline-serine-threonine phosphatase-interacting protein 1 (PEST phosphatase-interacting protein 1) (CD2-binding protein 1) (H-PIP) [MASS=47591]	0.00	4.81	0.86	0.00	1	1	2	EVTPLTSSPGIQPSC[339]GMIKR	1
PPT1_HUMAN (P50897) Palmitoyl-protein thioesterase 1 precursor (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1) [MASS=34193]	0.99	4.25	0.49	0.00	1	1	2	C[339]PGESSHIC[339]DFIR	1
PRA10_HUMAN (O60809) PRAME family member 10 (Fragment) [MASS=53385]	0.00	6.10	1.14	0.00	1	2	3 2	ISNIKEHLEHLLR DM[147]EC[330]LSQYPSLSQLK	1 1
PRA12_HUMAN (O95522) PRAME family member DJ1198H6.2 [MASS=54663]	0.00	4.76	0.67	0.00	1	1	3	TAGNC[330]PRPGGQQPLM[147]VILDLC[330]FK	1
PRAM4_HUMAN (O60810) PRAME family member 4 [MASS=55466]	*	5.86	*	*	*	1	3	DQALAM[147]STLEELPTLFPPLFM[147]EAFSRR	1

PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	0.47	6.29	0.89	0.08	2	2	2	LPPSGSKPVAASTC[330]SGKK	1
							3	RSEVLAEESIVC[339]LQKALNHLR	2
PRD13_HUMAN (Q9H4Q3) PR domain zinc finger protein 13 (PR domain-containing protein 13) [MASS=75059]	*	3.21	*	*	*	1	2	PAGLARAAAAAHGDPYREESSK	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	2.06	*	*	*	2	2	HKLIHTGVKSHAC[330]EQC[339]GK	1
							2	EYLVKHM[147]EVHKEK	1
PRDM1_HUMAN (O75626) PR domain zinc finger protein 1 (PR domain-containing protein 1) (Beta-interferon gene positive-regulatory domain I-binding factor) (BLIMP-1) (Positive regulatory domain I-binding factor 1) (PRDI-binding factor 1) (PRDI-BF1) [MASS=87991]	0.00	6.84	1.28	0.00	1	2	2	LLQPEHPREVLVPAPHSAFSFTGAAASM[147]KDK	1
							3	NM[147]GNLLSSGC[330]SLYESSDLPLM[147]K	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	17.97	1.64	0.00	1	2	2	YLVVFFYPLDFTFVC[339]PTEIVAFSDK	1
							2	NGGLGHMNIALLSDLTKQISR	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.00	10.61	1.12	0.00	1	2	2	ISLDQIDLLSTKSFPPC[330]M[147]R	1
							3	PSVQKTKDASSALASLNSSLEM[147]DMEGLEDYFSEDS	1
PRND_HUMAN (Q9UKY0) Prion-like protein doppel precursor (PrPLP) (Prion protein 2) [MASS=20293]	0.25	9.66	0.64	0.00	1	1	3	LHQVWLWRLVQELC[339]SLK	1
PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	*	7.62	*	*	*	2	3	YSKRFPELESVLPNALDYIR	1
							2	M[147]FAEIM[147]M[147]KIEEYISKQAK	1
PRP4B_HUMAN (Q13523) Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 pre-mRNA-processing factor 4 homolog) (PRP4 kinase) [MASS=116972]	*	3.48	*	*	*	2	3	YKYLAEDSNMSVPSEPSSPQSSTRTR	1
							2	IQRQAIVQK	1

PSB5_HUMAN (P28074) Proteasome subunit beta type 5 precursor (EC 3.4.25.1) (Proteasome epsilon chain) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome subunit X) (Proteasome chain 6) (Proteasome subunit MB1) [MASS=22897]	0.00	11.54	2.13	0.00	1	1	3	VEINPYLLGTMAGGAADC[339]SFWER	1
PSD12_HUMAN (O00232) 26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit p55) [MASS=52773]	*	6.15	*	*	*	1	3	MAQLLDLSVDESEAFSLNLVVKTIK	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	*	0.76	*	*	*	1	2	DGLDLTDIVPR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	0.00	5.14	0.58	0.00	1	4	2	DNHGNC[339]VHLGIFFMGIFVR	1
							2	HGPAKAISMSR	1
							1	M[147]PFGLKLR	1
							2	ERPVSSEMFSLDSIIEREMM[147]IR	1
PTN6_HUMAN (P29350) Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (SH-PTP1) (Protein-tyrosine phosphatase SHP-1) [MASS=67561]	0.00	6.39	0.93	0.00	1	2	2	AYGPYSVTNC[339]GEHDTTEYK	1
							3	ESLSQPGDFVLSVLSQPK	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	0.00	3.25	0.43	0.00	1	2	2	LSGLGGDPGADATAAAYQELC[330]R	2
							2	YEVSPVALQRLR	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	*	1.95	*	*	*	2	1	DAMGNTR	1
							3	VLLTRPGEGETGLPGPLITR	1
PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	0.00	5.23	0.20	0.00	1	3	3	PTSDPWMPGSLMLVNASGRPEGQR	1
							3	YRC[330]MIRTEGGVGISNYAELVVK	1
							3	ENDTHC[330]IDFHVFVSSKSNPPGLLNIVYVK	1

PTPRT_HUMAN (O14522) Receptor-type tyrosine-protein phosphatase T precursor (EC 3.1.3.48) (R-PTP-T) (RPTP-rho) [MASS=164371]	*	4.99	*	*	*	3	2	LLVLDGDPHSDYINANYIDGYHRPR	1
							3	PMLDQAVPTGSFMMVNSSGRASGQKAHLLPLTK	1
							2	ASTAKGFPPVTR	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	*	1.21	*	*	*	1	3	VTSVSSDSQTGMDRSPGKSPSANGLSQK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	4.63	*	*	*	3	2	LNFSTPTSTNIVSVC[330]RATGLGPVDR	1
							1	EC[339]PVR	1
							3	VGTTTVRAPGSLVISAYAVC[339]PDITATVTPDLK	1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	0.87	2.17	1.52	0.00	2	1	2	FGHTFC[339]K	1
							2	FGHTFC[330]K	1
PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	0.00	4.16	*	*	*	2	3	INMAHLC[330]VIGSHAVNGVAR	1
							2	TC[330]AYTNHTVLPEALER	1
PYGM_HUMAN (P11217) Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) [MASS=96960]	0.00	3.69	0.62	0.00	1	2	3	VIPAADLSEQISTAGTEASGTGNM[147]K	1
							1	VEDVDK	1
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	0.00	2.61	1.08	0.00	1	3	2	IFVVAALWAGYSVDRLYELTR	1
							3	C[339]DFALFLGASSENAGTLGTVAGSAAGLK	1
							2	IDRWFLHR	1
PZRN4_HUMAN (Q6ZMN7) PDZ domain-containing RING finger protein 4 (Ligand of Numb-protein X 4) (SEMACAP3-like protein) [MASS=117072]	0.00	4.54	0.34	0.00	1	2	2	GGC[330]ASGLGGGEVPAR	1
							3	NEFLEELNLEM[147]LEEEHNEAMQPTANEVEQPKK	1
R4RL2_HUMAN (Q86UN3) Reticulon-4 receptor-like 2 precursor (Nogo-66 receptor homolog 1) (Nogo-66 receptor-related protein 2) (NgR2) (Nogo receptor-like 3) [MASS=46105]	0.00	2.86	1.16	0.00	1	1	2	C[330]QLSSLPGNIFR	1

RAB38_HUMAN (P57729) Ras-related protein Rab-38 (Antigen NY-MEL-1) [MASS=23712]	*	9.48	*	*	*	1	3	C[339]DQGKDVLM[147]NNGLKMDQFC[330]K	1
RABE2_HUMAN (Q9H5N1) Rab GTPase-binding effector protein 2 (Rabaptin-5beta) [MASS=63542]	*	6.15	*	*	*	2	2 2	PGAALEDSRSQEGANGEAESGELSR LQAQEHGAER	1 1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	0.70	5.21	0.72	0.00	1	1	2	AVLC[330]PPPVKK	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	3.74	1.18	0.00	1	2	3 3	VC[330]ILRC[330]LKVMSYSC[330]PSC[330]R C[339]YEMEDVLKHHWLYTSKYLQK	1 1
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.80	3.67	1.95	0.00	1	2	3 3	QLLEEKAAMTDAM[147]VPR TALMLAC[330]EIGSSNAVEALIK	1 1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	0.00	3.15	0.95	0.00	1	3	3 3 2	GPEC[330]AAAATAGKPPR KLSSTDC[339]FKTEAFTSPEALQPGGTALAPK VRPEGTC[330]EEASLPLER	1 1 1
RAP2C_HUMAN (Q9Y3L5) Ras-related protein Rap-2c precursor [MASS=20745]	0.00	25.14	0.82	0.00	1	2	2 3	VDLEPEREVM[147]SSEGR VDLEPEREVMSEGRALAQEWGC[339]PFMETSAC	1 1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	*	5.30	*	*	*	1	3	DC[339]EYPLISRILHGPC[330]JEK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	0.00	6.24	1.52	0.00	1	3	2 2 3	KMNSLEDMFDR ETSLQNFPHIEVVRK ENAFPPMDNQFSM[147]NGDC[339]VM[147]DKPLDLSDR	1 1 1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	*	5.01	*	*	*	1	3	NYGFVHIEDKTAEDAIR	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	0.00	4.41	1.81	0.00	1	2	3 3	LIANFTITSLQHWEFAPNSVHYLLTLWQR IEAEKALLELIDSPEC[339]LSK	1 1

RBP2_HUMAN (P49792) Ran-binding protein 2 (RanBP2) (Nuclear pore complex protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270) [MASS=358197]	*	1.46	*	*	*	2	3	C[339]IAC[339]QNPQKQNTTSAVSTPASSETSK	1
							2	DVQESRELLQSFDSALQSVK	1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	*	3.10	*	*	*	1	2	QC[339]ALLDVDEPISQLHK	1
RBY1A_HUMAN (Q15414) RNA-binding motif protein, Y chromosome, family 1 member A1 (RNA-binding motif protein 1) [MASS=55783]	0.00	9.88	0.54	0.00	1	3	3	MSYGGSTC[330]HAYSNTR	1
							3	SWESYSSC[339]GDFHYC[330]DREHVC[330]R	1
							2	MSYGGSTC[339]HAYSNTR	1
							2	RGPSSRSGGPPPK	1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	0.00	3.99	0.92	0.00	1	1	3	M[147]LDVGKWPISLFC[330]SEEELQLIR	1
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	4.98	1.44	0.00	1	2	2	DEMVPRLVKLDFDFPGR	1
							2	IEYDC[339]ELVPR	1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	0.00	7.09	1.18	0.04	2	2	2	LINGRYKQSGIYC[339]FSQK	1
							3	IAVDEVHC[330]C[330]SQWGHDFRPDYKALGILK	1
RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	0.00	3.23	1.60	0.00	1	2	2	TREAC[339]EQLAIELSC[339]R	1
							3	ELFKGFARHLSHLLTQK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	4.74	*	*	*	2	2	PLLSGVSDAEAR	1
							3	GQAAQAALQELFDIQMPGHAPGR	1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	0.00	4.56	6.05	0.00	1	3	3	LVATLHPC[339]M[147]SDVAEDLC[339]SMLRGDFR	1
							3	AAMDFC[339]M[147]NMNTKANRK	1
							2	SPESHLRTSVLLEQMMR	1

RETBP_HUMAN (P02753) Plasma retinol-binding protein precursor (PRBP) (RBP) [Contains: Plasma retinol-binding protein(1-182); Plasma retinol-binding protein(1-181); Plasma retinol-binding protein(1-179); Plasma retinol-binding protein(1-176)] [MASS=23010]	0.00	10.95	0.86	0.00	1	1	3	GNDDHWIVDTDYDTYAVQYSC[330]R	1
RF1M_HUMAN (O75570) Peptide chain release factor 1, mitochondrial precursor (MRF-1) [MASS=52305]	0.00	3.60	0.16	0.00	1	1	3	LVHIPTGLVVEC[330]QQER	1
RGS14_HUMAN (O43566) Regulator of G-protein signaling 14 (RGS14) [MASS=64600]	0.00	3.54	10.75	0.00	1	1	3	ALVLDQDC[339]TVLADQEVRLNR	1
RGS3_HUMAN (P49796) Regulator of G-protein signaling 3 (RGS3) (RGP3) [MASS=132335]	*	4.26	*	*	*	2	2	RSSMIETGQGAEGGLSLRVQNSLR	1
							3	HSC[330]HLVC[330]DSSDGLLLGGWERYTEVAKR	1
							3	RSSM[147]IETGQGAEGGLSLRVQNSLR	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.98	14.51	0.68	0.00	1	2	2	TKDGVREVFEMATR	1
							2	HFC[339]PNVPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.94	6.12	0.27	0.00	1	1	2	IQAYDYLEC[330]SAK	1
RHPN1_HUMAN (Q8TCX5) Rhophilin-1 (GTP-Rho-binding protein 1) [MASS=76292]	*	2.45	*	*	*	1	2	GSVLFNIGALHTQIGAR	1
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	0.00	2.64	0.48	0.00	1	3	2	AKLNM[147]SFGDRPNLELLR	1
							2	C[339]TPKSSEPAPATLTGVPRR	1
							2	ALEPGLASC[330]LSPK	1
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	1.96	0.75	0.00	1	1	2	C[330]KDISSALR	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	*	3.87	*	*	*	1	2	LLMSRVVPGQFDDADSSDSENK	1

RIPK4_HUMAN (P57078) Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain protein 3) (PKC-delta-interacting protein kinase) [MASS=91610]	0.00	2.76	4.09	0.00	1	1	3	C[339]WQGDPRVRPTFQGNGLNGELIR	1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	*	9.90	*	*	*	2	3	HSPTLPEPGGLR	1
							3	AGGLPGAAQGPNNLPGQTTIQVRVPYRVVGLVVGPK	1
RL14_HUMAN (P50914) 60S ribosomal protein L14 (CAG-ISL 7) [MASS=23158]	*	7.55	*	*	*	1	3	VPAQKATGQKAAPAPK	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	1.00	9.66	1.19	0.01	3	2	3	FWYFVSQLK	1
							2	C[339]HTPPLYR	1
							2	C[330]HTPPLYR	2
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	*	3.73	*	*	*	1	3	ALEKIDLKFIDTTSK	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	*	4.23	*	*	*	1	2	VDKAAAAAALQAKSDEK	1
RL7_HUMAN (P18124) 60S ribosomal protein L7 [MASS=29226]	0.90	7.26	2.95	0.00	1	1	2	YGIIC[339]MEDLIHEIYTVGK	1
RLA0_HUMAN (P05388) 60S acidic ribosomal protein P0 (L10E) [MASS=34273]	0.00	3.79	3.22	0.00	1	1	2	C[339]FIVGADNVGSK	1
RM27_HUMAN (Q9P0M9) Mitochondrial 39S ribosomal protein L27 (L27mt) (MRP-L27) [MASS=16073]	0.00	10.81	0.16	0.00	1	1	2	NKC[330]LYALEEGIVRYTK	1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	*	2.60	*	*	*	1	3	LSVNC[330]SEIIC[339]M[147]FNNMGK	1
RNF4_HUMAN (P78317) RING finger protein 4 [MASS=21319]	0.00	21.58	0.19	0.00	1	2	3	LPQDHADSC[330]VVSSDDEELSR	1
							3	LIVSTEC[330]GHVFC[330]SQC[339]LRDSLK	1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	0.00	2.78	3.25	0.00	1	4	3	SEM[147]SFPGRTER	1
							3	EYNIGFVKRAIEK	1
							2	RLATPPSLDFC[339]YDSK	1
							3	KRQSVEAAIQVDPIEETPK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	5.82	4.49	0.00	1	3	3	LQQQPGC[330]TAEETLEALILKELSVIR	1
							3	GEDLC[339]ANDSYVTIQNSELM[147]SGSM[147]DK	1
							3	DSVC[330]GVSEC[330]IIM[147]GIPM[147]NIGTGLFKLLHKADR	1

RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	0.00	6.18	0.76	0.00	1	4	2	GLVKQHIDSFNYFINVEIKK	1
							3	LGEM[147]ERDC[330]LIGYGASMLLLER	1
							2	KGAVGASVTSSTHEKK	1
							2	FHYGTAFGGSKVK	1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	*	0.71	*	*	*	1	1	FTQSR	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	0.00	2.55	1.39	0.00	1	1	2	SHGGRTSQQERQEGAQDC[339]K	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	1.00	6.21	1.06	0.00	2	1	2	TATAVAHC[330]K	1
							2	TATAVAHC[339]K	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	*	14.33	*	*	*	2	3	ESEIIDFFLGASLKDEVLKIM[147]PVQK	1
							3	AFVAIGDYNGHVGLGVK	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	*	14.83	*	*	*	2	2	APAM[147]FNIRNIGKTLVTR	1
							2	LM[147]ELHGEGSSSGKATGDETGAK	1
RS4X_HUMAN (P62701) 40S ribosomal protein S4, X isoform (Single copy abundant mRNA protein) (SCR10) [MASS=29466]	*	9.16	*	*	*	1	3	FDTGNLC[330]MVTGGANLGRIGVITNR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	4.05	*	*	*	4	2	VGSPLDYSLVDLPSTNGQSPGK	1
							1	RHPSR	1
							2	AQIEEPDPPPEMETSLEDSSEMAK	1
							2	KSKANLLER	1
RT22_HUMAN (P82650) Mitochondrial 28S ribosomal protein S22 (S22mt) (MRP-S22) [MASS=41280]	0.00	5.83	0.89	0.00	1	1	3	HVDVLNLC[330]FAQFEPDSTEYIK	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.89	3.99	1.85	0.00	1	2	2	REQDSPPMKPSALDAIR	1
							2	YTDC[330]LQFYVNSTLK	1
RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	*	1.45	*	*	*	1	3	EGGYGC[330]PHASSPELDANC[330]NSYR	1

RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RyR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	4.90	1.99	0.00	1	11	3 SHNFKREEQNFVVQNEINNMSFLTADNK	1
							2 VAMM[147]TQPPATPTLPR	1
							3 VHLGHAIM[147]SFYAALIDLLGRC[330]APEMHLIQAGK	1
							3 VLGSGGHASNKEKEMITSLFC[339]K	1
							2 WYFEFEAVTTGEM[147]RVGWARPELR	1
							2 AQWEM[147]PQVKESKR	1
							2 KQAPPSPPPK	1
							2 FAVFVNGESVEENANVVVRLIR	1
							3 GETGAM[147]VSSTLKLGISILNGGNAEVQKM[147]LDYLK	1
							3 VESLAFAERYVDKLANQR	1
							3 C[330]APLFAGTEHRAIMVDSM[147]LHTVYRLSR	1
RYR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RyR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRYR-2) [MASS=564495]	0.00	3.62	0.92	0.00	1	12	2 SILNSLYELLAALIR	1
							1 GETGPM[147]VAATLK	1
							3 SFGSQNSNTDIM[147]FYRLSM[147]PIEC[330]AEVFSK	1
							2 GKVHESIKR	1
							2 YNILTLMR	1
							3 WPIKESLKTMLAR	1
							2 DMVVMLLSM[147]LEGNVVNGTIGK	1
							3 SSENAKVTSLDSSSHR	1
							2 VTQKSFSGSQNSNTDIM[147]FYR	1
							3 EKAQDILKFLQINGYAVSR	1
							2 LVNHVSSMR	1
2 EYKQERTYTR	1							
RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RyR- 3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	0.00	4.64	0.70	0.15	2	11	3 IDGTMDSPPC[330]LKVTHKTFGTQNSNADMIYC[339]R	2
							2 RFAYKFLK	1
							3 SILGM[147]PDTVEDMC[330]PDIPQLEGLMK	1
							3 M[147]ELFVNFC[330]EDTIFEM[147]QLASQISESDSADR	1
							3 NALDFSPVEETKAEASLVSWLSSIDMK	1
							2 GSTPLDVAASSVM[147]DNNELALSLEEPDLEK	1
							2 SLVPTEDLVGIISPLK	2
							3 LPTFVNVPKDHPHIEVM[147]RIDGTMDSPPC[339]LK	1
							2 TSRLGPLKR	1
							2 APMVLFLLDR	1
							3 NYNLQM[147]STETLK	1
S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium- (potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	*	1.24	*	*	*	1	3 DAVVITYAESKGVVK	1

S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	*	7.44	*	*	*	4	2	NLSLM[147]IC[339]GHVLI GPHKQR	1
							3	KIKAFYSDVIAEDLR	1
							3	C[330]PSSLYM[147]AWLETLSQDLRPPVILIR	1
							2	C[339]PSSLYMAWLETLSQDLR	1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	0.00	5.44	0.90	0.00	1	3	3	RAAEAPSM[147]GTLMGVYLPC[330]LQNIFGVILFLR	1
							3	GFC[339]QVVVASKVR	1
							3	MRIFTVAQMDDNSIQM[147]K	1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	*	3.41	*	*	*	1	2	YNC[330]TVVQYIGEIC[330]RYLLKQPVR	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	0.00	4.20	1.00	0.00	1	2	2	M[147]LLGASLVGVLLFSKLVLK	1
							2	HLPSC[339]PDK	1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	0.00	4.04	0.76	0.00	1	3	2	LWALENEDQEV R	1
							3	KSHMTWAHARLC[330]FLLGR	1
							2	LTELQISLEGYEKALEFATLAAR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	7.89	1.07	0.05	3	3	2	THFFLNAGNLC[330]NLNYGEGPK	1
							2	THFFLNAGNLC[339]NLNYGEGPK	1
							2	KLAEC[339]IIR	1
							2	EKLLRLGIFR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	*	4.54	*	*	*	1	2	QNLWFANPGGSNSMPSRTHSSVQR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	7.63	2.22	0.06	3	2	3	QC[339]DQFVAEYEPV LIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	2
SATB2_HUMAN (Q9UPW6) DNA-binding protein SATB2 (Special AT-rich sequence-binding protein 2) [MASS=82555]	*	4.37	*	*	*	1	3	PNGAVAKAVGGLMIPVFC[339]VVEQLDGSLEYDNR	1

SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.42	0.08	3	1	2	C[339]IEENNGVDKR	2
							2	C[330]IEENNGVDKR	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	*	1.17	*	*	*	1	2	NVAAEIEAKEKMFQEAQQLK	1
SC5A1_HUMAN (P13866) Sodium/glucose cotransporter 1 (Na ⁺)/glucose cotransporter 1) (High affinity sodium-glucose cotransporter) [MASS=73498]	*	3.16	*	*	*	1	2	VGC[330]TNIAYPTLVVELM[147]PNGLR	1
SC5A3_HUMAN (P53794) Sodium/myo-inositol cotransporter (Na ⁺)/myo-inositol cotransporter) [MASS=79693]	*	6.13	*	*	*	2	3	M[147]RAVLDTADIAIVALYFILVM[147]C[339]IGFFAMWK	1
							2	AGC[330]SNIAYPRLVM[147]K	1
SC6A5_HUMAN (Q9Y345) Sodium- and chloride-dependent glycine transporter 2 (GlyT2) (GlyT-2) (Solute carrier family 6 member 5) [MASS=87359]	0.00	1.63	2.34	0.00	1	1	3	AC[339]EAERPGVGSC[339]K	1
SCAR3_HUMAN (Q6AZY7) Scavenger receptor class A member 3 (Cellular stress response gene protein) [MASS=65136]	0.00	5.12	1.02	0.00	1	1	3	SAGGDGDALC[339]VTEEDLAGDDEDMPFPC[339]TQK	1
SCN8A_HUMAN (Q9UQD0) Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.6) [MASS=225279]	*	0.91	*	*	*	1	3	C[339]C[339]QVNIEEGLGKSWWILR	1
SCOT2_HUMAN (Q9BYC2) Succinyl-CoA:3-ketoacid-coenzyme A transferase 2, mitochondrial precursor (EC 2.8.3.5) (Testis-specific succinyl CoA:3-oxoacid CoA-transferase) (SCOT-t) [MASS=56140]	0.00	14.12	0.35	0.00	1	3	3	IRAGGAGVPAFYTPTGYGTLVQEGGAPIR	1
							2	C[330]VDRIITEKAVFDVHR	1
							3	GGHIQLTM[147]LGAMQVSKYGDLANWM[147]IPGK	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	12.31	1.42	0.04	6	4	3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
							1	GEKYEK	1
							2	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	1
							3	ETVTILPGASFFSSEDEFAM[147]IR	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
							2	NFNLPM[147]C[339]K	1
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	*	5.62	*	*	*	1	3	ARWAAGALGVAGLLC[339]AVLGAVMIVMVP SLIK	1
SCYB7_HUMAN (P02775) Platelet basic protein precursor (PBP) (Small inducible cytokine B7) (CXCL7) (Leukocyte-derived growth factor) (LDGF) (Macrophage-derived growth factor) (MDGF) [Contains: Connective tissue-activating peptide III (CTAP-III) (Low-affin [MASS=13894]	0.00	17.97	1.67	0.00	1	1	3	C[339]M[147]C[339]IKTTSGIHPKNIQSLEVIGK	1
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	0.00	1.20	1.11	0.00	1	1	2	C[330]SPSPAPR	1
							2	C[339]SPSPAPR	1
SEM4G_HUMAN (Q9NTN9) Semaphorin-4G precursor [MASS=91496]	0.00	4.53	2.20	0.00	1	2	2	GDDVLLPC[339]DQPSNLAR	1
							2	PSRELDATPRM[147]TIPYEELSGTR	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	0.73	*	*	*	1	2	REPLRSLR	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.61	2.98	0.72	0.00	1	1	2	ADC[330]LVPSEIRK	1
							2	ADTLTPEEC[330]QQFKK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	11.44	0.79	0.07	3	3	3	M[147]EMEMEQVFEM[147]K	1
							2	ADTLTPEEC[339]QQFKK	1
							2	VQC[330]C[330]LYFIAPSGHGLKPLDIEFM[147]K	1
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	3.95	*	*	*	1	2	LQVVGRAGTGVNDVDLEAATR	1
SETBP_HUMAN (Q9Y6X0) SET-binding protein (SEB) [MASS=169631]	*	2.98	*	*	*	3	3	TMPNLQPISALPTKTQK	1
							3	EKQKQHSEAGHK	1
							2	KGSAGNTWSQLSNNNK	1

SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	0.00	5.53	0.68	0.00	1	7	3	YPYLLLHERVNELC[339]VEALC[339]R	1
							2	NDIQDLHEYHSGYVHK	1
							3	MEQANC[339]SFQVFDKHPGIYFLVHPNEMVR	1
							2	SDYNC[339]TGGTEVLANSNRK	1
							2	ENDLVFLAPERINEEK	1
							3	C[330]LAPIANTTNGQGC[339]TDYVSEVVK	1
SFR14_HUMAN (Q8IX01) Putative splicing factor, arginine/serine-rich 14 (Arginine/serine-rich-splicing factor 14) [MASS=120236]	0.00	2.40	1.22	0.00	1	2	2	MLASFKC[330]SLK	1
							2	C[339]SLKPEHRDFC[339]FFTIK	1
SFRP2_HUMAN (Q96HF1) Secreted frizzled-related protein 2 precursor (sFRP-2) (Secreted apoptosis-related protein 1) (SARP-1) (Frizzled-related protein 2) (FRP-2) [MASS=33490]	0.00	7.46	1.16	0.00	1	1	3	SNC[330]KPIPANLQLC[330]HGIEYQNM[147]R	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.67	10.59	1.11	0.00	1	2	2	FVPFAAVAAANC[330]INIPLM[147]R	1
							3	QGIVPPGLTENELWR	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	1.66	*	*	*	2	2	LNVSLASKIK	1
							2	TQKQSTTTLNK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	1.00	6.76	0.45	0.59	8	2	3	ATPQHTVSFTC[330]ESHGFSPR	2
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[330]QVEHDGQPAVSK	1
							2	LTC[339]QVEHDGQPAVSK	2
							2	LTC[330]QVEHDGQPAVSK	2
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	0.00	2.77	0.64	0.00	1	3	2	VVIIPPHDDC[330]TPRR	1
							3	AANIPRSISSDGRPLER	1
							3	TLSDESIYNSQREHFFTSR	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	0.00	3.00	2.57	0.00	1	1	2	SSRPHC[339]IVSVNYVLTEIEYK	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	8.29	0.37	0.00	1	2	3	GLQLTWLENGNVS	3
							2	ATPEHTVSFTC[330]ESHGFSPR	1

SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.00	*	*	*	3	1 3 2	C[339]EEGQEEGGC[339]LPR LTKIPERIPQSTAELR SLNSLVLYGNKITDLPR	1 1 1
SLIT3_HUMAN (O75094) Slit homolog 3 protein precursor (Slit-3) (Multiple epidermal growth factor-like domains 5) [MASS=167685]	0.00	0.85	0.38	0.00	1	1	2	LC[330]ETDNDDC[330]VAHK	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	1.95	9.78	0.00	1	2	3 2	FLIC[330]MLHKM[147]GFDR GYEYC[339]R	1 2
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	3.16	0.12	0.48	4	1	2	RLC[330]GLKVEVDM[147]EK	6
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	0.45	2.30	0.75	0.00	1	1	2	SYESM[147]C[330]EYQR	1
SMOO_HUMAN (P53814) Smoothelin [MASS=99516]	0.00	3.71	0.83	0.00	1	1	3	LQDGTPQAALSPLTPRKAPGPLPHQHHPG[339]VLLQR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	*	2.58	*	*	*	1	3	AGPSYSM[147]PVHAAVQM[147]TTEQLKTEFDK	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	1.27	*	*	*	1	3	QNFHMEQLKYAELR	1

SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	*	8.64	*	*	*	2	2	MEPLKVEKFATANR DIEVGEELTIC[330]YLDM[147]LM[147]TSEERR	1 1
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	5.10	*	*	*	2	2	FQEKDYTGAAVLYSK M[147]AAGPRWEAFC[339]C[339]NSC[339]GAPMQGDDVLR	1 1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	7.72	1.03	0.00	2	2	2	AALC[339]HFIVDELNAK VKASHSFLR AALC[330]HFIVDELNAK	1 1 1
SNTB2_HUMAN (Q13425) Beta-2-syntrophin (59 kDa dystrophin-associated protein A1 basic component 2) (Syntrophin 3) (SNT3) (Syntrophin-like) (SNTL) [MASS=57949]	0.00	8.33	0.29	0.00	1	3	3	M[147]RVAATAAAGAGPAMAVWTRATK DLLLYDC[330]MPWTR AGLVELLR	1 1 1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	*	3.49	*	*	*	3	2	GEVQWVEEEK RQEEETFLRVQEELQR LQDLHRVISEGC[330]STSADTMK	1 1 1
SO5A1_HUMAN (Q9H2Y9) Solute carrier organic anion transporter family member 5A1 (Solute carrier family 21 member 15) (Organic anion transporter polypeptide-related protein 4) (OATP-RP4) (OATPRP4) [MASS=91878]	0.00	3.30	0.76	0.00	1	1	3	SSEGLLVSC[330]FDIGNLVVVVFSYFGGR	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	25.49	0.78	0.00	2	2	3	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR GLTEGLHGFHVHEFGDNTAGC[339]TSAGPHFNPLSR VWGSIK	1 1 2
SOM2_HUMAN (P01242) Growth hormone variant precursor (GH-V) (Placenta-specific growth hormone) (Growth hormone 2) [MASS=24999]	0.00	11.06	*	*	*	1	3	TGQIFNQSYSKFDTKSHNDALLK TGQIFNQSYSKFDTKSHNDALLK	1 1
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	*	0.33	*	*	*	1	2	DDYEIVFK	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.00	20.20	0.69	0.00	1	2	3	PFNLETC[339]RLM[147]VSMLDRDMSGTMGFNEFK ITFDDYIAC[330]C[330]VK	1 1

SORT_HUMAN (Q99523) Sortilin precursor (Neurotensin receptor 3) (NTR3) (NT3) (Glycoprotein 95) (Gp95) (100 kDa NT receptor) [MASS=92067]	0.48	1.08	1.03	0.00	1	1	2	C[330]QGGVNPVR	1
SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	0.00	1.40	0.13	0.00	1	1	2	AAQPC[330]VMGNIQKK	1
SPAG6_HUMAN (O75602) Sperm-associated antigen 6 (PF16 protein homolog) (Sperm flagellar protein) (Repro-SA-1) [MASS=55476]	0.00	9.04	1.92	0.00	1	2	3 2	HNAELSQAVVDAGAVPLLVLVC[339]IQEPEIALKR MSQRQLVQVFEQYQK	1 1
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	4.93	*	*	*	1	2	ATNHLDQVPSMQDGSSEFFFR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	0.00	10.71	2.02	0.00	1	3	2 2 2	ELQPSIIFIDEVDSLLC[339]JER MTDGYSGLDATALAKDAALGPIR GIEELEKGIIVITGQGEQC[339]ERAR	1 1 1
SPP24_HUMAN (Q13103) Secreted phosphoprotein 24 precursor (Spp-24) (Secreted phosphoprotein 2) [MASS=24338]	0.80	12.32	0.40	0.00	1	1	3	DYYVSTAVC[330]RSTVKVSAQQVQGVHAR	1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	0.00	8.74	*	*	*	2	2 3	LKPKM[147]VTM[147]VEIDQM[147]VIDGC[330]K LPPIVRGGIDR	1 1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	0.00	5.43	0.10	0.00	1	3	2 3 3	LQNLWRDQREEELGEYYMK ISSPMHPSAGGQRGGFGSPGGGSGGM[147]SR KLVENGGM[147]FVC[330]K	1 1 1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	0.00	4.45	0.59	0.00	1	6	3 3 3 3 2 2	RLEAELAAHEPAIQGVLDTGKK LQQSHPLSATQIQVKR EANKQQNFNTGIK REELITNWEQIR TYLLDGSC[330]M[147]VEESGTLESQLEATK EKEPIVGSTDYGKDEDSAEALLK	1 1 1 1 1 1

SPTA3_HUMAN (Q8NHX4) Spermatogenesis-associated protein 3 (Testis spermatocyte apoptosis-related protein 1) (Testis and spermatogenesis cell-related protein 1) [MASS=19949]	0.00	10.93	2.43	0.00	1	1	2	RSSC[339]C[339]LLSPDANVKAAPQSR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	4.54	*	*	*	5	3	LQTAYAGEKAEAIQNKEQEVSAAWQALLDAC[339]AGR	1
							1	SDDPGK	1
							3	AWLQDAHRLLSGEDVVGQDEGATR	1
							2	VLSPVDSGNKLVAEGNLYSDK	1
							2	GKM[147]RIHC[339]LENVDK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	1.78	*	*	*	2	3	IEKEGM[147]QLISEKPETEAVVK	1
							2	DVSSVELLMNNHQGIKAEIDAR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	*	5.40	*	*	*	6	2	QLVSEGNIHADK	1
							3	LEDALRAQQFYRDAAEAEAWMGEQELHMM[147]GQEK	1
							2	LWIDEKMLTAQDVSYDEAR	1
							3	ADRFSSC[339]IDMGK	1
							3	AVRELMLWMDEVNLMQ[147]DAQERPR	1
							3	VVNAAIATASSASGEPEEPVVPSTTRGM[147]TR	1
SPYA_HUMAN (P21549) Serine--pyruvate aminotransferase (EC 2.6.1.51) (SPT) (Alanine-glyoxylate aminotransferase) (EC 2.6.1.44) (AGT) [MASS=43010]	0.00	5.10	0.98	0.00	1	1	2	C[339]LLLLVDSVASLGGTPLYMDR	1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-) [MASS=49960]	*	3.11	*	*	*	1	3	ADLMPFLYWNMM[147]LR	1
SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	*	4.49	*	*	*	1	3	GYRMPC[330]PPEC[339]PESLHDLML[147]C[339]QC[339]WRK	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	1.46	0.05	3	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[339]NVTQDMLC[330]THEETFGPLAPVIK	1
							3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	0.00	2.10	0.93	0.00	1	2	2	GC[339]VFHNTYK	1
							3	TASGC[339]PLAAKRQK	1

ST1B1_HUMAN (O43704) Sulfotransferase family cytosolic 1B member 1 (EC 2.8.2.-) (Sulfotransferase 1B2) (Thyroid hormone sulfotransferase) [MASS=34899]	0.00	12.50	0.77	0.00	1	2	3	THLPTDLLPKSFWENNC[330]K	1
							2	RGFITEKVPM[147]LEM[147]TLPGLR	1
STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciclin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [MASS=277027]	*	1.25	*	*	*	2	3	SDNPC[330]HRNANC[339]TTVAPGR	1
							2	TYSLSLPGC[339]RHIC[339]R	1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	0.00	14.05	1.80	0.00	1	9	3	RDPEEDGM[147]M[147]K	1
							3	LMTALVNVALNLSINMDNTQR	1
							2	YYNDYGDIIKETM[147]SK	1
							2	TQLDDRTKITELFAVALPQLLAK	1
							2	YVGWTMHDKQGEVRLK	1
							3	M[147]NGHHQQNGVENMMLFEVVKMGK	1
							3	ITELFAVALPQLLAKYSVDAEK	1
							3	LIVYTVVEMNTAADIFKQYMKYYNDYGDIIK	1
							2	SSFC[339]JFIGVLVR	1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	*	2.35	*	*	*	2	2	ERRDSGVGASLTR	1
							3	APDGHPLRLWK	1
STEA2_HUMAN (Q8NFT2) Six-transmembrane epithelial antigen of prostate 2 (SixTransMembrane protein of prostate 1) (Prostate cancer-associated protein 1) [MASS=55993]	0.00	9.59	3.39	0.00	1	3	3	QLGLLSFFFAMVHVAYS LC[339]LPM[147]R	1
							3	SLSETC[339]LPNGINGIKDARK	1
							1	KGWEK	1
STK4_HUMAN (Q13043) Serine/threonine-protein kinase 4 (EC 2.7.11.1) (STE20-like kinase MST1) (MST-1) (Mammalian STE20-like protein kinase 1) (Serine/threonine-protein kinase Krs-2) [MASS=55630]	0.00	3.08	0.75	0.00	1	1	2	EISIMQQC[330]DSPHVVK	1
STRN3_HUMAN (Q13033) Striatin-3 (Cell-cycle autoantigen SG2NA) (S/G2 antigen) [MASS=87133]	0.00	1.63	0.31	0.00	1	1	2	NQLLSC[330]SADGTVR	1
STRN_HUMAN (O43815) Striatin [MASS=86144]	0.00	3.72	0.66	0.00	1	2	2	KALPDSGEDR	1
							2	EDQC[330]LM[147]PEAWNVDQGVIK	1

STS2_HUMAN (P57075) Suppressor of T-cell receptor signaling 2 (STS-2) (Cbl-interacting protein 4) (CLIP4) (T-cell ubiquitin ligand) (TULA) [MASS=74122]	0.00	1.82	1.49	0.00	1	1	3	AWLQQC[339]STPDGK	1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	0.66	2.57	0.52	0.00	1	1	2	DC[330]KPGEGSVFTTGFK	1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	*	5.92	*	*	*	1	2	AMHDYNQAEM[147]KQRDNC[339]K	1
							2	YSTHLHLAEDC[330]M[147]K	2
							2	VEQDLAMGTDAEGEK	1
							3	YSTHLHLAEDC[330]M[147]K	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	9.76	0.52	0.17	7	4	2	YSTHLHLAEDC[330]MK	1
							2	YSTHLHLAEDC[339]M[147]K	2
							2	HYQGTVDKLC[330]R	1
							2	M[147]TDIM[147]TEGITIVEDINKRR	1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.47	15.62	1.48	0.00	1	3	2	LIGPNC[339]PGVINPGEC[339]K	1
							3	LIGPNC[330]PGVINPGEC[339]KIGIM[147]PGHIHK	1
							2	IGIMPGHIHK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.95	15.55	3.12	0.00	1	3	2	MAASM[147]FYGR	1
							3	LHGGTPANFLDVGGGATVHQQVTEAFKLITSDKK	1
							3	ANLNYIGLDGNIGC[330]LVNGAGLAM[147]ATM[147]DIIK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	8.18	*	*	*	1	3	LC[330]LISTFLEDGIRM[147]WFQWSEQR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	*	4.45	*	*	*	1	3	DM[147]C[330]LSDSNKGMLGLIVYLG M[147]M[147]VGAFWGLADR	1

							3	SPVEMDEDVDFVDPYAPKLTSSVAEHK	1
							3	SQAWQPLVEGSENKGLREYGETESK	1
							2	REEEENVQSEWRLYC[339]VR	1
							3	VQASKNPLKM[147]LAAR	6
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	0.00	4.70	1.22	0.00	1	5			
							2	SRVERSAEGPGLPTGVER	1
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	*	3.00	*	*	*	2	3	MHSPQTSAM[147]LFTVDNEAGK	1
							2	GLEVTDDSPK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	1.00	11.04	1.47	0.00	1	7	3	ASEDLKTHM[147]VVANTMEDFQKILDSGK	1
							3	VFIEGADAETFSEGEMVTFINWGNLNITKIHK	1
							3	EAPC[330]VLIYIPDGHTKEMPTSGSK	1
							3	MFEIVFEDPKIPGEKQFAYQNSWGLTTR	1
							3	NQGGGLSSSGGEGQGPK	1
							3	YNVYPTYDFAC[339]PIVDSIEGVTHALR	1
							2	SLC[339]IPFK	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	1.00	10.19	1.19	0.23	2	4	2	LHQNIC[339]R	1
							2	TIAANRKM[147]PLPLK	1
							2	VMPDGKIQK	1
							3	IVLDIIVTMFSEYC[330]ENQFTVEAAEVVFPNGK	1
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	0.97	6.17	1.04	0.00	1	4	1	GLNSSMDM[147]AR	1
							3	PQPVVLRGPSAEMQGYMM[147]RDLNSSIDLQSFM[147]AR	1
							2	VVNSHC[330]VFPR	1
							3	PGWNPRFC[330]IISGNQLLMLDEDEIHPLLIR	1
SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine--tRNA ligase homolog) (HisRS) [MASS=56888]	0.00	14.43	1.09	0.00	1	3	2	GM[147]DTPAFELKETLTEKYGEDSGLMYDLK	1
							3	LLTQLHYC[339]ESTGIPLVVIIGEQLKEGVK	1
							2	YDLTVPFARYLAMNK	1
SYM_HUMAN (P56192) Methionyl-tRNA synthetase (EC 6.1.1.10) (Methionine--tRNA ligase) (MetRS) [MASS=101115]	*	4.78	*	*	*	2	3	PQQIQALMDEVTKQGNIVR	1
							3	ITQDIFQQLLKRGFVLQDTVEQLR	1

SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	1.74	*	*	*	10	3	AFQQEISLNHNK	1
							2	ELFMEVKQYQAQADEMDR	1
							3	QADIVTFPEINLMNESSELHTQLAK	1
							2	HSELELNIAQNM[147]VSQVK	1
							3	HFSESMQEFQEWFLGAK	1
							3	LLDPEDVDVDK	1
							2	TAAFSSSGVIYTVAKEELK	1
							2	QWQRYREM[147]AEK	1
							2	DKTTMLGK	1
							3	GQM[147]LKFSSM[147]APDLDR	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.57	0.14	7	2	2	LHQVYFDAPTC[339]R	2
							3	LHQVYFDAPTC[330]R	1
							1	LHQVYFDAPTC[339]R	1
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	0.00	3.25	0.73	0.00	1	1	2	LHQVYFDAPTC[330]R	2
							2	EM[147]PVC[330]R	1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	2.61	*	*	*	1	2	GPSSGSC[330]IDQLPIK	1
SYT7_HUMAN (O43581) Synaptotagmin-7 (Synaptotagmin VII) (SytVII) [MASS=45567]	0.27	9.95	0.55	0.00	1	3	3	FSKHDIIGFEK	1
							2	NLKAM[147]DIGGTSDPYVK	1
							2	NDVIGKIYLSWK	1
SYV_HUMAN (P26640) Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA ligase) (ValRS) (Protein G7a) [MASS=140475]	*	1.27	*	*	*	1	3	DLKPC[330]SDGSGSR	1
							3	DPGVITYDLPTPPGEK	1
TAAR8_HUMAN (Q969N4) Trace amine-associated receptor 8 (Trace amine receptor 5) (TaR-5) (G-protein coupled receptor 102) [MASS=38029]	0.40	9.06	0.88	0.00	1	1	3	QLHSPTNFLIASLAC[330]ADFLVGVTVMLFSMVR	1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	*	2.53	*	*	*	1	3	NQHSLYTATTPSSSPSR	1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	0.00	5.42	2.03	0.00	1	1	3	LVPGAYLEYKSALLNEC[339]NKQGGLR	1

TAF3_HUMAN (Q5VWG9) Transcription initiation factor TFIID subunit 3 (TBP-associated factor 3) (Transcription initiation factor TFIID 140 kDa subunit) (140 kDa TATA box-binding protein-associated factor) (TAF140) (TAFII140) [MASS=103581]	*	4.74	*	*	*	2	3	LLSTKGDTLDVVLEAREPLSSINTQK	1
							2	SQM[147]PTAKPLETKSFTPK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	2.63	*	*	*	1	2	LRDQGSTMIYLKAIQGILGK	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	7.13	*	*	*	3	2	TDHGAEIVYKSPVVSAGDTSPR	1
							2	QEFQVM[147]EDHAGTYGLGDR	1
							3	VAVVRTPPKSPSSAK	1
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
							2	YMAC[339]C[339]LLYR	1
							3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	1
							2	YM[147]AC[339]C[339]LLYR	3
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	14.51	0.82	0.06	5	3	2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
							2	YM[147]AC[330]C[330]LLYR	2
							3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	4
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.00	*	*	*	1	3	GDVVPKDVNAAIATIKTK	1
							3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	3
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.02	0.06	8	1	3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	4
							3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	2

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
								2	NM[147]MAAC[330]DPR	1
								2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1
								2	NMM[147]AAC[330]DPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
								2	NM[147]M[147]AAC[330]DPR	4
								2	NMM[147]AAC[339]DPR	1
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	24.27	*	*	*		5	2	TAVC[330]DIPPR	3
								3	EAESC[339]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
								2	TAVC[339]DIPPR	3
								2	NM[147]M[147]AAC[339]DPR	3
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
								2	EIVHIQAGQC[339]GNQIGAK	3
								2	EIVHIQAGQC[330]GNQIGAK	4
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.86	0.19		35	2			
								3	EIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								3	EIVHIQAGQC[330]GNQIGAK	1
								2	MREIVHIQAGQC[330]GNQIGAK	1
TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	*	1.85	*	*	*		1	3	AKRQNNTFPFFSEGITR	1

TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	0.00	4.01	1.10	0.00	1	3	3	C[339]SSVTGVQRR	1
							3	LWYVGGSC[339]LDHRTTLPMLPWLM[147]AEIRR	1
							3	ATDPSQVPDVISSIR	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	0.00	1.51	1.01	0.00	1	1	2	QASSETPGC[330]TDR	1
TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	*	1.34	*	*	*	1	2	EHMM[147]SC[330]YWEQPR	1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	0.00	6.43	0.26	0.00	1	5	3	HKSASNGSKTDTEEEEEQQQQK	1
							3	ILQLM[147]PQLSPTSPMMPSPNSHAAGFKGFGLEGVPEK	1
							2	RHRSEDC[339]GGGPR	1
							2	KQQQPPPPPPQPPQIPEGSADGEPK	1
							3	FEIEPQSSAHEPGGSLERRSVIC[330]DISPLR	1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	0.25	2.41	0.88	0.00	1	2	3	C[330]IFDRRFSC[330]LPELPPPPEGAR	1
							2	SLAGSC[330]PSTR	1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	0.72	8.66	1.74	0.19	2	2	2	INALTAASEAAC[339]LIVSVDETIK	1
							3	INALTAASEAAC[330]LIVSVDETIKNPR	1
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	*	3.47	*	*	*	1	2	VDQIIM[147]AKPAGGPKPPSGK	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.59	5.61	0.65	0.00	1	1	2	C[330]LFMSGLSEVQLNHMDDHTLPGK	1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	*	1.99	*	*	*	1	2	NRDAISALMPFSLRK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	0.00	2.15	1.18	0.00	1	1	2	VLLISGFVPQVC[339]K	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	1.40	0.57	0.00	1	2	2	ITSQGRYELR	1
							2	QC[330]LNAC[330]SGR	1

							2	TVLVYLTDANADR	1
							2	NQALPFPSNITLM[147]R	1
							1	VGISSR	6
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	4.00	*	*	*	6			
							3	LHGHVSAHPDILSLENRC[339]LAM[147]LPDLQPLEK	1
							3	EPGALPSTYRSLVWELQQRLLPK	1
							3	FIAEHGASHLLEHVGM[147]DK	1
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	*	3.85	*	*	*	1	2	ASGQVMALKMNTLSSNRANM[147]LK	1
							3	SM[147]TEGSTVNTEYKNQKNQISEESC[339]LNEK	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	2.47	*	*	*	4	1	MAHIR	1
							3	ATFKHPRTTGSHPK	1
							3	NYHNIEILSSEEFSTKFNLIC[339]R	1
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	*	5.88	*	*	*	2	3	QAASSQSATEVRLNR	1
							1	GELM[147]JGFK	1
TF7L1_HUMAN (Q9HCS4) Transcription factor 7-like 1 (HMG box transcription factor 3) (TCF-3) [MASS=62630]	*	3.40	*	*	*	1	2	VVAEC[339]TLKESAAINQILGRK	1
TF7L2_HUMAN (Q9NQB0) Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4) [MASS=67918]	*	4.52	*	*	*	2	1	RQDGGLFK	1
							3	QESSQSDVGSLSHSSKHQDSK	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	2.55	0.00	1	1	3	GITTEQLDALGC[339]R	3
THAP7_HUMAN (Q9BT49) THAP domain-containing protein 7 [MASS=34440]	0.00	6.80	0.32	0.00	1	1	3	LDPSGQGLWDPASEYIYFC[330]SK	1
							2	MASGLEFKSVADSVLFLR	1
THAS_HUMAN (P24557) Thromboxane-A synthase (EC 5.3.99.5) (TXA synthase) (TXS) (Cytochrome P450 5A1) [MASS=60544]	0.00	20.45	0.17	0.00	1	5	3	HSASPM[147]GVQDFDIVRDFVSSSTGC[339]K	1
							3	QVLVENFSNFTNR	1
							3	HM[147]APEFC[339]SLEEGLPYLDMVIAETLR	1
							3	MEALGFLKLEVNGPM[147]VTVALSVALLALLK	1

THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	4.92	1.67	0.00	3	2	2	IHM[147]GSC[339]AENTAK	1
							2	IHM[147]GSC[339]AENTAK	1
							2	IHM[147]GSC[330]AENTAK	1
							2	EVVIVSATR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	18.63	0.48	0.13	2	2	3	KHVLFGTVGVPEHTYR	1
							2	VTSLTAC[330]LVDQSLR	2
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	0.50	7.78	1.13	0.00	1	1	2	MTSAC[339]JHR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.00	17.98	1.51	0.00	1	1	3	EVKPEETTC[330]SEHC[330]LQK	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	*	6.90	*	*	*	2	3	RC[339]EAFGWHAIIVDGHVSVEELC[330]K	1
							2	C[339]EAFGWHAIIVDGHVSVEELC[330]K	1
							2	M[147]VALSLKIC[339]VRHC[330]NVVK	1
							2	LLAALM[147]DDEVGSGEDLLR	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	4.41	*	*	*	5	3	DVAKALSDLISATKGAASK	1
							3	SASAAQRELV AQGKVGSI PANAAADDGQWSQGLISAAR	1
							2	GVKLLAALM[147]DDEVGSGEDLLR	1
TLR4_HUMAN (O00206) Toll-like receptor 4 precursor (hToll) (CD284 antigen) [MASS=95679]	*	2.62	*	*	*	1	2	MM[147]SASRLAGTLIPAMAFLSC[339]VR	1
TMED9_HUMAN (Q9BVK6) Transmembrane emp24 domain-containing protein 9 precursor (Glycoprotein 25L2) [MASS=25105]	0.34	16.36	2.71	0.15	2	2	3	EEYQPATPGLGMFVEVK	1
							2	KC[339]FIEEIPDETM[147]VIGNYR	2
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	*	3.50	*	*	*	1	3	GM[147]WNMLGPC[339]LFAFVIMASM[147]WAYRC[339]GHR	1
							3	GM[147]WNMLGPC[339]LFAFVIM[147]ASM[147]WAYRC[339]GHR	1
TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	0.00	14.41	0.60	0.00	1	1	3	NKEPSEVDDAEDKC[330]ENM[147]ITIENGIPSDPLDMK	1
TMM51_HUMAN (Q9NW97) Transmembrane protein 51 [MASS=27759]	0.00	9.88	0.65	0.00	1	1	3	TFSVAYVLVAGVM[147]LLLLSIC[339]LSIR	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	6.70	*	*	*	4	3	LKGWILEIMSSQPLPMSPPSTTRMLATTSR	1
							2	C[339]VITGWGVSREGGSM[147]AR	1
							3	PGVYTRITRLK	1
							2	EDFLVKPEVLQK	1

TNI3K_HUMAN (Q59H18) Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (TNNI3-interacting kinase) (Cardiac ankyrin repeat kinase) [MASS=104178]	0.48	5.98	1.42	0.06	2	3	3	FLQSLDEDNMTKQPGNLR	1
							2	YGYVSDPMSSMHFHSC[339]JR	1
							2	LVQFLLDNGADMNLVAC[339]DPSR	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	0.00	11.11	0.25	0.00	1	3	2	SLRVGPEGPM[147]GTELGDFLR	1
							3	KIMEM[147]ELSVHGVTHQEC[330]QTALGATGGDVVSAIR	1
							3	PSFSHLEGLLQEAGPSEAC[330]C[330]VR	1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	*	5.54	*	*	*	1	2	LPPLPLTLALGAFLNHRKNK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	*	0.99	*	*	*	1	2	C[339]FALYR	1
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	0.00	2.20	0.67	0.00	1	2	2	FM[147]KYIQAK	1
							2	HFIATVSHDC[339]K	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.77	0.40	0.00	1	5	3	MVIQGPSSPQGEAMVTDVLEDQKEGRSTNK	1
							2	QDATVQTER	1
							2	DIALGVFDVVVTDVPC[330]PASVLK	1
							3	RRSNVSSPATPTASSSSSTTPTR	1
							2	TDVGAGALRR	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Retelase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	0.00	7.65	1.64	0.00	1	3	2	AQC[339]HSVPVKSC[339]SEPR	1
							3	LTWEYC[339]DVPSC[339]STC[339]GLR	1
							3	RGARSYQVIC[339]R	2
TPP2_HUMAN (P29144) Tripeptidyl-peptidase 2 (EC 3.4.14.10) (Tripeptidyl-peptidase II) (TPP-II) (Tripeptidyl aminopeptidase) [MASS=138218]	*	3.04	*	*	*	2	1	KSSNLTLPK	1
							3	EEEGESPLDSLAEFTWETTKWTDLFDNK	1

								2	SNQDC[339]IINKHHRNR	1
								2	EKPSNC[330]AASTEK	1
								2	LLGKTDVQR	6
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	0.00	14.26	0.88	0.00	1	5				
								3	MTSPSPRIQIISTDSAVASPQR	1
								3	LLFLSM[147]HWARSIPAFQALGQDC[339]NTSLVR	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	0.00	5.51	*	*	*	2		3	KLLHVHFLSAQELGNEEQQEKLLR	2
								3	MDFQRIELAGAVGSK	1
TRBP2_HUMAN (Q15633) TAR RNA-binding protein 2 (Trans-activation-responsive RNA-binding protein) [MASS=39073]	0.00	10.11	0.93	0.00	1	2		2	ILSLRSC[330]SLGSLGALGPAC[339]C[339]R	1
								2	SC[339]SLGSLGALGPAC[339]C[339]R	1
TRI55_HUMAN (Q9BYV6) Tripartite motif-containing protein 55 (Muscle-specific RING finger protein 2) (MuRF2) (MURF-2) (RING finger protein 29) [MASS=60465]	0.00	2.92	1.14	0.00	1	1		2	C[339]ASDIFQASNPYLPTR	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.25	*	*	*	3		3	VASHWQQLMLKM[147]EDRLK	1
								2	VASHWQQLMLKMEDRLK	1
								2	DFSLRMEK	1
								2	MKAM[147]DVLPIKKEK	1
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	*	1.50	*	*	*	2		3	QDETMAMKLLTYELK	1
								2	NFRAKHHC[330]NSC[339]C[339]R	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.00	4.59	0.67	0.00	1	2		3	NSNPDEVVVPLDSMGNPRC[339]DGHQQGYPRK	1
								2	MYDLLLLKC[339]AR	1

TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SeiZ) [MASS=56459]	0.88	2.67	0.54	0.00	1	1	2	ASFVDEHTVC[330]GVAK	1
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	0.00	1.88	1.12	0.00	1	2	2 M[147]IGQIC[330]EVAKTK 3 NLLGTHLGHSIAYNMC[339]HLM[147]EDR	1 1	
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	*	2.22	*	*	*	1	3 MEASSDGGFRSQENSPSPPRDGC[330]K	1	
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	*	3.75	*	*	*	3	2 AC[330]VGDVQERQM[147]C[339]NKR 3 GNQPVGVGLEAAK 3 GTTQIDPNWVIRHQGK	1 1 1	
TSSP_HUMAN (Q9NQE7) Thymus-specific serine protease precursor (EC 3.4.-.-) [MASS=55049]	*	9.34	*	*	*	2	2 RAVQIVLHSLGQKC[339]LSFSR 3 LGEHIQQFQESSAQGLGLSLGPGAAALPK	1 1	
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	*	3.06	*	*	*	3	2 PENYLLYGNRALC[339]FLR 2 DKFPALHSALDEFFDIMDSR 3 NLEFDIC[339]SIWC[339]SKPISVLQDYC[339]DAIK	1 1 1	
TTLL2_HUMAN (Q9BWW7) Tubulin--tyrosine ligase-like protein 2 (Testis-specific protein NYD-TSPG) [MASS=67237]	*	8.11	*	*	*	3	2 QM[147]LGTKHSYWIC[339]K 3 GGLDAPDC[330]LPYDSLSTSR 2 M[147]YNEDDSVVEKAVSVR	1 1 1	
TULP1_HUMAN (O00294) Tubby-related protein 1 (Tubby-like protein 1) [MASS=60650]	*	6.27	*	*	*	2	3 AKEERAPSPPEVDEPR 3 GSGEADKDPSPASAR	1 1	
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	0.00	5.61	1.00	0.00	1	2	2 LLSPDSIRAQFGISKLK 2 GLTVIDVYQAWC[339]GPC[339]R	1 1	
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.41	4.61	4.06	0.00	1	2	2 IYSGDYRQGC[339]ASKLPVK 3 M[147]LKADIIASSDIEEFLREAAC[339]M[147]K	1 2	
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	*	3.02	*	*	*	2	3 LEITMLSQGVSM[147]LYSFFMPAAKLKER 1 SLVLQR	1 1	
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	5.63	0.27	0.00	1	2	3 VPIAKILLENVLKPLHFTYNSC[339]PEGAR 3 TTNEGLLYPNPAAQMLVGDSEFARHYFLGRM[147]LGK	1 1	

UBE4B_HUMAN (O95155) Ubiquitin conjugation factor E4 B (Ubiquitin-fusion degradation protein 2) (Homozygously deleted in neuroblastoma 1) [MASS=146184]	*	1.15	*	*	*	1	2	M[147]C[339]SQPAVSQLLSNIR	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	4.64	0.83	0.00	1	3	2	PLTSSRSSMEMPSQPAPR	1
							2	FPLPDM[147]LKYYVIEFASTK	1
							2	C[330]EVWGENPNPDWRR	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	5.09	0.59	0.49	2	2	2	TGLINLGNTC[330]YM[147]NSVIQALFMATDFRR	1
							3	TGLINLGNTC[330]YM[147]NSVIQALFM[147]ATDFR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	2.80	*	*	*	2	2	LFNIPAERETRLWNK	1
							3	VVEHGLFVKHC[330]K	1
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	9.79	0.69	0.00	1	3	3	ATNNSLERAVDWIFSHIDDLDAEAM[147]DISEGR	1
							2	NLGNSC[330]YLNNSVQVLFSPDFQR	1
							3	DGPGKYQLFAFISHM[147]GTSTMC[330]GHYVC[339]HIK	1
UBR1_HUMAN (Q8I WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	0.00	2.52	6.86	0.00	1	3	2	C[339]PLNEEVIVQAR	1
							2	QHNGLKALMQFAVAQRITC[330]PQVLIQK	1
							1	VPPDER	1
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	2.96	0.86	0.00	1	3	3	YRMTTSGGGGFC[339]DC[330]GDTEAWKEGPYC[330]QK	1
							2	RNGFSLVNQIYYYYHNVK	1
							2	YC[330]VSQEK	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	47.53	1.02	0.11	4	5	3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	QTIGNSC[330]GTIGLIHAVANNQDK	1
							3	NEAIQAAHDAVAQEGQC[339]R	1
							3	QTIGNSC[339]GTIGLIHAVANNQDKLGFEDGSVLK	1
							2	VLSRLGVAGQWR	1
3	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1							
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	6.81	0.85	0.00	1	1	2	FLLSGC[330]AATVAELATFPLDLTK	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	26.37	1.57	0.04	8	3	2	EQC[330]EQLEK	1
							2	EQC[339]EQLEK	1
							2	ERLELC[330]DER	1
							2	DHC[330]VAHK	1
							2	ERLELC[339]DER	2
							2	DHC[339]VAHK	1
1	EQC[339]EQLEK	1							
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	*	9.88	*	*	*	1	2	RIRESFFR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	0.00	5.16	*	*	*	3	3	KEARGYYEQTGVGPLPVVLFNGM[147]PFER	1
							3	GTEVNTTVIGENDPIDEVQGFLFGKLR	1
							3	EIYDSSFIRPVTFWIVGDFDSPSGR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	0.00	4.95	2.48	0.00	1	2	2	LFLQQIAGAM[147]RLLHSKGIHR	1
							3	LPKPPTDPLGAVFSPQASPPQPSHGLQSC[339]R	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	0.00	5.55	0.79	0.00	1	4	3	TLPIVRDVAMTLAARK	1
							3	YALSLYTQTTDALIK	1
							2	KTLPIVRDVAM[147]TLAAR	1
							2	YGIESIQAM[147]THFSC[330]LSSK	1

								3	NALVSHLDGTTTPVC[339]EDIGR	3
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	17.29	1.45	0.02	4	4		2	NALVSHLDGTTTPVC[339]EDIGR	2
								2	LC[339]TSATESEVAR	1
								3	IPLAEWESRIAEVDASVVREIC[339]SK	1
								3	MKIDDM[147]MFVLQGQWM[147]RLC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.24	0.07	3	1		2	NALANPLYC[330]PDYR	2
								2	NALANPLYC[339]PDYR	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.69	1.99	0.71	0.15	4	1		2	LFPHC[339]GR	2
								2	LFPHC[330]GR	2
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	0.00	17.36	0.30	1.51	2	2		3	C[339]VFEM[147]PNENDKLNDM[147]EPSK	1
								2	FM[147]VQTIFAPPNTSDMEAVWKEAK	1
								2	C[330]VFEM[147]PNENDKLNDM[147]EPSK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	6.81	4.71	0.00	1	3		3	FC[330]PFYKTVGMLSNMIAFYDMARR	1
								2	C[339]LGNPER	1
								2	AGRVKC[339]LGNPER	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	5.26	0.88	0.00	1	2		2	PGGLPGSSC[330]NLGAAR	1
								2	KTTC[339]EFTGDILR	1

VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	0.99	3.52	0.79	0.00	1	1	2	KDHADVSNQLYAC[330]YAIGK	1
VATH_HUMAN (Q9UI12) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	*	4.35	*	*	*	1	3	QDPFTVHM[147]JAARIIAKLAAWGK	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	0.00	5.24	0.68	0.00	1	3	2 KSGYFPSSSVK 2 YMQKMGM[147]TEDDKR 3 MWSYGFYLIHLQKGQGFQFFC[330]K	1 1 1	
VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	*	1.76	*	*	*	1	2 LHIDDM[147]EFEPKQR	1	
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	0.99	0.05	7	2	2 YQIDPDAC[339]FSAK 2 EHINLGC[339]DMDFDIAGPSIR 2 EHINLGC[339]DM[147]DFDIAGPSIR 2 YQIDPDAC[330]FSAK	3 1 1 2	
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	8.65	1.08	0.02	3	2	2 SC[330]SGVEFSTSGSSNTDTGK 2 WC[339]EYGLTFTEK 2 WC[330]EYGLTFTEK	1 1 1	
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.87	3.89	1.05	0.00	1	1	2 VC[339]NYGLTFTQK	1	
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	*	1.35	*	*	*	1	3 RNQELLQSQLTEK	1	

VGFR3_HUMAN (P35916) Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1) (VEGFR-3) (Tyrosine-protein kinase receptor FLT4) [MASS=145598]	0.00	2.47	1.16	0.00	1	1	3	ARPAFSELVEILGDLLQGRGLQEEEEVC[330]MAPR	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.00	12.63	0.82	0.00	1	1	3	TFDKNGDGTIDFREFIC[339]ALSITSR	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	*	2.21	*	*	*	5	2	QVLPM[147]QVTQ HARALVNPVKLR	1
							2	AM[147]C[330]LKGIMGVKDFEENMNR	1
							3	KDIYQRALNLGILR	1
							2	SPENNGTR	1
							2	PIGGAAELVSQTGYGILHGAGLSQLPK	1
VP33B_HUMAN (Q9H267) Vacuolar protein sorting 33B (hVPS33B) [MASS=70615]	*	3.73	*	*	*	1	2	RAGLLTEQAPGDTLTAVESKVS	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	1.00	4.54	1.06	0.07	2	3	2	EM[147]ASGVNTRIDDLQM[147]VLNQTEDHR	1
							2	KIC[330]EGFR	1
							2	RC[330]EEMDR	1
VPS28_HUMAN (Q9UK41) VPS28 protein homolog [MASS=25425]	*	10.41	*	*	*	1	3	YDNMAELFAVVKTM[147]QALEKAYIK	1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.00	7.14	0.91	0.00	1	1	2	IQHILC[339]TGNL C[339]TK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	0.00	6.41	1.88	0.00	1	3	2	AC[339]AELHQNVNVK	1
							3	LLKIPVDTYNNILTVLK	1
							2	PDQGRAVSTC[339]AHLFWSGRNTDK	1
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	0.00	14.87	0.70	0.00	1	3	3	TNPSMMIDLLTPC[330]SPGDPGAM[147]EMTWM[147]DVPGDK	1
							3	KLQEQLM[147]GAVVMEKPNIR	1
							3	KLQEQLMGAVVM[147]JEK	1
VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	*	2.25	*	*	*	2	2	LVAIM[147]DSLFDKLLSK	1
							2	FTIFLQR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.35	*	*	*	3	3	EIRYQGGNRTNTGLALR	1
							3	PC[330]EDSC[330]RSGFTYVLHEGEC[330]C[339]GR	1
							3	ASPPSSSC[330]NISSGEMQKGLWEQC[330]QLLK	1

WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	0.00	1.33	0.96	0.00	1	3	2	WM[147]LEM[147]TEGPC[330]RMR	1
							3	ELIPEFFYLPEFLFNSNNFDLGC[330]K	1
							2	HM[147]TQKEQEEK	1
WDR13_HUMAN (Q9H1Z4) WD repeat protein 13 [MASS=53715]	0.00	5.36	0.14	0.00	1	2	2	VLALSFDAPGR	1
							3	EARDPSLLINAC[330]LNK	2
WDR20_HUMAN (Q8TBZ3) WD repeat protein 20 (DMR protein) [MASS=62933]	0.00	2.46	1.45	0.00	1	1	3	MEDVPLLEPLIC[339]KK	1
WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	*	1.91	*	*	*	1	3	LPVFQFDNQGYFNCS[330]TM[147]K	1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	*	1.09	*	*	*	1	2	GWLATGGRDK	1
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	0.00	4.49	*	*	*	2	3	MFQAHKEAIREASFSPTDNK	1
							3	PPGPQGMGPQGPPHQQGGGPPQGM[147]GPQGPQPPQGLPR	1
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	0.00	3.47	2.18	0.00	1	2	2	LLNVWQVRSENK	1
							3	DC[330]AC[330]VGEGAAPPR	1
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	*	2.29	*	*	*	2	1	GHTGKIR	1
							2	EIADSLILR	1
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	*	1.69	*	*	*	1	3	AEMHC[330]FSIMVTPDPSTPSR	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	*	2.36	*	*	*	1	3	QPYIVSAAENGEMC[330]VWVNTNGQC[339]VEK	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	0.00	15.97	0.23	0.00	1	3	3	SGDLVYMEDSPSFC[330]RPSK	1
							2	LRYDSAVKVSSATNEALGR	1
							2	GLAPRSGDLVYMEDSPSFC[339]R	1
XAB2_HUMAN (Q9HCS7) XPA-binding protein 2 (HCNP protein) [MASS=100009]	0.00	1.40	1.18	0.00	1	1	2	EM[147]C[339]LRFADMEC[339]K	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	8.31	0.89	0.00	1	5	3	ALDM[147]LDAEKSAILGLPQPLELNDSPVFK	1
							2	DSLQDFDC[330]KLLNPSLQKVADK	1
							2	C[330]ALM[147]EALVLISNQFKNYER	1
							2	EKC[330]PIC[339]VPC[330]GLRLAEK	1
							2	MAM[147]DQVNALC[330]EQLVK	1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.00	3.56	0.69	0.00	1	1	3	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1

XYLT2_HUMAN (Q9H1B5) Xylosyltransferase 2 (EC 2.4.2.26) (Xylosyltransferase II) (xylT-II) (XT-II) (Peptide O-xylosyltransferase 1) [MASS=96711]	0.00	3.35	0.46	0.00	1	1	3	HC[330]QLTGKMSPGIQWDESQAQQPMDGPPVR	1
YTHD3_HUMAN (Q7Z739) YTH domain protein 3 [MASS=63861]	0.00	3.76	1.71	0.00	1	1	3	GPLYLLFSVNGSGHFC[339]GVAEMK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	0.00	2.51	2.18	0.00	1	1	3	SLAATPSSSLPC[339]TLIALGLR	1
ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	*	2.24	*	*	*	4	2 3 1 2	C[339]VEAC[339]EC[330]NPGFVLSGLEC[339]IPR FPRAIPAEEEGQGAELGLR TEDALLR GSTAYLDIALDALSIR	1 1 1 1
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	0.00	7.79	1.30	0.00	1	5	2 2 3 2 2	KQFQYSASLR KGEVQTVASTQDLR RHM[147]NNHEGVKPFEC[339]LTC[339]GVAWADAR HTGVKPHAC[339]QVC[339]GK RRDLIEAAHLGPGGTHHTR	1 1 1 1 1
ZBT39_HUMAN (O15060) Zinc finger and BTB domain-containing protein 39 [MASS=79001]	0.23	2.81	0.96	0.00	1	1	2	C[330]NSGLDARPGFGLQHPALQK	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	1.69	*	*	*	2	3 2	C[330]RMSFPTLQDHR GPQKEM[147]IVK	1 1
ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	0.00	3.41	0.68	0.00	1	5	2 2 2 3 2	VPVVVC[339]R AVQVIGNQTLKARNDK LGLKQAEER C[330]FDELSPPC[339]SEQHNR RC[330]DIGDASR	1 1 1 1 1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	0.00	1.81	1.14	0.00	1	3	1 2 3	QRSRPR TVRRLFHK GPC[339]AVSSNPYAFK	1 1 1
ZDH14_HUMAN (Q8IZN3) Probable palmitoyltransferase ZDHHC14 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) [MASS=53388]	0.00	12.50	0.50	0.00	1	3	1 3 2	MPPGGGGPMK M[147]PPGGGGPMKDC[339]EYSQISTHSSSPMESPHK DC[330]EYSQISTHSSSPM[147]ESPHKK	1 1 1

ZDHC7_HUMAN (Q9NXF8) Palmitoyltransferase ZDHHC7 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 7) (DHHC-7) (Zinc finger protein 370) [MASS=35141]	0.00	4.87	*	*	*	1	3	M[147]DHHC[339]PWWNNC[330]VGEK	1
ZFHx2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	0.00	6.17	1.07	0.00	1	4	3 PFKC[339]TVC[339]RVSYNQSSTLEIHMR 3 KNAC[339]EGGSM[147]PTGGGTGGASGC[339]R 2 NAC[339]EGGSMPTGGGTGGASGC[339]RR 2 TAAKALLENFGFELVIQYNEGK	1 1 1 1	
ZFP62_HUMAN (Q8NB50) Zinc finger protein 62 homolog (Zfp-62) [MASS=79143]	0.00	7.78	0.64	0.00	1	4	2 NHKGIHLGEK 2 SSLKNHKGIHLGEK 3 SIHPGKKAHEC[339]K 3 C[330]DEC[330]EKSFNYSSLLIQHK	1 1 1 1	
ZMYM3_HUMAN (Q14202) Zinc finger MYM- type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	1.39	*	*	*	2	3 GVVSQC[330]EHC[330]R 2 GVSC[330]KVEM[147]K	1 1	
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	0.00	7.95	1.51	0.00	1	3	2 SALITHKRAHSEEK 2 SHLTLHQM[147]THTGEKPYVC[339]K 2 SNLIIHQRTSHSGEKPYVC[330]R	1 1 1	
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	0.00	8.87	1.51	0.00	1	4	2 TKADVTPPPDGGSTTHNLEVSPKEK 2 EKQTETAADC[339]R 3 PQQNVGVQGAATRQQQSEMFPKTSVSPAPDK 3 NC[330]KENEFSK[339]EVC[330]GQTFRVAFDVEIHM[147]R	1 1 1 1	
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	1.90	*	*	*	1	2 PYM[147]C[330]SEC[339]GK	1	
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	*	2.77	*	*	*	2	3 LSEAESSDSSVSFIC[330]DVAYNYFSSAK 2 TAHNLENVLIHFWERLSEIC[330]VAK 3 VHC[339]EGEGGNAGDGGGVVPHR	1 1 3	
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	6.52	3.18	0.07	2	4	3 IRC[339]DDC[339]GFLADGLSGLNVHIAM[147]K 2 HLC[330]PVTLDGERSAESPVLVVTR 2 ERKFTC[339]HLC[339]DR	1 1 1	
ZN441_HUMAN (Q8N8Z8) Zinc finger protein 441 [MASS=72193]	0.00	8.31	0.86	0.00	1	3	2 RHM[147]ITHTGNGPHK 2 DNSQC[330]GGPFTQTQDSIVNEK 3 AFDSPSLC[330]RRHETAHTGEK	1 1 1	
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	*	2.18	*	*	*	1	2 C[330]GEC[339]GKAFAQKANLTQHQR	1	

ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	*	8.21	*	*	*	2	3	YGKSF3[339]M[147]LSHLNQHQVIHTREK	1
							3	PYTC[339]JEEC[339]GKAFNC[330]SSTLMQHK	1
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	*	1.08	*	*	*	1	2	LDESALDK	1
ZN510_HUMAN (Q9Y2H8) Zinc finger protein 510 [MASS=79142]	0.00	3.07	1.38	0.00	1	2	2	SNLRIHQ	1
							2	IGKAFNDKANC[339]VK	1
ZN511_HUMAN (Q8NB15) Zinc finger protein 511 [MASS=29428]	0.00	8.78	0.86	0.00	1	1	3	SEGEAM[147]EIC[339]SEPVAASPAPAGER	1
ZN559_HUMAN (Q9BR84) Zinc finger protein 559 [MASS=62317]	0.00	3.53	1.93	0.00	1	2	2	AFTDSSGLIK	1
							3	HYVC[339]NEC[339]GK	1
ZN561_HUMAN (Q8N587) Zinc finger protein 561 [MASS=55197]	0.00	14.81	1.76	0.00	1	4	2	NC[339]GEVFREQFC[339]LKTHMR	1
							3	VQNGGNTSEGNC[339]YGK	1
							2	EC[330]GKAFTTSTSLIQHTR	1
							2	EC[339]GKGFKYFASLDNHM[147]GIHTDEK	1
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	*	6.09	*	*	*	2	3	NLYRYVM[147]QETIR	1
							3	PHEYQEYGEKPHTHKQR	1
ZN575_HUMAN (Q86XF7) Zinc finger protein 575 [MASS=26763]	*	24.90	*	*	*	3	3	PSQSAPGPTASAGSPRPR	1
							3	PSQSAPGPTASAGSPR	1
							2	MLERGAESAAGATDPSPTGKEPVTK	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	0.00	1.66	6.13	0.00	1	1			
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrix-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	0.64	2.78	0.96	0.00	1	2	3	GIPHRFAGHESYQNM[147]GPQRM[147]NVQVTQHR	1
							3	KEQSLHYGSVLLITELPEDGC[330]TEEDVR	1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	*	4.54	*	*	*	1	2	DDSDTETSNDLPKFADGIKAR	1

ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	*	3.46	*	*	*	1	3	SVHLTQHQQIHKEMPC[330]K	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	0.00	5.76	1.28	0.00	1	2	3 VAAPPNDGQEETASC[339]PVVQGTSEAEAQK 2 APVLFQSPRGFEAGFENEDNSK	1 1	
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	*	2.49	*	*	*	1	2 EC[330]GKAFNQSSTLM[147]K	1	
ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	*	2.73	*	*	*	1	3 QFRYQVMSSGPHETLK	1	
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	7.14	*	*	*	2	3 C[339]ASQLQIHERTHSGEKPHEC[339]K 3 PYEC[339]KHC[339]GKAFISNYIR	1 1	
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	*	3.87	*	*	*	1	2 LSSFLHAHQRIHAEIKPYGC[330]K	1	
ZNF38_HUMAN (P17036) Zinc finger protein 38 (Zinc finger protein KOX25) (Zinc finger protein HF.12) (Zinc finger protein 3) (HZF3.1) [MASS=50916]	0.00	2.69	0.61	0.00	1	1	3 TFSC[330]SSALILHR	1	
ZNF6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.59	4.93	1.12	0.00	1	3	3 KVSFHNHLESHK 2 YC[339]DYETAEQGLLNR 3 HM[147]KNHPDHLMRK	1 1 1	
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	*	2.02	*	*	*	1	2 IHTGEKPYEC[330]JEK	1	
ZNF92_HUMAN (Q03936) Zinc finger protein 92 (Zinc finger protein HTF12) [MASS=68486]	0.00	6.31	9.09	0.00	1	3	3 AFNQSSTLTKHKR 3 C[339]GNAFNQSSNLTR 2 RNHM[147]EDKPYK	1 1 1	
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	0.00	5.42	1.59	0.00	1	5	2 SNQEGKVGFLQISNR 2 FLESLQKDPSEVVITLATSGLK 2 PSANVYDLAKNFNLEVSLFER 3 EPRYLLM[147]GGRYDFTPLIENPSATGEFLR 2 NGHIVIGDC[330]GGAMER	1 1 1 1 1	
ZNT1_HUMAN (Q9Y6M5) Zinc transporter 1 (ZnT-1) (Solute carrier family 30 member 1) [MASS=55328]	0.00	4.54	1.78	0.00	1	1	3 TQC[330]ALKQC[330]C[330]GTLQPAPSGKDAEK	1	

ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	1.00	15.46	0.69	0.09	3	3	2	DTLLSVPGVR	1
							2	AADPISTFLFSIC[330]ALGSTAPTLR	2
							3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	0.00	15.32	1.07	0.43	2	6	2	SLEKRADEVVK	1
							2	HIC[339]WVLLKKFELPR	1
							2	RADEVVKYIDTK	1
							2	RYSNC[330]MGEITR	1
							3	C[330]IDNWL FHKC[330]NSC[339]PIGGQVIYNPLTWK	1
							3	LGILPSIPQC[339]NFDELNTPQSPK	1
ZXDA_HUMAN (P98168) Zinc finger X-linked protein ZXDA [MASS=84770]	*	7.63	*	*	*	3	3	IHLRSHTGERPFLC[339]DFDGC[330]GWNFTSMSK	1
							3	HDDDRRFM[147]C[339]PVEGC[330]GK	1
							2	HQLKM[147]HLLTHSSSQGQR	1
ZXDB_HUMAN (P98169) Zinc finger X-linked protein ZXDB [MASS=84792]	*	3.36	*	*	*	1	3	EEAEEGGLQGEGGANPAGPTALGPR	1

**Table 6. EAD Mitochondrial Study
Protein Summary**

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	1.07	1.00	1.04	1.00	0.89	3.00	1.00	0.06
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.55	1.00	1.69	1.00	1.85	3.00	1.70	0.09
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	0.61	0.00	0.92	1.00	0.73	3.00	0.75	0.09
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.86	1.00	1.83	1.00	1.69	3.00	1.79	0.05
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	0.05	0.33	2.60	1.00	0.44	3.00	1.03	0.79
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	1.49	0.89	1.81	1.00	1.31	3.00	1.54	0.15
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	1.61	0.00	0.42	0.00	1.08	3.00	1.04	0.34
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	0.54	1.00	0.59	1.00	0.51	3.00	0.55	0.02
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.53	0.45	0.54	1.00	0.53	3.00	0.53	0.00
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.87	1.00	2.09	1.00	1.88	3.00	1.95	0.07

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	1.31	0.75	1.45	1.00	1.58	3.00	1.45	0.08
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	0.56	0.76	0.55	1.00	0.46	3.00	0.52	0.03
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	1.72	1.00	1.48	1.00	1.82	3.00	1.67	0.10
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	1.46	0.00	2.06	1.00	1.56	3.00	1.69	0.19
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.63	0.62	1.38	1.00	1.81	3.00	1.61	0.12
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	1.15	1.00	1.48	1.00	1.66	3.00	1.43	0.15
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	0.92	1.00	0.97	1.00	1.03	3.00	0.97	0.03
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	1.36	0.41	1.79	1.00	1.07	3.00	1.41	0.21
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	2.16	1.00	1.58	1.00	1.69	3.00	1.81	0.18
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	1.72	1.00	1.44	1.00	1.67	3.00	1.61	0.09
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.57	1.00	1.20	1.00	1.34	3.00	1.37	0.11
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.92	0.66	1.75	1.00	1.70	3.00	1.79	0.07
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	1.55	1.00	1.16	1.00	1.77	3.00	1.49	0.18
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	0.65	1.00	0.58	1.00	0.60	3.00	0.61	0.02

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.94	1.76	1.00	1.88	1.00	2.22	3.00	1.95	0.14
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	2.50	0.66	1.04	1.00	0.65	3.00	1.40	0.56
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.94	2.29	0.00	1.66	0.91	1.94	3.00	1.96	0.18
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.68	0.33	0.84	1.00	0.72	3.00	0.75	0.05
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.99	1.31	0.95	1.62	1.00	0.89	3.00	1.27	0.21
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	0.60	1.00	0.55	1.00	0.58	3.00	0.58	0.01
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	0.80	0.67	0.90	1.00	0.60	3.00	0.77	0.09
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	1.24	1.00	1.22	1.00	1.30	3.00	1.25	0.02
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.45	1.00	1.56	1.00	1.83	3.00	1.61	0.11
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.40	1.00	1.69	1.00	1.74	3.00	1.61	0.11
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.27	1.31	1.00	0.93	1.00	1.55	3.00	1.26	0.18
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	1.36	1.00	1.58	1.00	1.38	3.00	1.44	0.07
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	0.57	0.00	1.95	0.00	1.08	3.00	1.20	0.40
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	32.92	0.00	24.57	0.00	37.41	3.00	31.63	3.76

KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	1.02	1.00	0.82	1.00	0.89	3.00	0.91	0.06
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	0.73	1.00	0.75	1.00	0.76	3.00	0.75	0.01
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.58	0.99	1.14	1.00	1.82	3.00	1.51	0.20
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	0.70	0.63	0.57	1.00	0.74	3.00	0.67	0.05
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	0.86	0.92	0.69	0.98	0.68	3.00	0.74	0.06
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.00	1.41	0.98	1.51	0.99	1.05	3.00	1.32	0.14
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.65	0.53	0.85	0.91	1.00	0.74	3.00	0.73	0.11
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.62	1.00	1.94	1.00	1.82	3.00	1.79	0.09
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	1.56	1.00	1.75	1.00	1.81	3.00	1.71	0.08
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.35	1.00	1.77	1.00	1.34	3.00	1.49	0.14
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	0.64	1.00	0.51	1.00	0.78	3.00	0.64	0.08
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	1.82	1.00	2.40	1.00	1.66	3.00	1.96	0.22
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.12	0.71	1.43	1.00	1.64	3.00	1.40	0.15

NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.99	1.85	0.83	1.68	1.00	1.72	3.00	1.75	0.05
NIP51_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.94	1.63	0.23	1.24	0.41	0.70	3.00	1.19	0.27
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.23	1.00	1.39	1.00	1.73	3.00	1.45	0.15
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	1.54	1.00	1.64	1.00	1.17	3.00	1.45	0.14
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	1.31	0.91	1.59	1.00	1.44	3.00	1.45	0.08
ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component) [MASS=65781]	0.60	1.45	0.00	1.05	1.00	1.50	3.00	1.33	0.14
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	1.54	0.00	1.45	1.00	1.77	3.00	1.59	0.10
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	1.31	0.00	1.06	1.00	1.68	3.00	1.35	0.18
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	0.71	0.60	0.62	1.00	0.61	3.00	0.65	0.03
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	1.02	1.00	2.26	1.00	1.72	3.00	1.67	0.36
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	1.34	0.36	2.02	1.00	1.63	3.00	1.66	0.20

SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812]	1.00	0.45	1.00	0.51	1.00	0.35	3.00	0.44	0.05
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	0.62	0.97	0.60	1.00	0.66	3.00	0.63	0.02
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	0.62	0.97	0.69	1.00	0.54	3.00	0.62	0.04
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	0.95	1.00	0.95	1.00	0.91	3.00	0.94	0.01
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	0.93	1.00	1.05	1.00	0.80	3.00	0.93	0.07
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	1.21	0.00	2.15	1.00	1.64	3.00	1.67	0.27
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	1.12	0.92	1.67	1.00	1.39	3.00	1.39	0.16
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.42	1.00	2.10	1.00	1.77	3.00	1.76	0.20
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.85	1.00	0.82	1.00	1.62	3.00	1.43	0.31
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	0.17	0.00	0.06	1.00	0.64	3.00	0.29	0.18
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	2.12	1.00	1.99	1.00	1.51	3.00	1.87	0.19
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	0.99	1.41	1.00	1.90	1.00	1.61	3.00	1.64	0.14
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	*	*	0.00	0.64	1.00	0.81	2.00	0.73	0.08
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	0.75	*	*	1.00	0.60	2.00	0.68	0.07
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	1.44	*	*	1.00	1.77	2.00	1.61	0.17

ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	2.03	*	*	1.00	1.13	2.00	1.58	0.45
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	1.00	1.61	*	*	1.00	1.39	2.00	1.50	0.11
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	3.54	*	*	0.00	0.96	2.00	2.25	1.29
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	0.67	*	*	1.00	0.73	2.00	0.70	0.03
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	0.67	0.32	*	1.00	0.80	2.00	0.74	0.06
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.93	1.63	*	*	1.00	1.64	2.00	1.64	0.01
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.00	1.38	*	*	1.00	0.99	2.00	1.19	0.19
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	*	*	0.21	2.32	0.72	1.64	2.00	1.98	0.34
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	*	*	0.63	0.70	0.25	1.77	2.00	1.24	0.54
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na ⁺ /K ⁺ ATPase 1) [MASS=112895]	1.00	0.79	*	*	1.00	0.54	2.00	0.67	0.13
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca ²⁺ -ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	0.82	0.90	*	*	1.00	1.05	2.00	0.98	0.07
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	*	0.42	0.77	0.99	0.48	2.00	0.63	0.15

AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.00	1.77	*	*	0.77	1.94	2.00	1.86	0.09
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13 [MASS=76709]	0.00	0.52	*	*	0.24	1.31	2.00	0.92	0.40
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	0.00	1.39	*	*	1.00	1.78	2.00	1.59	0.20
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	1.82	*	*	1.00	1.94	2.00	1.88	0.06
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	1.46	*	*	1.00	1.65	2.00	1.56	0.09
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.82	1.10	*	*	0.97	0.79	2.00	0.95	0.16
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20 [MASS=14177]	1.00	0.57	*	*	1.00	0.60	2.00	0.59	0.02
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	0.73	0.00	0.66	*	*	2.00	0.70	0.03
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	1.32	*	*	1.00	1.50	2.00	1.41	0.09
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	1.17	*	*	1.00	1.31	2.00	1.24	0.07
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	0.99	0.53	*	*	1.00	0.56	2.00	0.55	0.02
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.99	0.60	*	*	0.54	0.44	2.00	0.52	0.08
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.31	0.90	*	*	0.62	1.81	2.00	1.36	0.46
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.00	1.12	0.37	1.02	*	*	2.00	1.07	0.05

COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.74	0.61	*	*	1.00	0.61	2.00	0.61	0.00
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.48	1.46	*	*	1.00	2.27	2.00	1.87	0.41
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	*	*	0.74	1.26	1.00	1.72	2.00	1.49	0.23
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.24	0.86	*	*	0.92	0.89	2.00	0.88	0.02
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	2.02	0.00	0.31	*	*	2.00	1.17	0.86
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	0.48	*	*	1.00	0.40	2.00	0.44	0.04
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	0.00	0.80	*	*	1.00	1.07	2.00	0.94	0.14
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.85	0.63	*	*	0.00	0.15	2.00	0.39	0.24
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Doublin) [MASS=44925]	*	*	0.00	1.25	0.00	1.20	2.00	1.23	0.02
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	0.54	0.00	4.99	*	*	2.00	2.77	2.23
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	*	0.96	0.84	1.00	0.61	2.00	0.73	0.12
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.45	*	*	1.00	0.54	2.00	0.50	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	0.98	1.30	*	*	1.00	1.43	2.00	1.37	0.06
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.78	*	*	1.00	1.35	2.00	1.57	0.22
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	*	*	0.99	0.64	1.00	0.59	2.00	0.62	0.03
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	*	*	0.00	1.28	0.00	1.12	2.00	1.20	0.08

ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	0.58	*	*	0.00	0.41	2.00	0.50	0.08
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.95	1.41	*	*	1.00	1.44	2.00	1.43	0.02
FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	6.03	*	*	0.00	10.14	2.00	8.09	2.05
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	*	*	0.00	0.18	0.00	0.19	2.00	0.19	0.01
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	0.02	*	*	0.00	9.10	2.00	4.56	4.54
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	0.68	*	*	0.81	1.81	2.00	1.25	0.57
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-1) [MASS=7719]	1.00	0.54	*	*	1.00	0.61	2.00	0.58	0.04
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.99	1.08	*	*	1.00	0.51	2.00	0.80	0.29
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	0.58	*	*	1.00	0.49	2.00	0.54	0.05
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	1.27	*	*	1.00	1.50	2.00	1.39	0.11
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	0.40	0.98	*	*	1.00	0.48	2.00	0.73	0.25
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	3.04	*	*	0.00	3.20	2.00	3.12	0.08
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	0.22	*	*	1.00	0.83	2.00	0.53	0.31
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	0.83	*	*	1.00	0.85	2.00	0.84	0.01

HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	0.97	*	*	0.51	0.85	2.00	0.91	0.06
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	*	0.00	3.76	0.00	1.40	2.00	2.58	1.18
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.99	1.53	*	*	1.00	1.51	2.00	1.52	0.01
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	0.69	*	*	1.00	0.54	2.00	0.62	0.07
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	*	*	0.00	2.38	0.96	1.54	2.00	1.96	0.42
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	0.82	*	*	1.00	0.90	2.00	0.86	0.04
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	0.83	*	*	1.00	0.81	2.00	0.82	0.01
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	0.67	*	*	1.00	0.72	2.00	0.70	0.02
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.30	1.57	*	*	0.89	1.16	2.00	1.37	0.21
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	0.68	*	*	1.00	0.61	2.00	0.65	0.03
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	*	*	1.00	1.33	0.99	1.40	2.00	1.37	0.04
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.65	1.57	*	*	0.97	1.79	2.00	1.68	0.11
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	0.82	*	*	0.00	1.16	2.00	0.99	0.17
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	*	*	0.95	1.33	1.00	1.71	2.00	1.52	0.19
MCLN3_HUMAN (Q8TDD5) Mucolipin-3 [MASS=64247]	0.00	5.74	0.30	0.76	*	*	2.00	3.25	2.49

MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	0.46	*	*	1.00	1.43	2.00	0.95	0.49
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.81	0.49	*	*	0.98	1.00	2.00	0.75	0.26
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	1.00	1.26	*	*	1.00	1.56	2.00	1.41	0.15
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	*	0.79	0.94	1.00	0.84	2.00	0.89	0.05
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	0.58	0.00	0.78	*	*	2.00	0.68	0.10
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.96	1.28	*	*	1.00	1.58	2.00	1.43	0.15
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	0.47	*	*	1.00	0.43	2.00	0.45	0.02
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	1.88	*	*	1.00	1.68	2.00	1.78	0.10
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	1.31	*	*	1.00	1.62	2.00	1.47	0.16
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	*	0.00	2.43	0.99	2.68	2.00	2.56	0.13
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.99	1.18	*	*	0.38	1.06	2.00	1.12	0.06

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.56	*	*	1.00	1.72	2.00	1.64	0.08
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	*	*	0.55	0.73	1.00	1.18	2.00	0.96	0.23
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	1.49	*	*	1.00	1.68	2.00	1.59	0.09
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.98	*	*	1.00	1.41	2.00	1.20	0.22
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	0.63	*	*	1.00	0.44	2.00	0.54	0.10
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	0.86	*	*	1.00	0.89	2.00	0.88	0.02
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.99	1.26	0.94	1.72	*	*	2.00	1.49	0.23
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.97	1.06	*	*	0.98	1.70	2.00	1.38	0.32
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	1.53	*	*	1.00	1.79	2.00	1.66	0.13
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.73	*	*	1.00	2.05	2.00	2.39	0.34
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.95	1.25	*	*	1.00	1.88	2.00	1.57	0.32
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	0.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	0.00	0.80	*	*	1.00	0.66	2.00	0.73	0.07
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.00	0.28	*	*	0.54	0.18	2.00	0.23	0.05
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.82	0.85	*	*	0.60	0.75	2.00	0.80	0.05

PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	1.02	*	*	1.00	0.72	2.00	0.87	0.15
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	1.85	0.00	0.10	*	*	2.00	0.98	0.88
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	0.66	*	*	1.00	0.69	2.00	0.68	0.02
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	*	*	0.00	0.24	0.00	1.82	2.00	1.03	0.79
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	*	*	0.00	0.29	0.00	2.54	2.00	1.42	1.13
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	0.75	*	*	1.00	0.79	2.00	0.77	0.02
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	0.27	0.00	1.49	*	*	2.00	0.88	0.61
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	0.97	1.99	*	*	1.00	1.55	2.00	1.77	0.22
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/ threonine transporter) (ASCT1) [MASS=55723]	1.00	0.57	*	*	1.00	0.42	2.00	0.50	0.07
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	*	*	0.25	0.18	0.92	1.21	2.00	0.70	0.52
SCPDH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	1.00	1.01	*	*	0.98	1.68	2.00	1.35	0.34
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.97	1.16	*	*	1.00	1.56	2.00	1.36	0.20
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	0.93	*	*	0.99	1.06	2.00	1.00	0.06
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.27	1.47	*	*	0.00	1.46	2.00	1.47	0.01
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	*	*	0.65	1.41	0.00	1.50	2.00	1.46	0.04
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	0.50	0.00	*	0.99	0.34	2.00	0.42	0.08
SIRT2_HUMAN (Q81XJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.31	1.66	*	*	0.99	0.85	2.00	1.26	0.41
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.00	0.90	*	*	0.98	0.68	2.00	0.79	0.11
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	0.70	*	*	0.99	0.70	2.00	0.70	0.00

SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.55	1.60	*	*	1.00	1.50	2.00	1.55	0.05
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	1.20	*	*	1.00	1.16	2.00	1.18	0.02
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.99	1.44	*	*	1.00	1.57	2.00	1.51	0.07
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	*	*	0.95	1.40	0.00	3.31	2.00	2.36	0.96
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	*	0.55	0.58	0.97	0.53	2.00	0.56	0.03
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	9.90	*	*	0.00	5.12	2.00	7.51	2.39
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	*	*	0.91	0.55	1.00	0.55	2.00	0.55	0.00
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.44	1.33	*	*	1.00	1.69	2.00	1.51	0.18
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.97	1.55	*	*	0.73	1.25	2.00	1.40	0.15
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	1.17	*	*	0.00	0.65	2.00	0.91	0.26
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.22	0.76	*	*	0.00	1.33	2.00	1.05	0.29
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.75	1.31	*	*	0.98	0.82	2.00	1.07	0.25
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	0.84	*	*	1.00	0.71	2.00	0.78	0.07

UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.75	*	*	1.00	1.62	2.00	1.69	0.06
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.67	0.69	*	*	1.00	0.53	2.00	0.61	0.08
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	1.51	*	*	1.00	1.69	2.00	1.60	0.09
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	*	*	0.30	1.13	0.95	1.05	2.00	1.09	0.04
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	1.48	*	*	0.00	3.16	2.00	2.32	0.84

Table 7. EAD Mitochondrial Study

Experiment 1

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.07	0.00	2	1	2	ELEAVC[339]QDVLSLLDNYLIK	1
							2	ELEAVC[330]QDVLSLLDNYLIK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	*	15.51	*	*	*	2	3	SIC[330]TTVLELLDKYLIANATNPESK	1
							2	NLLSVAYKNVVGGR	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	13.88	0.75	0.28	2	2	2	IETELRDIC[330]NDVLSLLEK	1
							3	LAEQAERYDDM[147]AAC[330]M[147]K	1
							2	LAEQAERYDDM[147]AAC[330]M[147]K	1
2A5A_HUMAN (Q15172) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A, B subunit, B' alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform) (PP2A, B subunit, R5 alpha isoform) [MASS=56193]	0.00	6.58	2.22	0.00	1	2	2	QFLM[147]KVLIPMHTAK	1
							2	LQQC[339]C[339]ILDFMDSVSDLK	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	1.87	*	*	*	1	2	RLAGGDWFTSR	1
2AAB_HUMAN (P30154) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform (PP2A, subunit A, PR65-beta isoform) (PP2A, subunit A, R1-beta isoform) [MASS=66201]	*	4.33	*	*	*	1	2	FGTEWAQNTIVPKVLVMANDPNYLHR	1

2ABB_HUMAN (Q00005) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (PP2A, subunit B, B-beta isoform) (PP2A, subunit B, B55-beta isoform) (PP2A, subunit B, PR55-beta isoform) (PP2A, subunit B, R2-beta isoform) [MASS=51710]	*	3.39	*	*	*	1	2	DYLTVKVWDLNM[147]ENR	1
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	*	1.43	*	*	*	1	1	ERTESEVPPR	1
41_HUMAN (P11171) Protein 4.1 (Band 4.1) (P4.1) (EPB4.1) (4.1R) [MASS=97016]	0.00	2.66	0.62	0.00	1	1	3	FYPDPAQLTEDITRYLVC[330]LQLR	1
5HT7R_HUMAN (P34969) 5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7) [MASS=53555]	*	3.34	*	*	*	1	2	EVEEC[339]ANLSRLLKHER	1
A4_HUMAN (P05067) Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer disease amyloid protein) (Cerebral vascular amyloid peptide) (CVAP) (Protease nexin-II) (PN-II) (APPI) (PreA4) [Contains: Soluble APP-alpha (S-APP-alpha); Soluble APP-beta (S-APP)] [MASS=86943]	0.00	8.05	0.14	0.00	1	2	3	LVFFAEDVGSNKGAIIGLM[147]VGGVVIATVIVITLVM[147]LKK	1
							2	ALEVPTDGNAGLLAEPQIAMFC[330]GR	1
							2	NLDKEYLPIGGLAEFC[339]K	5
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.95	1.55	0.04	12	4	2	NLDKEYLPIGGLAEFC[330]K	3
							2	VGAFTM[147]VC[339]K	2
							2	HFIEQGIVNC[339]LC[339]QSYAK	2
							2	SGRFVTVQTISGTGALR	1
ABCA3_HUMAN (Q99758) ATP-binding cassette sub-family A member 3 (ATP-binding cassette transporter 3) (ATP-binding cassette 3) (ABC-C transporter) [MASS=191361]	*	3.52	*	*	*	2	3	LSIGIALIAGSKVLILDEPTSGMDAISR	1
							3	EVLGDLEEFILIFRASVEGGGFNERC[339]LVAASFR	1

ABCAC_HUMAN (Q86UK0) ATP-binding cassette sub-family A member 12 (ATP-binding cassette transporter 12) (ATP-binding cassette 12) [MASS=293249]	*	2.97	*	*	*	4	2	TIILSTHHLDEAEVLSDR	1
							3	M[147]LTGDIIPSSGNILIR	1
							3	EQIASKYGIPINTTFFC[339]FSLYK	1
							3	EILNQM[147]ASGTHPLLDKMRSLK	1
ACL6B_HUMAN (O94805) Actin-like protein 6B (53 kDa BRG1-associated factor B) (Actin-related protein Baf53b) (ArpNalpha) [MASS=46877]	0.00	4.93	1.03	0.00	1	1	2	DGAEVMSPLKNGM[147]IEDWEC[330]FR	1
							2	VGLIGSC[339]TNSSYEDM[147]GR	1
							3	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	8.85	1.44	0.08	7	4	2	WVIGDENYEGSSREHAALPR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							1	VAGILTVK	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	3
ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	0.00	8.55	1.43	0.00	1	2	3	IKVTKDGYADIVDLNSPLEGPDQK	1
							2	SEFYANEAC[339]KR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	13.30	2.03	0.00	1	3	2	VLPSNAVWMENSKLKSLEIC[339]HPQER	1
							3	M[147]KDSYIEVLLPLGSEPELR	1
							2	SLEIC[339]HPQER	1
ACOX2_HUMAN (Q99424) Acyl-coenzyme A oxidase 2, peroxisomal (EC 1.17.99.3) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase) (Trihydroxycoprostanoyl-CoA oxid) [MASS=76826]	*	1.32	*	*	*	1	3	VHC[330]YYVTVK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	12.18	1.61	0.05	2	1	3	LM[147]C[330]PQEIVDYIADKKDVYE	1
							2	LM[147]C[339]PQEIVDYIADKKDVYE	1

ACSL4_HUMAN (O60488) Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	*	7.31	*	*	*	2	3	PKGVM[147]M[147]HHSNLIAGMTGQC[339]ERIPGLGPK	1
							3	GVEGTWVDIC[330]NNPAMEAEILKEIR	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
							2	C[330]DVIDIRK	3
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	15.47	0.61	0.15	12	3	2	C[339]DVIDIRK	2
							2	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
							3	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	*	10.90	*	*	*	2	2	ERAC[339]YLSINPQK	1
							3	AAEVFFETFNVPALFISMQAVLSLYATGR	1
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	*	18.62	*	*	*	3	3	PDLIGEESEGIHEVLVFAIQKSDM[147]DLR	1
							2	HVRVM[147]AGALEGDIFIGPKAEEHR	1
							2	ERAC[330]YLSINPQKDELTETEK	1
ACVR1_HUMAN (Q04771) Activin receptor type-1 precursor (EC 2.7.11.30) (Activin receptor type I) (ACTR-I) (Serine/threonine-protein kinase receptor R1) (SKR1) (Activin receptor-like kinase 2) (ALK-2) (TGF-B superfamily receptor type I) (TSR-I) [MASS=57153]	0.00	6.29	2.15	0.00	1	2	3	QITLLEC[330]VGKGR	1
							3	YM[147]APEVLDETIQVDC[339]FDSYK	1
ADA12_HUMAN (O43184) ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha) [MASS=99641]	*	3.30	*	*	*	1	2	SVRGSC[339]GSHHNTPNLAAKNVFPPTSQTWAR	1
ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	*	5.82	*	*	*	2	2	IVQVIGLVNTMFTQFK	1
							3	SDGTDNAYVADGTMC[339]GPPEM[147]YC[339]VNKTC[339]R	1

ADA23_HUMAN (O75077) ADAM 23 precursor (A disintegrin and metalloproteinase domain 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3) [MASS=91926]	*	3.85	*	*	*	2	3 2	C[330]LQIQALNM[147]SSC[330]PLDSK RSSLSYFGGVC[339]SRTR	1 1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	*	4.35	*	*	*	1	3	VFQLIGLTNAIFVSFNITILSSLELWIDENK	1
ADAM8_HUMAN (P78325) ADAM 8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 8) (Cell surface antigen MS2) (CD156a antigen) (CD156) [MASS=88673]	*	1.70	*	*	*	1	2	VC[330]WKGRC[330]QDLHVYR	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	5.15	3.54	0.00	1	2	2 2	MNSTLVGVFTITLVFLAAFVNM[147]FTC[339]NSR THIKALADFAMKLMQMK	1 1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenylyl cyclase) [MASS=130615]	*	1.37	*	*	*	1	3	IGLNM[147]GPVVAGVIGAR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	*	8.41	*	*	*	3	2 3 3	GSEENLDEAREQKEK VSM[147]ILQSPAFC[330]EELESMIQEQFKK M[147]NGDSRAAVVTSPPTTAPHKER	1 1 1
ADDB_HUMAN (P35612) Beta-adducin (Erythrocyte adducin subunit beta) [MASS=80722]	0.33	5.52	1.24	0.00	1	2	2 2	C[330]IHLHTPATAAVSAM[147]K DKTESVTSGPM[147]SPEGSPSKSPSK	1 1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain-containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	*	11.89	*	*	*	2	1 3	DGTPGEK GAC[339]TGWM[147]AGIPGHPGHNGAPGR	3 1

ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	*	5.83	*	*	*	5	2	YIQDIVASTLKL PANKVMC[330]HVR	1
							2	QAQRQENALAI VNSGM[147]R	1
							2	VMC[339]HVRR	1
							2	PERKLEYGNVDEAFK	1
							3	C[330]RGWAC[339]RTNLPSNTAFR	1
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferredoxin reductase) (Ferredoxin--NADP(+) reductase) [MASS=53836]	0.00	6.11	0.57	0.00	1	1	3	WWGWSAWPRTLPPAGSTPSFC[330]HHFSTQEK	1
							2	EFHGLGDC[339]IIK	4
							1	EFHGLGDC[339]IIK	3
							2	M[147]M[147]M[147]QSGRKGADIMYTGTVDC[330]WR	1
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	5
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	20.20	1.86	0.04	11	3	2	EFHGLGDC[330]IIK	3
							1	EFHGLGDC[330]IIK	2
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	5
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
							1	GLGDC[330]LVK	1
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.05	0.00	1	1	2	GLGDC[339]LVK	1
							1	GLGDC[330]LVK	1

AKA11_HUMAN (Q9UKA4) A-kinase anchor protein 11 (Protein kinase A-anchoring protein 11) (PRKA11) (A kinase anchor protein 220 kDa) (AKAP 220) (hAKAP220) [MASS=210511]	0.00	2.95	1.12	0.00	1	3	3	LRIDFIFLLSKYATGIR	1
							2	SGYEEDNEC[339]HVTPELPK	1
							2	MFPVPSSQVKTNKELLMFSNK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	4.70	*	*	*	10	3	KVENSNKEEIQEK	1
							3	ELEIIHNHRAENVQSC[330]DTQVSSLLDGVTMTSR	1
							2	NDSLLQTLSPDSEHVTLKR	1
							1	PTNLLR	2
							2	DLETQIEC[330]LMSDQEC[339]VKR	1
							3	LLEAISETSSQLEHAKVTQTELMRESFR	1
							2	NTELM[147]DLRQQNQALEKQLEK	1
							2	EETEFLSIHSQM[147]TNLEDIDVNHK	1
							2	AVIQC[330]LR	1
							2	SLLSEIQALHAQM[147]NGR	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	0.64	3.75	*	*	*	1	2	AVDWWGLGVVMYEMMC[330]GR	1
AKT2_HUMAN (P31751) RAC-beta serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-beta) (Protein kinase Akt-2) (Protein kinase B, beta) (PKB beta) [MASS=55768]	0.64	1.87	0.50	0.00	1	1	2	PRPNTFVIR	1
AKT3_HUMAN	0.64	5.01	*	*	*	1	3	EKPQDVDLPYPLNNFSVAKC[339]QLMK	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	*	1.76	*	*	*	1	2	IWADIPAPK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	8.21	0.67	0.06	3	3	3	LVRPEVDVM[147]C[330]TAFHDNEETFLKK	1
							2	AVM[147]DDFAAFVEKC[339]C[339]K	1
							2	LKEC[330]C[330]EKPLLEK	2
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	7.35	1.49	0.10	2	2	3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[339]GGGIAADR	1

								3	ALSDHHIYLEGTLTKPNM[147]VTPGHAC[330]TQK	1
								3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	2
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	25.90	0.67	0.15	7	4		3	YASIC[330]QQNGIVPIVEPEILPDGDHDLK	2
								2	ALANSLAC[330]QGK	2
								3	YASIC[339]QQNGIVPIVEPEILPDGDHDLK	1
								2	SLSINVLGNKEVMDTTK	1
								2	EKPGIFYQQTLPESHLPK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	2.45	*	*	*	5		3	EIQISDNHTLISMGRPSSTLGVNRSSSR	1
								2	VSMALLETLRQYQAAKSVM[147]R	1
								2	IPKDC[330]DRYDDL[339]SYM[147]SWK	1
								3	PXXXFFXDGVS[330]R	1
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	*	4.57	*	*	*	2		3	AC[330]NPSYSGGXGRR	1
								3	AC[339]NPSYSGGXGRR	1
AMOL1_HUMAN (Q8IY63) Angiotensin-like protein 1 [MASS=106573]	0.00	3.24	1.99	0.00	1	2		3	LSTTPAHSPVLKHPAAK	1
								2	LQALTQLQSAC[339]EK	1
AMPB_HUMAN (Q9H4A4) Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) [MASS=72595]	*	6.15	*	*	*	2		3	RPLHSAQAVDVASASNFR	1
								2	WLNTPGWPPYLPDLSPGD[147]K	1
AMPD1_HUMAN (P23109) AMP deaminase 1 (EC 3.5.4.6) (Myoadenylate deaminase) (AMP deaminase isoform M) [MASS=86489]	0.00	2.01	0.14	0.00	1	1		2	NSVLQC[330]GISHEEKVK	1
AMYC_HUMAN (P19961) Alpha-amylase 2B precursor (EC 3.2.1.1) (1,4-alpha-D-glucan glucanohydrolase) (Alpha-amylase carcinoid) [MASS=57709]	0.00	3.52	1.60	0.00	1	1		2	DFPAVPYSGWDFNDGK[339]K	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	0.00	10.77	1.77	0.00	1	3		2	YYQNV[339]TQSYFVWWDWAR	1
								3	M[147]EAVAVAAA[V]GVL[147]LAGAGGAAGDEAREAAV[R]ALVAR	1
								3	LFLEALVDSVAQGIPFQHQFDK	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	*	2.57	*	*	*	2		3	ENAAAIFDLFLEC[339]MPGYPLDK	1
								3	KHHC[330]RHC[330]GR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	2.96	*	*	*	6	2	AEEEEPGEPFEIVERVKEDLEK	1
							3	NGYTPLHIAAKK	1
							2	GETALHM[147]AARAGQVEVRC[339]LLR	1
							3	QGVTPLHLASQEGHTDMVTLKDKGANIHMSTK	1
							2	EDAAGGKEK	1
							3	GGTSPTKESKEHFFDL YR	1
ANKR5_HUMAN (Q9NU02) Ankyrin repeat domain-containing protein 5 [MASS=86664]	*	8.89	*	*	*	4	2	DVC[339]LTFLEKGANPNAINSSTGR	1
							2	FTHEVDFDDFM[147]MPFQKNITEKAR	1
							2	YLLDIGAKFQLENR	1
							2	ARALEAALKT	1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.21	*	*	*	4	2	FC[330]SSESESESESGEDDRSLGSSGC[339]LK	1
							2	VFEKHKEK	1
							2	APQQEELPLSSDMVEK	1
							1	HADGLLR	1
ANR33_HUMAN (Q7Z3H0) Ankyrin repeat domain-containing protein 33 [MASS=29083]	0.00	7.72	0.69	0.00	1	1	2	C[330]EC[330]VATLLM[147]AGADLTA VDPVR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.93	7.10	1.63	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.00	3.57	1.38	0.00	1	2	2	LIVGLM[147]RPPAYC[339]DAK	1
							1	NKPLFFADK	1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	*	7.78	*	*	*	3	3	KFVGGSGQVSERIM[147]DLLGDQVK	1
							1	IC[339]ELYAK	1
							3	IFSVTNGGQERK	1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.21	1.16	1.33	0.00	1	1	1	C[339]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	*	4.11	*	*	*	2	3	DIPNENEAQFQIRDC[330]PLNAEAASSK	1
							3	GEIFELKAELNSDK	1

AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	*	1.94	*	*	*	1	2	LVEC[339]LETVLNKAQEPPKSK	1
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	*	2.98	*	*	*	1	2	SNAPQIVAEMLSYLETADYSIREEIVLK	1
APCD1_HUMAN (Q8J025) Protein APCDD1 precursor (Adenomatosis polyposis coli down-regulated 1 protein) [MASS=58796]	0.00	5.45	1.80	0.00	1	1	3	HLHNGARITVQM[147]PPTIEGHWWSTGC[339]EVR	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	9.86	*	*	*	2	1	VYVSGLM[147]K	1
							2	GGADLFVENM[147]PGFDPNIRPSSSGGYWVGM[147]STIR	1
APOH_HUMAN (P02749) Beta-2-glycoprotein 1 precursor (Beta-2-glycoprotein I) (Apolipoprotein H) (Apo-H) (B2GPI) (Beta(2)GPI) (Activated protein C-binding protein) (APC inhibitor) (Anticardiolipin cofactor) [MASS=38298]	0.00	4.06	0.85	0.00	1	1	2	VC[339]PFAGILENGAVR	3
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	6.27	*	*	*	3	3	DARYTNGHLFTTISVSGM[147]TMC[330]YAC[330]NK	1
							2	HGVQEC[330]ILLVTQR	1
							2	MDPRAQTPVPGKGPFR	1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	0.00	5.86	7.38	0.00	1	8	3	NSM[147]TPNAPYQQGMSMPDVM[147]GRM[147]PYEPNK	1
							2	C[330]IC[330]VSNIVR	1
							3	HMDGMYGPPAKR	1
							3	KC[339]LIDIFGILMEYEVGDPSQK	1
							2	SGGSEAALK	1
							3	RHM[147]DGM[147]YGPPAKR	1
							3	EQEGKGDSEEQEK	1
							3	M[147]QKVMPTVPTSQVTGPPPQPPIRR	1

ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	4.61	2.37	0.00	1	3	3	EETESKC[330]DSEGEDEEDM[147]EPC[330]LTGTKVK	1
							3	LVYHQGGC[339]DNIDSGAVWK	1
							2	ISFLQEKLQEIR	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	2.13	*	*	*	2	3	VEDSSSNGQAHHVVGKVR	1
							3	NLSFEEGNVKLLAANRTC[330]LR	1
ARMX2_HUMAN (Q7L311) Armadillo repeat-containing X-linked protein 2 (Protein ALEX2) (ARM protein lost in epithelial cancers on chromosome X 2) [MASS=65683]	0.00	7.44	0.14	0.00	1	2	2	EKALM[147]AM[147]NNLSENYENQGR	1
							3	SDDPFIQQVALLTSLNNANYSVC[330]NQETIR	1
ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	*	4.49	*	*	*	1	3	RLKVYMNQVC[339]DDTITSR	3
ARTS1_HUMAN (Q9NZ08) Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A-LAP) (ARTS-1) (Aminopeptidase PILS) (Puromycin-insensitive leucyl-specific aminopeptidase) (PILS-AP) (Type 1 tumor necrosis factor receptor shedding aminopeptidase r [MASS=105846]	0.00	5.27	2.12	0.00	1	2	2	EM[147]FDDVSYDKGAC[339]ILNM[147]LR	1
							3	EGELRILASTQFEPTAARM[147]AFPC[339]FDEPAFK	1
ARX_HUMAN (Q96QS3) Homeobox protein ARX (Aristaless-related homeobox) [MASS=58160]	0.00	10.14	1.15	0.00	1	3	2	EELAMRLDLTEAR	1
							2	RC[330]PVAATGAVAAAAAAVATEGGELSPK	1
							2	ISQAPQVSISRKSYR	1
ASM_HUMAN (P17405) Sphingomyelin phosphodiesterase precursor (EC 3.1.4.12) (Acid sphingomyelinase) (aSMase) [MASS=69851]	0.00	5.09	0.87	0.00	1	2	2	VHIIHGIPPGH[C330]LKSWSWNYR	1
							2	ALTTVTALVR	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	4.41	*	*	*	3	2	LIIVEGC[339]QR	1
							3	SAGIKVIM[147]VTGDHPITAKIAK	1
							2	LIIVEGC[330]QR	1
							2	FLM[147]VM[147]KGAPERILEK	1

AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	3.82	1.61	0.00	1	2	3	C[339]IVDEAMLTGESVPQM[147]KEPIEDLSPDR	1
							2	GRC[330]IVDEAMLTGESVPQMK	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.57	0.79	0.19	6	5	1	AC[330]VVHGSDLK	1
							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							2	AC[330]VVHGSDLK	1
							2	C[330]SSILLHGK	1
							2	C[330]IELC[339]C[330]GSVKEM[147]RER	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.00	1.18	*	*	*	1	3	EDSPQSHVLVMK	1
							2	KYNTDC[330]VQGLTHSK	2
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.28	0.54	0.42	24	7	3	SPDC[330]THDNPLETR	1
							2	VLGFC[330]HYLPEEQFPK	4
							2	IISAHGC[330]K	3
							2	M[147]SVEEVC[330]R	1
							2	SPDC[339]THDNPLETR	2
							1	SPDC[330]THDNPLETR	1
2	VLGFC[339]HYLPEEQFPK	1							
3	ILDRC[339]STILLQGKEQPLDEEMK	1							
1	IISAHGC[330]K	1							
2	YNTDC[330]VQGLTHSK	1							
2	KYNTDC[339]VQGLTHSK	2							
2	SPDC[330]THDNPLETR	5							
AT1A4_HUMAN	0.00	2.14	*	*	*	1	2	VDASAAKIVVHGAELKDIQSK	1

AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	16.50	0.53	0.10	7	4	2	YNPNVLPVQC[330]TGKR	1
							2	EGKPC[330]IIIK	1
							2	YNPNVLPVQC[330]TGK	4
							1	VAPPGLTQIPQIQK	1
							2	YNPNVLPVQC[339]TGK	1
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	8.28	4.06	0.00	1	1	3	SC[339]GQVVEEWKEFVWNPRT HQFM[147]GR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	0.82	1.25	0.90	0.00	1	1	2	SM[147]SVYC[330]TPNKPSR	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	1.92	*	*	*	1	3	AVNQDKKNMLFSGTNITSGK	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	5.17	*	*	*	3	3	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
							2	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
							3	TGTLTM[147]NRM[147]TVVQAYINEKHYYK	1
							2	AKAQDGAAMEM[147]QPLKSEEGGDGDEK	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	11.02	*	*	*	5	2	QVGNKTEC[330]GLLGFVLDLK	1
							3	YGDLLPADGLFIQGNLKDIDESSLTGESDQVR	1
							2	IEDSQPHIPLIDDTDLEEDAALK	1
							3	GVKKG DGLQLPAADGAAASNAADSANASLVNGK	1
							2	QVGNKTEC[339]GLLGFVLDLK	1
3	PLISRTM[147]M[147]KNILGHAVYQLALIFTLFVGEK	1							
AT2B3_HUMAN	1.00	0.98	0.72	0.00	2	1	2	KIIEPMAC[330]DGLR	1

AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	0.00	6.75	1.61	0.00	1	3	2 DSILTKNLILKILVSSIIIVC[330]GTLFVFWR 2 SNIAFM[147]GTLVRC[330]GKAK 3 SLEELSKLVPPEC[339]HC[339]VR	1 1 1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.00	2.34	1.77	0.00	2	1	1 C[339]IADLK	3
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	3.61	*	*	*	2	2 NMGMIVINEGSLDGTRETLR 2 TSLADQEEVRTIFINQPQLTK	1 1
ATD3A_HUMAN (Q9NVI7) ATPase family AAA domain-containing protein 3A [MASS=71369]	*	12.15	*	*	*	4	3 INEMVHFDLPGQEERER 2 ATVEREM[147]ELRHK 3 EGV TAMHKLFDWANTSRR 3 LALHSGMDYAIMTGGDVAPM[147]GREGVTAMHK	1 1 1 1
ATD3B_HUMAN (Q5T9A4) ATPase family AAA domain-containing protein 3B [MASS=72572]	*	6.94	*	*	*	2	3 IDVM[147]VHFDLPQEEERERLVR 3 DGVLTEAMM[147]DAC[330]VQDAVQQYRQKMR	1 1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	0.00	2.84	0.52	0.00	1	1	2 GAPGDYEEMM[147]QIEC[330]EVM[147]DTR	1
ATF7_HUMAN (P17544) Cyclic AMP-dependent transcription factor ATF-7 (Activating transcription factor 7) (Transcription factor ATF-A) [MASS=52967]	*	6.48	*	*	*	1	3 MRLKATLTHQVSSINGGC[330]GMVVG TASTM[147]VTAR	1
ATG4C_HUMAN (Q96DT6) Cysteine protease ATG4C (EC 3.4.22.-) (Autophagy-related protein 4 homolog C) (Autophagin-3) (Autophagy-related cysteine endopeptidase 3) (AUT-like 3 cysteine endopeptidase) [MASS=52497]	0.00	5.24	0.48	0.00	1	1	2 TLPAESGC[330]TIEDHVIAGNVEEFRK	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	0.00	14.00	1.39	0.00	1	1	2 YSQIC[339]AK 1 YSQIC[330]AK 1 YSQIC[339]AK	1 1 1

ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.82	0.08	5	1	2	IC[339]SLHSLPPQS	4
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.87	0.04	4	1	2	IC[330]SLHSLPPQS	1
							2	GLC[339]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	0.00	4.62	1.06	0.00	1	3	3	DKIYM[147]YGGKIDSTGNVTNELR	1
							2	MPSQAPTGNFYQPQLLNSSM[147]C[330]LEDSR	1
							2	SVNNVVVRYGHSLALYKDK	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	4.90	*	*	*	3	3	AQLLPDAVC[330]TSEPKPRM[147]HEAC[339]LLQR	1
							3	C[330]ETKFM[147]PAAEGTIC[330]GHDM[147]WC[339]R	1
							3	PRM[147]HEAC[339]LLQRC[330]HK	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	1.37	*	*	*	1	2	WVAGPWSPC[339]SATC[330]JEK	1
ATX7_HUMAN (O15265) Ataxin-7 (Spinocerebellar ataxia type 7 protein) [MASS=95451]	*	5.16	*	*	*	3	2	LDC[330]HYSGHHPQPASFC[330]TFGSRQIGR	1
							3	IM[147]TPSVKVEKIHPK	1
							2	THSLTQR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	2.44	*	*	*	2	2	WDPTARIPPPKC[330]LPSQHK	1
							1	HVPLTR	1
B4GT7_HUMAN (Q9UBV7) Beta-1,4-galactosyltransferase 7 (EC 2.4.1.-) (Beta-1,4-GalTase 7) (Beta4Gal-T7) (b4Gal-T7) (UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 7) (UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 7) [Includes: X [MASS=37406]	*	9.17	*	*	*	1	3	TALSVGGAPC[330]TVLNIM[147]LDC[330]DKTATPWC[330]TFS	1

BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	0.00	2.29	1.78	0.00	1	2	3	QQM[147]ILEEM[147]KKPTEDM[147]C[330]LTDHQPLPDFSR SEVEM[147]EGPEEC[330]LGRR	1 1
BBS10_HUMAN (Q8TAM1) Bardet-Biedl syndrome 10 protein [MASS=80837]	0.34	4.70	0.99	0.00	1	2	2	NRLTDYYEPLLK	1
BBS2_HUMAN (Q9BXC9) Bardet-Biedl syndrome 2 protein [MASS=79870]	*	2.22	*	*	*	1	2	C[339]HQSEETM[147]VSM[147]IIANALLGIPK DAIRSNININTLFKIMR	1 1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	9.96	*	*	*	4	3	QC[339]GGSLGAC[330]YDKALDK VSEPVEIGIQVTPDEDDHLLSPTK ENGGGVPGVPGAGGGAALKALADEK LRELAGNSSTPPPSPGRGNPMHR	1 1 1 1
BCAR1_HUMAN (P56945) Breast cancer anti-estrogen resistance protein 1 (CRK-associated substrate) (p130cas) [MASS=93361]	0.00	5.52	0.86	0.00	1	2	2	GDIMTVLEQDTQGLDGWWLC[330]SLHGR QAKAADVRSQVTHYSNLLC[339]DLLR	1 1
BIRC4_HUMAN (P98170) Baculoviral IAP repeat-containing protein 4 (Inhibitor of apoptosis protein 3) (X-linked inhibitor of apoptosis protein) (X-linked IAP) (IAP-like protein) (HILP) [MASS=56685]	0.00	3.42	0.19	0.00	1	2	1	VSPNC[339]R C[330]PMC[330]YTVITFK	1 1
BNC2_HUMAN (Q6ZN30) Zinc finger protein basoenuclin-2 [MASS=122329]	*	1.27	*	*	*	1	3	ATSGAATPVIASK	1
BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	*	3.70	*	*	*	5	2	QHVIDVQILIDGKYYQADQLVQR HHVTTMSERTFPNNPVELK LESGVQFQNEAEIAGYILEC[339]ENLLR LKTVNLVLKNTQAAEALVK WKVISPTGNEAMVPSVC[339]FTVPPPKEAVDLANR	1 1 1 1 1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	1.14	*	*	*	1	3	ELSKAKEIISAASPTTIPVLDALAQSMITESMAIK	1

BPIL1_HUMAN (Q8N4F0) Bactericidal/permeability-increasing protein-like 1 precursor (Long palate, lung and nasal epithelium carcinoma-associated protein 2) (RYSR) [MASS=49172]	*	2.84	*	*	*	1	2	QFPEPM[147]PVVLKVR	2
BRAP_HUMAN (Q7Z569) BRCA1-associated protein (EC 6.3.2.-) (BRAP2) (Impedes mitogenic signal propagation) (IMP) (RING finger protein 52) (NY-REN-63 antigen) [MASS=67290]	*	4.05	*	*	*	1	2	EM[147]TDVIETM[147]KSNPDELKTTVEER	1
BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	*	3.33	*	*	*	3	2	GDVVNGRNHQGPK	1
BRD1_HUMAN (O95696) Bromodomain- containing protein 1 (BR140-like protein) [MASS=119519]	0.00	8.03	2.09	0.26	3	4	2	TPEMINQGTNQTEQNGQVM[147]NITNSGHENK	1
							3	C[339]SNTSELKEFVNPSLPREEK	1
							3	ANC[339]YTAHVTC[339]AQKAGLYM[147]KM[147]EPVK	1
							3	KGDC[339]VPAVSQSMFEFLM[147]DR	1
							3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
2	ANC[330]YTAHVTC[330]AQK	1							
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	0.00	4.53	1.20	0.00	1	2	2	HEPDPC[330]LEPAPGR	1
							2	SLPSNGELDPDVLES MASLGC[339]FR	1
BRSK2_HUMAN (Q8IWQ3) BR serine/threonine-protein kinase 2 (EC 2.7.11.1) (Serine/threonine-protein kinase 29) (SAD1B) [MASS=81607]	*	3.12	*	*	*	1	2	LSKC[330]GSPLSNFFDVIKQLFSDEK	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	*	4.01	*	*	*	4	3	YM[147]VSTGADGTVC[330]FWQWDLES LKFSRPLK	1
							2	LKAESISEEADSEPRSGGR	1
							3	SPESSILDGMIRQLQQQQDQR	1
							3	VTMIAWNQNDSIVVTAVNDHVLK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	0.00	1.78	1.71	0.00	1	4	2	DAC[339]ELESGETPC[339]VVR	1
							2	HGARVEKYGPGPM[147]GPK	1
							2	AAREKPLSASDGEGGTPQPSR	1
3	PPSAPAGGGQLPAAGAAR	1							
BSPRY_HUMAN (Q5W0U4) B box and SPRY domain-containing protein [MASS=44381]	*	8.46	*	*	*	2	2	TGLVGMLTHLDDLQLIQEKEIFER	1
							1	AVMASAAR	1

C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	0.00	5.10	0.81	0.00	1	3	2	DVGVVC[330]SRYTEIRLVNGK	1
							2	VC[330]DRGWGLKEADVVC[339]R	1
							3	IWMDHVSC[330]RGNESALWDC[339]KHDGWGK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.46	0.04	4	1	2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
C2TA_HUMAN (P33076) MHC class II transactivator (CIITA) [MASS=123456]	*	2.12	*	*	*	1	3	HIGPDEVIGESM[147]EMPAEVGQKSQK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.31	0.04	4	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	2
C8AP2_HUMAN (Q9UUKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	*	4.14	*	*	*	5	2	FEPSVIVTPLVESK	1
							1	KNISALIK	1
							2	IVPII AVPSSEQEIMHMLRMIRK	1
							3	C[330]PSSLSNSRTHK	6
							3	AAAPVMDVLQTDVSNFGLLEDTK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.82	4.12	1.10	0.00	1	2	2	NQLILGVM[147]GVDVSLEDIK	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1

CACP_HUMAN (P43155) Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT) [MASS=70925]	*	0.80	*	*	*	1	1	GYTDR	1
CAD13_HUMAN (P55290) Cadherin-13 precursor (Truncated-cadherin) (T-cadherin) (T-cad) (Heart-cadherin) (H-cadherin) (P105) [MASS=78286]	*	2.52	*	*	*	1	2	VNSDGGLVALRNITAVGK	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	0.00	0.92	2.21	0.00	1	2	2	VVASDAGTPTK FDFTSDSAVSIPEDC[339]PVGQR	1 1
CALD1_HUMAN (Q05682) Caldesmon (CDM) [MASS=93249]	*	4.41	*	*	*	2	3 2	AEFLNKSVQKSSGVK MQNDAENETTEKEEKSESR	1 1
CALU_HUMAN (O43852) Calumenin precursor (Crocabin) (IEF SSP 9302) [MASS=37107]	*	6.03	*	*	*	1	3	QWKGHDLNEDGLVSWEELYK	1
CAN11_HUMAN (Q9UMQ6) Calpain-11 (EC 3.4.22.-) (Calcium-activated neutral proteinase 11) (CANP 11) [MASS=80582]	*	3.13	*	*	*	1	3	SSLM[147]GC[339]SIEVTS DSELESM[147]TDK	1
CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	*	2.80	*	*	*	1	3	THGFTLESC[339]RSMIALM[147]DTDGSGK	1
CASL_HUMAN (Q14511) Enhancer of filamentation 1 (HEF1) (CRK-associated substrate-related protein) (CAS-L) (CasL) (p105) (Protein NEDD9) (NY-REN-12 antigen) [MASS=92860]	0.00	5.40	1.07	0.00	1	2	3 2	LQRLQQALEMGVSSLMALVTTDWRC[330]YGYMER YNC[330]DIPGAAEPVAR	1 1
CASPA_HUMAN (Q92851) Caspase-10 precursor (EC 3.4.22.-) (CASP-10) (ICE-like apoptotic protease 4) (Apoptotic protease Mch-4) (FAS-associated death domain protein interleukin-1B-converting enzyme 2) (FLICE2) [Contains: Caspase-10 subunit p23/17; Caspase-1] [MASS=58950]	*	6.53	*	*	*	2	3 2	DAEILSHVFQWLGFTVHIHNNVTK PPMRRWSSVS	1 1
CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	*	2.60	*	*	*	1	3	M[147]AFYSC[339]C[339]WVLLALTWHTSAYGPDQRAQK	1

CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	*	7.52	*	*	*	2	2	2	QPGITFIAAK VERQVFGEATKQPGITFIAAK	1 1
CC026_HUMAN (Q9BQ75) Protein C3orf26 [MASS=31812]	*	12.19	*	*	*	2	2	2	MM[147]DIPEIRKEVFELLEMGVLSLC[339]K LM[147]KDYSSRR	1 1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	*	2.61	*	*	*	1	2	2	GKDEAM[147]AIGGHWSPSLDGPDPKDPVSLIK	1
CCD44_HUMAN (Q9BSH4) Coiled-coil domain-containing protein 44 [MASS=32477]	*	8.08	*	*	*	1	2	2	ETEDDEERNVFKFIC[339]DASSLHQVR	1
CCD45_HUMAN (Q96GE4) Coiled-coil domain-containing protein 45 [MASS=95296]	0.00	1.83	5.45	0.00	1	1	2	2	YYDDYRVQLC[339]AKM[147]JMR	1
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	*	5.08	*	*	*	1	2	2	C[330]EEEVFPLAM[147]NYLDR	1
CCNH_HUMAN (P51946) Cyclin-H (MO15-associated protein) (p37) (p34) [MASS=37643]	0.00	4.33	0.17	0.00	1	1	2	2	TC[330]LSQLLDIM[147]KSM[147]R	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	0.00	0.73	8.57	0.00	1	1	2	2	QLMEGLDYC[339]HK	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.57	0.02	2	2	2	2	LRENELTYYC[330]C[330]K FEHC[330]NFNDVTTR	1 1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	6.78	0.56	0.00	1	1	2	2	NNLC[330]PSGSNIISNLFK	1

CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	27.31	0.96	0.03	4	3	3	EVQEFYKDTYNK	1
							3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	2
							3	YLLFGFNFIWLAGIAVLAIGLWLR	1
							3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	2
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	*	2.04	*	*	*	1	3	QFAVLLSLRLLAKFLGFVAFLPYR	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	*	8.38	*	*	*	1	2	MQTIKC[330]VVVGDGAVGK	1
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	*	4.16	*	*	*	2	2	EKQEEIHRIQEIQNEQDYR	1
							3	DSASQGTGQGDGPAAGHHAQPLALQATEAEADKK	1
CEA20_HUMAN (Q6UY09) Carcinoembryonic antigen-related cell adhesion molecule 20 precursor [MASS=64502]	*	1.20	*	*	*	1	1	LVSTVPK	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	9.38	0.73	0.00	1	4	2	SC[339]M[147]LQADSEKLRQAWIK	1
							3	LM[147]C[330]ELGNDVINRVYEANVEKM[147]GIK	1
							3	M[147]KMTVDFEEC[330]LK	2
							3	LM[147]C[330]ELGNDVINRVYEANVEK	1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	3.05	*	*	*	3	3	NEQDFKSGLGITIIPM[147]NVANVKQVDR	1
							3	IKEEPSKILSGNK	2
							2	DEELHMDSPVEKR	1
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	0.00	1.84	0.23	0.00	1	2	2	PLNSREESLGETAQVYWK	1
							3	IC[330]QVNNFFNRIAIMNESTEFEEERSATISK	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	2.34	*	*	*	5	2	KAVM[147]SGIHPAEDTEGTEFEPEGLPEVVKK	1
							3	ATEQSLDPPIEEEHQLR	1
							2	LALSPLSLGK	1
							1	SM[147]EEMK	1
							2	EDLTNELQKEQER	1
CEP35_HUMAN (Q5VT06) Centrosome-associated protein 350 (Centrosome-associated protein of 350 kDa) [MASS=350928]	*	2.92	*	*	*	5	3	VAQLSSTEC[339]RTGSSHLISTSSWR	1
							2	VLIGNVQPGILRFKGETSFAK	1
							2	PEGNNNGTYDGIAYFEC[330]K	1
							2	GHHDSDEEASPEK	1
							3	SQKTPTSPLSPSSQK	1

CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	0.00	5.51	0.13	0.00	1	3	3	SPPAPARQSVIHVQASGARDEAC[330]APAVGALR	1
							2	ENC[330]AFYGR	1
							2	DEAC[339]APAVGALR	1
CF049_HUMAN (Q2TBC4) Protein C6orf49 [MASS=37551]	0.00	2.33	0.45	0.00	1	1	2	LEGHTC[330]EK	1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	5.69	*	*	*	4	2	M[147]TVRYGKFLSLLK	1
							3	EVPTC[339]VIDIIDRLIILNSEAKIR	1
							2	QTEWIENC[339]QRQFC[330]KMMK	1
							2	ILKFC[339]AQTFLLSPLHMTK	1
CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	0.00	3.93	0.53	0.00	1	1	3	DM[147]ENLEDVFYQM[147]IDESQSLSLC[330]GMVWEHRK	1
CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	*	3.99	*	*	*	3	3	M[147]AVTRQFPWAVQTWYDSLGAINK	2
							3	RLSQETGLEISEEINEEDLK	1
							2	ISFC[330]SQFSWIM[147]PGTIK	1
CG028_HUMAN (O95766) Protein C7orf28 [MASS=55866]	0.00	3.11	1.83	0.00	1	1	2	QC[339]YSMYKLFNGTFLK	1
							2	C[339]EFQDAYVLLSEK	3
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	19.72	1.72	0.00	3	6	3	KISSIQSIVPALEIANAHR	1
							3	MLRLPTVFRQM[147]R	1
							3	TLKIPAMTIAKNAGVEGSLIVEK	2
							2	EEKDPGM[147]GAMGGMGGGMGGGMF	1
							3	KQSKPVTTPEEIAQVATISANGDK	1
							2	C[330]EFQDAYVLLSEK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	12.33	1.32	0.00	1	3	2	YESHPVC[339]ADLQAK	1
							2	ILQC[339]YR	1
							2	AAANEQLTR	1

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	31.06	1.17	0.16	3	5	1	YEQEHAAIQDK	1
							3	ESTLPRSGSSGGQQPSGM[147]KEGVK	2
							2	C[339]VSAAHKG	1
							2	VEPVC[339]SGLQAQILHC[339]YR	1
							2	DRPHEVLLC[339]SDLVK	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (Chromatin remodeling factor (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	0.00	1.69	1.54	0.00	1	2	3	FQAIITTFEM[147]ILGGC[339]GELNAIEWR	1
							2	LLDSPGAATEYSEPSVPTPPGAGVK	1
CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832]	*	3.33	*	*	*	1	3	ALC[339]SPPAC[330]SAFPR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	*	4.07	*	*	*	1	2	AGGLGGGSVPARAR	1
							3	MGNLVIPLGKGRAGR	3
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	*	1.80	*	*	*	2			
							2	TVLESGKPKPR	1
CI114_HUMAN (Q5T280) Protein C9orf114 [MASS=41996]	0.00	3.99	1.14	0.00	1	1	2	LNQQQHPDC[339]KTYHGK	1
CI121_HUMAN (Q5VZ03) Thioredoxin domain-containing protein C9orf121 [MASS=17614]	0.00	9.62	1.09	0.00	1	1	2	VVALYFAAARC[339]APSR	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	1.24	*	*	*	2	3	RPMNAFMIFSKR	1
							2	FAELPEFR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	8.37	1.46	0.06	2	4	1	LPC[339]VAAK	1
							2	PKSM[147]STEGLM[147]KFVDSK	1
							2	YTC[339]QR	1
							3	PKSMSTEGLM[147]K	1

								2	IVHAFDM[147]EDLGDKAVYC[339]R	3
								2	IVHAFDM[147]EDLGDKAVYC[330]R	2
								2	KFPFC[330]DGAHTK	3
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.63	0.04	18	3		2	FPFC[339]DGAHTK	4
								2	KFPFC[339]DGAHTK	4
								1	FPFC[339]DGAHTK	1
								3	IVHAFDM[147]EDLGDKAVYC[339]R	2
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	0.48	*	*	*	1		2	KARGNLELR	1
CLAT_HUMAN (P28329) Choline O-acetyltransferase (EC 2.3.1.6) (CHOACTase) (Choline acetylase) (ChAT) [MASS=82567]	0.00	2.01	1.24	0.00	1	1		2	C[330]SPEIQGHLASSAEK	1
CLC4C_HUMAN (Q8WTT0) C-type lectin domain family 4 member C (C-type lectin superfamily member 7) (Blood dendritic cell antigen 2 protein) (BDCA-2) (Dendritic lectin) (CD303 antigen) [MASS=25037]	0.00	7.04	1.08	0.00	1	1		2	NC[339]SVMGADLVVINTR	2
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	0.99	3.41	0.53	0.08	2	3		2	IHEGC[330]EEPATHNALAK	2
								2	VLRAAEQAHLWAEFLVFLYDK	1
								2	C[330]NEPAVWSQLAKAQLQKGMVK	1
CLK2_HUMAN (P49760) Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2) [MASS=60090]	0.00	6.01	0.84	0.00	1	2		2	EHLAMMERILGPIPSRM[147]IR	1
								2	HM[147]AFQLC[330]QAVK	1

CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	2.36	1.15	0.03	2	1	2	DIPFSAIYFPVYAHC[339]K	1
							2	DIPFSAIYFPVYAHC[330]K	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	0.98	16.40	1.39	0.00	1	4	3	APPGC[339]LTPERIVEVHHISQDPLHYSIASVSASQK	1
							3	IPGISSTGVGDGGNELGMGK	1
							3	IRELESM[147]IGIDPGNRGIGHLLC[339]K	1
							3	AC[339]C[339]SLGGEQGQPVHM[147]GDPELLGIK	1
							2	RPPGVLHC[339]TTK	2
							3	AHITLGC[339]AADVEAVQTGLDLEILR	1
							1	RPPGVLHC[330]TTK	1
							3	DKPELQFPFLQDEDTVATLLEC[330]K	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	2
							2	FC[330]DYGKAPGAE EYAQQDVLK	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.47	0.92	0.11	16	7	2	RLDEDLAAYC[330]R	1
							1	FC[330]DYGK	1
							2	LDC[330]AQLK	1
							2	RLDEDLAAYC[339]R	1
							2	RPPGVLHC[330]TTK	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	2
							2	AHITLGC[339]AADVEAVQTGLDLEILR	1
							1	FC[339]DYGK	1
							2	KDLNEILVHYPESQK	1
							CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.99	2.65
2	GM[147]VLLC[330]DPPYHFPDDL SYR	1							
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.31	5.42	0.90	0.00	1	5	3	LNLDTEMFIGGLVGAARKNLAYR	1
							1	ITFEGK	1
							1	FPRGVSR	1
							2	VQGELSESNC[339]GAM[147]PR	1
							2	AVATQGSFN SWD WVTRYMLLYGDR	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	0.00	1.65	*	*	*	1	2	KDLNEILVHYPESQK	1

CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	0.00	12.40	1.09	0.00	1	6	3	C[330]TC[330]DETGYSGATC[330]HNSIYEPSC[330]EAYK	1
							3	VTSGFISGC[339]SGHC[330]TSYGTNC[330]ENGGKC[330]LER	1
							3	M[147]QAAPRAGC[330]GAALLLWIVSSC[339]LC[339]R	1
							2	APC[339]ILLYISSFTTDFLAVLVKPTGSLQIR	1
							3	GTYHTNEAKGAESAESAADAAIMNNDPNFTETIDESKK	1
							3	YHGYSY[339]DC[339]SNTAYDGTFC[330]NK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.00	2.01	1.12	0.00	1	1	2	SSRPDQPSPC[339]PQLLDSQSHHL	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	*	5.08	*	*	*	2	3	GRTGPAGAAGARGNDGQPGPAGPPGVPAGGPGFPGAPGAK	1
							3	PGPPGPGQARGQPGVMGFPGPKGANGEPGK	1
CO4A4_HUMAN (P53420) Collagen alpha-4(IV) chain precursor [MASS=164095]	*	4.85	*	*	*	3	2	GHPGPPGVLVTPPLPLKGGPDGPFGR	1
							2	GIPGMVGLPGPPGRKGESGIGAK	1
							3	IPGLPGAPGMRGPEGAMGLPGM[147]RGPPGPGC[330]K	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	*	1.56	*	*	*	1	2	M[147]PGRDALKSSVDAVK	1
COA2_HUMAN (O00763) Acetyl-CoA carboxylase 2 (EC 6.4.1.2) (ACC-beta) [Includes: Biotin carboxylase (EC 6.3.4.14)] [MASS=279692]	*	1.69	*	*	*	2	2	TFVQSKKNILVDYGLR	1
							2	IGSFGPGEDLLYLRASEM[147]ARAEAIK	1
COAC_HUMAN (Q96CD2) Phosphopantothencysteine decarboxylase (EC 4.1.1.36) (PPC-DC) (CoaC) [MASS=22413]	*	7.84	*	*	*	1	2	MEPKASC[339]PAAAPLMER	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.74	8.48	0.61	0.07	2	2	1	C[330]TLAEK	1
							2	M[147]LPDKDC[330]R	2
COG3_HUMAN (Q96JB2) Conserved oligomeric Golgi complex component 3 (Vesicle docking protein SEC34 homolog) (p94) [MASS=93964]	*	6.41	*	*	*	2	3	SGSTESLNPRPQTTISPADLHGM[147]WYPTVRR	1
							3	PAPGDLAYPDKLVMMEQIAQSLK	1
COPB_HUMAN (P53618) Coatomer subunit beta (Beta-coat protein) (Beta-COP) [MASS=107139]	*	6.61	*	*	*	3	2	EDQFQLSLLAAM[147]GNTQRK	1
							3	LVTEM[147]GTYATQSALSSSRPTK	1
							3	ISLC[339]LKVLSLSEC[330]SPLM[147]NDIFNKEC[339]R	1
COQ7_HUMAN (Q99807) Ubiquinone biosynthesis protein COQ7 homolog (Coenzyme Q biosynthesis protein 7 homolog) (Timing protein clk-1 homolog) [MASS=24307]	0.00	12.44	0.88	0.00	1	2	2	TLMEEDPEKYEELLQLIKK	1
							2	SIIQAGC[339]R	1

COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.48	40.31	1.46	0.09	3	3	3 2 1 3 1	GLDPYNVLAPKGASGTR C[339]GAHYK C[330]GAHYK GPSGAAAM[147]RSMASGGGVPTDEEQATGLER C[339]GAHYK	1 1 1 1 4
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	*	5.88	*	*	*	1	2	QELQNLVAIPEK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	*	3.33	*	*	*	2	3 3	KESTQTTAPHNIVSLMEK KESTQTTAPHNIVSLMEKEK	1 1
CP26A_HUMAN (O43174) Cytochrome P450 26A1 (EC 1.14.-.-) (Retinoic acid-metabolizing cytochrome) (P450 retinoic acid-inactivating 1) (P450RAI) (hP450RAI) (Retinoic acid 4-hydroxylase) [MASS=56162]	0.00	2.21	2.47	0.00	1	1	3	EELKSKGLLC[339]K	1
CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIb polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504]	*	3.94	*	*	*	1	2	VRWAPELGASLGYREYHSAR	1
CP2A7_HUMAN (P20853) Cytochrome P450 2A7 (EC 1.14.14.1) (CYPIIA7) (P450-IIA4) [MASS=56408]	*	5.06	*	*	*	1	3	RYC[339]FGEGLARM[147]ELFLFFTTVMQNFR	1
CP2B6_HUMAN (P20813) Cytochrome P450 2B6 (EC 1.14.14.1) (CYPIIB6) (P450 IIB1) [MASS=56278]	*	2.44	*	*	*	1	3	PVVMLC[330]GVEAIR	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	*	12.61	*	*	*	1	3	TC[339]TLDFSISFEFRSLLHSQLATLFFDEVVK	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	*	1.55	*	*	*	1	2	C[330]NAQGTWEPSAPVC[339]EK	1

CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	6.47	1.36	0.00	2	2	3	FVLSSGKFGDEEK	1
							2	HEQNIDC[339]GGGYVK	1
							2	HEQNIDC[330]GGGYVK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.24	2.87	0.86	0.00	1	1	2	GVKPAHC[330]JEK	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	3.02	2.02	0.00	1	5	2	DVLRFEFC[339]QFGFELIGEK	1
							3	IYDGKDKTTHLLGAFTGASM[147]R	1
							3	SGFAIQFSSSVATAC[330]RDPGVPM[147]NGTRNGDGR	1
							2	TFHLAQGDVVK	1
							3	KM[147]KEENWAMDGFVSAEPDGATYVFQGFIQGK	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.39	0.48	0.20	4	4	3	SPQETYDVYC[330]YVDHLDGDVHFLTVPK	1
							3	SILWM[147]C[330]STLIVTHALHK	1
							2	FTFEEAAKEC[330]ENQDAR	3
							2	ETTVLVAQNGNIKIGQDYKGR	1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	*	1.67	*	*	*	2	1	GLHMQK	1
							2	GWHKFQGHG[339]YRYFAHR	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	*	6.74	*	*	*	2	2	KAGLHPPDSQASGQGVPLISVTTLRR	1
							3	PC[339]PPFLRGLLEEAPASSEETYQVPTLPR	3
CT2NL_HUMAN (Q9P2B4) CTTNBP2 N-terminal-like protein [MASS=70158]	*	8.14	*	*	*	3	3	M[147]NLEKLSKPELLTLFSILEGELEAR	1
							2	GNPPPIPPKK	1
							2	NDGEKQPVC[330]TNPLSILK	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	0.00	10.34	0.80	0.00	1	4	2	DGDC[339]PAVLIPSKPLAR	1
							3	TC[339]NPETFPSSNESRQC[339]PNAR	1
							2	QFC[330]VPGFKNNKGVAEVLK	1
							2	KPDDLPAFPLFSAFGRALR	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	1.00	5.12	0.64	0.00	2	3	2	NEGVATYAAAVLFR	1
							2	NLALC[330]PANHAPLR	1
							2	C[330]TAGTLHNLSSHRR	1
CTRB1_HUMAN (P17538) Chymotrypsinogen B precursor (EC 3.4.21.1) [Contains: Chymotrypsin B chain A; Chymotrypsin B chain B; Chymotrypsin B chain C] [MASS=27870]	0.00	11.03	0.63	0.00	1	1	3	RITDVM[147]IC[339]AGASGVSSC[339]M[147]GDSGGPLVC[339]QK	1

CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	*	5.33	*	*	*	6	2	MNSPGLQTKEPSSSLHLEGWM[147]K	1
							2	KLVEAEELEEKHR	2
							2	KHAM[147]LEM[147]NARSLQQK	1
							2	IVELSEANKLAANSSLFTQRNMK	1
							3	KLQEIKEQEYQAQVEEMR	1
							3	ETLENMM[147]QRHEEEAHEK	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	3.31	*	*	*	5	1	LSLVVGK	2
							3	PFRVLISLLDKPEIGPQVVGNIFFLEVIR	1
							2	NVEFIHSLLRQC[330]K	1
							2	LQMVTVPPIAPGILK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	4.31	*	*	*	1	2	VFGPDLC[330]PGSSKYLLVSFK	1
							2	QIFHSKESIVATTKSK	1
CV106_HUMAN (Q6P0N0) Protein C14orf106 (P243) [MASS=129085]	*	4.68	*	*	*	3	2	YMAINQKKAYILVTPLK	1
							3	GMIDQISM[147]KEAGYPNYLIRK	1
							2	NC[339]WQNYLDFHR	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	12.94	1.59	0.00	1	1	2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
							2	HLVGVC[339]YTEDEAK	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	20.92	2.16	0.05	5	4	3	GLLC[330]SARPGQLPLR	1
							2	MLMMALLVPLVYTIKR	1
							3	TQPNLDNC[330]PFHDQPHLK	2
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.85	11.64	0.63	0.76	2	1	2	TQPNLDNC[339]PFHDQPHLK	1
							3	KQLC[339]SFEIYVWPWENR	1
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-1) [MASS=16362]	0.00	11.35	0.44	0.00	1	1	3	M[147]KIPPEKMR	2
DC1L2_HUMAN (O43237) Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC53/55) (LIC-2) [MASS=54099]	*	1.83	*	*	*	1	2		

DDC_HUMAN (P20711) Aromatic-L-amino-acid decarboxylase (EC 4.1.1.28) (AADC) (DOPA decarboxylase) (DDC) [MASS=53894]	0.00	4.58	0.11	0.00	1	1	2	EDIWLHVDAAYAGSAFIC[330]PEFR	1
							3	ILPQDVILKFR	3
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	*	11.31	*	*	*	6	2	ARILPQDVILK	1
							3	DIC[330]AC[330]AATGTGK	1
							2	M[147]HILLGLM[147]GLQVGLHGNLSQTQR	1
							2	SQEAALRAAPDILIATPGR	1
							3	TFTDHVM[147]LFTQTK	1
DDX58_HUMAN (O95786) Probable ATP-dependent RNA helicase DDX58 (EC 3.6.1.-) (DEAD-box protein 58) (Retinoic acid-inducible gene 1 protein) (RIG-1) (RIG-I) [MASS=106599]	*	1.84	*	*	*	1	3	DLENLSQIQNREFGTQK	1
DEST_HUMAN (P60981) Destrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	0.00	10.98	0.73	0.00	1	1	3	FQGIKHEC[330]QANGPEDLNR	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	2.46	*	*	*	1	2	WC[330]IRHFYKPM[147]LR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	5.20	*	*	*	3	2	QVSQTRFYVAESR	1
							3	LYMLLKDMAVRGR	1
							2	VLVC[330]GGDGTGWVWLGAEETRYR	1
							3	AKPYEGSILEADC[339]DILIPAASEK	2
							2	AKPYEGSILEADC[339]DILIPAASEK	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	13.80	1.72	0.05	11	4	3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	2
							2	IIKPC[330]NHVLSLSFPIR	1
							2	C[339]AVVDVPFGGAK	3
							2	AKPYEGSILEADC[330]DILIPAASEK	1
							3	PC[339]NHVLSLSFPIRRDDGSWEVIEGYR	1

DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	19.13	1.57	0.03	12	6	3	GC[339]GPEKDHVYLQLHHLPEQLATR	1
							2	LSMQKSMQNHAAVFR	1
							3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
							2	AC[339]ALSIEESC[339]RPGDK	1
							3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANK	3
							3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	2
DHSD_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	11.79	1.92	0.06	9	3	3	GC[330]GPEKDHVYLQLHHLPEQLATR	1
							2	TLNEADC[339]ATVPPAIR	1
							3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANK	2
							2	C[330]HTIM[147]NC[330]TR	1
							2	C[339]HTIMNC[339]TR	1
							2	C[339]GPM[147]VLDALIK	1
2	C[339]HTIM[147]NC[339]TR	6							
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	*	6.07	*	*	*	7	2	C[330]HTIM[147]NC[330]TRTC[330]PK	1
							3	RLATETGEGEGEPLSRLSAR	1
							1	ASDAGTASQA	1
							2	FHPATEEEVAYISLYSFSSRGR	1
							2	REQEPTER	1
							3	DASRGLVQAPMPVPEEKEPASSPWASGEK	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	0.00	3.86	1.36	0.00	1	3	3	TAPSSSC[330]TAVASAASRPDSTHMVEARQDVPK	1
							2	GGAPFQFGGQRR	1
							2	YFLQNFSC[330]FLEETADEWAEK	1
							3	ERLLGSASSEDIWRNYSLDEIER	2
							2	PC[339]AEDYFNFM[147]GHFTK	1

DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	19.84	1.55	0.04	13	4	3	STDRVLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR	1
							2	VC[330]HAHPTLSEAFR	2
							2	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	1
							3	VLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR	1
							3	EEGIEYKVGKFFAANSR	1
							3	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	4
							2	VC[339]HAHPTLSEAFR	5
DLG1_HUMAN (Q12959) Disks large homolog 1 (Synapse-associated protein 97) (SAP-97) (hDlg) [MASS=100354]	*	1.66	*	*	*	1	2	RLQIAQLYPISEFIK	1
DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	*	3.22	*	*	*	2	3	LC[330]DKPASPRHYSPVEC[339]DK	1
							3	HMLVDDDYTR	1
							3	IIPGGAAMDGRLGVNDC[339]VLR	4
DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	*	6.36	*	*	*	3	3	HQHC[330]C[330]KC[330]PEC[330]YEVTR	1
							2	RDNEVDGQDYHFVVS	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	*	3.21	*	*	*	3	3	PLLPFETEVGPC[330]GVGEASLDKADSEGSNSGGTWP	1
							3	RLAFATHGTAFDKR	1
							2	RPKSAPSFR	2
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	2.83	2.24	0.00	1	4	2	VESDLLDQEEMVDPKDIGSYER	1
							2	C[339]IAGEVAIVRDPDAGEGTK	3
							3	EDGSHILTVGVGANIFM[147]YGRLSGIVTEQTN	1
							3	LFSC[330]GADGTLKTR	1

DNJA1_HUMAN (P31689) DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein homolog 2) (HSJ-2) (HSDJ) [MASS=44868]	*	3.02	*	*	*	1	2	C[330]VLNEGMPYRR	1							
DNL3_HUMAN (P49916) DNA ligase 3 (EC 6.5.1.1) (DNA ligase III) (Polydeoxyribonucleotide synthase [ATP] 3) [MASS=102690]	0.00	9.44	0.25	0.00	1	5	2	IFNC[330]NPDDM[147]AR	1							
							2	KFSGFSAK	1							
							2	VVPNPFSESGGDM[147]KEWYHIKC[339]M[147]FEK	1							
							2	GGMMSIFLM[147]GC[330]YDPGSQKWC[339]TVTK	1							
							3	NGDHFSYFSRSLKPVLPKH	1							
							2	QNTPLETPVGYTWIPM[147]LQNGRLK	1							
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	*	11.28	*	*	*	8	2	LPNTYPNSSSPGPGGLGGSVHYATMARS AVR	1							
							3	IVHQSTGWERM[147]FGTYFRVGFYGTK	1							
							2	QVSSKLYSLPNPSVLVSLRLDFLR	1							
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	1.23	*	*	*	1	2	ALSLEENGVGSNFKTSTLSVSSFFK	1							
							DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	*	3.04	*	*	*	4	3	LGQYRMPFAWAAR	1
														2	EAVQWEPPLPHSHSAC[330]LRR	1
														3	GNMNSAISVTM[147]RSFK	1
3	NQLLADHGHNPLMKK	1														
DPCA2_HUMAN (Q86SG4) Dresden prostate carcinoma 2 protein (D-PCa-2) [MASS=20403]	*	6.40	*	*	*	1	2	GITLQKM[147]EMPK	1							
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	4.25	0.54	0.00	1	3	2	IAPLRVLSFDIEC[330]AGR	1							
							3	FMVDTDIVGC[339]NWLELPAGKYALRLK	1							
							1	VQSYEK	1							
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.59	0.65	0.12	4	2	2	THNSSLEYNIFEGM[147]EC[339]R	2							
							2	THNSSLEYNIFEGM[147]EC[330]R	1							
							2	GLYDGPVC[330]EVSVTPK	1							
DPYL3_HUMAN (Q14195) Dihydropyrimidinase-related protein 3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP protein) (Collapsin response mediator protein 4) (CRMP-4) [MASS=61963]	*	4.74	*	*	*	1	3	WREWADGKSC[330]C[330]DYALHVDITHWNDSVK	1							

DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	*	3.83	*	*	*	4	3 2 2 3	DNMPLELSGRFQKTVTGLLIENIR TLGKEPQFSKEQELFASINTTR KEM[147]SC[330]TAHGEKPIIVR DAKSLAEMLM[147]SKNTR	1 1 1 1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	0.00	1.81	1.85	0.00	1	4	2 3 2 2	LERLEFGGTTKGAILNGQVHEMSEELMELC[330]K GLVQTGAWGC[339]FDEFNR SLIQKLILLRAMR FHNVSLGQQQETVAEVALEKASK	1 1 1 1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	1.57	*	*	*	4	1 2 3 3	QDGDSEFRMK LVQTPLTDR C[330]YLTMTQALEARLGGSPFGPAGTGK AM[147]LRLIPSLRITYAEPLTAAM[147]VEFYTM[147]SQER	1 1 1 1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	7.06	*	*	*	3	2 3 2	IEGSGDQIDTYELSGGARINR NIHGIRTGLFTPDMAFETIVK VYSPHVLNLTVDLPGM[147]TK	1 1 1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	10.70	*	*	*	1	2	PELANKVDM[147]IWIVGGSSVYK	1
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	0.00	4.47	0.24	0.00	1	5	2 3 2 2 3	TSLC[330]VLGPGDEAPLER ILEKTANPQWNQNITLPAFPSPMC[339]EK HRQAEAEEGEGWEYASLFGWK LGHSELPAALEQAEDWLLR C[330]DPYIKISIGKK	1 1 1 1 1
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	6.36	*	*	*	2	2 1	SSM[147]ATQNLPEQHVSER ESSSSK	1 1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	0.00	1.82	*	*	*	1	2	IRPGEYEQFESTIGFK	1
E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	*	1.93	*	*	*	1	3	SMQC[330]KVILLDGSEYTC[330]DVEKR	1
EAA1_HUMAN (P43003) Excitatory amino acid transporter 1 (Sodium-dependent glutamate/aspartate transporter 1) (Glial glutamate transporter) (GLAST-1) [MASS=59572]	0.99	16.79	0.81	0.10	2	4	2 2 2 3	MLQMLVPLIISLVTGM[147]AALDSKASGKM[147]GM[147]R NM[147]FPPNLVEAC[330]FK VQNITKEDVKSYLFR M[147]GMRAVVYYM[147]TTTTIAVVIGIIIVIIIHPGK	1 2 1 1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.45	0.11	5	2	2 2 2 2	C[330]LEENLGIDKR NLFPENLVQAC[330]FQQIQTVTK NLFPENLVQAC[339]FQQIQTVTK C[339]LEENLGIDKR	1 2 1 1

EBI2_HUMAN (P32249) EBV-induced G-protein coupled receptor 2 (EBI2) [MASS=41224]	0.00	16.34	1.03	0.00	1	2	3	IEHAKGVC[339]IFVWILVFAQTLPLLINPM[147]SK ALNTIILIVVFVLC[339]FTPYHVAIQHM[147]IKK	1 1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	0.98	2.36	1.30	0.00	1	2	1 2	FSAFR ALM[147]GLYHGQVLC[339]K	1 1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.94	13.10	1.76	0.00	1	2	2 2	ALNALC[339]DGLIDELNQALK C[339]PAWRPFASGANFEYIIAEK	1 1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBFE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	4.29	*	*	*	2	3 3	C[339]LYSLINEAFR ELGGVDLVIEAVFEEM[147]SLKK	1 1
EDN1_HUMAN (P05305) Endothelin-1 precursor (Preproendothelin-1) (PPET1) [Contains: Endothelin-1 (ET-1); Big endothelin-1] [MASS=24425]	*	3.77	*	*	*	1	2	PTPSPWR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	6.28	2.50	0.00	1	1	2	NM[147]ITGTSQADC[339]AVLIVAAGVGEFEAGISK	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.99	4.54	*	*	*	1	2	EGNASGVSLLEALDILPPTR	1

								2	KGDEC[330]ELLGHSK	2
								3	ELLTEFGYKGEETPVIVGSALC[339]ALEGRDPELGLK	1
								2	KGDEC[339]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	31.86	1.78	0.08	12	6		3	PFVSHFM[147]PVM[147]FSLTWDM[147]AC[339]R	1
								3	HKPFVSHFMPVMFSLTWDM[147]AC[339]RIILPPEK	1
								2	HYAHTDC[339]PGHADYVK	3
								3	HYAHTDC[339]PGHADYVK	2
								2	HYAHTDC[330]PGHADYVK	1
								3	NM[147]ITGTAPLDGC[339]ILVVAANDGPMPQTREHLLAR	1
								3	KGDEC[339]ELLGHSK	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	0.00	2.21	2.83	0.00	1	1		2	RYC[339]YLPPELLQTVR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	*	3.23	*	*	*	1		2	SILKIHAREIFDSR	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	8.08	*	*	*	2		3	VSLSGSSDPHLC[339]R	4
								3	DVREPPALKYGIVLDAGSSHTSMFIYK	1
EPHA1_HUMAN (P21709) Ephrin type-A receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH) [MASS=108066]	*	4.51	*	*	*	2		2	PIM[147]IITEFMENGALDAFLRER	1
								2	RWPLGLGLVLLLC[339]APLPPGARAK	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	*	2.34	*	*	*	1		2	LPPPMDC[339]PAALHQLMLDC[330]WQKDR	1

EPHB3_HUMAN (P54753) Ephrin type-B receptor 3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor HEK-2) [MASS=110329]	*	7.41	*	*	*	3	3	LYC[330]NGDGEWM[147]VPVGAC[330]TC[339]ATGHEPAAK	1
							3	ESFVSAGFASF DLVAQM[147]TAEDLLR	1
							2	LPPPM[147]DC[339]PTALHQLMLDC[339]WVRDR	1
ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c) [MASS=89277]	*	3.96	*	*	*	2	2	LAGM[147]EEEDLAFSTKEEQQLLQK	1
							2	FHERRNDK	1
ERF_HUMAN (P50548) ETS domain-containing transcription factor ERF (Ets2 repressor factor) [MASS=58703]	0.40	12.77	2.26	0.00	1	3	3	LEGGGGPAGGFEDEGEDK	1
							2	C[339]PLPPMAPETPPVPSSASSSSSSSSSPFK	1
							2	TPADTGFAFPDWAYKPESPPGSR	1
ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	2.00	0.58	0.00	1	1	2	C[330]EYM[147]LNAIPK	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.95	7.84	1.41	0.00	1	1	2	EFHQAGKPIGLC[339]C[339]IAPVLAAK	1
ETFA_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	*	4.80	*	*	*	1	2	C[339]DKVAQDLC[330]KVAGIAK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.94	3.24	2.29	0.00	1	2	1	HKGSDFER	1
							2	LQINAQNC[339]VHC[339]K	1
EVX1_HUMAN (P49640) Homeobox even-skipped homolog protein 1 (EVX-1) [MASS=42439]	0.00	5.90	0.41	0.00	1	1	2	SNGGSGGGGSQGLAC[330]SASDQMRR	1
EYA3_HUMAN (Q99504) Eyes absent homolog 3 (EC 3.1.3.48) [MASS=62557]	0.00	3.32	1.06	0.00	1	1	2	KNC[339]VNVLITTTQLVPALAK	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	*	14.59	*	*	*	2	3	FSFM[147]C[330]KMSASAATGILDPC[339]IYRVSVR	1
							2	QDNSILKVLISMQLMSGDPC[330]FK	1

F263_HUMAN (Q16875) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (6PF-2-K/Fru-2,6-P2ASE brain/placenta-type isozyme) (iPFK-2) (NY-REN-56 antigen) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=59609]	*	2.69	*	*	*	1	2	RHMILHFAKENDFK	1
F264_HUMAN (Q16877) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (6PF-2-K/Fru-2,6-P2ASE testis-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=53908]	*	7.05	*	*	*	2	3 2	DLSYIKIMDVGQSYVVNR SLAQFISDQNIKDLK	1 1
FA43B_HUMAN (Q6ZT52) Protein FAM43B [MASS=36776]	0.52	4.86	0.74	0.00	1	1	2	AVVLRC[330]HAVLLARAHK	1
FA50B_HUMAN (Q9Y247) Protein FAM50B (XAP-5-like protein) [MASS=38708]	*	3.69	*	*	*	1	2	WEAYDPEKKWDK	1
FA54A_HUMAN (Q6P444) Protein FAM54A (DUF729 domain-containing protein 1) [MASS=43384]	0.00	2.08	1.25	0.00	1	1	2	MLPLEPC[330]R	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	*	3.10	*	*	*	1	2	PDDSKPPVYGAC[330]K	1
FAM3C_HUMAN (Q92520) Protein FAM3C precursor (Protein GS3786) [MASS=24680]	*	8.37	*	*	*	1	2	MDASLG NFLFARSALDTAAR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.66	*	*	*	2	3 2	SC[330]LYDIPNDNISDEPSLC[330]DC[330]DVHK STPRVNPLAK	1 1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	4.88	1.41	0.00	1	2	2 3	DC[339]RAALAEITEM[147]VAQLHGTMIK PPPTPSGKLVSIKIQMLDDTQEAFEVPQR	1 1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	5.79	6.03	0.00	1	3	3	EDAM[147]PATLM[147]TLLFSNIDPIYEFHRGFLREVEQR	1
							2	IC[339]VEYHTFFR	1
							3	LEMYGIRFHMASDREGTK	1
							2	INGYPKRGR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.44	3.66	*	*	*	6	2	TLPGGNQC[330]IVPIC[330]R	1
							3	NSPGSFIC[330]EC[339]SSESTLDPTKTIC[330]IETIK	1
							2	C[339]LC[339]YDGFMD[147]ASEDM[147]K	1
							3	SIQHC[339]NIRC[330]MNGGSC[339]SDDHC[330]LC[339]QK	1
							3	NM[147]C[339]LNGM[147]C[330]INEDGSFK	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.44	3.30	0.36	0.00	1	4	2	LC[339]M[147]DGLPMGGIPGSAGSR	1
							2	GMMC[339]KNLIGTFMC[339]IC[339]PPGM[147]AR	1
							3	PC[330]EPC[330]PTPGTADFKTIC[339]GNIPGFTFDIHTGK	1
							3	C[339]M[147]NTFGSYEC[330]TC[330]PIGYALREDQKMC[330]JK	1
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSI κ B) (p κ B α -E3 receptor subunit) [MASS=68866]	*	2.81	*	*	*	1	3	VLVGHRAAVNVDFDDK	1
FBX25_HUMAN (Q8TCJ0) F-box only protein 25 [MASS=43312]	0.00	7.63	1.56	0.00	1	1	3	C[339]NISHSIILNSEDGEIFNNEEHEYASKK	1
FBX5_HUMAN (Q9UKT4) F-box only protein 5 (Early mitotic inhibitor 1) [MASS=50146]	*	4.92	*	*	*	1	2	C[339]DFNC[330]NHVHSGGLKLVKPDIDGR	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	0.00	8.70	1.06	0.00	1	3	1	PVLSLK	1
							2	TSLIDM[147]NDIEDDAYAEKDGC[339]GMDSLNNK	1
							3	MSPVFPM[147]LTVLTMFYIIC[339]LR	1
FCN3_HUMAN (O75636) Ficolin-3 precursor (Collagen/fibrinogen domain-containing protein 3) (Collagen/fibrinogen domain-containing lectin 3 p35) (Hakata antigen) [MASS=32903]	0.00	6.69	0.36	0.00	1	1	2	GEPGDPVNULLRC[330]QEGPRNC[330]R	1
FCRL2_HUMAN (Q96LA5) Fc receptor-like protein 2 precursor (SH2 domain-containing phosphatase anchor protein 1) (Fc receptor homolog 2) (FcRH2) (Immunoglobulin receptor translocation-associated 4 protein) [MASS=55541]	0.00	3.94	0.25	0.00	1	1	2	SPGAQAAVGDILLELHC[330]EALR	1

FCRL_HUMAN (Q7L513) Fc receptor-like and mucin-like 1 precursor (Fc receptor homolog expressed in B-cells) (Fc receptor-related protein X) (FcRX) (Fc receptor-like protein) [MASS=38927]	*	6.96	*	*	*	1	3	AVPSAEPQAGSPMTLSC[330]QTKLPLQR	1
FGD2_HUMAN (Q7Z6J4) FYVE, RhoGEF and PH domain-containing protein 2 (Zinc finger FYVE domain-containing protein 4) [MASS=74892]	*	9.62	*	*	*	3	3	IGDVIQKLAPFLKM[147]YSEYVK	1
							2	TARSSKAFPEDVVR	1
							3	AAAQGPEGDIQEELQSEELGLRAPQWVR	2
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	*	2.48	*	*	*	1	3	SLELISTAANHSNAAIRK	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	*	5.47	*	*	*	4	2	NTLAVANM[147]KVSRPVMEK	1
							2	LRASESPSSLIFYR	1
							2	VPSALTEVAASGEGSAISGYLSR	1
							3	PPTLVPVTHVMM[147]C[339]MNC[330]GC[330]DFSLTLRR	1
FGF22_HUMAN (Q9HCT0) Fibroblast growth factor 22 precursor (FGF-22) [MASS=19662]	0.00	4.12	0.78	0.00	1	1	2	LYTVDC[339]R	1
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	*	11.11	*	*	*	2	2	C[330]SLSLVGR	2
							3	EESPYC[330]VVC[330]FETLFANTC[339]EEC[339]GK	1
FIBB_HUMAN (P02675) Fibrinogen beta chain precursor [Contains: Fibrinopeptide B] [MASS=55928]	*	12.83	*	*	*	3	2	MGPTELLIEMEDWK	1
							2	SQGVNDNEEGFFSARGHRPLDK	1
							3	VYC[339]DMNTENGGWTVIQNRQDGSVDFGR	1
FIP1_HUMAN (Q6UN15) Pre-mRNA 3'-end-processing factor FIP1 (FIP1-like 1) (Factor interacting with PAP) (hFip1) (Rearranged in hypereosinophilia) [MASS=66526]	0.00	3.37	1.44	0.00	1	1	2	ITAEDC[339]TMEVTPGAEIQDGR	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	*	7.04	*	*	*	1	2	RVDHC[330]PIKSR	1
FLIP1_HUMAN (Q7Z7B0) Filamin-A-interacting protein 1 (FILIP) [MASS=138108]	*	1.57	*	*	*	1	2	GTQSVSGQDGSSQRPTPTR	1

FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	*	3.12	*	*	*	4	3	SSHTYTRTER	1
							3	DAGEGGLSLAVEGPSKAEITC[339]KDNK	1
							2	AAGKGDCLKLYAQDADGC[339]PIDIK	1
							3	FIPHENGVHSIDVKFNAGAHIPGSPFKIR	1
FMO2_HUMAN (Q99518) Dimethylaniline monooxygenase [N-oxide-forming] 2 (EC 1.14.13.8) (Pulmonary flavin-containing monooxygenase 2) (FMO 2) (Dimethylaniline oxidase 2) (FMO 1B1) [MASS=60776]	0.00	2.43	1.55	0.00	1	1	2	LLC[339]GAIKVKSTVK	1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolylpolyglutamate synthase) [MASS=64609]	*	1.19	*	*	*	1	1	DPAALLK	2
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	4.47	*	*	*	5	3	M[147]LTNAMEVTGLDGNRYITC[339]HTVMEVLRHK	1
							3	ILKNM[147]C[330]EHSNTLVQQAM[147]M[147]VSEELIR	1
							2	TGTTVPESIHSFIGDGLVK	1
							3	SLVVSPHEDM[147]RTWLKYASLC[330]GK	1
							2	NVKGM[147]FEVLEPLHAMMER	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	2.71	*	*	*	3	3	WSHIEWSQTEYEVVC[330]ENVGLLPLEIIR	1
							2	TISVEVIPVNDKPM[147]LSKK	1
							2	LKC[339]PGGSC[339]TPGLKK	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	6.11	*	*	*	1	2	APQPPNALGYTVSSFSNGC[330]PGEGPRFSAPR	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	0.00	5.01	*	*	*	1	3	C[330]VRITDTGLSYLSTMSLRSLYLR	1
FXL18_HUMAN (Q96ME1) F-box/LRR-repeat protein 18 (F-box and leucine-rich repeat protein 18) [MASS=88341]	*	3.73	*	*	*	1	3	SLSLPVC[330]SVADSAPRADRAPAQPAMHAVPR	1
FXVD6_HUMAN (Q9H0Q3) FXVD domain-containing ion transport regulator 6 precursor [MASS=10542]	*	24.21	*	*	*	1	2	M[147]ELVLVFLC[330]SLLAPMVLASAAEK	1

FXD8_HUMAN (P58550) FXD domain-containing ion transport regulator 8 precursor [MASS=10590]	0.00	13.83	0.95	0.00	1	1	2	C[339]SFNQKQDPGDK	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	3.57	0.02	0.00	1	4	2 3 3 2	AFRDPLQDDTGLYVTEEVTSSEDK SIQVLPSHELVSTR C[330]C[339]NQEIPGKFMGYTGDLRAC[339]TYC[339]R EPSSIIAFALSC[330]K	1 1 1 1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	0.00	5.59	0.61	0.00	1	1	3	IFM[147]SLLVGITSGM[147]WIWSAKTLHTWQKC[330]SNR	1
G109A_HUMAN (Q8TDS4) Nicotinic acid receptor 1 (G-protein coupled receptor 109A) (G-protein coupled receptor HM74A) [MASS=41849]	0.00	14.88	1.83	0.00	1	2	2 3	AITFIMVVAIVVIC[330]FLPSVVVR FGDIPC[330]RLMLFM[147]LAM[147]NRQGSIIFLTVAVDR	1 1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.68	0.11	4	2	2 2	VPTANVSVVDLTC[330]R IISNASC[330]TTNC[330]LAPLAK	2 2
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.99	2.20	1.31	0.09	3	1	2 2	TM[147]GC[330]LATTHSK TM[147]GC[339]LATTHSK	1 2
GAH2_HUMAN (P63118) HERV-H_3q26 provirus ancestral Gag polyprotein (Gag polyprotein) [MASS=23279]	0.00	14.95	0.52	0.00	1	2	2 3	KMGKWSEVPYVQAFFTLR C[330]LIFFC[330]NTAWPQYK	1 2
GATM_HUMAN (P50440) Glycine amidinotransferase, mitochondrial precursor (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase) (AT) [MASS=48455]	*	9.22	*	*	*	2	2 2	YKTPDFESTGLYSAM[147]PR GAEAVHYIGSRLGRTLGTGWVQR	1 1

								2	LFVSGAC[330]DASAK	1
								3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2
								2	KAC[330]ADATLSQITNNIDPVGR	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	22.71	0.60	0.38	15	4		2	LFVSGAC[339]DASAK	1
								2	KAC[339]ADATLSQITNNIDPVGR	1
								2	ELAGHTGYLSC[339]C[339]R	2
								2	ELAGHTGYLSC[330]C[330]R	6
								2	ELPGHTGYLSC[339]C[339]R	3
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	3.83	*	*	*	1		2	ELPGHTGYLSC[330]C[330]R	6
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	14.41	0.68	0.00	1	2		3	SERVGILSGHDNRVSC[330]LGVTADGM[147]AVATGSWDSFLK	1
								2	ELSAHTGYLSC[330]C[330]R	2
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	1.00	5.90	0.62	0.11	9	1		2	KAC[339]NDATLVQITSNM[147]DSVGR	1
								3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPAENPFR	2
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.54	0.21	7	2		2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPAENPFR	1
								3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPAENPFR	2
								2	AAADLM[147]AYC[330]EAHAK	2
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	40.00	0.80	0.22	3	1		3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPFRR	1
								3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPFRR	1
								3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPFRR	1
								3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFRR	1

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	*	69.12	*	*	*	2	2	LVEQLRIEAGIERIK	1
							2	AASDLMSYC[339]EQHARNDPLLVGVPASENPFKDK	1
GBRT_HUMAN (Q9UN88) Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor) [MASS=72021]	0.00	6.96	0.98	0.00	1	2	3	WSRFLFPLAFGLFNIVYVYHMY	1
							2	C[330]DTNSTWGLNDDELMAHGQEK	1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	*	1.53	*	*	*	1	3	APGVPPKRLPAR	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	0.00	5.53	6.02	0.00	1	2	3	TNHGQFQAM[147]ATRPYYNPELPC[339]R	1
							1	PSLVER	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3			

GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3
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GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3	3 VFSKLM[147]SVC[330]VMFTNC[330]M[147]QKFTQSMK	1
							3 RYFLMDQGDFVHFM[147]DLAEEELR	1
GCP_HUMAN (Q9NPF4) Probable O-sialoglycoprotein endopeptidase (EC 3.4.24.57) (hOSGEP) [MASS=36427]	*	5.37	*	*	*	1	3 FC[330]IDNGAM[147]IAQAGWEM[147]FR	1

GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	0.00	7.69	1.29	0.00	1	1	3	LEAGLC[339]LYGNDIDEHTTPVEGSLSWTLGKRR	1
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.98	3.46	1.19	0.00	1	1	2	IQASGILQLFASLLTPQSSC[330]K	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.24	0.09	3	2	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	GVNEDTYSGLDC[339]AR	2
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	*	3.42	*	*	*	1	3	GSDALTVDPTMYKC[330]LWK	1
							3	GIHFC[330]HDLVSLC[330]NFHNYDNLR	1
							2	C[330]VQSNIVLLTQAFR	1
							3	VPFC[339]LQSC[339]VKPLK	1
							3	LKEC[339]MDM[147]LR	1
							2	VPFC[339]LQSC[339]VKPLK	5
							2	LKEC[339]MDM[147]LR	2
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	13.30	1.45	0.06	21	5	3	FALSAM[147]DM[147]EQRDYDSRTALHVAEEGHVEVVK	1
							2	LKEC[330]M[147]DM[147]LR	3
							2	GIHFC[339]HDLVSLC[339]NFHNYDNLR	1
							2	LKEC[339]M[147]DM[147]LR	2
							2	VPFC[330]LQSC[330]VKPLK	4
							3	VPFC[330]LQSC[330]VKPLK	1
							3	GIHFC[339]HDLVSLC[339]NFHNYDNLR	1

GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.00	8.80	0.06	0.00	1	3	2	EPGLRYNK	2
							2	M[147]DC[330]NKA EKFDVFLQYLNK	1
							2	SAVSGAILLVV PNV MGM[147]MC[330]LSPPLDK	1
GMCLL_HUMAN (Q8NEA9) Germ cell-less protein-like 1-like [MASS=60201]	*	5.13	*	*	*	1	2	C[339]LEWLLNNLMTHQNVKLFKELGINVMK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.99	3.67	1.08	0.00	1	1	2	IIHEDGYSEEEEC[330]R	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	11.05	0.58	0.16	5	2	2	M[147]VC[330]DVVSR	1
							2	M[147]VC[339]DVVSR	2
							3	KSPLTIC[330]FPEYTGPN TYEDAAAYIQAQFESK	1
							2	MVC[330]DVVSR	1
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	*	3.30	*	*	*	1	2	QADYVPSDQDLLR	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	*	8.19	*	*	*	1	3	AYDAVQLFALTGPAESKGEITPELLGV MR	1
GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	*	0.63	*	*	*	1	1	TSSPSRRR	1
							3	QMSIHMEELKINISR	1
							2	LSALFSSSQKRIAELEEEELVC[330]VQK	1
							3	M[147]KEQYLM AISDKDQQLSHLQNLIR	1
							3	DDLEERLMNQLAELNGSIGNYC[330]QDVTDAQIK	1
							3	TGQELQSAC[330]DALK	1
							3	EQASTE HQSRTSEEISLNDAGVELKSTK	1
							3	ALHTQLEMQA KEHDER	1
							2	LKESE E ANEDLR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macro golgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	0.00	5.00	1.04	0.00	1	8	3	YDDV TLMGAEVASGGC[339]M[147]K	1
							2	KVEIVVLETSASYC[330]PAERVANNR	1
							2	ELVEVMVDMASNLMLVDEHLLWLAQR	1
							2	YDDV TLMGAEVASGGC[339]M[147]K	1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	0.00	5.03	2.04	0.00	1	3			

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	5.78	1.27	0.05	2	3	2	C[339]KDVLTGQEFDVR	1
							2	FHKFDADQKGFITIVDVQR	1
							2	NYLSC[339]DVEVR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	0.40	3.96	0.98	0.00	1	1	2	KIC[339]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.58	10.57	0.45	0.00	1	2	2	M[147]KPAM[147]ETAAEENTEQSQER	1
							2	SREDC[330]C[330]TKF	1
							3	C[339]QGPPGVLDYRLEK	6
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	20.06	3.04	0.02	3	3			
							3	LPTEPPSSVAEFSEATAELTVSFTNKVFTTETSR	1
							2	WYRASFPITVTAHSGTYR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	7.21	0.97	0.00	1	3	2	KFVIDC[339]EIERLQNIQIVSVGK	1
							3	LSITGSGVGENGRVLPDC[339]PK	1
							2	AGQNGWHVSAIC[330]VENFNDVSYR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	6.59	*	*	*	3	3	MDVPIESVDDLADQTAIEYGTIHGGSSMTFFQNSR	1
							2	DTLSVRM[147]LDDTR	1
							2	MLDDTRDPTPLLKEIR	1
GRIK5_HUMAN (Q16478) Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2) (Excitatory amino acid receptor 2) (EAA2) [MASS=109047]	0.00	6.43	1.72	0.00	1	3	2	DSQYETDTM[147]C[339]QILPK	1
							3	SFNYPASALIC[339]AKAEC[330]LLR	1
							2	LRLVEDGLYGAPEPNGSWTGMVVELINR	1
GRIP2_HUMAN (Q9C0E4) Glutamate receptor-interacting protein 2 (GRIP2 protein) [MASS=112501]	0.00	3.55	4.28	0.00	1	2	2	VVLEVEFDVAESVIPSSGTFHVK	1
							2	LDNC[339]PMEDAVQILR	1
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	0.00	4.17	0.86	0.00	1	4	3	TVAHVAC[330]NMLHMLVHYVPRLQIYQPDSPLK	1
							2	RGIIPTFEFGDVLIVIPM[147]K	1
							2	RILNIYRYMVVQVSMKD	1
							2	TVAHVAC[330]NMLHMLVHYVPR	1

GRLF1_HUMAN (Q9NRY4) Glucocorticoid receptor DNA-binding factor 1 (Glucocorticoid receptor repression factor 1) (GRF-1) (Rho GAP p190A) (p190-A) [MASS=172228]	0.00	5.22	1.21	0.00	1	3	3	LYLAALPLAFEALIPNLDEIDHLSC[330]IK DHSKLSM[147]ELEGNDGLSFIMSNFESK SVSSSPWLPQDGFDPDSDYAEPMDAVVK	1 1 1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	7.95	0.22	3.34	2	3	2	RTIAPC[330]QK M[147]EEFKDQLPADEC[339]NK AKC[330]ELSSSVQTDINLPYLTMDSGPKHLNM[147]K	1 1 1
GUC1A_HUMAN (P43080) Guanylyl cyclase-activating protein 1 (GCAP 1) (Guanylate cyclase activator 1A) [MASS=22788]	*	11.00	*	*	*	1	3	FM[147]TEC[339]PSGQLTLYEFRQFFGLK	1
GUC2D_HUMAN (Q02846) Retinal guanylyl cyclase 1 precursor (EC 4.6.1.2) (Guanylate cyclase 2D, retinal) (RETGC-1) (Rod outer segment membrane guanylate cyclase) (ROSGC) [MASS=120058]	0.00	8.70	0.41	0.00	1	4	3	HIRDAQVPGFC[330]GDLGGDEEPPFVLLDTDAAGDR HAAEIANMSLDILSAVGTFRMR DPALERRGTLAGDVFSLAIIIM[147]QEVVC[330]R VSGLVGPVNPAAAC[330]R	1 1 1 1
H2AW_HUMAN (Q9P0M6) Core histone macro-H2A.2 (Histone macroH2A2) (mH2A2) [MASS=39927]	0.00	3.23	0.39	0.00	1	1	2	NC[330]LSAAEDKCLK	1
HAIIP_HUMAN (O60229) Huntingtin-associated protein-interacting protein (Protein Duo) [MASS=192228]	0.00	1.08	1.33	0.00	1	1	2	LKLDQC[339]FQLRLEQDAEK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	0.83	0.05	4	1	3	GTFATLSELHC[339]DKLHVDPENFR GTFATLSELHC[330]DKLHVDPENFR	1 3
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	4.78	*	*	*	1	2	LLVPYLMEAIRLYER	1

HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain [MASS=208840]	*	3.73	*	*	*	3	2	APMKKENQWFDVGVIK	1
							2	VQLVRANTNSLEVSWGAVATADSYLLQLQK	1
							3	TMAVTPGTTTTLPATVKVASSPVM[147]VSNPATR	1
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	*	4.32	*	*	*	2	3	RASPHSSGESM[147]AAFPLFPRAGGGSGGSSGGLGPPGR	1
							2	PYGAIPGQHVTLPR	1
HDA10_HUMAN (Q969S8) Histone deacetylase 10 (HD10) [MASS=71444]	*	4.63	*	*	*	1	3	LSAREASEEELGLVHSPEYVSLVRETQVLGK	1
							3	LPLVNSYTRVPPLVWKLGWSPK	1
							2	DGDSTSTLEEHSSEKQIKNLPEETFSSR	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	3.24	2.45	0.00	1	5	2	AENLHRGAHHYTGLLK	1
							2	WWAEVQQTPKRHLSSTK	1
							2	NSSMALQQAHLKKNM[147]SHC[339]R	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	0.00	8.24	1.45	0.00	1	2	2	DIMTPLVALLKEC[339]SAGLDSNEMSLQEK	1
							2	SQAEIINALLKILSEVLGM[147]DAGEM[147]VIQMK	1
							3	GILEPHGGRSDMDR	3
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-.-) [MASS=130448]	*	1.21	*	*	*	1			
HEPS_HUMAN (P05981) Serine protease hepsin (EC 3.4.21.-) (Transmembrane protease, serine 1) [Contains: Serine protease hepsin non-catalytic chain; Serine protease hepsin catalytic chain] [MASS=45011]	0.00	2.88	1.83	0.00	1	1	2	FLAaic[339]QDC[339]GRR	1
HESX1_HUMAN (Q9UBX0) Homeobox expressed in ES cells 1 (Homeobox protein ANF) (hAnf) [MASS=21409]	0.00	17.30	1.36	0.00	1	1	3	DGNLC[339]LHVPNPPSGISFSPVVDHPMPEERASK	1
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	*	6.42	*	*	*	1	2	VGIINIFKVIISILQQVMANTLEINGKIR	1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	*	12.27	*	*	*	1	2	DVAPQAPVHFLVIPKKPIPR	1

HIP1R_HUMAN (O75146) Huntingtin-interacting protein 1-related protein (Hip1-related) (Hip 12) [MASS=119387]	0.00	7.12	2.30	0.00	1	4	3 2 2 3	ALELM[147]GQLQDQQALR LQEC[330]SRTVNERAANVVASTK RIEDM[147]M[147]NQARHASSGVK LSESVFRQLNTAIAVSMSSGQC[339]R	1 1 1 1
HNRH1_HUMAN (P31943) Heterogeneous nuclear ribonucleoprotein H (hnRNP H) [MASS=49098]	*	4.46	*	*	*	1	2	FFSDC[330]KIQNGAQQGIRFIYTR	1
HNRLH_HUMAN (Q8WVV9) Heterogeneous nuclear ribonucleoprotein L-like (Stromal RNA-regulating factor) (BLOCK24 protein) [MASS=60083]	*	6.46	*	*	*	2	3 2	AVTHLNNVKLFGK TEEGEIDYSAEEGENRREATPR	1 1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	0.99	6.26	0.75	0.00	1	2	2 2	LFQEC[330]C[330]PHSTDR GGSRRARNLPLPPPPPPR	1 1
HNRPU_HUMAN (Q00839) Heterogeneous nuclear ribonucleoprotein U (hnRNP U) (Scaffold attachment factor A) (SAF-A) (p120) (pp120) [MASS=90348]	0.00	15.67	0.33	0.00	1	6	2 2 3 3 3 3	KDC[339]EVVM[147]MIGLPGAGKTTWVTK KQM[147]ADTGKLNLLQR RGNM[147]PQRGGGGGGSGGIGYPYPR EVLAGRPLFPVLC[330]HNC[330]AVEFNFGQK GGM[147]PNRGNYNQNFGR IGWSLTTSGMILLGEEEFSGYSLKGIK	1 1 1 1 1 1
HOK2_HUMAN (Q96ED9) Hook homolog 2 (h-hook2) (hHK2) [MASS=83163]	0.00	0.97	0.16	0.00	1	1	2	C[330]AQLQPR	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	3.38	*	*	*	1	3	VPTEENEMSSEADMEC[339]LNQRPPENPDTDK	1
HS12A_HUMAN (O43301) Heat shock 70 kDa protein 12A [MASS=74978]	*	3.70	*	*	*	2	1 2	RAAAPDR WVITVPAIWKQPAKQFM[147]R	1 1
HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	*	3.21	*	*	*	1	3	TQLEAVNGKTM[147]PALEVFAHALR	1
HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	1.91	0.97	0.00	1	1	2	GKVKSIDLPIQSSLC[339]R	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	6.02	*	*	*	3	2 3 2	YYTSASGDEM[147]VSLKDYC[330]TRM[147]K ADLNNLGTIAK KFYEQFSKNIK	1 1 1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.00	3.87	0.68	0.00	1	2	2 2	GFEVYMTPEIDEYC[339]VQQLK AKFENLC[330]K	1 1

HUTH_HUMAN (P42357) Histidine ammonia-lyase (EC 4.3.1.3) (Histidase) [MASS=72697]	0.00	1.83	0.50	0.00	1	1	2	C[330]KGLGLLDNEDR	1
HV3P_HUMAN (P01777) Ig heavy chain V-III region TEI [MASS=12802]	0.00	18.49	0.49	0.00	1	1	2	NTRYLQMLSLEPZBTAVYYC[339]JAR	1
HXA13_HUMAN (P31271) Homeobox protein Hox-A13 (Hox-1J) [MASS=39753]	0.00	8.76	0.77	0.00	1	1	3	SC[330]PQPPSAAAAAAFADKYM[147]DTAGPAAEEFSSRAK	1
							2	AAQLC[330]GAGM[147]AAVVDK	2
							2	AAQLC[339]GAGM[147]AAVVDKIR	3
							3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
							2	C[339]NVSFLLSEDGSGK	2
							2	MIAAQLLAYYFTELKDDQVK	1
							2	LPVGFTFSFPC[330]QQSK	1
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
							2	AILQQLGLNSTC[339]DDSILVK	1
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	23.12	1.40	0.06	28	13	2	MISGM[147]YLGEIVRNILIDFTKK	1
							2	ATDC[339]VGHDVVTLLR	3
							2	RAAQLC[339]GAGM[147]AAVVDK	2
							2	AAQLC[339]GAGM[147]AAVVDK	2
							2	KLPVGFTFSFPC[339]QQSK	3
							2	C[330]NVSFLLSEDGSGK	1
							2	ATDC[330]VGHDVVTLLR	1
							1	TVC[339]GVVSR	1
							3	NILIDFTKKGFLFR	1
							2	LPVGFTFSFPC[339]QQSK	4
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	23.12	1.40	0.06	28	13	2	TVC[330]GVVSR	1

I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	*	3.36	*	*	*	1	3	SYIC[330]YEIRVYALSGDQGGC[330]SSILGNSKHK	1
I28RA_HUMAN (Q8IU57) Interleukin-28 receptor alpha chain precursor (IL-28R-alpha) (IL-28RA) (Cytokine receptor family 2 member 12) (Cytokine receptor class-II member 12) (CRF2-12) (Interferon lambda receptor 1) (IFN-lambda R1) (Likely interleukin or cyto [MASS=57652]	0.00	3.85	1.62	0.00	1	1	2	EVEEC[339]AGTKELLC[339]SMMC[339]LKK	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	3.27	*	*	*	1	3	PASHQTFPLQLESGQTVVEC[339]TVAQYFKQK	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	*	5.12	*	*	*	2	2	DEM[147]AHVTGRVLPAPM[147]LQYGGR	1
							3	QFHTGVEIKM[147]WAIAC[330]FATQRQC[339]R	1
I2C4_HUMAN (Q9HCK5) Eukaryotic translation initiation factor 2C 4 (eIF2C 4) (eIF-2C 4) (Argonaute-4) [MASS=97096]	*	1.86	*	*	*	2	3	KAC[339]ISLEEDYR	2
							1	IIYYR	2
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	*	2.16	*	*	*	1	2	VAFVERGGSLWLNC[330]STNC[330]PR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.27	13.93	1.31	0.00	1	2	2	TFDLYANVRPC[339]VSIEGYK	1
							3	GFTGGVQTVTLIPGDGIGPEISAAVM[147]KIFDAAK	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.99	7.12	1.53	0.00	1	2	1	KKVTAVHK	2
							2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1

IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	11.28	1.36	0.15	8	4	2	NILGGTVFREPIIC[339]K	1
							2	VC[330]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	2
IF4G2_HUMAN (P78344) Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (p97) (Death-associated protein 5) (DAP-5) [MASS=102361]	*	2.98	*	*	*	2	3	AKSLMDQYFARM[147]C[339]SLM[147]LSK	1
							2	ERHDAIFR	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	*	27.45	*	*	*	2	3	YDC[339]GEEILITVLSAM[147]TEEA AVAIK	1
							2	HGHAKVHLVGIDIFTGKK	1
IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	*	19.08	*	*	*	1	3	EIEGKYNAGEDVQVSVM[147]C[330]AM[147]SEEY AVAIK	1
IGLL1_HUMAN (P15814) Immunoglobulin lambda-like polypeptide 1 precursor (Immunoglobulin-related protein 14.1) (Immunoglobulin omega polypeptide) (Ig lambda-5) (CD179b antigen) [MASS=22963]	0.00	17.37	1.83	0.00	1	2	2	SYSC[339]QVM[147]HEGSTVEK	1
							2	QSNKYAASSYLSLTPEQWRSR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	11.06	0.69	0.18	3	3	2	EDDGASIVC[330]SVNHESLK	1
							2	LLLHC[330]EGR	1
							3	EKDTATLNC[330]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	4.73	*	*	*	1	2	QAPTSPRMTVHEGQELALGC[330]LARTSTQK	1

IL18R_HUMAN (Q13478) Interleukin-18 receptor 1 precursor (IL1 receptor-related protein) (IL-1Rrp) (CDw218a antigen) [MASS=62304]	0.00	9.98	1.08	0.00	1	3	2	VLEKHFQYKLC[339]IFER	1
							3	MNC[339]RELPLTLWVLISVSTAESC[330]TSR	1
							2	KADM[147]ADIPGHVFTR	1
IL18_HUMAN (Q14116) Interleukin-18 precursor (IL-18) (Interferon-gamma-inducing factor) (IFN-gamma-inducing factor) (Interleukin-1 gamma) (IL-1 gamma) (Ibocadakin) [MASS=22326]	0.00	8.81	0.37	0.00	1	1	3	M[147]AAEPVEDNC[330]INFVAMK	1
							3	KWKSSFQHHHLR	12
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	*	7.32	*	*	*	1			
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.03	*	*	*	1	2	YSMTSSAETPTIPLGSAVEAIK	2
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	0.00	2.55	1.81	0.00	1	2	2	TETSLPETEVDHNMVDNTEEDDDGELALWSPEVK	1
							2	NC[330]GNSVRMLVAR	2
INSR_HUMAN (P06213) Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) [Contains: Insulin receptor subunit alpha; Insulin receptor subunit beta] [MASS=156306]	0.00	0.72	0.07	0.00	1	1	2	KHFALERGC[330]R	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	5.63	0.57	0.00	1	2	2	LRAFTDNRDDM[147]ALGHVIVLLQQEWPR	1
							2	SYGDILHRMKDLC[339]R	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	*	2.91	*	*	*	2	2	LDC[339]ADALLKAGADVNKTDHSQR	1
							1	GTSGTKSTK	1

IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	*	2.95	*	*	*	1	2	KC[330]EQSTSATLGVR	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	1.06	*	*	*	1	2	C[339]LIDDEREM[147]PVK	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	*	7.31	*	*	*	5	2	PVIYISIEEIISTHSLLEHQDAIAPEK	1
							2	GGEMEILNNTDNQGIKSLSK	1
							3	SKFLGVEMEKVQLNIQDLLQM[147]QYEGVAVM[147]K	1
							2	PRYGSI VDDERLSAEEMDER	1
							2	QWVTLVVDVNQC[330]LEGKK	1
2	PRYGSI VDDERLSAEEM[147]DER	1							
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	5.70	*	*	*	2	3	LSIKTDVYSFGIVIMEVLTGC[339]R	1
3	FSWDEYEQYKKE	1							
IRK13_HUMAN (O60928) Inward rectifier potassium channel 13 (Potassium channel, inwardly rectifying subfamily J member 13) (Inward rectifier K(+) channel Kir7.1) [MASS=40529]	0.00	5.83	0.95	0.00	1	1	2	RTSYLPSEIMLHHC[330]FASLLTR	1
IRK6_HUMAN (P48051) G protein-activated inward rectifier potassium channel 2 (GIRK2) (Potassium channel, inwardly rectifying subfamily J member 6) (Inward rectifier K(+) channel Kir3.2) (KATP-2) (BIR1) [MASS=48451]	*	5.44	*	*	*	1	2	EELEIVVILEGMVEATGMTC[330]QAR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	*	2.77	*	*	*	2	2	C[339]SSC[330]RVRTASEGDGGAAGAAAAGAR	1
							3	TYSLTTPARQR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	*	1.60	*	*	*	1	3	DADGKSYNNQC[339]TM[147]C[330]KAK	1
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	*	10.00	*	*	*	1	1	AIVKSGGK	1

ITA11_HUMAN (Q9UKX5) Integrin alpha-11 precursor [MASS=133609]	0.00	1.43	1.43	0.00	1	1	2	FTNRAVLLSSGQELC[339]ER	1
ITA6_HUMAN (P23229) Integrin alpha-6 precursor (VLA-6) (CD49f antigen) [Contains: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain] [MASS=126618]	*	1.15	*	*	*	1	3	NPTKDGDDAHEAK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	*	2.93	*	*	*	1	3	LQYFGQALSGGQDLTQDGLM[147]DLAVGARGQVLLLR	1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	*	3.21	*	*	*	3	2	EELSHSPEPC[339]TKMTMR	1
							3	VAQRLNYPGK	1
							3	LLSSPRNPNTSSPLLAWEWDTK	1
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	*	2.75	*	*	*	2	2	WKSLEHFGHVAHLELQIR	1
							2	RADEALPGPAGHA AVR	1
JARD2_HUMAN (Q92833) Jumonji protein (Jumonji/ARID domain-containing protein 2) [MASS=138734]	0.00	1.28	4.08	0.00	1	1	2	YDEEQIISLVNQC[339]GK	1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.65	*	*	*	1	2	RPTVVDLVDWVDNMWPQHLKEK	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	0.00	3.74	1.46	0.00	1	4	2	NFQAVSQGSPSSVM[147]SAVNTMC[330]NTK	1
							3	LFKEC[330]WKQGQPAVVSGVHK	1
							3	HLMPTQIIPGSVLTDLDDAMHTLREKYGIK	1
							3	HLMPTQIIPGSVLTDLDDAM[147]HTLREKYGIK	1
							3	YVSYISPLSAVSVM[147]EDKLHKR	1
JUN_HUMAN (P05412) Transcription factor AP-1 (Activator protein 1) (AP1) (Proto-oncogene c-jun) (V-jun avian sarcoma virus 17 oncogene homolog) (p39) [MASS=35675]	0.00	15.71	0.32	0.00	1	2	3	MTAKMETTFYDDALNASFLPSESGPYGYSNPK	1
							2	VMNHVNSGC[330]QLM[147]LTQQLQTF	1
K0152_HUMAN (Q14165) Protein KIAA0152 precursor [MASS=32234]	0.00	10.27	1.19	0.00	1	1	3	LYIEFVKGYDNPVKVC[339]ALYIMAGTVDDVPK	1

2 NLGMVC[339]R 11

K0196_HUMAN (Q12768) Protein KIAA0196
[MASS=134286] 0.00 1.38 32.92 0.02 3 2

2 PSELMPKLK 1

K0310_HUMAN (O15027) Protein KIAA0310
[MASS=233516] * 0.92 * * * 1 2

2 ADSGPTQPPLSLSPAPETKR 1

K0889_HUMAN (O94964) Protein KIAA0889
[MASS=55760] * 5.41 * * * 1 2

2 TKSVMSSM[147]SEFESLLDC[330]SPYLAGGDARGK 1

K1024_HUMAN (Q9UPX6) UPF0258 protein
KIAA1024 [MASS=102992] * 2.40 * * * 1 3

3 SDC[339]DSSPEHNLTKIANGVPNSK 1

K1219_HUMAN (Q86X10) Protein KIAA1219
[MASS=166797] * 0.94 * * * 1 3

3 YSVKHRPFPEEVDK 1

K1267_HUMAN (Q7Z3B3) Protein KIAA1267
[MASS=120965] 0.00 3.71 0.88 0.00 1 2

2 C[330]SEQAFDSDVTDSSSGGESDIEEELTR 1
2 KAIAAEDPSLDFR 1

K6PP_HUMAN (Q01813) 6-
phosphofructokinase type C (EC 2.7.1.11)
(Phosphofructokinase 1) (Phosphohexokinase)
(Phosphofructo-1-kinase isozyme C) (PFK-C)
(6-phosphofructokinase, platelet type)
[MASS=85596] * 6.38 * * * 2

3 EIGWTDVGGWTGQGGSSILGTRVLP GK 1
3 VTILGHVQRGGTPSAFDRILASR 2

KAP2_HUMAN (P13861) cAMP-dependent
protein kinase type II-alpha regulatory subunit
[MASS=45387] 0.00 2.48 1.48 0.00 1 1

2 LLGPC[339]M[147]DIM[147]K 1

								3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								2	QETVDC[330]LKK	1
								3	NSKPVHTTILNPHIHLM[147]GDESAC[330]IAYIR	1
								2	STVASC[339]M[147]HR	3
KCC2A_HUMAN (Q9UQM7)								3	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
Calcium/calmodulin-dependent protein kinase								2	QETVDC[339]LKK	1
type II alpha chain (EC 2.7.11.17) (CaM-kinase	1.00	19.04	0.82	0.14	29	5		3	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
II alpha chain) (CaM kinase II alpha subunit)								3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	5
(CaMK-II subunit alpha) [MASS=54029]										
								2	STVASC[330]M[147]HR	3
								2	DGKWQIVHFHRSVLP	1
								3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								3	NSKPVHTTILNPHIHLM[147]GDESAC[339]IAYIR	1
								2	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
KCC2A_HUMAN (Q9UQM7)								2	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	3
Calcium/calmodulin-dependent protein kinase	1.00	19.04	0.82	0.14	29	5				
type II alpha chain (EC 2.7.11.17) (CaM-kinase								3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
II alpha chain) (CaM kinase II alpha subunit)										
(CaMK-II subunit alpha) [MASS=54029]										
KCC2B_HUMAN (Q13554)								3	NSKPIHTTILNPHVHVIGEDAAC[339]IAYIR	1
Calcium/calmodulin-dependent protein kinase								3	SRGAPAC[339]PSPAPFSPSPAPSPRISDILNSVR	1
type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM	1.00	14.16	1.02	0.14	4	4		3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	2
kinase II subunit beta) (CaMK-II subunit beta)								2	LC[339]TGHEYAAK	1
[MASS=72726]								3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1

KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	13.03	0.83	0.12	5	3	3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGMDFHR	1
							3	M[147]ASTTTC[339]TRFTDEYQLFEELGK	1
							3	IC[339]DPGLTAFEPEALGNLVEGM[147]DFHR	3
							2	STVASM[147]MHRQETVDC[339]LKK	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	0.99	8.06	1.06	0.23	2	2	3	TAPSAGM[147]QPQPSLC[339]SSAM[147]RK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCMB3_HUMAN (Q9NPA1) Calcium-activated potassium channel subunit beta 3 (Calcium-activated potassium channel, subfamily M subunit beta 3) (Maxi K channel subunit beta 3) (BK channel subunit beta 3) (Slo-beta 3) (K(VCA)beta 3) (Charybdotoxin receptor subu [MASS=31603]	0.00	5.38	0.30	0.00	1	1	2	VPYIEQHQQFKLC[330]IM[147]R	1
KCND3_HUMAN (Q9UK17) Potassium voltage-gated channel subfamily D member 3 (Voltage-gated potassium channel subunit Kv4.3) [MASS=73451]	0.00	2.75	1.34	0.00	1	1	2	SPSLSSHPLTTTC[339]C[339]SRR	1
KCNG2_HUMAN (Q9UJ96) Potassium voltage-gated channel subfamily G member 2 (Voltage-gated potassium channel subunit Kv6.2) (Cardiac potassium channel subunit) [MASS=51239]	0.00	6.65	2.78	0.00	1	1	3	LFAC[339]VSVSFVAVTAVGLC[339]LSTMPDIRAEEER	1
KCCKF_HUMAN (Q9H427) Potassium channel subfamily K member 15 (Acid-sensitive potassium channel protein TASK-5) (TWIK-related acid-sensitive K(+) channel 5) (Two pore potassium channel KT3.3) [MASS=36130]	0.00	14.85	0.81	0.10	2	2	3	RPARSVGSASVFC[330]HVHK	1
							3	AAGLVLC[330]TLC[330]YLLVGA AVFDAL ESEAESGRQR	1

								2	FC[339]TGLTQIETLFK	1
								2	FC[330]TGLTQIETLFK	2
								2	GFC[330]LPPHC[330]SR	6
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	23.62	0.73	0.12	14	5		3	SKDYEFM[147]WNPHLGYILTC[330]PSNLGTGLR	1
								2	LEQGQAIDDLM[147]PAQK	1
								3	LGFEVELVQMVVDGVKLLIEMEQR	2
								2	GFC[339]LPPHC[339]SR	4
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	6.21	*	*	*	2		2	LGYILTC[339]PSNLGTGLR	2
								2	GLSLPPAC[339]TR	3
								2	GLSLPPAC[330]TR	1
								2	HNNC[330]M[147]ASHLTPAVYAR	4
								3	HNNC[339]M[147]ASHLTPAVYAR	4
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	6.47	1.58	0.05	19	2		3	HTTDLASKIR	1
								3	HNNC[330]M[147]ASHLTPAVYAR	3
								2	HNNC[339]M[147]ASHLTPAVYAR	4

KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	0.00	3.04	10.91	0.00	1	1	3	M[147]TSGRSGVGVAVTMEPC[339]RK	1
KGP2_HUMAN (Q13237) cGMP-dependent protein kinase 2 (EC 2.7.11.12) (CGK 2) (cGKII) (Type II cGMP-dependent protein kinase) [MASS=87432]	0.00	2.49	1.21	0.00	1	1	2	YVYM[147]LLEAC[330]LGGELWSILR	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	0.00	5.31	1.71	0.00	1	10	2	ATLLQQRREGEMK	1
							2	TPSVGKAM[147]DTPK	1
							2	PELFDENLPPNTPLKRGEAPTK	1
							2	GQNLLQTQDHAKAPKSEK	1
							2	GKGEAGNSDSM[147]C[339]LRSR	1
							2	QMLDPANYGTGMRWPR	1
							2	VLNNFISNQKMDFKEDLSGIAEMFK	1
							1	RGGERVATC[339]LQK	1
							2	EEPSAVKFTQTSGETTDADKEPAGEDK	1
							2	AQPLEDLAGWK	1
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Klp) [MASS=204431]	0.00	1.32	0.98	0.00	1	1	2	SFSFDYSYWSHTSPEDPC[339]FASQNR	1
KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	0.00	3.45	0.66	0.00	1	2	3	C[339]HDQLTGLDSEKVKISLVDLAGSER	1
							2	C[330]HDQLTGLDSEK	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	*	3.53	*	*	*	1	3	LPC[339]ALGAYWGLVQWTKSGLALGGQR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	0.96	2.21	0.31	0.00	1	1	2	GTRPAPGGC[330]IQPR	1
KLDC5_HUMAN (Q9P2K6) Kelch domain-containing protein 5 [MASS=56867]	0.00	4.75	0.31	0.00	1	1	2	QQM[147]VSVEETIYIVGGC[330]LHELGPNR	1
KLF11_HUMAN (O14901) Krueppel-like factor 11 (Transforming growth factor-beta-inducible early growth response protein 2) (TGFB-inducible early growth response protein 2) (TIEG-2) [MASS=55139]	0.00	8.98	1.33	0.00	1	2	2	AC[339]TATDVLQSSAVVAR	1
							3	GTSVIRHTGESPAAC[339]FPTIQTPDC[330]RLSDSR	1

KLH17_HUMAN (Q6TDP4) Kelch-like protein 17 (Actinfilin) [MASS=69874]	0.00	3.58	0.52	0.00	1	2	2	HYHDAFVAMSRM[147]R 2 WVAASC[330]M[147]FTR	1 1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	*	2.53	*	*	*	1	2	YETQQQK	1
KLKB1_HUMAN (P03952) Plasma kallikrein precursor (EC 3.4.21.34) (Plasma prekallikrein) (Kininogenin) (Fletcher factor) [Contains: Plasma kallikrein heavy chain; Plasma kallikrein light chain] [MASS=71369]	*	4.23	*	*	*	1	2	TSESGTPSSSTPQENTISGYSLLTLC[330]KR	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	1.86	*	*	*	3	1 3 2	KLQGQIK LMKFSLDTLYVSTAKHVFEK TSVDILKILC[330]DIQK	1 1 1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	*	5.37	*	*	*	2	2 3	DAKNLIPMDPNGLSDPYVK KDVVIQDDDDVEC[330]TM[147]VEK	1 1
KPCT_HUMAN (Q04759) Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) [MASS=81864]	*	5.67	*	*	*	3	2 2 2	C[330]DAC[330]GM[147]NVVHRC[339]QTK IEDFILHKMLGKGSFGK FKIDMPHR	1 1 1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	11.51	0.70	0.03	3	4	1 2	KVLGEK GK NTGIIC[330]TIGPASR	1 2
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]	*	6.24	*	*	*	2	3 2	ALGC[330]LGSRLC[339]NVGFGR NKLLETKWVFM[147]QQQR	1 1
KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	0.00	4.09	1.67	0.00	1	2	3 3	TMDYLHSQGVVHR NPC[339]NRLGAGIDGVVEIK	2 1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	6.76	*	*	*	3	1 2 3 3	HAVRTPPR TQPAEAIWQM[147]GTGM[147]KPNLSQIGM[147]GK EISDILLFC[339]WAFEQEERPTFTK TQPAEAIWQM[147]GTGM[147]KPNLSQIGM[147]GK	1 1 1 1

L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	7.32	0.67	0.01	2	5	2	HIHKDHVVVPANTTSVILSGLR	1
							2	C[330]EASGKPEVQFR	1
							1	DGVHFK	3
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.30	14.29	1.57	0.00	1	1	2	C[339]FASNKLG TAM[147]SHEIRLM[147]AEGAPK	1
							3	ETVKPVEVEEGESVVLPC[330]NPPPSAEPLR	1
LARP1_HUMAN (Q6PKG0) La-related protein 1 (La ribonucleoprotein domain family member 1) [MASS=123509]	0.00	7.85	1.23	0.00	1	4	3	C[339]PSQSSSRPAAMISQPPTPTGQPVREDAK	1
							2	RDFVEAPPPK	1
							2	C[330]PSQSSSRPAAMISQPPTPTGQPV R	1
							3	GLSASLPDL DSENWIEVKKR	1
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	0.00	1.50	0.23	0.00	1	1	2	QDSM[147]DFSNEWGDPSSC[330]R	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	5.42	*	*	*	1	2	IM[147]SGVYSQGM MADLLFEQQM[147]VEK	1
LCB2_HUMAN (O15270) Serine palmitoyltransferase 2 (EC 2.3.1.50) (Long chain base biosynthesis protein 2) (LCB 2) (Serine-palmitoyl-CoA transferase 2) (SPT 2) [MASS=62924]	*	10.68	*	*	*	2	3	C[339]HHATEREEQKDFVSLYQDFENFYTR	1
							3	EMGFIIYGNEDSPVVLMLYM[147]PAKIGAFGREM[147]LK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	3.06	*	*	*	1	3	AVRHC[339]VRAFLEQIGAPQAALR	1
LDB1_HUMAN (Q86U70) LIM domain-binding protein 1 (Carboxyl-terminal LIM domain-binding protein 2) (CLIM-2) (LIM domain-binding factor CLIM2) [MASS=42809]	*	13.33	*	*	*	2	2	RKMSGGSTMSSGGGNTNNSNSK	1
							3	C[339]GLSNSTLNLYRLC[330]VILEPM[147]QELMSRHK	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	12.65	*	*	*	3	3	LKGETM[147]DLQHGSPPFM[147]K	1
							2	GETMDLQHGSPPFM[147]K	1
							2	VIGSGC[330]NLDSAR	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	9.61	0.68	0.18	2	2	2	LNLVQRNVNFK	1
							2	GM[147]YGIENEVFLSLPC[330]ILNAR	1

LEF1_HUMAN (Q9UJU2) Lymphoid enhancer-binding factor 1 (LEF-1) (T cell-specific transcription factor 1-alpha) (TCF1-alpha) [MASS=44200]	0.00	9.02	0.23	0.00	1	1	3	M[147]PQLSGGGGGGGDPELC[330]ATDEM[147]IPFKDEGDPQKEK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	20.15	0.86	0.09	4	2	2	DSNNLC[330]LHFNPR	1
							2	FNAHGDANTIVC[330]NSK	1
							2	DSNNLC[339]LHFNPR	2
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	*	4.02	*	*	*	1	3	TIIIKGYVPPTGK	3
LEPR_HUMAN (P48357) Leptin receptor precursor (LEP-R) (OB receptor) (OB-R) (HuB219) (CD295 antigen) [MASS=132449]	0.00	4.64	3.41	0.00	1	2	2	HQSDAGLYVIVPVISSSILLLGLLLISHQRMK	1
							3	M[147]TC[330]RWSTSTIQSLAESTLQLR	1
LGI1_HUMAN (O95970) Leucine-rich glioma-inactivated protein 1 precursor (Epitempin-1) [MASS=63818]	*	3.23	*	*	*	1	2	C[339]PAVC[330]JTC[339]TKDNALC[339]ENAR	1
LGI3_HUMAN (Q8N145) Leucine-rich repeat LGI family member 3 precursor (Leucine-rich glioma-inactivated protein 3) (LGI1-like protein 4) [MASS=61704]	*	4.74	*	*	*	1	3	ARGGPGPGLLALSALGFC[330]LM[147]LQVSAK	1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	*	3.54	*	*	*	1	2	AFAHITMAGRRFLFAAC[330]FK	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	0.00	8.06	3.74	0.00	1	3	2	SAYNTSPK	1
							3	WGQYFRNMK	1
							2	EIPLC[339]AGC[339]DQHILDR	1
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	0.00	3.69	1.13	0.00	1	3	1	ADGVSVR	1
							3	M[147]TVVKRQAQSPGGVSSEVEVLK	1
							2	MM[147]C[330]EVM[147]PTISEDGRR	1

LIPB2_HUMAN (Q8ND30) Liprin-beta-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2) (PTPRF-interacting protein-binding protein 2) [MASS=98444]	0.00	7.08	0.44	0.00	1	3	2	M[147]ASDASHALEAALEQM[147]DGIIAGTK	1
							3	KAEELLQELRHLK	1
							2	QEM[147]PPRC[330]SSPTVGPPLPQKSLETR	1
LMO4_HUMAN (P61968) LIM domain transcription factor LMO4 (LIM domain only protein 4) (LMO-4) (Breast tumor autoantigen) [MASS=17994]	0.00	12.12	0.57	0.00	1	1	2	IADRFLLYAMDSYWHSRC[330]LK	1
LOX15_HUMAN (P16050) Arachidonate 15-lipoxygenase (EC 1.13.11.33) (Arachidonate omega-6 lipoxygenase) (15-LOX) [MASS=74673]	*	3.63	*	*	*	1	2	RSAHLPARLVFPPGMEELQAQLEK	1
LPP1_HUMAN (O14494) Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a) (Phosphatidate phosphohydrolase type 2a) (PAP2a) (PAP-2a) (PAP2-alpha) [MASS=32156]	0.00	10.56	0.90	0.00	1	1	3	MFDKTRLPHYVALDVLC[330]VLLAGLPFAILTSR	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.00	2.20	1.41	0.00	1	2	2	AENQPIR	1
							2	EVQM[147]HSFPLQFTLHC[339]ALLANK	1
LRC19_HUMAN (Q9H756) Leucine-rich repeat-containing protein 19 precursor [MASS=42334]	0.00	4.05	5.72	0.05	2	1	3	C[339]PIWYNILLSYNHHR	2
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	0.00	11.84	0.61	0.00	1	3	3	VLDLSGNALEALPPGQGLGPAEPPGLPQLQSLNLSGNR	1
							2	GKGRAEGSEK	1
							2	TLDLSNNQLSEIPAELADC[330]PK	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	0.00	5.86	2.47	0.00	1	1	2	LLLLLLFGVAGGLVAC[339]R	1
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	0.00	2.76	1.09	0.00	1	1	3	FLAILVYNLVYVEKISFLVAC[339]R	1

LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	2.72	*	*	*	6	3	NTHGSYTC[339]SC[330]VEGYLMQPDNRSC[330]K	1
							2	LDGSLRRTLIAGAMEHPRAIALDPR	1
							2	TKSLSRAHK	3
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	0.00	2.19	0.66	0.00	1	6	3	PRDIAVDWVAGNIYWTDHSR	1
							3	YSINVGQLNGPNC[339]TRLLTNMAGEPYAIAVNP	1
							2	C[339]DMDGM[147]NRTRIIDSK	1
							3	SMAMSEDFVM[147]EM[147]GK	1
							3	C[339]ISYKVC[330]DGILDC[330]PGR	1
							3	VGM[147]DGTNKSVIISTK	1
LRRC7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	*	4.03	*	*	*	3	2	ESTEIPSPFSPGVPWEYHDSNPNR	1
							3	EIGSC[330]KNVTVMSLRSNK	1
							3	SM[147]C[339]TPLPVAQSTTLPSLSGR	1
LRSM1_HUMAN (Q6UWE0) Ubiquitin ligase protein LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) (hTAL) [MASS=83593]	*	6.50	*	*	*	2	2	NRLIQM[147]AYESQRQNLVQQAC[330]SSM[147]AEM[147]DER	1
							2	IRM[147]EQLMSITQEETESLR	1
							3	NRLIQM[147]AYESQRQNLVQQAC[339]SSM[147]AEMDER	1
LRTM3_HUMAN (Q86VH5) Leucine-rich repeat transmembrane neuronal protein 3 precursor [MASS=65896]	*	9.47	*	*	*	2	3	PTNTETSEMLLNGTGPC[330]TYNK	1
							3	SFETNAQEDTMETHLETELDLSTITTAGRISDHK	1
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	*	9.17	*	*	*	1	3	HSLEYSRLRIQKVDVYDEGSYTC[339]SVQQTQHEPK	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	1.00	*	*	*	1	3	QPC[330]GSNPLPGLTK	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	5.56	*	*	*	2	2	GVQLWRVPGPGQYLISAYGAAGGKGAK	1
							2	GGAAGGGGGWTSRAPSPQAGR	1
LV1E_HUMAN (P01703) Ig lambda chain V-l region NEWM [MASS=10904]	0.00	18.45	0.55	0.00	1	1	2	VTISC[330]TGSSSNIGAGNHVK	1
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	*	1.10	*	*	*	2	3	GLKWGEYVGSAPSAPVAVVC[339]FSQPHGER	1
							2	WIYMLSSVFQKQFYR	2

LYZL4_HUMAN (Q96KX0) Lysozyme-like protein 4 precursor [MASS=16433]	0.00	26.71	0.16	0.00	1	2	2	C[330]HMSC[330]SALLNPNEKTIK	1
							3	C[330]HMSC[339]SALLNPNEKTIKC[339]AK	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.65	12.78	1.57	0.09	2	2	2	QATYTTTTRLGIYTVLFRERLTGADGTPPGFLLK	1
							2	GC[339]IPTM[147]AR	2
M3K13_HUMAN (O43283) Mitogen-activated protein kinase kinase kinase 13 (EC 2.7.11.25) (Mixed lineage kinase) (MLK) (Leucine zipper-bearing kinase) [MASS=108295]	0.00	5.18	0.88	0.00	1	3	1	HYSSATW	1
							3	ANNLYMELSAIMLQLEM[147]R	1
							2	SGSGSGGFLEGLFGC[339]LRPVVNIIGK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	4.22	*	*	*	2	3	LEVFRAEELMAC[339]AGLTSPRIVPLYGAVR	1
							3	SSSWNM[147]VLARGR	1
							2	LVSDANEQYK	1
							2	VIAQLEIRQSELESIQEVLGDYR	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	3.48	0.82	0.00	1	10	2	EM[147]FSQLADLDDELDDGMGAIGR	1
							2	SKAMLNEVEK	1
							3	ERLEKLEDAMQAAVQYQDTLQAMFDWLDNTVIK	1
							3	NDEC[339]VLEDNSQR	1
							2	EFQESFK	1
							2	RVDVNSAVAMGEVILAVC[339]HPDC[330]ITTIK	1
							2	LM[147]LLSRDDSGSGSKTEQSVALLEQK	1
							2	DSVLFVADRLRLEEEVEAC[339]K	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	1.01	*	*	*	3	2	ELQDALALISRLTESR	1
							2	RLISPELANMIQIDSSEFSDDR	1
							2	TTVETEDSSVENPEQDLFVEQK	1
MAOM_HUMAN (P23368) NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Malic enzyme 2) [MASS=65443]	*	8.56	*	*	*	2	2	EKYC[330]TFNDDIQGTAVALAGLLAAQKVISK	1
							2	PDRC[330]LPVC[339]IDVGTDNIALLK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	*	4.47	*	*	*	1	3	PRGLFITIHDKGHLATM[147]LNSWPEDNIK	1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	*	2.75	*	*	*	3	2	ELVLSSPEDLTQDFEEM[147]KREER	1
							2	PDVC[330]M[147]ADPEGLSSESGRXER	1
							3	AIVFEIMEAGEPTGPILGAEALPGGLRTPQEPGK	1

MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	*	4.16	*	*	*	3	3 DQEPTTDM[147]LKQDSFPVSLEQAVTDSAM[147]TSKTLEK 2 VLEEEKEAINQETVQQR 3 ESVHESIDTM[147]SPM[147]HKNGDKEFQTGK	1 1 1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	*	9.23	*	*	*	2	2 GAMGM[147]PGAPGPPGPPAEK 2 DGATGSPSGPQGGPPGVKGEAGLQGGPQGAPGK 3 DGATGSPSGPQGGPPGVKGEAGLQGGPQGAPGK	1 1 1
MARK4_HUMAN (Q96L34) MAP/microtubule affinity-regulating kinase 4 (EC 2.7.11.1) (MAP/microtubule affinity-regulating kinase-like 1) [MASS=82519]	*	5.45	*	*	*	2	2 RKDSTSTPNLPPSM[147]MTR 3 VPPASPSHSLAPSGERSRLAR	1 1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	*	3.12	*	*	*	2	3 SRSLSPGRSPSSYDNEIVM[147]M[147]NHVYK 2 MYFAETVLALEYLHNYGIVHRDLK	1 1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	5.35	*	*	*	3	2 ATGTFDNEIVMM[147]NHVYR	4
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	2.60	*	*	*	2	2 VPKSASVSALSIIITADDGSGGPLMSPLSPR 3 LLQDAHERSDSEEVSFIVQLVR	1 1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	*	3.64	*	*	*	1	2 RLLPSVWSESEDGAGSPPPYRR	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	*	7.82	*	*	*	2	2 AQEIAMQNR 3 DGAKMVAAVAC[330]AQVPKITLIIGGSYGAGNYGMC[339]GR	1 1
MCLN2_HUMAN (Q8IZK6) Mucolipin-2 [MASS=62684]	*	2.04	*	*	*	1	3 IGLKVC[330]KQHYK	3

MCLN3_HUMAN (Q8TDD5) Mucolin-3 [MASS=64247]	0.00	3.80	5.74	0.00	1	1	3	C[339]NFNQQTSPSEELLLEDQMRR	1
MCM3_HUMAN (P25205) DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (RLF subunit beta) (P102 protein) (P1-MCM3) [MASS=90980]	*	4.08	*	*	*	2	2 2	EKMVSAAFMKK MSDM[147]DRTAIHEVMEQGRVTIAK	1 1
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1- CDC46) [MASS=82285]	*	0.68	*	*	*	1	1	YIIMR	1
MCM7_HUMAN (P33993) DNA replication licensing factor MCM7 (CDC47 homolog) (P1.1- MCM3) [MASS=81307]	*	1.53	*	*	*	1	3	GSRFIKFQEMK	1
MCPT1_HUMAN (P23946) Chymase precursor (EC 3.4.21.39) (Mast cell protease I) [MASS=27325]	0.20	24.70	2.79	0.04	2	4	3 2 2	LRLM[147]DPQAC[330]SHFR GDSGGPLLC[339]AGVAQGIVSYGR M[147]LLLPLLLLFLLC[339]SR	1 1 3
MCR_HUMAN (P08235) Mineralocorticoid receptor (MR) [MASS=107067]	0.00	2.13	0.23	0.00	1	1	2	LMDPQAC[330]SHFR LLDSM[147]HDLVSDLLEFC[330]FYTFR	1 1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	*	2.44	*	*	*	2	3 2	RGAGNGVVPAGVILER TPEPVVPTAPELQPSTSTDQPVTSEPTSQVTRGRK	1 1
MDGA1_HUMAN (Q8NFP4) MAM domain- containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.78	*	*	*	1	2	M[147]EVTC[330]LLLLALIPFHC[339]R	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.65	2.10	0.53	0.00	1	1	2	AIC[330]DHVR	1

								3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
								1	GYLGPEQLPDC[339]LK	1
								2	EGVVEC[339]SFVK	1
								2	TIIP LISQC[339]TPK	2
								2	SQETEC[339]TYFSTPLLLGK	1
								2	GYLGPEQLPDC[339]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.62	0.05	15	6		2	GYLGPEQLPDC[330]LK	1
								2	GC[330]DVVVIPAGVPR	2
								2	GC[339]DVVVIPAGVPR	4
								1	GELDQR	1
								3	C[339]VVSIRDILSWVNF MNKM[147]GEEAALK	1
								3	SHDTLVRWYTANC[339]LALVTC[330]MNEEHK	1
								2	KM[147]C[330]LTFM[147]KESPLPR	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.13	*	*	*	7		2	WYTANC[330]LALVTC[330]MNEEHK	1
								2	SFPLSSPISK	4
								3	DGQILVYC[339]LNRMSMKTSSWTR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	2.19	*	*	*	2		3	GQTLALVGSSGC[339]GK	1
								2	VKEHGTHQQLLAQK	1
								3	QPKTFTVRIVTMDAEM[147]EFNC[330]EMK	1
								3	LLAQKAAEAEQEMQR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	15.29	*	*	*	5		2	MAGAIASRMSFSSLKR	1
								2	LLQMKEEATM[147]ANEALMR	1
								3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
								2	TFTVRIVTMDAEMEFNC[330]EM[147]K	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	5.28	0.46	0.00	1	2		2	HM[147]AEVNASPLK	1
								2	C[330]STAITNSLQTM[147]QQDM[147]IDGLKPLLPVSVR	1

MFRN1_HUMAN (Q9NYZ2) Mitoferrin-1 (Mitochondrial iron transporter 1) (Solute carrier family 25 member 37) (Mitochondrial solute carrier protein) [MASS=37828]	0.00	6.92	1.50	0.00	1	1	2	GVNVM[147]IMGAGPAHAM[147]YFAC[339]YENMK	1
							3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	2
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	2
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.56	0.04	11	2	2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	2
							2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	3
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	4.53	*	*	*	1	2	SSTFWLRASFGATVFAVLGFAM[147]YKALLK	1
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.81	14.25	0.49	0.00	1	2	3	ASTLEAMRDVYIVQDLMETDLYKLLK	1
							3	HYLDQLNHILGILGSPSQEDLNC[330]IINMK	1
MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	0.00	10.70	1.37	0.00	1	2	3	IGVTLM[147]EPLTKMTGTQPIGSLGSIC[330]PNSYGSVK	1
							3	QLISDHVDLVLVC[330]QKVIHPSLKQFLNMHR	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	*	4.76	*	*	*	2	2	VFGGMNEENM[147]TELLSSGLKNDYNK	1
							3	LC[330]RPSKDYLLR	2

MMAH_HUMAN (Q96EY8) Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial precursor (EC 2.5.1.17) (Cob(I)alamin adenosyltransferase) (Methylmalonic aciduria type B protein) [MASS=27388]	*	16.00	*	*	*	2	3	AGPILELEQWIDKYTSQLPPLTAFILPSGGK	1
							2	PQPSSKTPR	1
MMP17_HUMAN (Q9ULZ9) Matrix metalloproteinase-17 precursor (EC 3.4.24.-) (MMP-17) (Membrane-type matrix metalloproteinase 4) (MT-MMP 4) (Membrane-type-4 matrix metalloproteinase) (MT4-MMP) [MASS=67006]		0.00	5.28	1.78	0.00	1	2	DWLVC[339]GDSQADGSVAAGVDAAEGPR	1
							1	QAPAPTK	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]		1.00	12.34	1.26	0.06	3	3	LLQDSGAPDGTLNIIHGQHEAVNFIC[330]DHPDIK	1
							2	AISFVGSNKAGEYIFERGSR	1
							3	LLQDSGAPDGTLNIIHGQHEAVNFIC[339]DHPDIK	3
							2	RAFPAWADTSVLSR	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	17.41	*	*	*	2	2	NATGM[147]EVGWYRPPFSRVVHLYR	1
							2	ISPGKNATGMEVGWYRPPFSR	1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	*	3.92	*	*	*	2	2	PANTLVKTASR	1
							3	IEPDTTALSTNHETIDLLVQILRNC[339]LR	1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	*	5.54	*	*	*	3	3	ESVPRRHLESGTNSYATR	1
							2	RQC[330]HM[147]FTDQIKVLQQR	1
							2	ANNM[147]GVGVVGIIEC[330]NFLK	1
							2	VTTQMIAKSLANVEYDTYK	1
MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	13.23	*	*	*	6	2	KAVESWNPVPYVASAAIPAAAIGEK	1
							3	RC[330]SVPEEQELTDEDLC[330]LSK	1
							2	VQHELVIYSTQEAEGLYWSKK	1
							2	YLSNSSSHTR	1
							3	SC[330]LFTDDGC[339]GM[147]TPHKLHRM[147]LSFGFTDK	1
MPIP1_HUMAN (P30304) M-phase inducer phosphatase 1 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25A) [MASS=59086]	*	5.92	*	*	*	2	2	IHSLPQKLLGC[330]SPALK	1
							3	SM[147]SGASPKESTNPEK	1

MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD [MASS=274274])							3	DGSPC[339]PSKSGLSYK	1
							3	TWNLGLSNAKLSYYDGMQLNYR	1
							2	YASAC[330]QMK	1
	*	3.41	*	*	*	7	2	LTYENGLLK	1
							2	GTQRPVFLK	2
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma [MASS=172517])							3	LALGTEEGLFVIHLRSNDIFQVGEC[339]R	1
							2	LGRGGLDDFR	1
	*	5.80	*	*	*	5	2	NVGTQTLPAR	1
							3	RVQQLTLSPSAGLLVVLG[339]GRGPSVR	1
							2	QSQUALQELAMLREELRAR	1
MRIP_HUMAN (Q6WCQ1) Myosin phosphatase Rho-interacting protein (Rho-interacting protein 3) (M-RIP) (RIP3) (p116Rip) [MASS=116445]	0.00	6.84	1.04	0.00	1	3	3	QC[339]QRENQELNAHNQELNNR	1
							3	EIVSGWLEMLM[147]VYPRTNKQNK	1
							2	YALDEM[147]PTTLPQGTINM[147]NQC[339]TDVVDGEGR	1
MSH2_HUMAN (P43246) DNA mismatch repair protein Msh2 (MutS protein homolog 2) [MASS=104742]	0.00	5.14	*	*	*	2	2	MAVQPKETLQLESAAEVGFVR	1
							3	KGEMNSAVLPEM[147]ENQVAVSSLSAVIK	1
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	9.79	0.58	0.00	1	2	1	HHVNGNR	1
							2	RAC[330]QLLLLHSLFPVPR	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	*	1.85	*	*	*	1	2	VWDPNSPLTDR	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	0.48	6.43	0.90	0.00	1	2	2	C[330]M[147]VQFVGR	1
							2	KVVKETSYEM[147]MM[147]QC[339]VSR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.96	6.93	1.28	0.00	1	1	2	QVC[339]QLPGLFSYAQHIASIDGR	1

MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	0.00	4.01	12.62	0.04	2	3	3	VGYGTSQSC[339]SLLPSQVPFETR	1	
							2	LVQHTYSC[339]LFGTFLC[339]NNAK	1	
							2	SC[339]LVNSGK	1	
MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	*	12.93	*	*	*		2	MKAIGWGK	1	
							3	AIGWGKTLTDQVLEDVDQC[330]C[330]QALSQR	1	
MUTYH_HUMAN (Q9UIF7) A/G-specific adenine DNA glycosylase (EC 3.2.2.-) (MutY homolog) (hMYH) [MASS=60069]	0.00	9.16	1.04	0.00	1	3	3	DVAEVTAFRGSLLSWYDQEKR	1	
							2	KVFRVYQGQPGTC[339]MGSK	1	
							2	KQAASQEGRQK	1	
							3	DGLPAHIGSM[147]AQRAYWALLNQRR	1	
							3	AAAAFAQLQGAMEM[147]LGISESEQR	1	
							3	TPC[330]GSQASTEILAPKAEK	1	
							2	SSIHFEETEEANRSFSLSGIKTILK	1	
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	0.00	7.79	0.35	0.00	1	10	2	TQFSSC[330]ESLLESRPSMGR	1	
							2	FSM[147]VM[147]SLDFNATGR	1	
							3	C[330]HHLTC[339]DLEDTC[339]VLLENQQRNHELEK	1	
							2	GDVAC[330]QVLESEARAER	1	
							2	TELNLHQMADSSSFMGVWSKPEDK	1	
							2	SLFQARAKLPPVC[339]JR	1	
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	*	2.57	*	*	*		1	2	TVAC[330]GGTRDQLFMQEKAR	1
							3	SPVRC[339]IATTR	7	
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	2.15	*	*	*		6	2	LISAHSSLSK	3
							3	EM[147]IPLDLLLAVPVPGVNIEEHLQLR	1	
							2	ALMRLEYEGLHK	1	
							2	SNNGTDVNAGQIPQLLYR	1	
							2	PAM[147]IGSLTDGSTETFWESGDEDKNK	1	

MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	*	2.83	*	*	*	4	2	GDEVMVELAENGKK	2
							1	DRAEAEAR	1
							2	YLFVDRAVIYNPATQADWTAK	1
							2	LEEKALAYDKLEK	1
MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	*	9.18	*	*	*	1	3	MLDFETFLPILQHISRNK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	*	1.85	*	*	*	1	3	QIC[330]DGILFM[147]HK	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	*	2.41	*	*	*	3	3	GGPKVVFVGNWSDSDMSTRPQPQEHM[147]PK	1
							3	PDPHEEALMILKGQMTHLAAAPGTQVSREAVLVK	1
							2	AHTVAAKFQQSLLDLVEKMER	1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	*	1.95	*	*	*	1	2	LEDTVKHHPHFLTHKLADQR	1
							3	FGKYIDIHFNKR	2
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	0.00	4.11	0.74	0.00	1	5	2	NYHVFYC[339]MLEGMSEDQKK	1
							2	QRGDFPTDC[339]VYVM[147]PTVTM[147]PPR	1
							3	PLKQPLLYHDDEGDQLAALAVWITILR	1
							3	EEAKLAFKLIFK	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	3.21	*	*	*	2	2	SPRYAVFDLM[147]EGKSYVFR	1
							3	DGSLIC[339]QAAEPGKYRIESNYGVHTLEINR	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	0.00	5.25	0.60	0.00	1	3	2	VYTENIC[339]GLSDSPGVSKNTARILK	1
							1	EDSFK	1
							3	ITSVGEDWAILVWEPPMYDGGKPVGTGYLVER	1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	0.00	5.02	0.72	0.00	1	2	3	HHLIINEAMLEDAGHYALC[330]TSGGQALAEIVQEK	1
							3	PLEDQLVMVGQRVEFEC[330]EVSEEGAQVKWLK	1

								2	VC[339]GSNLLSIC[339]JK	2
								2	VC[330]GSNLLSIC[330]JK	3
								2	TTIC[330]GK	1
								2	VC[339]HC[339]LGK	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	22.10	1.35	0.08	13	5		2	TSASIGSLC[330]ADAR	2
								2	M[147]YGVLPWNAFPGKVC[330]GSNLLSIC[339]JK	1
								2	VC[330]HC[330]LGK	1
								2	TSASIGSLC[339]ADAR	3
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	4.19	0.72	0.00	1	5		3	GM[147]WIC[330]QIC[330]RPR	1
								2	LSSQDVLRC[330]QSSSK	1
								3	YEIHTWYSSYPQEYSRLPK	1
								2	YTNPIGRPK	1
								3	PEELISC[339]ADC[330]GNSGHPSC[339]LKFSPELTVRVK	1
MZF1_HUMAN (P28698) Myeloid zinc finger 1 (MZF-1) (Zinc finger protein 42) (Zinc finger and SCAN domain-containing protein 6) [MASS=82036]	0.00	5.18	0.23	0.00	1	2		2	RIHTGERPYAC[330]PEC[330]GK	1
								2	LRFRC[339]FHYYEATGPQEALAQLR	1
N2DL4_HUMAN (Q8TD07) NKG2D ligand 4 precursor (NKG2D ligand 4) (NKG2DL4) (N2DL-4) (Retinoic acid early transcript 1E) (Lymphocyte effector toxicity activation ligand) (RAE-1-like transcript 4) (RL-4) [MASS=30122]	*	15.59	*	*	*	2		2	PQIKTSDPSTLQVEMFC[330]QREAER	1
								2	SLSRPGQPWC[339]EAQVFLNK	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	0.00	4.60	0.70	0.00	1	1		3	APGTLPEADPSARPEEEARWEVC[330]QK	1
NAB1_HUMAN (Q13506) NGFI-A-binding protein 1 (EGR-1-binding protein 1) (Transcriptional regulatory protein p54) [MASS=54401]	*	8.42	*	*	*	2		2	C[330]AATTC[330]VQSLGQGKSDVVGSLALQSVGESR	1
								3	SDLNEVKELLK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	*	1.09	*	*	*	1		2	LM[147]TGAGNVLR	1

NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	*	1.23	*	*	*	1	2	LRVLWLFGMDLNK	1
NALP2_HUMAN (Q9NX02) NACHT, LRR and PYD-containing protein 2 (PYRIN domain and NACHT domain-containing protein 1) (PYRIN-containing APAF1-like protein 2) (Nucleotide-binding site protein 1) [MASS=120515]	*	1.60	*	*	*	1	3	GEDPVPTC[330]LTRTGLFLR	1
NALP5_HUMAN (P59047) NACHT, LRR and PYD-containing protein 5 (Mater protein homolog) [MASS=134235]	*	2.83	*	*	*	2	2	NAQITPGVQHLWRIVM[147]ANRNLR	1
NBN_HUMAN (O60934) Nibrin (Nijmegen breakage syndrome protein 1) (Cell cycle regulatory protein p95) [MASS=84958]	0.58	7.03	0.63	0.00	1	4	2	TSSNNNSM[147]VSNTLAKMR	1
							2	DEENQEMSSC[330]K	1
							2	IPNYQLSPTKLPKLSINKSK	1
							1	KQIFKGG	1
							2	FFLC[330]QVAGDAK	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	8.49	0.47	0.21	7	4	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							2	KVDKNDDEAEYIC[330]IAENK	2
							3	C[339]VVTGEDGSESEATVNVKIFQK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	3
							2	DSTGSLPGSGSTHGTSLKEKHK	1
NCOA2_HUMAN (Q15596) Nuclear receptor coactivator 2 (NCoA-2) (Transcriptional intermediary factor 2) [MASS=159156]	0.39	5.94	0.93	0.00	1	5	3	ILHRLLDSSSPVDLAK	1
							3	ETNDPNLPPAVSSER	1
							2	EEGEDLQSC[330]LIC[330]VAR	1
							2	QRQMHQQQVQQRTLML[147]MR	1
							3	SNSIPGARPVLQQQQM[147]LQM[147]R	1
NCOA3_HUMAN (Q9Y6Q9) Nuclear receptor coactivator 3 (EC 2.3.1.48) (NCoA-3) (Thyroid hormone receptor activator molecule 1) (TRAM-1) (ACTR) (Receptor-associated coactivator 3) (RAC-3) (Amplified in breast cancer-1 protein) (AIB-1) (Steroid receptor coacti [MASS=155292]	0.00	5.83	0.91	0.00	1	4	2	AM[147]M[147]EEGEDLQSC[330]MIC[330]VARR	1
							2	EQGKTISNDDDVQKADVSSSTGGVIDK	1
							2	LPC[330]DTPGQGLTC[330]SGEK	1

NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117])	0.00	0.73	*	*	*	1	3	M[147]EAGFPM[147]ASGPGIIR	1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	2.66	*	*	*	3	2	GIIDLTM[147]PPTILVPHPGGTSTPPM[147]DR	1
							3	STLHEAPKAQLSPGIYDDTSAR	1
							1	RVKFINM[147]NGLMEDPM[147]K	1
							3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	2
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	11.86	0.64	0.25	4	2	2	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
							3	C[330]PVM[147]LVVGDQAPHEDAVVEC[330]NSK	1
							2	IHLC[339]QR	3
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.88	0.02	5	1	2	IHLC[330]QR	2
							2	TTGLVGLAVC[339]NTPHER	1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.31	0.02	2	1	2	TTGLVGLAVC[330]NTPHER	1
							2	TTGLVGLAVC[339]NTPHER	1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	13.39	*	*	*	1	2	NWASGHDLQGKLQLR	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	24.56	1.82	0.05	5	3	2	AAAHHYGAQC[330]DKPNK	1
							3	AAAHHYGAQC[339]DKPNK	1
							2	AAAHHYGAQC[339]DKPNK	1
							2	C[339]LEEGK	1
							3	AAAHHYGAQC[339]DKPNKEFM[147]LC[339]R	1

NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	9.01	1.12	0.10	4	1	3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[330]SLEK	1
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK	3
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.99	16.43	1.18	0.00	1	1	3	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
							2	DYC[330]AHLIR	3
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	13.97	1.56	0.05	7	2	3	DYC[339]AHLIR	1
							2	DYC[339]AHLIR	2
							2	DSFPNFLAC[330]K	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.99	6.43	1.85	0.00	1	1	2	EGQNYQQNC[339]IK	1
							1	PRASGLLK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	2.50	*	*	*	2	2	PSVRSILRQPYIK	1
							2	M[147]HAC[339]TASS	1
NEK7_HUMAN (Q8TDX7) Serine/threonine-protein kinase Nek7 (EC 2.7.11.1) (NimA-related protein kinase 7) [MASS=34551]	0.00	2.65	3.22	0.00	1	1	3	DAPTIQQSSPGSSLR	8
							1	NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	*

NFAC1_HUMAN (O95644) Nuclear factor of activated T-cells, cytoplasmic 1 (NFAT transcription complex cytosolic component) (NF-ATc1) (NF-ATc) [MASS=101242]	*	3.18	*	*	*	1	3	VEPVGEDLGSPPPPADFAPEDYSSFQHIRK	1
NFAC3_HUMAN (Q12968) Nuclear factor of activated T-cells, cytoplasmic 3 (NF-ATc3) (NFATc3) (T cell transcription factor NFAT4) (NF-AT4) (NFATx) [MASS=115593]	0.00	5.02	0.72	0.00	1	2	3	TSSLPPLDWPLPAHFGQC[330]ELKIEVQPKTHHR	1
							2	VLEIPLL PENNM[147]SASIDC[339]AGILK	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	*	1.93	*	*	*	2	3	QIVENFSPNQTK	1
							3	GNPAPSFHWTRNSR	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-1/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	0.22	3.33	4.27	0.00	1	1	2	HPC[339]C[339]VLSNPDQK GK	1
							3	SYTLDSLGNPSAYR	22
NFM_HUMAN (P07197) Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) (Neurofilament 3) [MASS=102316]	*	1.53	*	*	*	1			
NGL1_HUMAN (Q9HCJ2) Netrin-G1 ligand precursor (NGL-1) (Leucine-rich repeat-containing protein 4C) [MASS=71949]	0.00	4.38	3.89	0.00	1	2	3	LSYISEGAFEGLSNLR	1
							2	DMAPSNTAC[339]C[339]AR	1

NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	0.00	5.15	0.53	0.00	1	1	2	GGVAAGAEGC[330]RPAR	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.99	11.43	3.75	0.00	1	1	2	IEYDDFVEC[339]LLR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.94	4.93	1.63	0.01	2	1	2	FSGGYPALM[147]DC[339]M[147]NK	2
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	5.59	1.49	0.03	3	1	2	LQFHNVKPEC[339]LEAYNK	2
							3	LQFHNVKPEC[339]LEAYNK	1
							2	PTTKSSTNTSLPDDNGAWKSSK	1
							1	SYNRRSR	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.27	0.90	0.00	1	5	1	VLTTVPEMK	1
							2	EPVGRIMFQLFSDIC[330]PK	2
							3	TDAASRPYADVVRIDC[330]GVLATK	1
NKX22_HUMAN (O95096) Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B) [MASS=30132]	*	4.03	*	*	*	1	1	ETPGGGGDAGK	2
							2	KTC[339]DALQAK	1
							2	EANSIIITPGYGLC[339]AAK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	6.17	0.98	0.16	5	4	3	PNTAM[147]LLGDAKKTC[339]DALQAK	1
							2	EANSIIITPGYGLC[330]AAK	2
							2	KTC[330]DALQAK	1
							2	LFAQQC[339]KEVDILISTALIPGK	1
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	0.00	4.59	0.67	0.00	1	1	3	HSQDPGTHVVS HFVNWETPQGC[330]GLGFQNSEQSR	1
							3	EEGTPWNEDC[330]GK	3
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	0.00	6.60	0.11	0.00	1	4	2	GRQC[330]IRPAEIVASLLEGEENTC[339]GK	1
							2	EENLQRRTQPSINESESDPFVVRDDFK	1
							2	LM[147]DLQSHFGTDDR	1
NOTC3_HUMAN (Q9UM47) Neurogenic locus notch homolog protein 3 precursor (Notch 3) [Contains: Notch 3 extracellular truncation; Notch 3 intracellular domain] [MASS=243659]	*	1.08	*	*	*	1	2	LAVEGMVEELIASHADVNAVDELGK	1

NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	*	0.55	*	*	*	1			
NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]	*	3.26	*	*	*	1	3	TSPVYWC[330]REDWPNQEMR	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	11.70	0.63	0.19	6	2	2	SENKNEGQDATM[147]YC[339]K	1
							2	AEDSGEYHC[339]VYHFVSAPK	1
							2	AEDSGEYHC[330]VYHFVSAPK	4
NR1H4_HUMAN (Q96R11) Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor HRR-1) (Retinoid X receptor-interacting protein 14) (RXR-interacting protein 14) [MASS=55914]	0.00	9.88	1.34	0.00	1	2	3	C[339]KEMGMLAEC[330]MYTGLLTEIQC[339]KSK	1
							3	LC[330]KIHQPENPQHAC[330]LLGRLTELR	1
							3	C[330]KEMGMLAEC[339]MYTGLLTEIQC[339]KSK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	7.18	*	*	*	4	3	VALVKVLDKWPLR	1
							2	MRQVC[330]C[339]SALPPPPLEK	1
							2	VLITIGIC[339]VALLVVGIVC[339]VVAYC[330]K	1
							1	PQQQPQPR	1
NRIP1_HUMAN (P48552) Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein 140) [MASS=126941]	*	6.99	*	*	*	4	3	TSVIESPSTNRTTPVSTPPLTSSK	1
							3	EALLAGMVDSVPKGGK	1
							2	SAPFLGMAPAVQRSAPALPVSEDFK	1
							1	QSLKEQGYALSHDSLK	1

NRP2_HUMAN (O60462) Neuropilin-2 precursor (Vascular endothelial cell growth factor 165 receptor 2) [MASS=104830]	*	3.01	*	*	*	1	2	FLTMLTAIATQGAISRETQNGYVVKSYK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	2.96	0.86	0.14	4	2	2	GILLYGPPGC[330]GK	1
							2	GILLYGPPGC[339]GK	3
							2	LLIIGTTSRK	1
NSG1_HUMAN (P42857) Neuron-specific protein family member 1 (Brain neuron cytoplasmic protein 1) (D4S234) [MASS=20913]	0.00	25.95	0.35	0.00	1	2	2	SVSPWM[147]SVLSEEKLSAQETEAEEKSA	1
							2	VSVLVLFALAF LTC[330]VVFLVVK	1
NTRK2_HUMAN (Q16620) BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 2) (TrkB tyrosine kinase) (GP145-TrkB) (Trk-B) [MASS=91998]	*	13.02	*	*	*	4	3	EHL SVYAVVVIASVVGFC[339]LLVM[147]LFLLKLAR	1
							3	HLDLSELILVGNPFTC[339]SC[330]DIM[147]WIKTLQEAK	1
							3	IPVIENPQYFGITNSQLKPDTFVQHIKR	1
							2	NC[330]LVGENLLVKIGDFGMSR	1
NU205_HUMAN (Q92621) Nuclear pore complex protein Nup205 (Nucleoporin Nup205) (205 kDa nucleoporin) [MASS=227919]	0.00	3.23	0.51	0.00	1	4	2	MIHMSMQM[147]GNEPPISLR	1
							2	RVHNLITDFLALM[147]PM[147]K	1
							2	LQNVEQLPPDEIK	1
							2	ENIAIIESYGAALM[147]EVVC[330]R	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.99	13.04	1.26	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1

								2	C[330]IQC[330]TR	1
								2	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	2
								2	VLFLLGADGGC[339]ITR	1
								2	M[147]C[339]LVEIEKAPKVVAAC[330]AMPVM[147]K	1
								3	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	5
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	12.24	1.23	0.14	16	6				
								2	FC[339]YHER	2
								2	VVAAC[339]AM[147]PVM[147]K	3
								2	VVAAC[330]AM[147]PVM[147]K	2
								2	FC[330]YHER	1
								2	HESC[339]GQC[339]TPC[339]R	3
								2	GAGAYIC[339]GEETALIESIEGK	1
								2	NAC[339]GSGYDFDFVVR	2
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	33.62	1.54	0.05	14	9				
								2	YLVVNADEGEPGTC[339]K	1
								3	HESC[339]GQC[339]TPC[339]R	1
								3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
								3	LIEFYKHESC[339]GQC[339]TPC[339]R	3
								2	EAYEAGLIGK	1
								3	LFNISGHVNHPC[339]TVEEEM[147]SVPLKELIEK	2
								2	NAC[330]GSGYDFDFVVR	1
								2	YLVVNADEGEPGTC[339]KDR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.97	1.73	1.06	0.00	1	1				
								2	IIAQC[339]LNK	1

NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	*	7.93	*	*	*	1	2	PGVGVGVVVVTSK[339]K	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	1.53	0.05	4	1	2	YHIQVC[339]TTTPC[339]M[147]LR	3
							3	YHIQVC[339]TTTPC[339]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.38	2.73	0.00	1	1	2	C[339]IAC[339]K	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.95	26.76	1.25	0.00	1	2	3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
							3	RSSLWPMTFGLAC[339]C[339]AVEMMHM[147]AAPRYDM[147]DR	1
							2	VIAC[339]DGGGGALGHPK	6
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.31	0.04	15	1	3	VIAC[339]DGGGGALGHPK	3
							2	VIAC[330]DGGGGALGHPK	4
							3	VIAC[330]DGGGGALGHPK	2
O11G2_HUMAN (Q8NGC1) Olfactory receptor 11G2 [MASS=34933]	0.00	5.79	2.43	0.00	1	1	2	IIDHFLC[339]DPAPLLTLTC[339]K	1
O2T35_HUMAN (Q8NGX2) Olfactory receptor 2T35 (Olfactory receptor OR1-66) [MASS=36101]	0.00	16.10	0.59	0.00	1	2	3	VC[339]LFM[147]VGSWVGGSLDGFDM[147]LTPVTMSFPFC[339]R	1
							3	VVSIFYTILTPM[147]LNPLIYSLR	1

O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	*	9.35	*	*	*	1	3	FNSYYALM[147]LVIC[339]ILLLDAILILFSYILILK	1
ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component) [MASS=65781]		0.60	4.89	1.45	0.00	1	1	3 NFSAIINPPQAC[330]ILAIGASEDKLVPADNEK	1
ODPAT_HUMAN (P29803) Pyruvate dehydrogenase E1 component alpha subunit, testis-specific form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type II) [MASS=42933]	*	3.61	*	*	*	1	2	YHGHSM[147]SDPGVSYR	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]		1.00	21.28	1.54	0.04	6	5	3 GGSM[147]HM[147]YAKNFYGGNGIVGAQVPLGAGIALAC[330]KYNGK	1
	2 KC[339]DLHR							1	
	2 C[339]DLHR							2	
	2 NFYGGNGIVGAQVPLGAGIALAC[339]K							1	
	2 C[330]DLHR							1	
2 LPC[339]IFIC[339]ENNR	1								
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	*	7.52	*	*	*	1	3	EGVEC[339]EVINM[147]RTIRPMDMETIEASVMK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	5.59	*	*	*	1	2	PVIPPVSTPGQPNAVGTTFTEIPASNIRR	1

OGT1_HUMAN (O15294) UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.-) (O-GlcNAc transferase p110 subunit) [MASS=116924]	0.00	6.98	0.31	0.00	1	4	2	QYTMELERLYLQM[147]WEHYAAGNK	1
							2	IHQDGIHILVNM[147]NGYTKGARNELFALR	1
							2	LC[330]PTHADSLNLANIKR	1
							2	KAVIDFK	1
OMD_HUMAN (Q99983) Osteomodulin precursor (Osteoadherin) (OSAD) (Keratan sulfate proteoglycan osteomodulin) (KSPG osteomodulin) [MASS=49492]	*	5.94	*	*	*	1	3	LKEPISSYIFFC[330]FPHIHTIYYGEQR	1
							3	TQEQC[330]VHNETKNELEK	1
							2	TQEQC[339]VHNETKNELEK	2
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	9.58	1.31	0.03	10	5	2	TALNHC[339]NLC[339]R	3
							3	TQEQC[339]VHNETKNELEK	1
							3	VVVVDQSAGKTSVLEMIAQARIFPR	1
							3	VVVVDQSAGKTSVLEMIAQAR	1
							3	C[339]NEEHPAYLASDEITTVR	1
2	C[339]NEEHPAYLASDEITTVR	1							
2	TALNHC[330]NLC[330]R	1							
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	*	7.54	*	*	*	1	3	GRMSTLTFNFVSEKDYGNITC[339]VATNK	1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	*	4.99	*	*	*	2	2	RKTESIDK	1
							3	ENLM[147]TPSNMGVIFGPTLMRAQEDTVAAM[147]M[147]NIK	1
OPSB_HUMAN (P03999) Blue-sensitive opsin (BOP) (Blue cone photoreceptor pigment) [MASS=39135]	0.00	7.76	1.12	0.00	1	1	3	M[147]VVVM[147]VGSFC[339]VC[339]YVPYAAFAMYMVNNR	1
P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	*	2.26	*	*	*	1	2	EMMLVTSGAVAFGKQRLR	1

PACS1_HUMAN (Q6VY07) Phosphofurin acidic cluster sorting protein 1 (PACS-1) [MASS=104898]	0.00	3.63	1.98	0.00	1	2	2	RKLTSTSAITR	1
							2	VMQYVNGAATTHQLPVAEAMLTC[339]R	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	6.21	*	*	*	3	2	KFDELLHLASR	1
							2	KLQERPWLVDSEWLQR	1
							3	SLLHMISNDIGQLAC[339]LHAR	2
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	3.50	*	*	*	4	3	TKKVTPPFPM[147]SC[330]DLQGDC[339]AC[339]R	1

PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140] * 3.50 * * * 4

PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	3.50	*	*	*	4	2 1	C[330]KVLMLGGSALNHNYR HPAFVKK	1 1
PAR1_HUMAN (P25116) Proteinase-activated receptor 1 precursor (PAR-1) (Thrombin receptor) (Coagulation factor II receptor) [MASS=47440]		0.00	2.35	0.28	0.00	1	1	2 C[330]LSSSAVANR	1
PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]	*	8.05	*	*	*	1	3	LALGLC[330]M[147]AAWLM[147]AAALALPLTLQRQTFLRAR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]		0.00	8.47	0.96	0.00	1	1	2 VTVAGLAGKDPVQC[339]SR	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y-linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	*	1.57	*	*	*	1	2	NM[147]QNSEWATPNPENRQM[147]IMM[147]K	1
PCDA3_HUMAN (Q9Y5H8) Protocadherin alpha 3 precursor (PCDH-alpha3) [MASS=102428]	*	1.47	*	*	*	1	2	C[330]SAPPTGDC[339]GPGK	1
PCDA4_HUMAN (Q9UN74) Protocadherin alpha 4 precursor (PCDH-alpha4) [MASS=102293]		0.00	2.75	*	*	*	1	3 SAEC[330]SIHLEVIVDRPLQVFHVDVEVR	1
PCDA6_HUMAN (Q9UN73) Protocadherin alpha 6 precursor (PCDH-alpha6) [MASS=102715]		0.00	2.42	0.74	0.00	1	1	3 DREDLLEVNLRNGILFVNSRIDR	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]		0.00	1.91	3.38	0.00	1	2	2 VC[339]SAESPPK 2 C[339]SAPPTVSR	1 1
PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]		0.00	5.12	0.59	0.00	1	2	3 GAAC[339]GVTC[330]FPAGTC[339]AC[339]LTRSRR 3 LTLYLAVSLVAIC[330]FVSFGSFWALLSK	1 1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	*	2.48	*	*	*	3	2 2 2	YDSVINRLYTGIQC[339]YSC[339]GMR SPSPLKNK FEGPLLQQGVGM[147]R	1 1 1

PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	4.88	*	*	*	10	3	AAAGPLPPISADTRDQFGSSHSLPEVQQHM[147]REESR	1
							2	TTPPLKTDSAKPSQSFPTGEK	1
							2	PASQLPSGSPSVSSLPKPR	1
							3	GGSLGC[330]QTEADSDTQSPQYLSATSPPKDK	1
							3	VYKLPTAVSLYSPTDEQSIMQK	1
							2	VKETLSM[147]EKIPPMVTTDQK	1
							2	KQIEM[147]SADEDASGEDEFIRNQLK	1
							2	FM[147]KKTLLIGEAC[339]IWLDK	1
							3	FMGSSLGTGLTGLNTIRSALQDEADKPYSSGSR	1
						3	SGPYGYRGIGGMKPSMSDTNLAEAGHFFYK	1	
PCOC2_HUMAN (Q9UKZ9) Procollagen C-endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	0.00	6.99	6.62	0.00	1	1	2	LPTTTEQPVTTFPVTTLGLKPTVALC[339]QQK	1
PCSK5_HUMAN (Q92824) Proprotein convertase subtilisin/kexin type 5 precursor (EC 3.4.21.-) (Proprotein convertase PC5) (Subtilisin/kexin-like protease PC5) (hPC6) [MASS=101775]	0.00	3.07	0.21	0.00	1	1	3	ASGC[330]SDNPNRHVNYLEHVVVITITHPR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	5.68	*	*	*	2	3	QVRSDPQALYFNDPIWSNMWYLHC[339]GDK	1
							3	EGDYC[330]SC[339]DGYTNSIYTISVSSATENGYK	1
PDCD7_HUMAN (Q8N8D1) Programmed cell death protein 7 (ES18) (HES18) [MASS=54700]	*	2.47	*	*	*	1	2	QWLEAVFGTPRR	1
PDE2A_HUMAN (O00408) cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17) (Cyclic GMP-stimulated phosphodiesterase) (CGS-PDE) (cGSPDE) [MASS=105716]	0.00	2.23	1.34	0.00	1	1	2	VLGEEVSFPLTGC[339]LGQVVEDK	1
PDE5A_HUMAN (O76074) cGMP-specific 3',5'-cyclic phosphodiesterase (EC 3.1.4.35) (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase) [MASS=100012]	*	3.31	*	*	*	1	3	NQFNLEDPHQKELFLAMLMTAC[339]DLSAITK	1

PDE6C_HUMAN (P51160) Cone cGMP-specific 3',5'-cyclic phosphodiesterase alpha'-subunit (EC 3.1.4.35) (cGMP phosphodiesterase 6C) [MASS=99146]	0.00	2.10	1.23	0.00	1	1	2	EIIMAMMMTAC[339]DLSAITK	1
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	0.00	4.58	0.89	0.00	1	2	3	AC[330]NSVFTALENSEDAIEITSEDR	1
							3	ATEVSSQRRRHSSM[147]AR	1
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	*	6.59	*	*	*	1	3	ELSFGRGSTAPVGGGAFPTIVEREPWDGR	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	0.00	16.95	0.62	0.00	1	3	2	HIGSIDPNC[339]NVSEVVK	1
							3	LLC[339]DKYYMASPDLEIQEINAANSK	1
							3	LPVYNKSAWRHYQTIQEAGDWC[330]VPSTEPK	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	6.16	0.72	0.00	1	3	3	HYMLC[330]VLLEAGGC[339]ASK	1
							3	STLPNPFHLGNLKK	1
							2	GIFLTLC[330]DMLNVTGTQVTSSSLLNGK	1
							2	FLQVHASSGHK	3
PELO_HUMAN (Q9BRX2) Protein pelota homolog [MASS=43377]	0.00	8.57	*	*	*	2	3	VRTTLTLC[330]VEAIDFDSQAC[330]QLR	1
PEO1_HUMAN (Q96RR1) Twinkle protein, mitochondrial precursor (EC 3.6.1.-) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase) (Progressive external ophthalmoplegia 1 protein) [MASS=77154]	0.00	3.80	0.89	0.00	1	1	3	KGATTQNSEIC[330]SGQAPTPDQPDTSKR	1
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	0.00	8.30	0.80	0.00	1	1	2	YADLTEDQLPSC[339]ESLKDTIAR	1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	3.51	*	*	*	2	3	C[339]QENGRWEAPQISC[330]VPR	1
							2	FC[339]NPGWDAFQGAC[330]YK	1

PGDH_HUMAN (P15428) 15-hydroxyprostaglandin dehydrogenase [NAD+] (EC 1.1.1.141) (PGDH) (Prostaglandin dehydrogenase 1) [MASS=28977]	*	20.68	*	*	*	2	2	VALVTGAAQIGRAFAEALLK	1
							3	DMIKYYGILDPPLIANGLITLIEDDALNGAIM[147]K	1
PGES2_HUMAN (Q9H7Z7) Prostaglandin E synthase 2 (EC 5.3.99.3) (Microsomal prostaglandin E synthase 2) (mPGES-2) [Contains: Prostaglandin E synthase 2 truncated form] [MASS=41943]	*	9.55	*	*	*	2	2	EDLYEAADKWVVAVGKDR	1
							2	AGFAGAAGGPPVAAARK	5
PGLB_HUMAN (Q99645) Dermatan sulfate proteoglycan 3 precursor (Epiphycan) (Small chondroitin/dermatan sulfate proteoglycan) (Proteoglycan-Lb) (PG-Lb) [MASS=36578]	0.00	6.21	1.43	0.00	1	1	3	LDGNPINLSKTPQAYMC[339]LPR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	5.00	*	*	*	2	2	MIDELNKTLAM[147]TMQR	1
							3	PWTRLTAADKAAIR	1
PHLB1_HUMAN (Q86UU1) Pleckstrin homology-like domain family B member 1 (Protein LL5-alpha) [MASS=151161]	0.00	8.21	1.04	0.00	1	6	3	ADGGPEAGELPSIGEATAALALAGR	1
							3	EAEALETETKLFEDLEFQQLER	1
							2	GQQVIEEQR	1
							3	EAEALETETKLFEDLEFQQLERESR	1
							3	LFEDLEFQQLER	1
							2	EEC[339]SSTESTQQEHEDAPSTK	1
PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	*	2.73	*	*	*	1	2	ENKNSNKFK	2
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.00	4.94	0.28	0.00	1	1	3	EASEVC[330]PPPGYGLDGLQYSPVQGGDPSENKK	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	*	2.39	*	*	*	1	2	C[339]PEETPVC[339]HSSPWLSPVLMVGGRAK	1
PK3CA_HUMAN (P42336) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (EC 2.7.1.153) (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K) [MASS=124412]	*	2.53	*	*	*	1	2	RPDFMDALQGLLSPLNPAHQLGNLRLK	1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	2.81	*	*	*	2	3	VC[339]GRDEYLVGETPIKNFQWVR	1
							2	YFLDQIEVC[339]R	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	2.51	*	*	*	1	2	KTENISYEMLFEPEPNGVNSVEMM[147]DKER	1
PKHB1_HUMAN (Q9UF11) Pleckstrin homology domain-containing family B member 1 (Pleckstrin homology domain retinal protein 1) (PH domain-containing protein in retina 1) (PHRET1) [MASS=27186]	0.38	20.16	0.82	0.00	1	2	3	EDPC[339]YSAGAPLAM[147]GM[147]LAGAATGAALGSLMWSPC[330]WF	1
							3	IGPEC[339]HDVQPPEGR	1
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	0.00	6.12	0.29	0.00	1	1	2	KELLYVPLIGWTWYFLEIVFC[330]KR	1

3 ILFC[330]DVLRAIR 15

PLCD1_HUMAN (P51178) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-delta-1) (Phospholipase C-delta-1) (PLC-III) [MASS=85763] * 3.97 * * * 2

3 VMRTPESQLFSIEDIQEVR 1
1 ILFC[339]DVLRAIR 1

PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570] 0.00 5.00 * * * 1 2 VFSQTTIC[339]RFEALQLSFK 1

POLK_HUMAN (Q9UBT6) DNA polymerase kappa (EC 2.7.7.7) (DINB protein) (DINP) [MASS=98808] * 2.76 * * * 2 2 FYGNELKK 1
1 YFIKM[147]GSSVENDNPGK 1

PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512] 0.82 9.09 0.85 0.00 1 2 2 GNHEC[330]ASINR 1
2 PTDVDPQGLLC[330]DLLWSDPK 1

PP1B_HUMAN 0.82 7.67 * * * 1 3 GVSFTFGADVSKFLNRHDLDLIC[339]R 1

PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUCI) [MASS=49903] 0.00 6.35 3.61 0.00 1 1 3 SSSPPSLDQLQM[147]GC[339]DGASC[339]GSLNM[147]EC[339]R 1

PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881] 1.00 45.73 1.02 0.11 5 3 3 HTGPGILSM[147]ANAGPNTNGSQFFIC[339]TAKTEWLDGK 1
2 IIPGFM[147]C[339]QGGDFTR 1
2 IIPGFM[147]C[330]QGGDFTR 2
2 IIPGFMC[330]QGGDFTR 1
2 HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK 1

PPIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	*	20.19	*	*	*	2	3	HYGPGWVSM[147]ANAGKDTNGSQFFITTVK	1
							3	SIYGERFPDENFKLK	1
PPP5_HUMAN (P53041) Serine/threonine-protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T) (PP-T) (PPT) [MASS=56878]	*	5.81	*	*	*	1	2	PQFHQFTAVPHPNVKPM[147]JAYANTLLQLGMM	1
PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	*	1.93	*	*	*	4	3	QAPNPYSSEIK	1
							3	VHLFVHHM[147]GM[147]EK	1
							1	VPPHPR	1
							2	HSVC[339]PEGLSM[147]EQVEQGVQRRR	1
PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	*	4.42	*	*	*	1	3	AFSSPPKGQMGSSRVGER	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	5.66	1.85	0.00	1	1	2	GGSSC[339]SPAQSLSSGSGSGGGGGHQEAELSPDGIATGGGK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	21.88	0.96	0.15	4	2	2	YLVFFFYPLDFTFVC[339]PTEIVAFSDK	1
							3	AFQYVETHGEVC[330]PANWTPDSPTIKPSAASK	1
							3	AFQYVETHGEVC[339]PANWTPDSPTIKPSAASK	3
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo) [MASS=22026]	0.80	7.48	1.72	0.00	1	1	2	GVLFVPGAFTPGC[339]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	0.00	4.52	1.14	0.00	1	4	3	GAAPPYVYAVGRGSEAMAAGLC[339]AGQC[339]ILK	1
							2	RTKSINGSLYIFR	1
							3	AFYLERSNLPTDASTTAVK	1
							2	AFFLFDNLLVYC[339]KR	1

PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.00	3.73	1.28	0.00	1	1	2	ISLDQIDLLSTKSFPPC[330]M[147]R	1
PRI0_HUMAN (P04156) Major prion protein precursor (PrP) (PrP27-30) (PrP33-35C) (ASCR) (CD230 antigen) [MASS=27661]	*	10.28	*	*	*	1	3	HM[147]AGAAAAGAVVGGGLGGYM[147]LGSAM[147]SR	1
							3	HM[147]AGAAAAGAVVGGGLGGYM[147]LGSAMSR	1
PROF1_HUMAN (P07737) Profilin-1 (Profilin I) [MASS=14923]	0.00	15.11	1.00	0.00	1	1	2	C[330]SVIRDSELLQDGEFSMDLRTK	1
PROZ_HUMAN (P22891) Vitamin K-dependent protein Z precursor [MASS=44744]	*	9.25	*	*	*	2	1	LGEDHK	2
							3	EHRGSWFLTGVLGSQPVGGQAHM[147]VLVTKVSR	1
PRP16_HUMAN (Q92620) Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 (EC 3.6.1.-) (ATP-dependent RNA helicase DHX38) (DEAH box protein 38) [MASS=140502]	*	4.40	*	*	*	2	3	DWEESKDDQKDAEEEGDQAGQNIR	1
							3	MLIVSC[339]DMGC[330]SSEILLIVSM[147]LSVPAIFYR	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	*	5.68	*	*	*	1	2	RVTSIADRLNVDFAIHK	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	*	6.01	*	*	*	2	1	IGVSPPAK	1
							2	RQIYGYSRFSIFGK	1
PSA5_HUMAN (P28066) Proteasome subunit alpha type 5 (EC 3.4.25.1) (Proteasome zeta chain) (Macropain zeta chain) (Multicatalytic endopeptidase complex zeta chain) [MASS=26411]	0.00	8.71	0.76	0.00	1	1	2	LGSTAIGIQTSEGVC[330]LAVEKR	1
PSD13_HUMAN (Q9UNM6) 26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5) [MASS=42918]	0.00	9.57	0.90	0.00	1	2	3	IQLLC[330]LMEM[147]TFTRPANHR	1
							2	QMTDPNVALTFLEKTREK	1
PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	*	2.83	*	*	*	1	3	ILSGEM[147]AIELHLQFLIRNNNTDLM[147]JLK	1

PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	4.56	*	*	*	1	2	SGSSIMVEVATGPSDSATREKLPM[147]VLK	1
PTN13_HUMAN (Q12923) Tyrosine-protein phosphatase non-receptor type 13 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1E) (PTP-E1) (hPTPE1) (PTP-BAS) (Protein-tyrosine phosphatase PTPL1) (Fas-associated protein-tyrosine phosphatase 1) (FAP-1) [MASS=276904]	0.00	3.30	0.18	0.00	1	4	2	KVNIMLLNGQRLELTC[330]DTK	1
							2	IGC[339]YVHDVIQDPAKSDGRLK	1
							3	GLSQQEVISALRGTAPEVFLLLC[330]R	1
							2	LHNTYVVGASEKETELEFLK	1
PTN18_HUMAN (Q99952) Tyrosine-protein phosphatase non-receptor type 18 (EC 3.1.3.48) (Brain-derived phosphatase) [MASS=50384]	0.00	1.53	0.06	0.00	1	1	2	VILM[147]AC[330]R	1
PTPRO_HUMAN (Q16827) Receptor-type tyrosine-protein phosphatase O precursor (EC 3.1.3.48) (Glomerular epithelial protein 1) (Protein tyrosine phosphatase U2) (PTPase U2) (PTP-U2) [MASS=138281]	0.00	1.97	1.01	0.00	1	1	2	SKGPMIIHC[330]SAGVGRGTGFIALDR	1
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	*	1.49	*	*	*	1	3	FSVLPPTFHPGDQKQYGGFDNRGLEPGHR	1
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylate synthase 3) [MASS=55615]	*	12.68	*	*	*	2	2	M[147]DVANGVINFRQRTILSAQVQLVGQSPGEGR	1
							3	IAYMGWGYQGFASQENTNNTIEEKLFEALTK	1
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3	LLVSTQLSHC[339]R	3

PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	2.07	*	*	*	2	3	GLPVTC[339]EVAPHHLFLSHDDLER	1
							2	LGYPVLVRAAFALGGLGSGFASNR	1
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	*	3.43	*	*	*	1	2	C[339]DLTTKK	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	7.29	0.66	0.01	2	1	2	HHC[330]PNTPIILVGTK	1
							2	HHC[339]PNTPIILVGTK	1
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	0.00	6.64	1.08	0.00	1	2	2	TVVNVNRNGMSLHDC[330]LMK	1
							3	SASEPSLHRAAHTEDINAC[330]TLTTSPR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	5.56	0.65	0.00	1	3	3	VC[330]ILRC[339]LKVMGSSYC[339]PSC[330]R	1
							2	EC[330]NEEVSLEK	1
							3	PLC[330]LM[147]LADESDHETLTAILSPLIAEREAMK	1
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	*	2.14	*	*	*	1	2	LKDTLKSQMTQEASDEAEDM[147]K	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	0.00	2.36	11.99	0.00	1	2	3	KEDLEAEEEEYSSLC[339]ELLGSPEQRPGM[147]QDPLSPK	1
							3	RKSAFMAPVPTK	1
RAS7_HUMAN (Q02833) Ras association domain-containing protein 7 (HRAS1-related cluster protein 1) [MASS=39945]	0.00	8.04	1.18	0.00	1	1	3	ERQLLPQEC[330]PVGAQATC[330]GQFASDVQFVLRR	1
							3	WC[339]C[339]FVM[147]LHADQDGEKLQALLRLVIELLER	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	0.00	9.60	1.02	0.00	1	6	3	AELNKVTSLHNQAFEIEKNLK	1
							3	GLEDRLYALDQM[147]IASC[339]GRLVNEQK	1
							2	VDSAMETSMMSVQENIHMLSEEK	1
							2	TLMTIEKDQC[330]ISELISRHEEESNILK	1
							3	VEESLMMPAVFHTVASRTQLALEMYEVAKK	1
RBL1_HUMAN (P28749) Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) [MASS=120846]	0.00	1.40	1.68	0.00	1	1	2	HLDQLLLC[339]AFYIM[147]AK	1

RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	2.90	*	*	*	1	3	IFLGEDAEIIIIGTLCRC[339]LNAGSGTETAERVQMK	1
RBM8A_HUMAN (Q9Y5S9) RNA-binding protein 8A (RNA-binding motif protein 8A) (Ribonucleoprotein RBM8A) (RNA-binding protein Y14) (Binder of OVCA1-1) (BOV-1) [MASS=19889]	0.00	27.59	6.01	0.00	1	2	2	EAQAAMEGLNGQDLM[147]GQPISVDWC[339]FVR	1
							2	ARMREDYDSVEQDGEDEPGPQR	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	*	4.50	*	*	*	3	2	TLQFLNDLSVGYILLKK	1
							2	ASLINSQPLPK	1
							2	DVAEALRSDGNTEPC[339]SLDMM[147]S	1
RDH13_HUMAN (Q8NBN7) Retinol dehydrogenase 13 (EC 1.1.1.-) [MASS=35932]	0.00	19.03	0.29	0.00	1	2	3	DYVTGGAC[339]PSKATIPGKTVIVTGANTGIGK	1
							3	M[147]SRYLLPLSALGTVAGAAVLLKDYVTGGAC[330]PSK	1
REC8L_HUMAN (O95072) Meiotic recombination protein REC8-like 1 (Cohesin Rec8p) [MASS=62613]	0.00	4.57	0.36	0.00	1	1	3	TPTLSGWLPELLGLWTHC[330]AQPPPK	1
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	*	1.10	*	*	*	2	3	ITLPLPPYTRSQATR	1
							3	C[339]GILSSGNLFFNEDGLRM[147]LMTR	1
REM1_HUMAN (O75628) GTP-binding protein REM 1 (Rad and Gem-like GTP-binding protein 1) (GTPase-regulating endothelial cell sprouting) [MASS=32947]	0.00	7.72	6.26	0.00	1	1	2	SWSQESC[339]LQGG SAYVIVYSIADR	1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	*	3.24	*	*	*	1	2	ALVTLSSGDM[147]R	1
RFWD2_HUMAN (Q8NHY2) Ring finger and WD repeat domain protein 2 (EC 6.3.2.-) (Ubiquitin-protein ligase COP1) (Constitutive photomorphogenesis protein 1 homolog) (hCOP1) [MASS=80474]	*	3.42	*	*	*	1	3	LTAHFEDLEQC[330]YFSTRMSRISDDSR	1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	*	4.77	*	*	*	3	2	NHSATGEERTLGKSNSIK	1
							3	LSGEKEPLDLGAPISLDGQR	1
							3	SPLYQEC[330]ILAEVEGRALPDSQQVPSSPASK	1

RHG07_HUMAN (Q96QB1) Rho-GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) [MASS=122826]	*	5.41	*	*	*	2	3	TNSVISVC[330]SSSNLAGNDDDFGSLPSPK	1
							3	WHSFQSSHRPSLNSVSLQINC[330]QSVAQM[147]NLLQK	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase-activating protein 12 [MASS=96254]	*	2.96	*	*	*	1	3	GWSEELDERGHTLYTSDYTNEKWLK	1
							2	HFC[339]PNVPIILVGNK	2
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	13.47	0.75	0.13	7	2	2	HFC[330]PNVPIILVGNK	4
							2	IGAFGYM[147]EC[339]SAK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	7.14	0.71	0.03	2	1	2	HFC[330]PNVPIILVANK	2
RHOC_HUMAN	0.00	5.70	*	*	*	1	2	ELAKMKQEPVR	1
RIC8A_HUMAN (Q9NPQ8) Synembryn-A (Protein Ric-8A) [MASS=59612]	*	3.21	*	*	*	1	2	FIKYTYGYNAAGLLAAR	1
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	*	3.56	*	*	*	4	2	SSLSNNEC[330]GSLDKTSPEMSNSNNDERK	1
							2	M[147]ELSLENTVEGNAC[339]KVTESNLEK	1
							3	SSLSNNEC[330]GSLDKTSPEM[147]SNSNNDER	1
							2	EGTFSKSDSEK	1
RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	*	3.72	*	*	*	3	2	PPSPRIQIHASPENDRHSR	1
							3	DAPQVLPQGQSVKLWYDK	1
							2	TLC[330]SMHHLVPGGSAPPSPLLTRMHR	1
							2	TLC[339]SM[147]HHLVPGGSAPPSPLLTRM[147]HR	1
RL11_HUMAN (P62913) 60S ribosomal protein L11 (CLL-associated antigen KW-12) [MASS=20121]	*	12.99	*	*	*	1	2	KNNFSDTGNFGFGIQEHIDLGIK	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	*	9.09	*	*	*	1	2	C[339]LPTPKC[330]HTPPLYRM[147]R	1
RL1D1_HUMAN (O76021) Ribosomal L1 domain-containing protein 1 (Cellular senescence-inhibited gene protein) (Protein PBK1) (CATX-11) [MASS=54972]	*	3.47	*	*	*	1	2	HGIKTVSQIISLQTLKK	1

RLP24_HUMAN (Q9UHA3) Probable ribosome biogenesis protein RLP24 (Ribosomal protein L24-like) [MASS=19621]	0.00	11.04	1.73	0.00	1	1	2	C[339]YFC[339]SGPIYPGHGM[147]M[147]FVR	1
RN168_HUMAN (Q8IYW5) RING finger protein 168 [MASS=65020]	*	4.20	*	*	*	2	3	TRPSNHGKELC[330]VLSHER	2
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	*	5.36	*	*	*	1	2	GSRDKNR	1
ROBO4_HUMAN (Q8WZ75) Roundabout homolog 4 precursor (Magic roundabout) [MASS=107457]	0.00	8.44	0.78	0.00	1	3	2	GHAHDGQALSTDLGVYTC[339]EASNR	1
ROCK1_HUMAN (Q13464) Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (NY-REN-35 antigen) [MASS=158174]	0.00	2.95	0.37	0.00	1	2	3	PDWLEDM[147]EVSHTQRLGRGMPPWPPDSQISSQR	1
							3	GHAHDGQALSTDLGVYTC[330]EASNRLGTAVSR	1
ROCK1_HUMAN (Q13464) Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (NY-REN-35 antigen) [MASS=158174]	0.00	2.95	0.37	0.00	1	2	2	HQKELNDM[147]QAQLVEEC[339]AHR	1
							2	LLEFELAQLTKQYRGNQGM[147]R	1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	0.70	*	*	*	1	3	SSAISAGVIEITSQK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	3.95	0.51	0.00	1	3	2	SEFLC[330]C[330]QDSFLQEIKK	1
							1	FGLAKMK	1
							3	DKYMRAQM[147]EPGSAVGALC[339]AQSIGEPGTQM[147]TLK	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	*	2.81	*	*	*	2	2	ASRESPLQFSLNGGSEK	1
							3	TRFSILPPKLFSDGGLSQQDDSIIVGTR	1
RPGR1_HUMAN (Q96KN7) X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interacting protein 1) [MASS=146679]	*	2.49	*	*	*	1	3	VLETVEKVHGLATLIGAGGEEFGVLEYWM[147]RLR	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	1.00	3.41	1.19	0.06	2	1	2	IGKPHTVPC[339]K	1
							2	IGKPHTVPC[330]K	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	*	9.89	*	*	*	2	1	IASDGLK	1
							2	M[147]C[330]SM[147]VKKWQTMIEAHVDVK	1

RS8_HUMAN (P62241) 40S ribosomal protein S8 [MASS=24074]	0.00	5.80	0.91	0.00	1	1	3	NC[330]IVLIDSTPYR	1
							2	NC[330]IVLIDSTPYR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	3.56	*	*	*	2	2	ISTITALGHEGKQLVNGEVSDER	1
							3	EDSEFTKVEMDNLDNAQTSGIIEPSETK	1
RTC1_HUMAN (O00442) RNA 3'-terminal phosphate cyclase (EC 6.5.1.4) (RNA-3'-phosphate cyclase) (RNA cyclase) [MASS=39337]	0.00	7.10	0.19	0.00	1	1	2	SEDEEDAADKDYIIEC[330]QGIGMTNPNL	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	*	2.71	*	*	*	1	2	ILADPLDQM[147]KAEAYKYIDITR	1
RTP2_HUMAN (Q5QGT7) Receptor-transporting protein 2 [MASS=26068]	0.35	4.89	0.39	0.00	1	1	2	M[147]C[330]TSLTTC[330]EWW	1
RUVB1_HUMAN (Q9Y265) RuvB-like 1 (EC 3.6.1.-) (49 kDa TATA box-binding protein-interacting protein) (49 kDa TBP-interacting protein) (TIP49a) (Pontin 52) (Nuclear matrix protein 238) (NMP 238) (54 kDa erythrocyte cytosolic protein) (ECP-54) (TIP60-associated) [MASS=50228]	*	10.75	*	*	*	2	3	YSVQLLTPANLLAKINGKDSIEK	1
							3	AVLLAGPPGTGKTALALAIQELGSK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	3.58	*	*	*	1	3	DPLFYLDAQKGRYVPLDQEAYSR	1
S35B1_HUMAN (P78383) Solute carrier family 35 member B1 (UDP-galactose transporter-related protein 1) (UGTrel1) (hUGTrel1) [MASS=35759]	0.00	4.97	1.20	0.00	1	1	2	SC[339]KPIPVMLLGVTLLK	1
							3	WLYSNQIPASPNTPVPIHHSKNPSK	1
							2	LRPRLSSILEEQLEETPK	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	2.59	0.27	0.00	1	5	2	ELLQNADDANATEC[330]SFLIDMR	1
							3	NPSKLIIMKPIHEC[339]C[339]YC[339]DIK	1
							3	TILEEGQTC[330]VELIR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	0.97	4.26	1.99	0.05	2	1	2	THFFLNAGNLC[339]NLNYGEGPK	2

SAPS2_HUMAN (O75170) SAPS domain family member 2 [MASS=101006]	0.00	2.05	13.52	0.00	1	1	2	YPNTAC[339]ELLTC[339]DVPQISDR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	2.10	1.02	0.22	5	1	2	GC[339]SFLPDPYQK	3
							2	GC[330]SFLPDPYQK	2
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	0.00	16.16	0.61	0.00	1	2	2	NYLPAINGIVFLVDC[330]ADHSR	1
							2	PM[147]EVFMC[339]SVLKR	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	5.26	0.57	0.38	5	2	3	C[330]IEENNGVDKR	1
							3	GEQELAEVKVEAIPNC[330]K	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	*	0.44	*	*	*	1	1	KHQEELEK	1
SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	*	3.97	*	*	*	4	3	VLGESGEM[147]DALKIQM[147]EEKFM[147]AANPSK	1
							3	PAALAAQQLPSC[330]IATPYSPPPPETEKVPPTTR	1
							2	PQLDLQASK	1
							3	RKHEEVSAM[147]VIQR	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na ⁺ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	*	3.92	*	*	*	1	2	TTSWGLLSLGALVALC[330]WQLGLLFFER	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	10.77	1.34	0.08	4	4	2	STGC[339]DFAVSPK	1
							3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	1
							2	STGC[330]DFAVSPK	1
							2	LMPMQQIAN	1
							2	NFNLPM[147]C[339]JK	1
							3	LGRPTLSSEVGIIIC[330]DIANPASLDEM[147]AK	1
SCPDH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	1.00	12.12	1.01	0.03	4	2	3	LGRPTLSSEVGIIIC[339]DIANPASLDEM[147]AK	3
							2	QIDAASFLLTFFGQGYSGTGTDK	1
SDC1_HUMAN (P18827) Syndecan-1 precursor (SYND1) (CD138 antigen) [MASS=32476]	0.00	8.71	1.23	0.00	1	1	3	EVLGGVIAGGLVGLIFAVC[339]LVGFMLYR	2
SDHL_HUMAN (P20132) L-serine dehydratase (EC 4.3.1.17) (L-serine deaminase) [MASS=34702]	*	6.71	*	*	*	1	2	TPLPSLVVIVC[339]GGSNISLAQLR	1
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	*	2.13	*	*	*	1	2	TIC[330]VLGVFIC[339]SIC[330]VK	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	4.76	*	*	*	2	3	THIYVC[330]GTGAFHPIC[339]GYIDLGVYKEDIIFK	1
							2	RHSVM[147]YK	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	*	4.81	*	*	*	1	3	DKVGLDLGAPPSGTTSYSQDPPSPSPEDERLPLALAK	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	1.74	*	*	*	1	3	VPLERC[330]AAYRSQGAC[339]LGAR	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.97	2.71	1.16	0.00	1	1	2	AHC[330]IQQM[147]TSK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	3.20	0.93	0.02	3	1	2	ADTLTPEEC[330]QQFKK	1
							2	ADTLTPEEC[339]QQFKK	2
							3	AVLNPNPM[147]DFC[339]TKDLLTTTTSER	1
							2	VPQPVPLIAQKPVGEM[147]K	1
							2	C[330]GSETHHTRR	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	4.71	*	*	*	8	2	DMHC[339]LEASSPTFSKEPMK	1
							2	AIETAYAMVK	1
							2	QRALC[330]RGGR	1
							3	VNELC[330]VEALC[339]RMEQANC[339]SFQVFDK	1
							2	GPAEVDTVDAFQGRQK	1

SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.27	1.88	1.47	0.00	1	1	2	C[339]GGAGHIASDC[339]K	1
SFTPD_HUMAN (P35247) Pulmonary surfactant-associated protein D precursor (SP-D) (PSP-D) [MASS=37698]	*	6.93	*	*	*	1	2	GDTGPGSGPPGPPGVPGPAGREGPLGK	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	*	6.54	*	*	*	1	2	IVHDYRQGVIPPLTENELWR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	*	15.89	*	*	*	2	3	QGIFQVVISRIC[330]M[147]AIPAMAIPPLIM[147]DTLEKK	1
							2	IC[330]MAIPAMAIPPLIMDTLEK	1
							2	LNVSLASKIK	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	5.14	*	*	*	4	2	EPSLRDKMR	1
							2	KTSIDPSPESHEVM[147]ERILDSVQGK	1
							2	KTEIIEVNHLDNDKSIEYTVK	1
SH2D5_HUMAN (Q6ZV89) SH2 domain-containing protein 5 [MASS=37439]	0.00	6.78	3.61	0.00	1	1	2	DVLGAFLLWPELGASGQWC[339]LSVR	1
							2	ATPQHTVSFTC[330]ESHGFSPR	2
							3	ATPQHTVSFTC[330]ESHGFSPR	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	1.00	16.10	0.45	0.21	9	4	3	ATPQHTVSFTC[339]ESHGFSPR	1
							3	NAREITQDTNDITYADLNLPKGK	1
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[339]QVEHDGQPAVSK	1
							3	ATPQHTVSFTC[330]ESHGFSPRDITLK	1
							3	LTC[330]QVEHDGQPAVSK	2
							2	LTC[339]QVEHDGQPAVSK	1
							2	LTC[330]QVEHDGQPAVSK	3
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	0.00	2.54	1.66	0.00	1	1	2	LALLC[339]ALPWLLLAASPGHPAK	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	*	3.90	*	*	*	2	3	FGEDTAPPSFPSC[330]GHYR	1
							3	LYSNMFM[147]FR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	8.29	0.50	0.31	2	2	3	GLQLTWLENGVSR	1
							3	ATPEHTVSFTC[330]ESHGFSPR	2
							2	ATPEHTVSFTC[330]ESHGFSPR	1

SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.31	11.31	1.66	0.00	1	2	3	C[339]EDC[339]QSLVKPDIVFFGESLPAR	1
							2	VDLLLVM[147]GTSLQVQPFASLISK	1
SIVA_HUMAN (O15304) Apoptosis regulatory protein Siva (CD27-binding protein) (CD27BP) [MASS=18695]	0.00	15.43	1.89	0.00	1	2	2	YSQEVFEK	1
							2	SC[330]PFADVAPLQLKVRVSQR	1
SIX4_HUMAN (Q9UIU6) Homeobox protein SIX4 (Sine oculis homeobox homolog 4) [MASS=80832]	*	2.76	*	*	*	1	3	ENFLSNSESKATSSLMMLDSK	1
SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	0.00	7.30	0.50	0.00	1	4	2	GRC[330]DEQASGLTSLDLTTSSEK	1
							2	C[339]DEQASGLTSLDLTTSSEK	1
							3	TDPWLLAVLGAPVPSDLQAQR	1
							3	GLVKVLFATETFAMGVNM[147]PARTVVFDMSR	1
SLIK2_HUMAN (Q9H156) SLIT and NTRK-like protein 2 precursor [MASS=95404]	0.00	4.73	0.50	0.00	1	2	2	ELPSAGLVHYNFC[330]TLPKR	1
							3	MLSGVWFLSVLTVAGILQTESR	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	0.00	5.35	1.10	0.00	1	4	2	AIQTLHLAQNPFC[339]DC[330]NLK	1
							2	GLTAIPANLPETM[147]TEIRLELNGIK	1
							3	QRPTIGLFTQC[330]SGPASLR	1
							3	VLQLMENQIGAVERGAFDDM[147]K	1
SLUR1_HUMAN (P55000) Secreted Ly-6/uPAR-related protein 1 precursor (SLURP-1) (ARS component B) (ARS(Component B)-81/S) (Anti-neoplastic urinary protein) (ANUP) [MASS=11186]	0.00	61.17	1.22	0.00	1	3	3	SC[339]SSSC[330]VATDPDSIGAAHLIFC[330]C[330]FR	1
							2	C[330]YTC[339]KEPM[147]TSASC[330]R	1
							2	M[147]ASRWAVQLLLVAAWSM[147]GC[339]GEALK	1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	0.00	5.03	0.84	0.00	1	2	2	KIAVVQPEKQLPPTVPVK	1
							2	IFQEQDIDGQALLLTLPTVQEC[330]M[147]ELK	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	0.61	*	*	*	1	2	GYEYC[339]R	1
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	*	3.65	*	*	*	1	2	KFLESTDSFNNELKR	1

SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	0.00	11.52	0.45	0.00	1	2	3	TPVC[330]SGSVTDKPLSQGNSGRK	1
							3	M[147]EFITSLLDALTTDM[147]VQAINSAAPTGGGR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	0.00	7.04	0.84	0.00	1	4	2	C[330]SEQPSISDIKEKSK	1
							1	TSKIKGK	1
							3	RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK	1
							3	EPALLSKQDIVLTTYNILTHDYGTK	1
SMRC2_HUMAN (Q8TAQ2) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2 (SWI/SNF complex 170 kDa subunit) (BRG1-associated factor 170) [MASS=132878]	0.00	5.02	1.92	0.00	1	3	3	DGGPNVKYEEAADTVTQFDNVR	1
							3	EEEQEDLTKDMDEPSPVPNVVEEVTLPK	1
							2	RNLAGDVC[339]AIMR	1
SMYD5_HUMAN (Q6GMV2) SET and MYND domain-containing protein 5 (Protein NN8-4AG) [MASS=47340]	*	3.35	*	*	*	1	3	ARVSVEVRFVSSAK	1
SNAAL_HUMAN (P54920) Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive factor attachment protein, alpha) [MASS=33247]	*	17.97	*	*	*	2	2	NSQSFFSGLFGGSSKIEEAC[339]EIYAR	1
							2	HDAATC[330]FVDAGNAFKKADPQEAINC[330]LMR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	*	7.72	*	*	*	2	2	VKASHSFLR	1
							1	AALC[339]HFIVDELNAK	1
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.00	4.80	0.90	0.00	1	1	2	C[339]VFNGNAGAC[339]JR	1
SNX17_HUMAN (Q15036) Sorting nexin-17 [MASS=52901]	*	11.91	*	*	*	2	3	SYWDSAYDDDVMENRVGLNLLYAQTVSDIER	1
							2	SYWDSAYDDDVMENRVGLNLLYAQTVSDIER	1
							2	SDSQAVKSPPLLESPDATRESM[147]VK	1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	*	3.45	*	*	*	1	3	VALPDGTTVTVRVKK	1
SOCS5_HUMAN (O75159) Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2-containing protein 5) (Cytokine-inducible SH2 protein 6) (CIS-6) [MASS=61246]	0.00	6.34	0.16	0.00	1	1	3	LAPGMTEISGDSSAIPQANC[330]DSEEDTTTLC[330]LQSR	1

SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	25.49	0.70	0.10	2	2	3	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR	1
							2	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR	1
							1	VWGSIK	1
SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding) [MASS=248440]	*	1.67	*	*	*	2	2	QLWKSDDFGQTWIMIQEHVK	1
							3	QQC[339]LFHSM[147]VC[330]DGIIQC[330]R	1
							3	PKSDTVDFHC[330]SK	9
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	1.74	*	*	*	1			
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	0.00	3.29	0.42	0.02	2	1	2	EAM[147]LEMLLQHQC[330]K	2
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	0.45	16.07	0.93	0.00	1	4	3	GSGGASNPVPPRPPPPC[330]LAPAPPAAGPAPPPEPHK	1
							2	APSYSGLSMVSGVKQGSGPAPTTHKGTPK	1
							3	RSSGAAPAPASASAPAPVPGGEAERVR	1
							1	M[147]NSPGGR	1
SPG7_HUMAN (Q9UQ90) Paraplegin (EC 3.4.24.-) (Spastic paraplegia protein 7) [MASS=88135]	*	2.39	*	*	*	1	2	VLQDNLDKLQALANALLEK	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	0.00	5.26	0.93	0.00	1	2	2	RNEFESVLALVAYYQM[147]EHR	1
							2	C[330]YLEELLHILTDADPEVC[330]K	1
SPRC_HUMAN (P09486) SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (Basement-membrane protein 40) (BM-40) [MASS=34632]	*	3.63	*	*	*	1	3	FFETC[339]DLNDNK	1

SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	11.88	1.47	0.00	1	1	3	GFVDLSDSTQVNNYWALNLTSM[147]LC[339]LTSSVLK	1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	*	2.90	*	*	*	3	2	QGYGDKHITLYDIR	1
							3	IDIEKFSADLTC[330]RTSDLMDR	1
							2	GKPRIEYVTVTPEGFR	1
SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	0.00	3.31	2.01	0.00	1	4	2	QLLGSAAHAVEVFHREADDTK	1
							3	M[147]EENLSEPVHC[339]VSLNEIR	1
							3	EDM[147]KQALTPEQVSFC[339]ATHM[147]QQYMDPR	1
							2	M[147]EQFPKETVVESSGPK	1
							2	M[147]EENLSEPVHC[330]VSLNEIR	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	2.83	*	*	*	5	2	RQQVLDTRYHR	1
							2	HVQSKAIEARHASLM[147]K	1
							1	RNEVLDRWR	1
							2	KHEALM[147]SDLSAYGSSIQALR	1
							2	DETDSKTASPWKSAR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	2.90	*	*	*	2	3	FDILDQEMKTLMTQIDGVNLAANSLVESGHPR	1
							3	SAKDALLLWC[330]QMKTAGYPHVNVNFTSSWK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	2.96	*	*	*	4	2	EGEDMIAEEHFGSEK	1
							3	DLVAIEAKLSDLQK	1
							3	M[147]AETVDTSEMVNGATEQR	1
							3	MRDM[147]GEM[147]VTQGQTDAQYMFLRQR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.00	3.68	0.57	0.00	1	4	3	DEAEM[147]SSWLRVVNAAIATASSASGEPEEPVVPSTTR	1
							2	RQETAEKWQEK	1
							2	SIITYVATYYHYFSKM[147]KALAVEGK	1
3	KC[330]NAHYNLQNAFNLAEK	1							
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	*	1.91	*	*	*	2	3	M[147]QVAVQAAEGLLRQGNIGEQAEAVTR	1
							2	KEEM[147]SAVLLVENHVLVAEVR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.55	5.79	1.60	0.00	1	1	3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGLAPVIK	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	*	4.91	*	*	*	1	2	EC[330]LAGTSLGAKLK	1

STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	*	2.34	*	*	*	1	2	VGDGNPLKLWKASVEVEAPPSVVLNR	1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	*	0.68	*	*	*	1	1	SPDWYNK	1
STF1_HUMAN (Q13285) Steroidogenic factor 1 (STF-1) (SF-1) (Adrenal 4-binding protein) (Steroid hormone receptor Ad4BP) (Fushi tarazu factor homolog 1) [MASS=51636]	*	5.21	*	*	*	1	3	DAQEKANAALLDYTLIC[339]HYPHC[330]GDK	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	*	4.69	*	*	*	2	2 3	MLVLGLLVAGAADGC[330]ELVPR KM[147]MDEINYAKEEAC[339]R	1 1
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Clik1) (PDLIM1-interacting kinase 1) [MASS=44573]	*	5.24	*	*	*	1	2	SFM[147]LQLTSAIAFLHKNHIVHR	1
STK39_HUMAN (Q9UEW8) STE20/SPS1-related proline-alanine-rich protein kinase (EC 2.7.11.1) (Ste-20-related kinase) (Serine/threonine-protein kinase 39) (DCHT) [MASS=59642]	0.27	9.51	0.85	0.00	1	3	3 2 3	DAYELQEVIGSGATAVVQAALC[330]K KLLSLC[339]LQK DELWLVLM[147]KLLSGGSM[147]LDIIK	1 1 1
							2	YSTHLHLAEDC[330]M[147]K	3
							2 3	C[330]AYEVTQANGK YSTHLHLAEDC[330]MKHYQGTVDK	1 1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	20.71	0.62	0.07	9	7	2	YSTHLHLAEDC[339]M[147]K AAHVFFTDSC[330]PDALFNLVK	3 2
							2 2 2	MTDIMTEGITIVEDINK YETSGIGEARVKEVLLDEDDDLWIALR DIM[147]EDTIEDKLDTK	1 1 1

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	4.80	1.20	0.06	3	1	2	LIGPNC[339]PGVINPGEC[339]K	1
							2	LIGPNC[330]PGVINPGEC[330]K	2
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.99	4.97	1.44	0.01	2	2	2	IC[330]NQVLVC[330]ER	1
							2	C[339]DVIAQGIVM[147]JAVK	1
SULF1_HUMAN (Q8IWU6) Extracellular sulfatase Sulf-1 precursor (EC 3.1.6.-) (HSulf-1) [MASS=101026]	*	1.61	*	*	*	1	3	SVLKLLDPEKPGNR	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.72	4.83	0.63	0.00	1	1	2	LC[339]LISTFLEDGIR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	0.00	10.42	0.21	0.00	1	3	2	NLC[330]RNFMLHLVSMHDFNLISIMSIDK	1
							2	M[147]APQKHGGGGGGGSGPSAGSGGGGFGGSAVAATASGGK	1
							3	RTPITHILVC[339]R	3
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	2.98	*	*	*	4	2	PPLDHNASATDYK	1
							2	REEEENVQSEWRLYC[339]VR	1
							3	VQASKNPLKM[147]LAAR	5
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	*	4.14	*	*	*	2	2	KGLASPTAITPVASAIC[330]GKTR	1
							3	LSQSGSSITAAGM[147]RLSQMGVTTDGVPAQQLR	1
							2	FC[339]IISGNQLLMLDEDEIHPLLIR	1
3	FC[339]IISGNQLLMLDEDEIHPLLIR	1							
SYIC_HUMAN (P41252) Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) [MASS=144958]	*	1.82	*	*	*	1	2	VENM[147]VDQLLRNNDLC[330]YWVPELVR	1

SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	*	4.94	*	*	*	2	2	TGWISTSSIWKKPGLEEAVESAC[339]AMR	1
							2	PGLEEAVESAC[339]AM[147]RDSFLGSIPGK	1
							2	MYHSLAGSLQDSGIVLK	1
							3	FINDITTWFTKVEESLM[147]NC[339]AQNETC[339]EALK	1
							2	QLGKALDDSRFQIQQTENIIR	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	2.41	*	*	*	12	1	VQYEMK	1
							2	TQFNNAVVKLRML[147]EQK	1
							3	HFSESMQEFQEWFLGAK	1
							2	HSELELNIAQNMVSQVK	3
							3	QTVEATNSM[147]NKNESDLIEKDLNDALQNAK	1
							2	LQDM[147]YDELMM[147]IIGSR	1
							2	HFKEDFDK	2
							2	ALQDLADLLETGQEKM[147]AGDQKIIVSSK	1
							2	MLHLVTLYHR	1
	SYP2L_HUMAN (Q9H987) Synaptopodin 2-like protein [MASS=102468]	*	1.94	*	*	*	1	3	TKC[330]RTIASLLTAAPNPHSK
							1	LHQVYFDAPTC[330]R	1
							2	LHQVYFDAPTC[339]R	3
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	3.83	0.62	0.11	9	1	2	LHQVYFDAPTC[330]R	5
SYQ_HUMAN (P47897) Glutaminyl-tRNA synthetase (EC 6.1.1.18) (Glutamine--tRNA ligase) (GlnRS) [MASS=87798]	0.00	2.32	5.89	0.00	1	1	2	FFTAIC[339]DM[147]VAWLGYTPYK	1
TALAN_HUMAN (Q70YC4) Talanin [MASS=24006]	0.00	5.56	1.77	0.00	1	1	2	NPC[339]LHGAYLQLR	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	0.99	7.40	1.88	0.00	1	3	2	LQTAPVPM[147]PDLKNVSK	1
							2	HQLLDLHQEGPPLKGAGGK	1
							3	C[330]GSLGNIHHKPGGGQVEVK	1

								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	4
								2	YM[147]AC[339]C[339]LLYR	4
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	10.27	0.95	0.08	19	3		2	SIQFVDWC[339]PTGFK	1
								3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								2	YM[147]AC[330]C[330]LLYR	4
								2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	2
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	0.00	2.00	*	*	*	1		2	VAVC[339]DIPPR	1

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
								2	NM[147]MAAC[330]DPR	1
								2	NM[147]M[147]AAC[330]DPRHGR	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
								2	NMM[147]AAC[330]DPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*		6			
								2	NMM[147]AAC[339]DPR	1
								2	NM[147]M[147]AAC[330]DPR	2
								3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	TAVC[330]DIPPR	7
								3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2

							2	TAVC[339]DIPPR	5
							2	NM[147]M[147]AAC[339]DPR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	3
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	4
							3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2

								2	EIVHIQAGQC[339]GNQIGAK	3
								2	EIVHIQAGQC[330]GNQIGAK	8
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.93	0.13	67		2	2	M[147]REIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[339]GNQIGAK	2
								3	M[147]REIVHIQAGQC[339]GNQIGAK	4
								3	MREIVHIQAGQC[330]GNQIGAK	2
								3	M[147]REIVHIQAGQC[330]GNQIGAK	3
								3	MREIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[330]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.93	0.13	67		2	2	M[147]REIVHIQAGQC[330]GNQIGAK	3
TBB3_HUMAN	1.00	6.00	1.41	0.00	1	1	3	3	FWEVISDEHGIDPSGNYVGDSDLQLER	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	5.38	*	*	*	1	3	3	AALVDLEPGTM[147]DSVRSRGPFGQLFR	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	0.00	6.07	1.69	0.00	1	1	2	2	RASELHQRDVLLTELSNC[339]TVR	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	*	3.25	*	*	*	2	2	2	PDMIIQIQM[147]YQLSR	1
								2	NFKEISFC[339]SQGIRHVDHFGFIC[330]R	1

TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	0.00	4.23	1.48	0.00	1	4	2	NRILQLMPQLSPTPSMMPSPNSHAAGFK	1
							2	C[339]LMSSDGLPNKGMELK	1
							2	LNPTLSQSVILPGGLVSMETKLK	1
							2	C[330]SHC[339]QEAGATLGC[330]YNK	1
TDRD5_HUMAN (Q8NAT2) Tudor domain-containing protein 5 [MASS=76592]	*	5.13	*	*	*	2	2	DSSELLEDM[147]MIEMR	1
							3	SELNLAMANHDIPDAVPNKK	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	*	2.19	*	*	*	5	2	MC[330]PADC[330]RGRGR	1
							2	MNM[147]YGLHDGQRM[147]GPLSVVIVTAPATEASK	1
							2	VRGEESEVTVGGLEPGC[339]K	1
							2	C[339]VC[339]NPGFTGEDC[339]GSRR	1
							2	C[339]EGGRC[330]VC[330]DPGYTGDDC[339]GMR	1
							2	LSLVTGQSGQGKTAFLASLVSALQAPDGAK	1
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	5.75	1.35	0.00	1	8	3	TLPKGTKSWEEAVAAGNSGDPYPM[147]GPFAC[339]LVQSLR	1
							3	VWDHQGVELTSIPAHSGPISHC[330]AAAMEPR	1
							2	FEKAGDTVSEK	1
							2	ASLYARQQLNVR	1
							1	VGISSR	3
							3	TC[339]DADASGTFR	1
							2	TVLVYLTDANADRLC[330]PK	1
TF3C1_HUMAN (Q12789) General transcription factor 3C polypeptide 1 (Transcription factor IIIC-subunit alpha) (TF3C-alpha) (TFIIIC 220 kDa subunit) (TFIIIC220) (TFIIIC box B-binding subunit) [MASS=238294]	*	2.09	*	*	*	2	3	GYYSPIVSTRNLNPNDISIVVNSC[339]QMK	2
							2	ALPFVPM[147]SYQLSQTYR	1
TGBR3_HUMAN (Q03167) TGF-beta receptor type III precursor (TGFR-3) (Transforming growth factor beta receptor III) (Betaglycan) [MASS=93428]	0.00	5.53	2.79	0.00	1	2	2	C[339]NIGKNFLSLNYLAEYLQPK	1
							3	SVVFLNLSPLVWHLKTERLATGVSR	1
TGIF_HUMAN (Q15583) 5'-TG-3'-interacting factor (Homeobox protein TGIF) [MASS=43043]	0.00	12.72	1.10	0.00	1	2	3	LLETMKGIVAASGSETEDEDSMDIPLDLSSSAGSGK	1
							3	NFTDTSMLYPEDTC[339]K	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	11.11	9.90	0.00	1	2	3	GITTEQLDALGC[339]R	1
							3	SRARAGELWLPHGTVATPVFM[147]PVGQTQATM[147]JK	1

THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	0.00	6.84	1.14	0.00	1	2	3	EKQDTFALASQQK	1
							2	DC[330]LIPM[147]GITSENVNER	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.21	0.02	4	1	2	IHM[147]GSC[339]AENTAK	3
							2	IHM[147]GSC[330]AENTAK	1
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.40	12.59	1.46	0.00	1	2	3	DGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLAR	1
							2	EEC[339]DKYALQSQQR	1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	3.52	*	*	*	3	2	WKHYWVSLK	1
							3	SLHEM[147]NPSDQNPSPQDSTGSQLATM[147]RQLSDADNVRK	1
							2	LSIYEDWDPFR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.44	17.98	1.33	0.00	1	1	3	EVKPEETTC[339]SEHC[339]LQK	2
TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	*	1.42	*	*	*	1	3	MAC[339]RDKSM[147]QDR	3
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	1.18	*	*	*	1	2	VLGESM[147]AGISQNAKTGDLPAFGEC[339]VGIASK	1
TMM22_HUMAN (Q8TBE7) Transmembrane protein 22 [MASS=46449]	0.00	8.01	0.43	0.00	1	2	3	SVFQVLSVLVVC[339]YYQEAPFGPSGYR	1
							2	KLLSEM	1
TMPS7_HUMAN (Q7R7Y8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	*	3.50	*	*	*	1	3	DC[339]ENGRDEQNC[339]TQSIPC[330]NNR	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	0.00	3.31	1.07	0.00	1	3	2	LLSEQTC[330]JR	1
							2	M[147]EPTVADVHLVPR	1
							3	VAAVRGWIGQHIQE	1

TNF13_HUMAN (O75888) Tumor necrosis factor ligand superfamily member 13 precursor (A proliferation-inducing ligand) (APRIL) (TNF- and APOL-related leukocyte expressed ligand 2) (TALL-2) (TNF-related death ligand 1) (TRDL1) (CD256 antigen) [MASS=27433]	*	3.60	*	*	*	1	2	AVLTQKQKK	1
TNMD_HUMAN (Q9H2S6) Tenomodulin (TeM) (hTeM) (Chondromodulin-I-like protein) (ChM1L) (hChM1L) (Myodulin) (Tendin) [MASS=37130]	0.00	8.52	1.58	0.00	1	1	3 IC[339]KSLKIC[330]GLVFGILALTLIVLFWGSK 3 IC[339]KSLKIC[339]GLVFGILALTLIVLFWGSK	1 3	
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	0.00	9.92	1.48	0.00	1	2	3 EPSSGTIPQAKPTVPSPATSSASTM[147]PVR 2 APDSPSSVGRPSSDPGLSPTQPC[330]PEGSGDC[330]R	1 1	
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.97	8.86	1.55	0.00	1	1	3 TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HR	1	
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	17.27	1.12	0.22	4	5	3 SEM[147]EM[147]AHLYSLC[339]DAAHAQTEVAK 2 ILLDQVEEAVADFDEC[339]IR 3 EC[330]LEDVTAVC[330]ILEGFQNNQSMMLADK 3 C[330]IDLEPDNATTYVHKGLLQLQWKQDLDR 2 PESALAAQAK	1 2 1 1 1	
TOP1M_HUMAN (Q969P6) DNA topoisomerase I, mitochondrial precursor (EC 5.99.1.2) (TOP1mt) [MASS=69871]	*	4.83	*	*	*	1	2 SDNTVTWLAAWTESVQNSIKYIM[147]LNPC[330]SK	1	
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	*	3.79	*	*	*	2	3 FLEHKGPVFAPPYEPLPENVK 1 LNDSHKHK	1 1	
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.97	1.17	0.00	1	5	2 TSSGTSLSAMHSSGSSGKAGPLR 2 EC[339]SEAMEVETSVISIDSPQK 3 VVAKWSSNGYFYSGK 3 RRSNVSSPATPTASSSSSTTPTR 2 WYKRM[147]AVILSLEQGNR	1 1 1 1 1	

TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]R	2
TPM2_HUMAN (P07951) Tropomyosin beta chain (Tropomyosin 2) (Beta-tropomyosin) [MASS=32851]	*	4.58	*	*	*	1	2	TIDDLEDEVYAQK	1
TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	*	5.24	*	*	*	1	2	SC[330]PPGFGVVQAGTPERNVC[339]K	1
TR2_HUMAN (P13056) Orphan nuclear receptor TR2 (Testicular receptor 2) [MASS=53042]	0.00	3.11	1.58	0.00	1	1	2	HYGAVTC[339]EGC[339]KGFFK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	1.13	*	*	*	1	1	SGSSDVGR	1
TRFL_HUMAN (P02788) Lactotransferrin precursor (EC 3.4.21.-) (Lactoferrin) (Talaktoferroin alfa) [Contains: Kaliocin-1; Lactoferroxin A; Lactoferroxin B; Lactoferroxin C] [MASS=78181]	0.00	4.23	0.70	0.00	1	1	3	KC[330]NQWSGLSEGSVTC[330]SSASTTEDC[330]IALVLK	1
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	*	3.63	*	*	*	1	2	C[330]QLPALGLLQDIKDALR	1
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	*	5.78	*	*	*	1	3	VWEYSSSIQNSDNDLPVVQGSSSFSLKGYPSLMR	1
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	0.00	4.05	2.99	0.00	1	2	2 3	KSAC[339]SDMLLEGGPTTASVR SELISKSSEILMMFQQVHRK	1 1
TRIM1_HUMAN (Q9UJV3) Midline-2 (Midline defect 2) (Tripartite motif-containing protein 1) (Midin-2) (RING finger protein 60) [MASS=81264]	0.00	5.03	1.56	0.00	1	2	3 2	TYRPTTAMSSERIAC[339]QFC[330]EQDPPR IAC[330]QFC[330]EQDPPR	1 1

TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	2.96	*	*	*	1	3	APKEATVMC[330]EQC[330]DVFYC[330]DPC[339]R	1
							2	GRRDGEDLDSQGDGSSQPDTISIASR	1
							2	APIEDLDLEGQKLLQR	1
							2	EPFPPSSPLQKGGFWSSIPASPASR	1
							3	SKLFTSELGVTEHVEGDPC[330]K	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	5.00	*	*	*	9	2	DFSLRMEK	1
							1	IVAQ GK	1
							3	LVNASVAFYKTSEQVC[330]SVLESLEQEYKR	1
							2	MKAM[147]DVLPIKKEK	2
							2	EAEPIPKMK	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.10	*	*	*	1	2	VENMSM[147]RLEEVNEREHSMK	1
TRPV1_HUMAN (Q8NER1) Transient receptor potential cation channel subfamily V member 1 (TrpV1) (osm-9-like TRP channel 1) (OTRPC1) (Vanilloid receptor 1) (Capsaicin receptor) [MASS=94938]	*	1.91	*	*	*	1	3	HDM[147]LLVEPLNRLQDK	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	*	1.26	*	*	*	1	2	MYDLLLKKC[339]AR	1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	*	4.96	*	*	*	1	3	C[330]GASYAQVM[147]RTVGIHPTC[330]SEEVVKLR	1
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.22	19.09	0.76	0.00	1	5	2	EIHEAGDPTGVESC[330]SQLVPEAPR	1
							2	M[147]KPEEKM[147]ATLDHLHLK	1
							3	RGPDLSMNDR	1
							3	MC[339]SLHDHLSNLPLEGSTGTMTGGSSAGTPPK	1
							3	TIWQSKEIHEAGDPTGVESC[330]SQLVPEAPRR	1

TSSK6_HUMAN (Q9BXA6) Testis-specific serine/threonine-protein kinase 6 (EC 2.7.11.1) (TSSK-6) (Small serine/threonine kinase) (Serine/threonine-protein kinase SSTK) [MASS=30331]	0.00	20.15	0.64	0.00	1	2	3	YLHDHHLVHRDLKC[339]ENVLLSPDER	1
							3	KYDVWSMGVVLYVM[147]VTGC[330]MPFDDSDIAGLPR	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	*	3.95	*	*	*	1	3	IM[147]VLM[147]NSAFLHLGQNNFAEAHRFFTEILR	1
TTC7A_HUMAN (Q9ULT0) Tetratricopeptide repeat protein 7A (TPR repeat protein 7) [MASS=96184]	*	8.51	*	*	*	3	3	EAGFC[330]IQEAAGLFPTSHSVLYMR	1
							3	LHYVEGSYRDAISMYARAGIDDMMSM[147]JENK	1
							2	EALTVNPDGVRIMHSLGLM[147]LSR	1
TXND4_HUMAN (Q9BS26) Thioredoxin domain-containing protein 4 precursor (Endoplasmic reticulum resident protein ERp44) [MASS=46971]	0.97	2.96	1.55	0.00	1	1	2	VDC[339]DQHSDIAQR	1
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.75	3.70	1.31	0.00	1	1	2	VDC[339]TAHSDVC[339]SAQGVR	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	*	8.22	*	*	*	4	2	LIAGKIIPAIATTTAAVVGLVC[339]LELYK	1
							2	QLLHNFPDQLTSSGAPFWSGPKR	1
							1	SLVLQR	1
							3	VGPDTERIYDDDFQNLGVDANALDNVDAR	1
UBE4A_HUMAN (Q14139) Ubiquitin conjugation factor E4 A [MASS=122560]	0.00	3.56	1.04	0.00	1	2	3	IISMLNYFLQHLVGPKM[147]GALK	1
							2	VFC[330]NFQYAPQLAEALIK	1
							3	NDSVIVDTFHGLFK	12
UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	*	4.02	*	*	*	2			
							2	TTSPEEVHAQPPIAIDWEPEMKK	1

UBP18_HUMAN (Q9UMW8) Ubl carboxyl-terminal hydrolase 18 (EC 3.1.2.-) (Ubl thioesterase 18) (ISG15-specific-processing protease) (43 kDa ISG15-specific protease) (hUBP43) [MASS=43011]	0.00	5.38	2.14	0.00	1	1	3	QIC[339]QSILAESSQSPADLEEK	1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	0.00	5.52	0.81	0.00	1	3	2	LRC[339]NQDYTGWNKPR	1
							3	DAEEMRFLDAVHQNRLPAAMK	4
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	3.84	*	*	*	2	2	RITSFSSLSWSVDVDFDLDLSENLAKK	1
							2	QVGHQVLEAYAR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.00	10.59	0.12	0.67	3	5	3	SRPSSTSSASALYGQPLLLSVPKHK	1
							2	VEVYLLELKLC[339]ENSDPTNVLSC[330]HFSK	1
							3	WYYFDDSNVSLASEDQIVTKAAYVLFYQR	1
							2	HKLTLESLYQAVC[330]DR	3
							1	HQQATKK	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	17.94	0.84	0.08	3	2	3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	1
							3	NEAIQAAHDAVAQEGQC[330]R	1

								2	EQC[330]EQLEK	1
								2	SHTEEDC[339]TEELFDLHAR	1
								2	SHTEEDC[330]TEELFDLHAR	1
								1	DHC[339]VAHK	1
								2	EQC[339]EQLEK	3
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.75	0.06	18	4		2	ERLELC[330]DER	1
								2	ERLELC[339]DER	3
								2	DHC[330]VAHK	3
								2	DHC[339]VAHK	5
UD12_HUMAN (P36509) UDP-glucuronosyltransferase 1-2 precursor (EC 2.4.1.17) (UDP-glucuronosyltransferase 1A2) (UDPGT) (UGT1*2) (UGT1-02) (UGT1.2) (UGT-1B) (UGT1B) (HLUGP4) [MASS=60018]	*	6.42	*	*	*	1		3	KALPM[147]EFEAYINASGEHGIVVFLGSM[147]VSEIPEK	1
UFO_HUMAN (P30530) Tyrosine-protein kinase receptor UFO precursor (EC 2.7.10.1) (AXL oncogene) [MASS=97436]	*	4.85	*	*	*	2		3	IAIC[339]TRSELEDFLSEAVC[339]M[147]KEFDHPNVM[147]R	1
								3	ESFPAPVVILPFM[147]K	2
UGTAP_HUMAN (Q9HD40) UGA suppressor tRNA-associated protein (tRNA(Ser/Sec)-associated antigenic protein) (SLA/LP autoantigen) (Soluble liver antigen) (SLA) (Liver-pancreas antigen) (LP) (SLA-p35) [MASS=55726]	0.00	10.38	0.85	0.00	1	2		2	QVSGARVVPLGSMQTVSGYTFR	1
								3	IDQKSC[330]FKSMITAGFEPVVIENVLEGDEL	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	7.43	*	*	*	4		3	ASVWSC[330]QGLSLRLQRFFLDK	1
								3	TPSSQNLLALLARQGVVMTPPRNR	1
								2	PQNILLSNPAGRRANPNSIR	1
								3	QLLLALLQRNHKDR	1
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	0.00	4.92	0.89	0.00	1	2		2	KSC[339]PVPVPM[147]YSGSVSGSSC[339]GSSPSC[339]R	1
								2	PGSC[330]SPVPADTAQTVGRRLLSTGSSR	1

UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	*	7.54	*	*	*	6	2	VSAEVMWHLFAQDMKYALEEHEK	1
							3	IDEC[330]VRQM[147]ADILGQVR	1
							2	WQTAGM[147]FRPFVEVTM[147]VGPHQSDK	1
							2	LDLGLSVEVWNKGLIWDTMVGTVWIALK	1
							2	VSAEVMWHLFAQDM[147]K	1
2	VLGLAVM[147]PLRDVTAK	1							
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	0.00	2.79	0.23	0.00	1	1	3	NQAAQGQWEDVVVVGEENFTTPC[330]YIK	1
							3	NALVSHLDGTTTPVC[339]JEDIGR	2
							2	NALVSHLDGTTTPVC[339]JEDIGR	4
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	16.04	1.42	0.12	11	4	2	LC[339]TSATESEVAR	1
							2	NALVSHLDGTTTPVC[330]JEDIGR	1
							3	YIYDQC[339]PAVAGYGPIQLPDYNR	1
							3	YIYDQC[330]PAVAGYGPIQLPDYNR	1
							2	AVELLGDIVQNC[339]SLEDSQIEKER	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	12.80	1.85	0.03	5	4	2	ENM[147]AYTVEC[339]LR	1
							2	LLTRAGSFSR	1
							2	KFVSGQKSMAASGNLGHPTFVDEL	1
							2	NALANPLYC[330]PDYR	1
							2	NALANPLYC[339]PDYR	3
USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	*	1.92	*	*	*	4	3	M[147]QKISSTELHVEWSPPAELNGIIIRYELYMR	1
							3	QVGKGLIHTDITDR	1
							2	TPLIQYDTSTGLGLVLTTPGKKK	1
							3	GKVVGYDINMLSEQSPQQSIPM[147]AFSQLLHTAK	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.67	1.99	0.69	0.14	3	1	2	LFPHC[330]GR	3

VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	11.51	0.17	1.44	3	3	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							3	ESTFGYVHGVSGPVVTAC[330]DMAGAAM[147]YELVR	1
							3	FC[330]PFYKTVGMLSNM[147]IAFYDM[147]ARR	1
							3	AVETTAQSDNKITWSIIR	1
							2	IPIFSAAGLPHNEIAAQIC[339]R	1
							1	SAIGEGMTR	1
							3	KDHGDVSNQLYAC[330]YAIGKDVQAM[147]K	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	10.33	*	*	*	3	2	IPIFSAAGLPHNEIAAQIC[330]R	4
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	7.83	0.96	0.13	7	2	3	GPVVLAEDFLDIM[147]GQPINPQC[339]R	1
							2	KDHADVSNQLYAC[330]YAIGK	1
							2	YQIDPDAC[339]FSAK	3
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	2.12	0.03	11	2	2	EHINLGC[330]DM[147]DFDIAGPSIR	1
							1	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	2
							2	EHINLGC[339]DM[147]DFDIAGPSIR	2
							3	EHINLGC[339]DM[147]DFDIAGPSIR	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	0.99	11.82	1.41	0.00	2	2	2	SC[339]SGVEFSTSGSSNTDTGK	2
							2	SINAGGHKVGSPWSWRLNPAER	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	3.89	1.51	0.00	1	1	2	VC[339]NYGLTFTQK	1

VILI_HUMAN (P09327) Villin-1 [MASS=92563]	*	7.63	*	*	*	3	3	M[147]VDDGSGEVQVWR TEKQVVVEGQEPANFWMALGGKAPYANTK	1 3
VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	*	3.71	*	*	*	2	2	LQEENLVITPRLFEC[330]SNKTGR	1
VIPR2_HUMAN (P41587) Vasoactive intestinal polypeptide receptor 2 precursor (VIP-R-2) (Pituitary adenylate cyclase-activating polypeptide type III receptor) (PACAP type III receptor) (PACAP-R-3) (Helodermin-preferring VIP receptor) [MASS=49478]	0.64	11.87	3.09	0.00	1	2	2	AIYTLGYSVLSMLATGSIILC[339]LFRK M[147]RTLPPALLTC[330]WLLAPVNSIHPEC[339]JR	1 1
VN1R4_HUMAN (Q7Z5H5) Vomeronasal type-1 receptor 4 (V1r-like receptor 4) (hGPCR27) [MASS=33557]	0.00	7.31	0.52	0.00	1	1	2	GVSIGTTC[330]LLSVFQVITVSSRK	1
VPS16_HUMAN (Q9H269) Vacuolar protein sorting 16 (hVPS16) [MASS=94693]	0.00	2.15	*	*	*	1	2	STHEFLHEVPAASEEIFK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.67	*	*	*	3	2	M[147]IPARFAGVLLALALILPGTLC[339]AEGTR	1
WDR69_HUMAN (Q8N136) WD repeat protein 69 [MASS=45777]	0.00	6.75	0.41	0.00	1	1	3	TVMIDVC[330]TTC[330]RC[339]M[147]VQVGVISGFK VNC[330]TTQPC[330]PTAKAPTC[330]GLC[330]EVARLR	1 1
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	0.00	6.75	0.41	0.00	1	1	2	GHTAEIVC[330]LSFNPQSTLVATGSM[147]DTTAK	1
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	*	4.03	*	*	*	2	3	MPTDVVDLLVEVMDIIMYC[330]LEGLVKKK QLANITM[147]GLPLSPAADSARSARHALSLIATAR	1 1
WNK3_HUMAN (Q9BYP7) Serine/threonine-protein kinase WNK3 (EC 2.7.11.1) (Protein kinase with no lysine 3) (Protein kinase, lysine-deficient 3) [MASS=191788]	0.00	4.48	0.86	0.00	1	4	2	SEHKDVVVDGKISEC[339]ASVETK	1
WSB1_HUMAN (Q9Y6I7) WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWiP-1) [MASS=47432]	*	4.75	*	*	*	1	2	GVPKQGDNFLSFSAAC[330]ETDVSSVTPEK C[339]KAM[147]SGSFQRGR	1 1
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	0.00	4.48	0.86	0.00	1	4	3	GGQEVKYEQC[330]SKSTSEISK	1
WSB1_HUMAN (Q9Y6I7) WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWiP-1) [MASS=47432]	*	4.75	*	*	*	1	2	EIVRLRTIGELLAPAAPFDK	1
XKRY_HUMAN (O14609) Testis-specific XK-related protein, Y-linked [MASS=18083]	0.00	18.24	0.51	0.00	1	1	3	M[147]FIFNSIADDIFPLISC[330]VGAIHC[330]NILAIR	1

XPO1_HUMAN (O14980) Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) [MASS=123385]	0.00	5.98	0.66	0.28	2	3	2	DNKAIIASNIMYIVGQYPRFLR	1
							2	LDINLLDNNVNC[330]LYHGEGAQQR	1
							2	RQM[147]SVPGIFNPHEIPEEMC[330]D	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	0.00	0.97	0.87	0.00	1	1	2	GFEVYLAEM[147]SADNQTTC[339]GKR	1
Z3H7A_HUMAN (Q8IWR0) Zinc finger CCCH-type domain-containing protein 7A [MASS=110537]	*	4.43	*	*	*	2	2	SGPKLM[147]DFTYHANIDHKC[330]K	1
							3	FPTGYFSIC[339]DRYMNGTC[339]PEGNSC[339]K	1
Z585A_HUMAN (Q6P3V2) Zinc finger protein 585A [MASS=87988]	*	2.34	*	*	*	1	2	HQTTHTGDKPYKC[339]GIC[339]GK	1
ZBTB2_HUMAN (Q8N680) Zinc finger and BTB domain-containing protein 2 [MASS=57336]	0.00	2.33	0.08	0.00	1	1	2	MLFVHQTSEC[330]VR	1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	*	7.19	*	*	*	2	2	LKHHLTEHM[147]KTHAGALHAC[330]PHC[339]GR	1
							2	PFGC[330]GIC[330]NKR	1
ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	*	8.35	*	*	*	2	2	EYMDAC[339]GEANNQNFQQRYHAEEVEER	1
							3	LNILTRPSGILVNDTKLDGPILQILFMNNAISK	1
ZDH13_HUMAN (Q8IUH4) Probable palmitoyltransferase ZDHHC13 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 13) (DHHC-13) (Huntingtin-interacting protein 14-related protein) (HIP14-related protein) (Huntingtin-interacting protein HIP3RP) (Putativ [MASS=70888]	0.00	3.70	0.83	0.00	1	1	3	SLHC[330]HVC[330]NC[330]C[330]VARYDQHC[330]LWTGR	1
ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	*	4.20	*	*	*	6	2	SLGSTDSGYFSRSESADQTVSPPTPFARR	1
							3	SSPAPSENTHLSPLK	1
							2	QNGETPGIIAEASK	1
							1	KSPGVK	1
							2	IDFLNKAEFLMIPAGLNTLNVPGC[330]HR	1
							3	AEFLMIPAGLNTLNVPGC[339]HREM[147]RR	1
ZFAN1_HUMAN (Q8TCF1) AN1-type zinc finger protein 1 [MASS=30787]	0.00	5.97	0.59	0.00	1	1	2	SRESHGC[330]PEVTVINER	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFP28_HUMAN (Q8NHY6) Zinc finger protein 28 homolog (Zfp-28) (Krueppel-like zinc finger factor X6) [MASS=98704]	0.00	5.41	0.99	0.00	1	2	2	AHLAQHQKTHHTGEKPYEC[330]K	1
							3	AFGDNSSC[339]TQHQRQLHTGQRPYEC[339]IEC[339]GK	1

ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	2.37	*	*	*	1	3	SPREYYVQQEVIVLFC[339]ETVER	1
ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	0.00	1.47	3.53	0.00	1	1	2	GM[147]HAVGQSEIVILLQC[339]LPDEK	1
ZIMP7_HUMAN (Q8NF64) PIAS-like protein Zimp7 [MASS=96536]	0.00	3.04	2.09	0.00	1	1	3	SPFLPDLKPNLNSLHSSPSGSGPC[339]DELR	1
ZMYM1_HUMAN (Q5SVZ6) Zinc finger MYM-type protein 1 [MASS=128716]	0.00	3.42	0.50	0.00	1	2	3	KGSAQLFC[330]SIPC[330]ITEYISSASSPVPSK	1
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	*	2.74	*	*	*	1	3	EPYNVKIHKIVAR	1
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	3.02	1.48	0.00	1	3	2	WKHYLR	1
							2	KHC[339]FDPVPPAGNSSPTEAPK	1
							3	RHPEPAQPAPGSPAETTEGLHC[339]SR	1
ZN148_HUMAN (Q9UQR1) Zinc finger protein 148 (Zinc finger DNA-binding protein 89) (Transcription factor ZBP-89) [MASS=88976]	0.00	4.79	0.41	0.00	1	3	2	C[330]GGIDEMQSSR	1
							2	PYQC[339]EYC[339]LQYFSRTDR	1
							3	HKRMC[330]HENHDK	1
ZN177_HUMAN (Q13360) Zinc finger protein 177 [MASS=36369]	*	11.84	*	*	*	2	2	EC[330]GKAFTVPSSLQK	1
							2	NLASVGYQLC[330]RHSLISKVDQEQLK	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	0.00	2.01	0.53	0.00	1	2	2	HM[147]KTHR	1
							3	RHQTVPSAVSATGETEGGDIC[330]MEEEEHSDR	1
ZN257_HUMAN (Q9Y2Q1) Zinc finger protein 257 (Bone marrow zinc finger 4) (BMZF-4) [MASS=62348]	*	2.43	*	*	*	1	2	C[339]EHENLQLRKGC[339]K	1
ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	*	7.34	*	*	*	2	2	GYNGLNQC[330]LTTTQSKIFQC[339]DK	1
							3	C[339]EEC[339]GKAFNQSSLTR	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	7.12	*	*	*	4	2	HLC[330]PVTLDGERSAESPVLVTRITR	1
							2	VRKPEEM[147]M[147]SLTMSSNYGSPSR	1
							3	IRC[330]DDC[330]GFLADGLSGLNVHIAM[147]K	1
							2	SFLC[330]DLC[339]GFAGGTR	1
ZN420_HUMAN (Q8TAQ5) Zinc finger protein 420 [MASS=80246]	0.00	1.74	1.23	0.00	1	1	3	LENC[330]DLEESNSR	1
ZN430_HUMAN (Q9H8G1) Zinc finger protein 430 [MASS=66346]	0.00	7.54	0.43	0.00	1	2	2	NLVFLAGIAVSKPDLITC[330]LEQ GK	1
							2	EASGC[330]PGADRNLLVYSFYEK	1

ZN443_HUMAN (Q9Y2A4) Zinc finger protein 443 (Krueppel-type zinc finger protein ZK1) [MASS=77547]	*	4.77	*	*	*	2	3	HM[147]AVQRGDGPYKC[339]JK	1
							2	DVMQETIRNLDC[339]VVMKWK	1
ZN446_HUMAN (Q9NWS9) Zinc finger protein 446 [MASS=48957]	*	4.67	*	*	*	1	2	RSLTGPRSYPC[330]EEEC[339]GC[330]SFSWK	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	0.00	1.06	1.19	0.00	1	1	2	KPASC[339]VLVSPSNLER	1
ZN502_HUMAN (Q8TBZ5) Zinc finger protein 502 [MASS=62920]	0.00	1.84	0.55	0.00	1	1	2	RETC[330]PGWVNK	1
ZN519_HUMAN (Q8TB69) Zinc finger protein 519 [MASS=63021]	*	3.52	*	*	*	1	2	C[330]EEEC[330]GKAFNRGSYLTQHQR	1
ZN555_HUMAN (Q8NEP9) Zinc finger protein 555 [MASS=73062]	*	6.69	*	*	*	3	3	WPSSLPIHMLHTGEK	1
							3	VFKWPSSLPIHM[147]R	1
							2	AFSHPSSFRGHM[147]R	1
							3	VFSC[339]GSTLETHK	8
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	1.66	*	*	*	1			
ZN645_HUMAN (Q8N7E2) Zinc finger protein 645 [MASS=48784]	0.00	2.12	0.30	0.00	1	1	2	RLSPC[330]PPTR	1
ZN680_HUMAN (Q8NEM1) Zinc finger protein 680 [MASS=61741]	*	3.21	*	*	*	1	2	EC[339]GKSFC[330]MLSHLTQHIR	1
							1	NLTSVGK	3
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	8.27	*	*	*	4	2	EC[339]GNAFSFPSEIRRHK	2
							2	VM[147]HSGDGPYKC[339]JK	1
							2	RNLMLREK	1
ZNF43_HUMAN (P17038) Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27) [MASS=93487]	0.00	3.74	0.76	0.00	1	1	3	NVMLENYRNLVFLGIAVSKPDLITC[330]LEQEK	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.24	6.96	1.59	0.00	1	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	2
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	*	1.21	*	*	*	1	3	GLHLLQSGAVDR	1

Table 8. EAD Mitochondrial Study

Experiment 2

Description	A = Protein Score				E = XPress Peptides			Peptide Sequence	H
	A	B	C	D	E	F	G		
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.00	9.41	0.64	0.00	1	1	3	LIC[330]C[330]DILDVLDKHLIPAANTGESK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.04	0.00	2	1	2 2	ELEAVC[339]QDVLSLLDNYLIK ELEAVC[330]QDVLSLLDNYLIK	1 1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	*	6.53	*	*	*	1	3	LAEQAERYDDM[147]AAC[339]M[147]K	1
2A5E_HUMAN (Q16537) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform (PP2A, B subunit, B' epsilon isoform) (PP2A, B subunit, B56 epsilon isoform) (PP2A, B subunit, PR61 epsilon isoform) (PP2A, B subunit, R5 epsilon isoform) [MASS=54699]	0.00	8.78	0.58	0.00	1	2	3 3	DPSLTEPVIRGLMKFWPK LQQC[330]C[330]VIFDFM[147]DTLSDLKMKKEYK	1 1
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	*	2.14	*	*	*	1	3	SPPETAAPVEDM[147]ARR	1
5HT7R_HUMAN (P34969) 5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7) [MASS=53555]	0.00	2.09	0.32	0.00	1	1	2	EVEEC[330]ANLSR	1
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	9.53	1.69	0.04	5	3	2 2 1 2	NLDKEYLPIGGLAEFC[339]K NLDKEYLPIGGLAEFC[330]K VGAFTM[147]VC[330]K TC[339]GFDFTGAVEDISK	2 1 1 1
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	0.00	5.06	4.72	0.00	1	1	3	RDLMGNILLC[339]GGSTMLSGFPNR	1

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	*	2.05	*	*	*	1	3	AITKSFARIHETNLK	1
ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	*	4.28	*	*	*	1	2	GLAPEQPVTLRASLRDEK	1
ACSL4_HUMAN (O60488) Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	0.00	3.23	18.25	0.00	1	1	3	GDC[339]TVLKPTLM[147]AAVPEIMDRIYK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	0.00	13.07	0.92	0.00	1	2	3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIM[147]K DLYANTVLSGGTTM[147]YPGIADR	1 1
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	*	1.33	*	*	*	1	1	PKHVR	1
ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	0.00	3.38	0.38	0.00	1	2	2	VHLMGYNC[339]NATTKC[339]K RNEISKSC[330]NR	1 1
ADA22_HUMAN (Q9P0K1) ADAM 22 precursor (A disintegrin and metalloproteinase domain 22) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 2) (Metalloproteinase-disintegrin ADAM22-3) [MASS=100432]	*	2.98	*	*	*	1	3	FTQC[339]NIEEYHDFLNSGGGAC[339]LFNKPSK	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	*	0.89	*	*	*	1	2	YSKQVDDR	1

ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	*	2.83	*	*	*	2	3	IGLNM[147]GPVVAGVIGAR	1
							2	LLNEIADFDEIISEER	1
ADCY8_HUMAN (P40145) Adenylate cyclase type 8 (EC 4.6.1.1) (Adenylate cyclase type VIII) (ATP pyrophosphate-lyase 8) (Ca(2+)/calmodulin-activated adenyl cyclase) [MASS=140121]	0.00	1.92	1.56	0.00	1	1	3	IKTIGSTYMAVSGLSPEKQQC[339]EDK	1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain-containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	*	2.87	*	*	*	1	1	DGTPGEK	1
ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	0.00	4.78	1.13	0.00	1	4	1	VGGAFGGK	1
							3	LIGRHWNEQMLDIAC[339]R	1
							3	HWNEQMLDIAC[330]RLILNEVSLLSAPGGKVEFK	1
							1	DLLEFKFK	1
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferredoxin reductase) (Ferredoxin--NADP(+) reductase) [MASS=53836]	*	2.24	*	*	*	1	2	HPQAHVDIYEK	1
							2	EFHGLGDC[339]IIK	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	12.79	1.83	0.03	9	2	2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
							2	EFHGLGDC[330]IIK	1
							1	EFHGLGDC[330]IIK	1
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	1
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1

ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.33	2.69	2.60	0.00	1	1	1	GLGDC[330]LVK	1
							2	GLGDC[339]LVK	1
AKA11_HUMAN (Q9UKA4) A-kinase anchor protein 11 (Protein kinase A-anchoring protein 11) (PRKA11) (A kinase anchor protein 220 kDa) (AKAP 220) (hAKAP220) [MASS=210511]	*	0.37	*	*	*	1	1	QRAFSLK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	0.00	1.36	0.29	0.00	1	4	3	EHYVAVQLLKEEC[330]GTLK	1
							3	QHMAQMEEMKTRHK	1
							2	ARQTIAEQESK	1
							3	ELLSRQKEAMK	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	1.25	*	*	*	1	1	DGATM[147]K	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDHI) (ALDH-E2) [MASS=56381]	0.89	2.13	1.81	0.00	1	1	2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.32	7.71	*	*	*	1	3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.32	3.03	0.84	0.00	1	1	2	AEVNGLAAQGK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	0.00	1.82	1.69	0.00	1	4	2	AELFGHGR	1
							3	SDTTVESSHSGSNDIAIPDFPAQVLGTR	1
							3	SEPEGC[339]SGTIGNKIIIPM[147]MTVIK	1
							3	QSQKLPVDFERSFQEEK	1
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	0.49	2.03	0.80	0.00	1	1	2	AC[339]NPSYSGGXGR	1

AMOL1_HUMAN (Q8IY63) Angiotenin-like protein 1 [MASS=106573]	*	1.05	*	*	*	1	1	HPAAKGTAEK	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	*	1.21	*	*	*	1	1	VFPQVNVTK	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	*	1.03	*	*	*	2	1 1	HLMLLR EIPIIK	1 1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	0.64	*	*	*	3	2 1 2	GRSKLPIR TFGSSAHK HQPVSTAGK	1 1 1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	0.00	1.61	0.96	0.00	1	3	2 1 3	EDSAFDEY[C330]NK NNTIAPK GLDDDTPLHDAANNGHYKVKLLLR	1 1 1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.21	1.33	2.32	0.00	1	1	1	IC[339]ELYAK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	*	1.16	*	*	*	1	2	MDRQM[147]FLATWK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	*	1.23	*	*	*	1	2	FKGDKALDGYSK	1

AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	0.63	1.81	0.70	0.00	1	1	2	TVFEALQAPAC[330]HENLVK	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	*	3.91	*	*	*	1	2	ESQISAEIELLPTNDKK	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	6.49	*	*	*	1	3	LFENQLVGPESIAHIGDVMFTGTADGR	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	0.00	12.20	4.00	0.00	1	1	3	NLGAPRGGLEPIAIGLLIIVIASLGLNSGC[339]AM[147]NPAR	1
ARF6_HUMAN (P62330) ADP-ribosylation factor 6 [MASS=19951]	0.00	11.49	*	*	*	1	3	QDLPDAMKPHEIQEKLGLTR	1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	*	0.45	*	*	*	1	2	VYELGNEPER	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	0.22	1.31	0.69	0.00	1	2	2 2	RGSRNLVFR FLKMRGMEILGNLC[330]K	1 1
ARMX2_HUMAN (Q7L311) Armadillo repeat-containing X-linked protein 2 (Protein ALEX2) (ARM protein lost in epithelial cancers on chromosome X 2) [MASS=65683]	*	2.69	*	*	*	1	3	PPFYEIDEILGVRDLRK	1

ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	0.00	4.49	1.77	0.00	1	1	3	RLKVYMNQVC[339]DDTISR	1
ASB10_HUMAN (Q8WXI3) Ankyrin repeat and SOCS box protein 10 (ASB-10) [MASS=46609]	0.00	5.36	*	*	*	1	3	RGAC[330]PDARNAEGWTPLLAAC[339]DVR	1
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	3.90	0.42	0.00	1	3	1 DPSRNR 2 LIPHVQVFARVAPK 3 C[330]IVDEAMLTGESVPQM[147]KEPIEDLSPDR	1 1 1	
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	4.74	0.59	0.14	6	4	2 VLGFC[339]HYLPEEQFPK 2 VLGFC[330]HYLPEEQFPK 1 C[330]IELSSGSVK 2 C[330]STILLQGK 2 SPDC[330]THDNPLETR	1 1 1 1 2	
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	0.45	4.29	0.54	0.00	1	1	2 YNPNVLPVQC[330]TGK	1	
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	1.34	*	*	*	1	2 KSM[147]SVYC[339]TPNKPSR	1	
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	0.00	4.22	0.88	0.00	1	3	2 C[330]LALATRDAPPRK 1 VEPAHK 3 M[147]NVFDTDLQALSRVERAGAC[330]NTVIK	1 1 1	
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.42	1.11	0.77	0.00	1	1	2 TEC[330]ALLGLLLDLKR	1	

AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	*	1.52	*	*	*	1	2	MMQAEAEAPKTPLQK	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1	C[339]IADLK	1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	*	1.00	*	*	*	1	1	RENAALR	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	*	14.00	*	*	*	1	1	YSQIC[339]AK	1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	2.09	0.00	2	1	2	GLC[339]GAIHSSIAK GLC[330]GAIHSSIAK	1 1
ATRIP_HUMAN (Q8WXE1) ATR-interacting protein (ATM and Rad3-related-interacting protein) [MASS=85837]	*	1.52	*	*	*	1	3	LAENTSC[330]DFLPR	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	0.90	6.65	0.00	1	1	3	TRPVTGLVPC[339]K	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	0.00	1.42	1.46	0.00	1	1	2	AC[330]APGERPNFLGIR	1
B4GT7_HUMAN (Q9UBV7) Beta-1,4-galactosyltransferase 7 (EC 2.4.1.-) (Beta-1,4-GalTase 7) (Beta4Gal-T7) (b4Gal-T7) (UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 7) (UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 7) [Includes: X [MASS=37406]	0.00	4.28	0.80	0.00	1	1	2	LC[330]NGM[147]SNRFGWGR	1

BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	*	0.31	*	*	*	1	3	DYELQTM TYR	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	0.00	0.78	0.45	0.00	1	1	3	Q NMC[330]KDLIDPC[330]TSEK VSLIDMVQR	1
BPIL1_HUMAN (Q8N4F0) Bactericidal/permeability-increasing protein-like 1 precursor (Long palate, lung and nasal epithelium carcinoma-associated protein 2) (RYSR) [MASS=49172]	0.45	4.37	*	*	*	1	3	LIPEVARQFPEPM[147]PVVLKVR	1
BRAP_HUMAN (Q7Z569) BRCA1-associated protein (EC 6.3.2.-) (BRAP2) (Impedes mitogenic signal propagation) (IMP) (RING finger protein 52) (NY-REN-63 antigen) [MASS=67290]	0.00	2.36	11.95	0.00	1	1	3	C[339]LRANQVLLQNKLK	1
BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	*	1.07	*	*	*	2	3	GLIHGC[339]SKDNR YFLGIAGGK	1 1
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	*	1.01	*	*	*	1	1	NDVDP PRK	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	0.23	2.24	*	*	*	2	3	IMLSAGHDGSIFIWDITKGTK TAYLGTHKTSAGISSGVTSGDSSDSAESSER	1 1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	*	0.57	*	*	*	1	1	HKADVVK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	0.97	*	*	*	3	3	GYM[147]TPASPAGSER PPSAPAGGGQLPAAGAAR ATPAELR	2 1 1
BUB3_HUMAN (O43684) Mitotic checkpoint protein BUB3 [MASS=37155]	0.00	5.79	*	*	*	1	3	FSPNTSQFLLVSSWDTSVR	1

C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	*	1.56	*	*	*	1	2	LRGGGSR[330]AGTVEVEIQR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	0.75	7.69	1.45	0.00	1	1	2	SLC[339]LGPALIHTAK	1
							3	C[330]PSSLSNSRTHK	7
C8AP2_HUMAN (Q9UKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	0.00	0.96	0.07	4.29	2	2			
							1	TESKSSK	4
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	*	0.92	*	*	*	1	1	LLKPAVVGIK	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	*	0.18	*	*	*	1	1	STPLHK	1
CALD1_HUMAN (Q05682) Caldesmon (CDM) [MASS=93249]	0.00	1.77	*	*	*	1	3	PAASDLPVPAEGVR	1
CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	*	1.34	*	*	*	1	2	DAPSDMYKIMK	1

CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	0.00	2.32	1.19	0.00	1	1	3	KSVHNGFAKEFWEEETFNC[339]HLQEGAK	1
CC038_HUMAN (Q5JPI3) Uncharacterized protein C3orf38 [MASS=37541]	*	4.56	*	*	*	1	3	TEDIHLFQQQVKEDK	1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	0.00	2.00	*	*	*	1	3	TDEDEKILNLENSNKSLSGELR	2
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	0.00	4.75	1.11	0.00	1	1	2	HAQTFVALC[339]ATDVK	1
CCNL2_HUMAN (Q96S94) Cyclin-L2 (Paneth cell-enhanced expression protein) [MASS=58147]	0.00	2.88	0.77	0.00	1	1	2	VVGC[330]ELIQAAGILLR	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	*	1.19	*	*	*	2	3 1	QMGM[147]TDDVSTIK RRAGGR	1 1
CD38_HUMAN (P28907) ADP-ribosyl cyclase 1 (EC 3.2.2.5) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (Lymphocyte differentiation antigen CD38) (T10) (Acute lymphoblastic leukemia cells antigen CD38) [MASS=34328]	0.00	5.00	3.71	0.00	1	1	3	HPC[339]NITEEDYQPLMK	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.76	6.78	0.55	0.00	1	1	2	NNLC[330]PSGSNIISNLFK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	*	3.08	*	*	*	1	1	SC[330]PDAIK	1
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	*	1.88	*	*	*	1	3	WIARSTQGSEVTAGEAAVSSLR	1

CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.83	5.76	0.81	0.00	1	1	2	C[339]VVVGDGAVGK	1	
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	0.00	1.65	2.27	0.00	1	1	3	EMAIM[147]IEEQKC[339]TIQQNLEQEK	1	
CEA20_HUMAN (Q6UY09) Carcinoembryonic antigen-related cell adhesion molecule 20 precursor [MASS=64502]	0.00	3.59	*	*	*	1	3	ARSEPLELTINYGPDQVHITR	1	
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	2.57	0.66	0.00	1	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1	
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	0.00	0.76	*	*	*	1	3	IKEEPSKILSGNK	5	
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	*	0.49	*	*	*	1	2	DQFIATLREM[147]IAR	1	
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	0.00	1.09	0.65	0.00	1	2	2	TNQEHAALAEANSK	1	
CEP35_HUMAN (Q5VT06) Centrosome-associated protein 350 (Centrosome-associated protein of 350 kDa) [MASS=350928]	0.00	1.51	*	*	*	4	3	C[330]EETGNAYEDLSQKYKAAQEK	1	
CEP41_HUMAN (Q9BYV8) Centrosomal protein of 41 kDa (Cep41 protein) (Testis-specific gene A14 protein) [MASS=41368]	0.00	4.56	*	*	*	1	1	1	KELEDQR	1
CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	0.00	1.42	*	*	*	1	3	1	SYQLYGK	1
CG036_HUMAN (Q9NRH1) Protein C7orf36 [MASS=25299]	0.00	4.42	0.18	0.00	1	1	2	3	ELNATSRILDLM[147]SDGKVGESSK	1
								2	DDFEVSSLLSLR	1
								3	SAQNLPGGGPASHSNPR	1
								3	RRQSVLNLM[147]THSVNQQQNIHR	1
								2	LC[330]ENNAEFNK	1

CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	11.69	1.48	0.04	4	4	2	C[339]EFQDAYVLLSEK	2
							3	ALMLQGVDLLADAVAVTMGPK	1
							2	AAVEEGIVLGGGC[339]ALLR	1
							2	C[339]IPALDSLTPANEDQK	1
							3	MGNLVIPLGKGRAGR	10
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	0.00	1.04	*	*	*	1			
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	0.50	*	*	*	1	1	FAELPEFR	1
							1	LPC[339]VAAK	3
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.00	6.87	2.06	0.00	1	3	2	HLPNDPM[147]FKLVLAQLYK	1
							1	GFSIPEC[339]QK	1
							1	LPC[330]VAAK	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	0.62	10.19	1.38	0.00	1	1	2	KFPFC[339]DGAHTK	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	0.00	2.48	2.83	0.00	1	3	3	DGHGIC[339]VISRQHM[147]NTM[147]IK	1
							3	GNLELRPGGAHPGTC[330]SPSR	1
							2	PSRSLGNM[147]YR	1
CLC11_HUMAN (Q9Y240) C-type lectin domain family 11 member A precursor (Stem cell growth factor) (Lymphocyte secreted C-type lectin) (p47) (C-type lectin superfamily member 3) [MASS=35694]	0.00	7.74	1.59	0.00	1	1	3	DFEAQAAAQARC[339]TARGGSLAQPADR	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.77	*	*	*	2	2	FLQM[147]ARKK	1
							3	C[339]NEPAVWSQLAQAQLQKDLVK	1

CLK4_HUMAN (Q9HAZ1) Dual specificity protein kinase CLK4 (EC 2.7.12.1) (CDC-like kinase 4) [MASS=57492]	0.40	1.87	1.88	0.00	1	1	2	THC[339]PDWDSR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.42	1.48	0.07	5	2	2	DIPFSAIYFPVYAHC[339]K	2
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	1.62	*	*	*	1	3	MPFTLHLRSR	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	4.04	0.97	0.03	2	2	1	FC[339]DYGK	1
							1	FC[330]DYGK	1
							2	RPPGVLHC[330]TTK	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	*	1.54	*	*	*	1	3	LIDPDVTSDEESPK	1
CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	*	2.93	*	*	*	2	3	NWKPYHQDGNIWAFPGNINSDGVVR	1
							3	TLTPWGVFLENMGK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.37	2.87	1.02	0.00	1	1	3	AEEAAGEESC[339]GASPTPATASPPGPTLKAR	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	*	0.78	*	*	*	1	2	GARGDSGPPGR	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	0.00	5.25	1.37	0.00	1	2	3	RLLLFSDGNSQGATPAAIEKAVQEAQR	1
							3	GEMGYPLPGC[339]KGSFGFDGIQGGPPGPK	1
CO7_HUMAN (P10643) Complement component C7 precursor [MASS=93518]	0.00	2.61	*	*	*	1	3	SFFRSSSSSSRSYSHTNEIHK	1
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.74	26.98	1.26	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	*	7.84	*	*	*	1	3	FM[147]M[147]DDIQLC[330]KDIM[147]DLK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	0.00	3.42	0.61	0.00	1	3	2	GELESAQAQIKILEEK	1
							1	SREIAFK	1
							2	TIEHLTC[330]VNHQLESEK	1

CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIB polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504]	*	2.56	*	*	*	1	3	QRGRGTGPPALVR	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	*	5.88	*	*	*	1	2	TGHTALRRVMSGC[339]R	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	0.00	5.13	2.41	0.00	1	2	2 SDSKGGHGSWSGSPSPQC[330]LRSPVTR 3 TGTWSGPAPRC[339]ELSTSAVQC[339]PHPQILRGR	1 1	
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	0.41	11.03	1.79	0.00	1	2	3 C[339]KDDEFTHLYTLIVRPDNTYEVK 3 PEDWDEEMDGEWEPPIQNPEYK	1 1	
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	*	8.92	*	*	*	1	3	TVVPVTKHRGYLGVMPAYSAEALTTK	1
CS015_HUMAN (Q6ZRH7) Uncharacterized protein C19orf15 precursor [MASS=133043]	*	1.12	*	*	*	1	3	AEPKEAVERQLM[147]T	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	1.17	0.31	0.00	1	3	3 QPMTLTVTSFNASTGR 3 STVRYAC[330]DTGYILHGSEER 2 GFKLFPGK	1 1 2	
CSN5_HUMAN (Q92905) COP9 signalosome complex subunit 5 (EC 3.4.-.-) (Signalosome subunit 5) (SGN5) (Jun activation domain-binding protein 1) [MASS=37447]	0.00	12.61	*	*	*	2	3 M[147]VM[147]HARSGGNLEVMGLMLGK 3 LEQSEAQLGRGSFMLGLETHDR	1 1	
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	0.38	*	*	*	1	3	KSATVIPEIEGIK	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	0.00	3.44	7.88	0.00	1	1	3	PC[339]PPFLRGLLEEAPASSEETYQVPTLPR	1

CT2NL_HUMAN (Q9P2B4) CTTNBP2 N-terminal-like protein [MASS=70158]	0.00	1.25	2.53	0.00	1	1	3	QC[339]KNM[147]QER	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	1.28	*	*	*	1	2	SPQMVSAIVR	1
CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	*	1.78	*	*	*	3	2	SLEQRIVELSEANK	1
							3	LLGNSLLKLEGDDR	1
							2	MHHNIPHR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	1.61	*	*	*	2	3	PFRVLISLLDKPEIGPQVVGNIFFLEVIR	1
							1	PVDLLGATK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	0.25	7.03	2.54	0.00	1	1	3	AALLFVSSVC[339]IGLALTLC[339]ALVIRESC[339]AKDFR	1
CUBN_HUMAN (O60494) Cubilin precursor (Intrinsic factor-cobalamin receptor) (Intrinsic factor-vitamin B12 receptor) (460 kDa receptor) (Intestinal intrinsic factor receptor) [MASS=398724]	*	0.22	*	*	*	1	1	DGETLLGK	1
CV106_HUMAN (Q6P0N0) Protein C14orf106 (P243) [MASS=129085]	0.00	1.50	0.27	0.00	1	1	2	VIEQRC[330]MRYNLSAGTIK	1
CX038_HUMAN (Q8TB03) Protein CXorf38 [MASS=36670]	0.38	2.82	1.14	0.00	1	1	3	LDSLCL[339]LHQB	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	6.15	1.58	0.06	2	2	1	DVC[339]TFLR	1
							2	HLVGVC[339]YTEDEAK	1
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-1) [MASS=16362]	*	4.26	*	*	*	1	1	SLVKSR	1
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Dublin) [MASS=44925]	0.00	4.73	1.25	0.00	1	1	3	FRYAQDDFSLDENEC[339]RVM[147]K	1
							3	ILPQDVILKFR	6
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	0.00	1.38	*	*	*	1			
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	0.00	7.38	*	*	*	2	3	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR	1
							1	AKAASAGK	2

DGKB_HUMAN (Q9Y6T7) Diacylglycerol kinase beta (EC 2.7.1.107) (Diglyceride kinase beta) (DGK-beta) (DAG kinase beta) (90 kDa diacylglycerol kinase) [MASS=90595]	0.00	2.61	0.60	0.00	1	1	3	RNTDVM[147]HHYWVEGNC[330]PTKC[330]DK	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	1.38	*	*	*	1	2	QVSQTRFYVAESR	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	5.02	1.44	0.07	3	2	2 IIKPC[339]NHVLSLSFPIR 2 C[339]AVVDVPPFGGAK	1 2	
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	6.78	1.20	0.03	2	2	3 HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANR 2 AAFGLSEAGFNTAC[339]VTK	1 1	
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	0.66	3.93	1.75	0.00	1	1	2 C[339]GPM[147]VLDALIK	1	
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	*	2.19	*	*	*	5	1 NLVPPK 1 ISSVHK 2 TKLHNESK 2 SVMESRTKLHNESK 2 PNIILGLVIC[330]QKIKR	1 1 1 1 1	
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	0.80	*	*	*	1	3 LLGSASSEDIWR	1	
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	4.91	1.16	0.05	2	2	2 VC[330]HAHPTLSEAFR 2 NFQRILQKQGFK 2 VC[339]HAHPTLSEAFR	1 1 1	
DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	*	1.38	*	*	*	1	3 IIDGGAAQKDGR	1	

DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	0.69	2.57	1.58	0.00	1	1	3	IIPGGAAAMDGRLGVNDC[339]VLR	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	0.00	1.00	1.56	0.00	1	2	1 LIM[147]SER 2 SC[339]QDSLTLSELLK	1 1	
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	0.26	*	*	*	1	1 SLAYWVMK	1	
DNL3_HUMAN (P49916) DNA ligase 3 (EC 6.5.1.1) (DNA ligase III) (Polydeoxyribonucleotide synthase [ATP] 3) [MASS=102690]	*	1.74	*	*	*	1	3 VLHNAQEVEKEPGQRR	1	
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	*	0.78	*	*	*	1	2 IANM[147]FELSVPFR	1	
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	0.00	0.54	0.95	0.00	1	1	2 LRLC[330]FKEFIMR	1	
DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	0.00	2.17	*	*	*	2	3 GSVLLAKPKLIEPLDYENVIVQK 3 QM[147]LATTSPALM[147]NGSGQSPSVLK	1 1	
DPCA2_HUMAN (Q86SG4) Dresden prostate carcinoma 2 protein (D-PCa-2) [MASS=20403]	0.00	13.37	1.80	0.00	1	2	2 M[147]EPWAMR 3 AEQC[339]EEEEAM[147]TPRPTK	1 1	
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	3.07	4.99	0.00	1	2	2 LAVYC[339]LKDAYLPLRLLER 2 IAPLRVLSFDIEC[330]AGR	1 1	
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	8.22	0.58	0.05	5	3	2 AITIANQTNC[330]PLYITK 2 FQLTDC[330]QIYEVLSVIR	1 2	
DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	1.00	1.49	*	*	*	2	2 FQLTDC[339]QIYEVLSVIR 2 GLYDGPVC[330]EVSVTPK	1 1	
DSCL1_HUMAN (Q8TD84) Down syndrome cell adhesion molecule-like protein 1 precursor (Down syndrome cell adhesion molecule 2) [MASS=224461]	0.00	1.51	*	*	*	2	3 GYQIGYRENSPGSNGQYSIVEM[147]K 2 NITAVAGR	1 1	

DSCR2_HUMAN (O95456) Down syndrome critical region protein 2 (Leucine-rich protein C21-LRP) [MASS=32854]	0.39	3.47	2.57	0.00	1	1	2	NM[147]QITILTC[330]R	1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	*	0.40	*	*	*	2	2 2	MSAQMNR FFMARVRLQLK	1 1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	0.69	*	*	*	3	3 1 3	C[330]LGSLFSM[147]LHQAC[339]R DQLGTAK YGTQRVISFIR	1 1 1
DYN1_HUMAN (Q05193) Dynamamin-1 (EC 3.6.5.5) [MASS=97407]	0.96	1.62	0.84	0.00	1	1	2	C[330]VDM[147]VISELISTVR	1
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	*	0.58	*	*	*	1	3	SLRTDALLGEFR	1
E2AK1_HUMAN (Q9BQ13) Eukaryotic translation initiation factor 2-alpha kinase 1 (EC 2.7.11.1) (Heme-regulated eukaryotic initiation factor eIF-2-alpha kinase) (Heme-regulated inhibitor) (Heme-controlled repressor) (HCR) (Hemin-sensitive initiation factor) [MASS=71106]	0.00	2.22	0.36	0.00	1	1	2	IGDFGLAC[330]TDILQK	1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	*	1.60	*	*	*	1	1	SPGEKSR	1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	*	2.04	*	*	*	1	3	EAKLQHPDM[147]LVTKAVVYR	1
E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	*	1.20	*	*	*	1	3	AQELEKTQDDL[M][147]K	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	*	5.75	*	*	*	1	3	VLVAPPPDEEANATSAVVSLNETVTEVPEETK	1

ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	*	1.44	*	*	*	1	2	C[339]LAPM[147]MSEVIR	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.88	0.04	3	2	2	ALNALC[339]DGLIDELNQALK	1
							2	IC[339]PVETLVVEEAIQC[339]AEK	2
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBFE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoil-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	0.00	4.16	0.26	0.00	1	2	3	LC[330]NKPIQSLPNMDSIFSEALLKMR	1
							1	GFSAPR	4
EDN1_HUMAN (P05305) Endothelin-1 precursor (Preproendothelin-1) (PPET1) [Contains: Endothelin-1 (ET-1); Big endothelin-1] [MASS=24425]	0.00	4.25	1.96	0.00	1	1	3	KC[330]IYQQLVR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.66	8.66	1.04	0.00	1	2	3	DGNASGTTLLEALDC[339]ILPPTTRPTDKPLR	1
							2	DM[147]RQTVAVGVK	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	*	1.51	*	*	*	1	1	VETGILR	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	*	3.10	*	*	*	1	3	LLDAVDTYIPVPAR	1
ENK8_HUMAN (Q9HDB8) HERV-K_3q12.3 provirus ancestral Env polyprotein (Envelope polyprotein) (HERV-K(II) envelope protein) [Includes: Truncated surface protein (SU)] [MASS=27904]	0.00	7.76	0.99	0.00	1	1	2	C[339]PAKPEEEGM[147]M[147]INISIVYR	1

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydrolyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	0.99	4.85	0.64	0.00	1	2	1	QRYLGK	1
							2	VNQIGSVTEAIQAC[330]K	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	5.45	*	*	*	1	3	DVREPPALKYGIVLDAGSSHTSM[147]FIYK	1
ENP3_HUMAN (O75355) Ectonucleoside triphosphate diphosphohydrolase 3 (EC 3.6.1.5) (NTPDase3) (Ecto-ATP diphosphohydrolase) (ATPDase) (Ecto-apyrase) (CD39 antigen-like 3) (HB6) [MASS=59133]	*	2.46	*	*	*	1	3	HSEHAFDHAVDSD	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	*	1.93	*	*	*	1	3	C[339]PPHSYSVWEGATSC[330]TC[339]DR	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	0.00	3.25	1.28	0.00	1	2	3	ARTVAGYGFSGK	1
							3	LYC[339]NGDGEWM[147]VPIGRC[339]TC[339]K	1
ERN2_HUMAN (Q76MJ5) Serine/threonine-protein kinase/endoribonuclease IRE2 precursor (Inositol-requiring protein 2) (hIRE2p) (IRE1b) (Ire1-beta) (Endoplasmic reticulum-to-nucleus signaling 2) [Includes: Serine/threonine-protein kinase (EC 2.7.11.1); Endor [MASS=102250]	0.00	5.84	0.11	0.00	1	2	3	SC[330]ASESLFLPYPPDSEAR	1
							3	ALVHTGVALVPRGLTLAPTDGPTTDEVTLQVSGER	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-1) (Protein GT335) [MASS=28142]	*	5.97	*	*	*	1	3	WPYAGTAEAIKALGAK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.00	5.67	1.66	0.00	1	3	1	GSDFER	1
							3	FDLRANC[339]EPQTYGIGLK	1
							2	LQINAQNC[339]VHC[339]K	1

ETS1_HUMAN (P14921) C-ets-1 protein (p54) [MASS=50408]	0.00	3.63	1.71	0.00	1	1	2	SC[339]QSFISWTGDGWEFK	1
EVI2B_HUMAN (P34910) EVI2B protein precursor (Ecotropic viral integration site 2B protein) [MASS=48682]	0.00	3.79	3.58	0.00	1	1	3	SPFADGETPDIC[339]MDNIR	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	0.00	14.29	*	*	*	3	3	RC[339]LLEGYDTK	1
							2	VGSGAYEQVVIKR	1
							3	AYAKLGFADLNLAEFAGSGNTTRR	1
F13B_HUMAN (P05160) Coagulation factor XIII B chain precursor (Protein-glutamine gamma-glutamyltransferase B chain) (Transglutaminase B chain) (Fibrin-stabilizing factor B subunit) [MASS=75491]	0.00	2.42	1.50	0.00	1	1	3	YEGKVLHGDLIDFVC[339]K	1
F264_HUMAN (Q16877) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (6PF-2-K/Fru-2,6-P2ASE testis-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=53908]	0.00	3.85	0.82	0.00	1	1	2	C[330]LLAYFLDKAAEQLPYLK	1
FA20A_HUMAN (Q96MK3) Protein FAM20A precursor [MASS=61404]	0.00	5.18	*	*	*	1	3	ASSLARDSAAAASDPGTIVHNFSTRTEPR	1
FA5_HUMAN (P12259) Coagulation factor V precursor (Activated protein C cofactor) [Contains: Coagulation factor V heavy chain; Coagulation factor V light chain] [MASS=251670]	*	1.03	*	*	*	2	2	PWEDLPSQDTGSPSR	1
							2	HTVNPNMK	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	0.00	6.21	*	*	*	1	3	LLDMELEMAFFVGPNGNRLGEPISK	1
FAAH_HUMAN (O00519) Fatty-acid amide hydrolase (EC 3.1.-.-) (Oleamide hydrolase) (Anandamide amidohydrolase) [MASS=63065]	0.00	4.32	0.77	0.00	1	2	2	LSAFLSNM[147]K	2
							2	GDFVDPC[330]LGDLVSILK	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.17	*	*	*	2	2	NELGRNEDFM[147]K	1
							2	SKNELGRNEDFMK	1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	*	0.76	*	*	*	1	2	LLDQPKPK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	*	0.51	*	*	*	1	1	AVLEPR	3
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	0.77	*	*	*	2	3	HGQC[339]INTDGSYR	1
							3	M[147]IPSLC[339]THGK	2
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSIkappaB) (pIkappaBalpha-E3 receptor subunit) [MASS=68866]	0.00	8.10	0.44	0.00	1	3	3	IIQDIETIESNWRC[330]GR	1
							1	DFITALPAR	1
							3	FM[147]C[339]SM[147]PRSLWLGC[330]SSLADSMPSLR	1
FBX25_HUMAN (Q8TCJ0) F-box only protein 25 [MASS=43312]	*	1.91	*	*	*	1	1	HLILSEK	1
FBX5_HUMAN (Q9UKT4) F-box only protein 5 (Early mitotic inhibitor 1) [MASS=50146]	0.00	3.36	1.88	0.00	1	1	2	MKC[339]DFNC[339]NHVHSGLK	1
FCN3_HUMAN (O75636) Ficolin-3 precursor (Collagen/fibrinogen domain-containing protein 3) (Collagen/fibrinogen domain-containing lectin 3 p35) (Hakata antigen) [MASS=32903]	*	5.35	*	*	*	1	2	SNLNTRYAVSEAAAHK	1
FGD2_HUMAN (Q7Z6J4) FYVE, RhoGEF and PH domain-containing protein 2 (Zinc finger FYVE domain-containing protein 4) [MASS=74892]	0.00	4.43	*	*	*	1	3	AAAQGPEGDIQEELQSEELGLRAPQWVR	1
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	0.00	2.34	6.82	0.00	1	1	3	TIPLPSC[339]KLSVPDPEER	1
FGF19_HUMAN (O95750) Fibroblast growth factor 19 precursor (FGF-19) [MASS=24002]	0.00	11.57	*	*	*	1	3	NRGFLPLSHFLPMLPM[147]VPEEPEDLR	1
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	0.00	2.87	0.18	0.00	1	1	2	C[330]SLSLVGR	1

FKB10_HUMAN (Q96AY3) FK506-binding protein 10 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (65 kDa FK506-binding protein) (FKBP65) (Immunophilin FKBP65) [MASS=64245]	*	3.09	*	*	*	1	2	AQVSEGGKRLMPGQDPEK	1
FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	0.00	1.50	2.50	0.00	1	2	3 3	FTVETRAGAGTGGLGLAIEGPSEAKMSC[339]K YGGPQHIVGSPFK	1 1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolylpolyglutamate synthase) [MASS=64609]	0.00	3.58	2.79	0.00	1	1	3	LYHRLEETKDGSC[339]VSMPPYFR	1
FOXN4_HUMAN (Q96NZ1) Forkhead box protein N4 [MASS=55214]	0.00	2.90	*	*	*	1	3	MIESDTSSIMSGIIR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	0.71	*	*	*	1	2	M[147]LSLVLMHKPLRHPGM[147]PK	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	0.69	*	*	*	1	3	GFLFTVADLQAGVVR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	0.00	1.63	0.17	0.00	1	1	3	WPYLC[330]LRR	2
FVT1_HUMAN (Q06136) 3-ketodihydrosphingosine reductase precursor (EC 1.1.1.102) (3-dehydrosphinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.00	5.42	2.02	0.00	1	1	2	LGPVDMLVNC[339]AGMAVSGK	1

FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	*	1.63	*	*	*	1	1	ITDSAMEMLSAK	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	*	5.43	*	*	*	1	3	AM[147]SLKRSTITDAGLEVMLEQM[147]QGVVR	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	*	0.38	*	*	*	1	2	KTYSLAFK	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	0.33	8.68	0.84	0.00	1	2	2 3	VPTANVSVVDLTC[330]R VIPELNGKLTGM[147]AFR	1 1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.95	2.80	1.62	0.00	1	1	2	GTFC[339]SFDTPPDDISIR	1
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	3.83	0.55	0.09	5	1	2	ELAGHTGYLSC[339]C[339]R ELAGHTGYLSC[330]C[330]R	2 3
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.67	40.00	0.90	0.00	1	1	3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFR	1
GBP4_HUMAN (Q96PP9) Guanylate-binding protein 4 [MASS=73123]	*	2.50	*	*	*	1	3	ALTAGEKAIAAERAMK	1
GBRT_HUMAN (Q9UN88) Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor) [MASS=72021]	*	2.85	*	*	*	2	1 2	VIARYR ILDRVLSRYDVR	1 1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	*	1.15	*	*	*	1	1	YVQDVKSSK	1

GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	*	3.56	*	*	*	1	2	VSYQAYQPPAM[147]KYSDSVR	1	
								2	YVSAQPLAGR	12
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.77	*	*	*	2	3	VFSKLMSVC[339]VM[147]FTNC[330]MQKFTQSM[147]K	1	
GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	*	2.23	*	*	*	1	1	AAMDFPGAK	1	
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.22	0.02	2	2	2	GVNEDTYSGILDC[339]AR	1	
								2	LINGGIAGLIGVTC[330]VFPIDLAK	1
GLPK3_HUMAN (Q14409) Glycerol kinase, testis specific 1 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60569]	0.83	4.88	1.53	0.00	1	2	2	C[339]VFSDHGLLTTVAYK	1	
								3	GIIC[330]GLTQFTNK	1
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	0.00	4.43	1.66	0.00	1	1	3	LSITLSC[339]PLDLTLFPMDTQRC[339]K	1	
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.68	1.56	0.03	3	3	2	C[339]VQSNIVLLTQAFR	1	
								2	C[330]VQSNIVLLTQAFR	1
								3	M[147]M[147]RLRGSGM[147]LR	1
								2	VPFC[339]LQSC[339]VKPLK	1

GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	*	5.37	*	*	*	1	3	QMKEIHHEDGYSEEEEC[330]RQYR	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	*	2.27	*	*	*	1	1	MVC[330]DVVSR	1
GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	0.00	2.98	*	*	*	2	3	VIGFLEEVMHDPPELLTQER	1
							3	PSGLYLLEGC[330]VC[339]DRAPSPK	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (MacroGolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	0.68	*	*	*	2	3	NGVHRKSDPEELR	2
							2	KLQAALINR	1
GOPC_HUMAN (Q9HD26) Golgi-associated PDZ and coiled-coil motif-containing protein (PDZ protein interacting specifically with TC10) (PIST) (CFTR-associated ligand) (Fused in glioblastoma) [MASS=50520]	0.00	6.93	2.97	0.00	1	2	2	AKLSGSPVEELER	1
							3	C[339]GGLHVGDAILAVNGVNLR	1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	0.00	7.86	0.61	0.00	1	2	3	C[339]VRDQLC[330]YYHWGR	1
							3	HRSVSPAALAC[330]P	1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	*	1.35	*	*	*	1	3	YDDVTLM[147]GAEVASGGC[339]M[147]K	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	*	1.87	*	*	*	1	3	MWMVRWPVNYR	1
							3	QDVHSRGLC[339]S	3
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	2.95	*	*	*	1			
GPX1_HUMAN (P07203) Glutathione peroxidase 1 (EC 1.11.1.9) (GSHPx-1) (GPx-1) (Cellular glutathione peroxidase) [MASS=21899]	0.37	7.96	1.13	0.00	1	1	2	C[339]EVNGAGAHPLFAFLR	1

GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	1.36	*	*	*	1	3	GYGIGMPVGSVFR	2
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	*	1.03	*	*	*	2	2 2	IIVRDLSGK LRSGNASTM[147]TRR	1 1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	*	5.15	*	*	*	2	3 1	TIAPC[339]QKAM[147]QDAEVSKSDIGEVLVGGMTR MEEFK	1 1
HBP1_HUMAN (O60381) HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1) [MASS=57645]	*	3.11	*	*	*	1	2	RASLSC[330]GGPGGQDFAR	1
HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain	0.00	1.38	*	*	*	2	3 2	M[147]ASAVSPANLPVLLQPRWK PM[147]SSPEMK	1 2
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	0.00	1.91	*	*	*	1	3	QEPPPSLVAGASGGASPVGFTPR	1
HDA10_HUMAN (Q969S8) Histone deacetylase 10 (HD10) [MASS=71444]	0.00	3.59	1.11	0.00	1	1	3	EELQALSGQFDAIYFHPSTFHC[339]AR	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	0.35	*	*	*	1	3	FHVGDWM[147]GTIR	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	0.00	1.07	0.66	0.00	1	1	3	NSHC[330]AQTVSSVFKGISVNAEQVR	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	*	4.26	*	*	*	1	3	SQAEIINALLKILSEVLGMDAGEM[147]VIQMK	1

							3	GILEPHGGRSDMDR	3
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-.-) [MASS=130448]	0.00	4.32	1.51	0.00	1	4	2	QRYQAAR	1
							3	SGPGPNDSAC[339]VSWIYYSAVDPIK	1
							1	IGGTYK	1
HEXB_HUMAN (P07686) Beta-hexosaminidase beta chain precursor (EC 3.2.1.52) (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase B) (Cervical cancer proto-oncogene 7) (HCC-7) [Contains: Beta-hexosaminidase beta-B chain; Beta-hexos [MASS=63111]	0.00	4.68	1.76	0.00	1	2	2	AKLAPGTIVEVWK	1
							2	C[339]WESNPKIQDFMR	1
HHAT_HUMAN (Q5VTY9) Protein-cysteine N-palmitoyltransferase HHAT (EC 2.3.1.-) (Hedgehog acyltransferase) (Skinny hedgehog protein 1) (Melanoma antigen recognized by T-cells 2) (MART-2) [MASS=57313]	0.00	2.23	*	*	*	1	3	QM[147]QQQEHDLSK	2
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	*	4.93	*	*	*	1	3	EGGVKATGLFLSTSSHVMTPTEGR	1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	*	7.98	*	*	*	1	3	AVAATGVRGGQVR	1
HIP1R_HUMAN (O75146) Huntingtin-interacting protein 1-related protein (Hip1-related) (Hip 12) [MASS=119387]	*	1.87	*	*	*	1	3	YIAQLKSQVNALEGELEEQR	1
HNRLI_HUMAN (Q8WVV9) Heterogeneous nuclear ribonucleoprotein L-like (Stromal RNA-regulating factor) (BLOCK24 protein) [MASS=60083]	0.00	4.98	2.10	0.00	1	1	3	FGTIC[339]YVMMMPFKRQALVEFENIDSAK	1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	*	2.16	*	*	*	1	2	RGPPPPPPGR	2
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	0.00	3.03	0.17	0.00	1	1	3	KLM[147]SSNSTDLPLNIEC[330]FMNDKDVSGK	1

HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	*	1.75	*	*	*	1	2	QRGHNVETALRR	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	1.23	*	*	*	1	2	TDTGEPMGR	1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	*	1.87	*	*	*	1	3	KFGDPVVQSDM[147]JK	1
HV3T_HUMAN (P01781) Ig heavy chain V-III region GAL [MASS=12730]	0.33	16.38	1.50	0.00	1	1	3	LSC[330]AASGFBBBLGM[147]TWVR	1
HXA13_HUMAN (P31271) Homeobox protein Hox-A13 (Hox-1J) [MASS=39753]	*	2.32	*	*	*	1	2	MGPPPNAIK	1
							2	AAQLC[339]GAGM[147]AAVVDK	1
							2	C[330]NVSFLLSEDGSGK	1
							2	KLPVGFTFSFPC[339]QQSK	1
							2	ATDC[330]VGHDVVTLLR	1
							2	C[339]NVSFLLSEDGSGK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	14.83	1.69	0.06	15	8	2	LPVGFTFSFPC[330]QQSK	1
							3	MIAAQLLAYFYFTELKDDQVK	1
							2	AILQQLGLNSTC[339]DDSILVK	1
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
							2	ATDC[339]VGHDVVTLLR	4
							2	AAQLC[330]GAGMAAVVDK	1
							2	LPVGFTFSFPC[339]QQSK	1
I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	*	1.04	*	*	*	1	2	DEGLVLLNR	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.00	1.40	3.76	0.00	1	1	3	TSPQTLNLC[339]LK	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.00	1.05	*	*	*	1	1	DRPFKVSİK	1
I5P1_HUMAN (Q14642) Type I inositol-1,4,5-trisphosphate 5-phosphatase (EC 3.1.3.56) (5PTase) [MASS=47819]	0.00	6.55	0.89	0.00	1	1	3	EIYSDTLESTPM[147]LEKEKFPQDYFPEC[330]JK	1

ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	*	0.76	*	*	*	1	1	NRSAELR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.65	0.93	0.14	4	2	2	TFDLYANVRPC[339]VSIEGYK	1
							2	C[339]SDFTEEIC[339]R	2
							2	C[330]SDFTEEIC[330]R	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	2.04	*	*	*	1	2	KKVTAVHK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	9.07	1.58	0.00	2	3	2	NILGGTVFREPIIC[339]K	1
							2	VC[339]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	1
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	0.00	7.32	*	*	*	1	3	KWKSSFQHHHLR	4
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.30	*	*	*	2	2	SIQSGPLK	1
							2	PC[330]RRYSTSGSSGLTTGK	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	2.11	1.95	0.00	1	1	3	ILNVVGMRC[339]EWQMDK	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	*	1.69	*	*	*	2	1	HTPLFR	1
							3	YTPLDYALLGER	1
IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	0.00	6.80	*	*	*	2	3	VC[330]GM[147]QVYQLDTGHYLC[339]R	1
							3	M[147]IDFAHSTFKGFR	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	*	1.72	*	*	*	2	3	YDYYNTDSK	1
							2	LPYDVTEQALTYPEVK	1

IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	0.00	3.02	*	*	*	1	3	VPPC[330]PRNFSAKLFC[339]LAGR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	0.81	3.81	1.28	0.15	2	3	3	C[339]SSC[339]RVR	1
							3	SHTLSGGC[330]GGRGSKVALLPAGGALQHSR	1
							2	LNC[330]EQPSVTLQLM[147]NIR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	*	4.04	*	*	*	3	3	C[330]AMC[339]ASVFKLEEEEEKK	1
							1	REGETR	1
							3	MHGNC[330]SM[147]C[330]QAYFQAENEEKK	1
							1	AIVKSGGK	6
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	*	10.00	*	*	*	1			
ITA2_HUMAN (P17301) Integrin alpha-2 precursor (Platelet membrane glycoprotein Ia) (GPIa) (Collagen receptor) (VLA-2 alpha chain) (CD49b antigen) [MASS=129295]	0.00	0.51	9.25	0.00	1	1	2	LC[339]FSAK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	*	1.64	*	*	*	1	3	DPLEYSDVIPQAEKAGIIR	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	0.00	5.85	1.31	0.00	1	1	3	C[339]WNDNGPAIPVVYDFGDAK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.00	2.36	2.38	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	0.00	1.03	0.93	0.00	1	1	2	EELSHSPEPC[339]TKM[147]TMR	1

							2	NC[339]SVPR	5
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	0.00	1.78	20.45	0.00	1	2			
							2	RADEALPGPAGHA AVR	1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.42	*	*	*	2	3 RPPGIC[330]ERPHR 2 SPPRVISR	1 1	
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	1.18	*	*	*	2	2 KEGSYSSLSPPTLTPVM[147]PVNAGGK 1 RLSFSK	1 1	
JPH2_HUMAN (Q9BR39) Junctophilin-2 (Junctophilin type 2) (JP-2) [MASS=74221]	0.00	3.02	*	*	*	2	1 QKAEIAASR 3 RAERTSVGSQR	1 1	
							1 PSELMPK 2 NLGMVC[339]R	1 14	
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.21	24.57	0.03	8	2			
							3 LVLIGSNHSLPFLK	4	
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	1.19	*	*	*	2			
							3 NQSWREALVGDR	1	

K0889_HUMAN (O94964) Protein KIAA0889 [MASS=55760]	0.00	6.56	0.12	0.00	1	2	3	SYTAPDKTGIRVYYSPVVAR	1
							2	YGIVQEFFRNVVC[330]GR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	0.00	4.04	1.13	0.00	1	2	2	FDLSQLAK	1
							3	AKVC[339]KIAALIAAAAC[339]TVILVIVVIC[339]TM[147]K	1
K1045_HUMAN (Q9UPV7) Protein KIAA1045 [MASS=45191]	*	1.75	*	*	*	1	1	MGVLM[147]SK	1
K1219_HUMAN (Q86X10) Protein KIAA1219 [MASS=166797]	0.00	1.27	*	*	*	2	2	LESDSYSPPHVRR	1
							1	NVESSR	1
K1267_HUMAN (Q7Z3B3) Protein KIAA1267 [MASS=120965]	*	1.27	*	*	*	1	2	SQLMLTRKAEALR	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	3.32	*	*	*	2	1	TTIQR	1
							3	LPLMEC[339]VQM[147]TQDVQKAMDERR	1
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	3.77	0.82	0.00	1	1	3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							2	FC[339]TGLTQIETLFK	3
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	6.04	0.75	0.09	7	2	2	FC[330]TGLTQIETLFK	3
							2	GFC[330]LPPHC[330]SR	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	9.79	3.26	0.00	1	2	3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[339]PSNLGTGLR	1
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	0.99	5.04	1.14	0.00	1	1	2	SEVELVQLVIDGVNYLIDC[339]ER	1

KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	*	3.85	*	*	*	1	3	YQDAPAAQFMAHKVVVLASSSPVFK	1
KGUA_HUMAN (Q16774) Guanylate kinase (EC 2.7.4.8) (GMP kinase) [MASS=21594]	0.00	6.12	3.99	0.00	1	1	2	IC[339]VLDVDLQGVR	1
KI2S1_HUMAN (Q14954) Killer cell immunoglobulin-like receptor 2DS1 precursor (MHC class I NK cell receptor Eb6 Act1) (CD158h antigen) [MASS=33646]	0.00	6.91	*	*	*	1	3	VNGTFQANFPLGPATHGGTYR	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	0.37	*	*	*	1	2	SLVM[147]HTPPVLKK	1
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Klp) [MASS=204431]	*	0.55	*	*	*	1	2	AASTGAKGTR	1
KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	*	0.45	*	*	*	1	1	GMLRK	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	2.38	*	*	*	2	1	KIFSGK	1
							2	LDHPNVVK	1
KLH23_HUMAN (Q8NBE8) Kelch-like protein 23 [MASS=63923]	0.00	7.71	0.22	0.00	1	2	3	IEC[330]LYNLLSYINIDIPVYLK	1
							3	LYLVGGQTTITEC[339]YDPEQNEWR	1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	0.00	3.97	0.10	0.00	1	1	2	ITDNM[147]LC[330]AGTK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	0.00	0.32	*	*	*	1	1	KLQGQIK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.63	1.51	0.57	0.00	1	1	1	GIFPVLC[330]K	1

KR106_HUMAN (P60371) Keratin-associated protein 10-6 (Keratin-associated protein 10.6) (High sulfur keratin-associated protein 10.6) (Keratin-associated protein 18-6) (Keratin-associated protein 18.6) [MASS=36782]	*	4.93	*	*	*	1	3	M[147]AASTMSVC[339]SSDLSYGSR	1	
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]		0.00	2.92	*	*	*	1	3	SSMTLGAGGSSPSHK	1
KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	*	1.77	*	*	*	1	3	TMDYLHSQGVVHR	1	
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	1.21	*	*	*	1	2	PNLSQIGM[147]GK	1	
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	*	6.67	*	*	*	1	1	ADSSPVK	1	
LARP1_HUMAN (Q6PKG0) La-related protein 1 (La ribonucleoprotein domain family member 1) [MASS=123509]	*	1.82	*	*	*	2	2	FWAFLK	1	
							2	LGIGQSQEMNTLFR	1	
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	*	2.65	*	*	*	1	3	ASHSANSQPSATTVTAITPAPIQQPVKSM[147]R	1	
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	1.42	*	*	*	1	1	SIMRM[147]JK	1	
LBH2_HUMAN (P08910) Abhydrolase domain-containing protein 2 (Protein PHPS1-2) [MASS=48315]	*	1.18	*	*	*	1	1	M[147]GRVR	1	
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	3.06	*	*	*	3	1	MGPRSRER	1	
							1	APLIHR	2	
							1	LYHTM[147]TR	1	
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	*	3.01	*	*	*	1	1	DLNPDIGTDK	1	

LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	*	4.53	*	*	*	1	3	DLADELALVDVIEDK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.92	11.19	0.69	0.00	2	1	2	FNAHGDANTIVC[330]NSK	2
							3	TIIIKGYVPPTGK	8
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	0.00	4.02	*	*	*	1			
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	1.00	2.84	1.33	0.00	1	1	3	LFEDELTLDNLTRPQLVALC[339]K	1
LGI3_HUMAN (Q8N145) Leucine-rich repeat LGI family member 3 precursor (Leucine-rich glioma-inactivated protein 3) (LGI1-like protein 4) [MASS=61704]	0.00	2.37	*	*	*	1	3	GSLALQPFLVGGR	1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	0.00	2.61	0.80	0.00	1	1	2	HFQAGGDVFLC[330]LTR	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	*	2.27	*	*	*	1	2	SRGGSKSDK	2
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	*	0.59	*	*	*	1	1	ADGVSVR	1

LOX15_HUMAN (P16050) Arachidonate 15-lipoxygenase (EC 1.13.11.33) (Arachidonate omega-6 lipoxygenase) (15-LOX) [MASS=74673]	0.00	3.78	*	*	*	1	3	WGNWKDGLILNMAGAKLYDLPVDER	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.98	1.89	1.51	0.00	2	2	1 IPENIYR 2 C[339]GAIAEQTPILLFLLR 2 C[330]GAIAEQTPILLFLLR	1 1 1	
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	0.00	2.40	*	*	*	1	3 VLHVSENPVPLTVR	1	
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	*	3.26	*	*	*	1	2 PKKEANQAPK	1	
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	*	5.53	*	*	*	2	2 EKVLAEPEKVVTEPPVVTLLDK 2 GPAATERAAATIVAMAGTGPGK	1 1	
LRP16_HUMAN (Q9BQ69) Protein LRP16 [MASS=35505]	*	5.54	*	*	*	2	1 DFVRLK 2 AKITGGYRLPAK	1 1	
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	0.00	0.91	*	*	*	3	3 LYWTDGNTINM[147]ANM[147]DGSNSKILFQNQK 2 PNGSRINR 1 SDHISTR	1 1 1	
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	0.15	*	*	*	1	2 PKPPSRR	1	
LRRC7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	0.00	3.32	*	*	*	2	3 MLGPEHGM[147]SSM[147]SRSQSVPMDDDEMLTYGSSK 3 KAGSHIQTLMGSQLQHRSR	1 1	
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	0.00	3.95	1.88	0.00	1	2	1 STSLKVK 3 FMEPDSLFC[339]VDPPEFQQQNV	2 1	
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	*	2.07	*	*	*	1	1 HLTPTGR	1	
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	0.00	1.00	0.22	0.00	1	1	3 QPC[330]GSNPLPGLTK	2	

LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	2.66	0.56	0.00	1	1	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
LYAR_HUMAN (Q9NX58) Cell growth-regulating nucleolar protein [MASS=43614]	0.00	2.90	2.08	0.00	1	1	3	IQVEKHVSVC[339]R	1
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	0.00	1.71	2.14	0.00	1	4	3	SVIIPLLHAFK	1
							2	WIYMLSSVFQKQFYR	1
							2	TVLHLLSVDVSTAEM[147]M[147]PENLR	1
							3	AQVVHHFLLTC[339]QVLQEYK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	0.95	*	*	*	1	1	VSAAELGGK	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.64	*	*	*	2	2	VLEAQANTGGIIDTATGKR	1
							2	LRESPGSEQTPFMTAPEGK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.95	3.15	1.33	0.00	2	1	2	FGINC[339]LIQFEDFANANAFR	2
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	*	1.18	*	*	*	3	3	DSKEMQFLMQK	1
							2	ALEQKDTALEQK	1
							2	AVLDALLEGK	1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	0.00	9.81	*	*	*	2	3	DGATGPSGPQPPGVKGEAGLQGPQGAPGK	1
							2	GAM[147]GM[147]PGAPGPPGPPAEKGAK	1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	*	3.57	*	*	*	4	2	PSTLHGLSPKLHR	1
							3	LISNGAYGAVYLVRRHRDTR	1
							2	GLQEPAPLAPSVPEAPRGR	1
							1	HRDTR	1
MAST2_HUMAN (Q6P0Q8) Microtubule-associated serine/threonine-protein kinase 2 (EC 2.7.11.1) [MASS=196434]	*	0.33	*	*	*	1	1	MARRSK	2

MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	0.53	*	*	*	1	2	SEVDYGR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	2.01	*	*	*	2	1 1	KDGSASAAK SYSPDGK	1 1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	*	1.82	*	*	*	1	3	RQVGPQSSEVR	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	*	3.91	*	*	*	2	3 2	KQLRAQEIAMQNR AQEIAMQNR	1 1
MCLN2_HUMAN (Q8IZK6) Mucolipin-2 [MASS=62684]	0.00	2.04	0.07	0.00	1	1	3	IGLKVC[330]KQHVK	3
MCLN3_HUMAN (Q8TDD5) Mucolipin-3 [MASS=64247]	0.30	2.17	0.76	0.00	1	1	2	KLKFFFMNPC[330]EK	1
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1-CDC46) [MASS=82285]	*	0.82	*	*	*	1	1	TGFTFK	1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	0.00	0.86	3.33	0.00	1	1	3	EC[330]DPAELEEKVPKVILER	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.85	14.41	0.91	0.00	1	2	3 2	LGVTANDVKNVWGNHSSTQYDPVNHAKVK VIVVGNPANTNC[330]LTASK	1 1

								1	TIPLISQC[339]TPK	1
								2	TIPLISQC[339]TPK	1
								2	SQETEC[339]TYFSTPLLLGK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	31.66	1.94	0.06	10	7		2	GYLGPEQLPDC[339]LK	1
								2	SQETEC[339]TYFSTPLLLGKK	1
								1	PVSAALRR	1
								2	SQETEC[330]TYFSTPLLLGK	2
								2	GC[339]DVVVIPAGVPR	1
								3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	0.33	1.16	0.95	0.00	1	5		3	EFVKISKWNDVSFWSIK	1
								3	AC[330]PTREQLLM[147]NALLYLR	1
								2	KELSPALR	1
								2	VM[147]LDLQSYR	2
								2	LLTEISSWDGC[330]QK	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	0.00	2.11	*	*	*	1		3	ILLLDEATSALDTESEAVVQVALDKAR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	2.69	*	*	*	1		2	ISFPWNEIRNISYSK	1
MFA3L_HUMAN (O75121) Microfibrillar-associated protein 3-like precursor (Protein kinase NYD-SP9) [MASS=45379]	0.00	2.44	1.32	0.00	1	1		2	LC[339]M[147]M[147]SSHLKK	1
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucosidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucosidase)] [MASS=209721]	0.00	1.45	0.29	0.00	1	1		3	SLKFDGMWIDMNEPSSFVNGAVSPGC[330]R	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	15.79	1.75	0.03	4	1		3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	4

								1	SLIVPLK	9
MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	*	1.23	*	*	*		1			
								3	SC[339]SPKMRLDDFWSLK	1
								1	YLDSSVR	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	0.25	4.49	0.09	3.94	2	3		3	LC[330]RPSKDYLRL	3
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.79	4.86	0.94	0.00	1	1	2		FSDEGGFTC[339]FFR	1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	*	0.93	*	*	*		1	1	YTSSRFKTR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	*	0.60	*	*	*		2	1	SGLSYK	1
								1	GKSSSAQKQ	3
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma) [MASS=172517]	*	0.52	*	*	*		1	2	QQRREM[147]LK	1
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	10.21	0.78	0.00	1	1	3		TVEPFPEGTQM[147]AVFGMGC[330]FWGAER	1

MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	0.00	1.85	0.05	0.00	1	1	2	LC[330]AIC[330]WLYWKK	1
MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	*	1.92	*	*	*	1	2	RKTPEASAIGLHQDPELGDAALR	1
MUTYH_HUMAN (Q9UIF7) A/G-specific adenine DNA glycosylase (EC 3.2.2.-) (MutY homolog) (hMYH) [MASS=60069]	*	1.65	*	*	*	1	1	DVAEVTAFR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	0.00	1.01	*	*	*	2	3	TRTGGLGDPGQGTVALKK	1
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	*	1.14	*	*	*	1	2	LMMSTLPK	1
							3	GESHWWM[147]KGSTPTQISEIIK	1
							3	SPVRC[339]IATTR	8
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	0.00	1.25	17.06	0.00	2	5			
							1	SSFLFK	1
							3	LDKVVPLKENVK	1
							2	EISLAAASK	1
MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	*	3.95	*	*	*	7	1	KGMFR	1
							2	VLQQVKAESEHK	1
							2	AKLQELEGA VKSK	1
							2	LKSLEAEILQEQEELASSERAR	1
							2	DEIFAQSKSEK	1
							1	ANARMK	1
							1	AAANKLVR	1
MYH4_HUMAN (Q9Y623) Myosin-4 (Myosin heavy chain, skeletal muscle, fetal) (Myosin heavy chain IIb) (MyHC-IIb) [MASS=223012]	0.00	1.70	*	*	*	2	3	LGEAEQLALKGGKK	1
							2	RNHLRVVESHM[147]QSTLDAEIR	1

MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	0.00	22.96	*	*	*	2	3	MLDFETFLPILQHISRNK	1
							3	IDFTADQIEEFKEAFSLFDRTPTGEMK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	3.87	2.83	0.00	1	1	3	DQRARMNAAQC[339]LAHPWLNLAEK	1
							2	DGGKVFMK	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	*	0.57	*	*	*	3	1	AM[147]LAGR	3
							1	APLEHR	1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	*	1.17	*	*	*	1	2	TLFATEDALEVR	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	0.54	*	*	*	1	3	FGKYIDIHFNKR	2
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	2.12	*	*	*	3	2	KDHGEYK	1
							3	IESNYGVHTLEINR	1
							1	YAVFDLM[147]EGK	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	*	2.80	*	*	*	3	3	DDDDLGPPEIWELLKGAKK	1
							1	ELPDK	1
							1	SAAFTHK	1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	*	0.86	*	*	*	1	2	KLLC[330]ETEGRVR	1
							2	VC[330]GSNLLSIC[330]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	8.70	1.77	0.04	8	2	2	VC[339]GSNLLSIC[339]K	1
							1	TSASIGSLC[339]ADAR	1
							2	TSASIGSLC[330]ADAR	1
							2	TSASIGSLC[339]ADAR	3

MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	0.35	*	*	*	1	1	VRTGPGR	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	*	2.57	*	*	*	1	3	KELRAQQGLAPEPR	1
NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	*	1.23	*	*	*	2	2	MLRTAGR	1
							1	VSPHIK	1
NALP2_HUMAN (Q9NX02) NACHT, LRR and PYD-containing protein 2 (PYRIN domain and NACHT domain-containing protein 1) (PYRIN-containing APAF1-like protein 2) (Nucleotide-binding site protein 1) [MASS=120515]	0.00	2.73	0.55	0.00	1	1	3	ADGKQLVEILTTHC[330]DSYWVEM[147]ASLQVFEK	1
NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117]	*	1.21	*	*	*	2	2	SQDVRMNGPM[147]GAGNSVR	1
							2	AVPAQEVK	1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	0.00	1.07	*	*	*	1	3	SPERSHVSSEPYEPISPPQVPVHEK	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	6.20	0.51	0.00	1	1	3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.00	8.04	2.43	0.00	1	1	2	LSNNYYC[339]TR	1

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	7.60	2.40	0.01	3	2	2	C[330]ALDFFR	1
							1	C[339]ALDFFR	1
							1	C[339]LEEGK	1
							2	C[339]ALDFFR	1
NDUA9_HUMAN (Q16795) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 39 kDa subunit) (Complex I-39KD) (CI-39KD) [MASS=42509]	*	6.10	*	*	*	1	3	VLSMSRSAITAIATSVC[339]HGPPC[330]R	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	0.71	2.54	1.43	0.00	1	1	2	C[339]EVLQYSAR	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.83	6.43	1.68	0.00	1	1	2	EGQNYQQNC[339]JK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	1.43	*	*	*	1	3	PQEEDQPLPARR	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	0.00	2.24	11.54	0.02	2	1	2	MPSLQPVVM[147]C[339]VM[147]K	2
NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	0.00	3.50	*	*	*	1			

NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	0.00	3.50	*	*	*	1			
NFAC3_HUMAN (Q12968) Nuclear factor of activated T-cells, cytoplasmic 3 (NF-ATc3) (NFATc3) (T cell transcription factor NFAT4) (NF-AT4) (NFATx) [MASS=115593]	*	0.65	*	*	*	1	1	LLGYNEK	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	0.55	2.97	0.73	0.00	1	3	3	EFTTPEGVPSAPR	1
							3	SGTLVIDFRSGGR	1
							2	LDC[330]PFFGSP IPTLR	1

3	SSFSRVSGSPSSGFR	1
3	SYTLDSLGNPSAYR	20

NFM_HUMAN (P07197) Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) (Neurofilament 3) [MASS=102316]	0.00	3.17	*	*	*	2
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NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	*	4.04	*	*	*	1	3	LLGLVHDC[339]KRR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.23	4.93	1.24	0.00	1	1	2	FSGGYPALM[147]DC[339]M[147]NK	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.69	5.20	1.22	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NKX22_HUMAN (O95096) Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B) [MASS=30132]	0.00	8.06	*	*	*	1	3	EHLASLIRLTPTQVKIWFQNHR	1
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	*	3.62	*	*	*	1	3	KDVQLLQLC[330]LQQFPDIPESVTC[339]AC[339]LK	1
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	1.03	*	*	*	1	3	EEGTPWNEDC[330]GK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	0.00	2.08	*	*	*	1	3	TEKYEHKSEVK	1

								3	C[339]SC[330]PHSSPGPR	8
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	0.00	1.00	2.92	0.00	1	2				
								2	C[339]LPGFEGPR	1
								3	C[330]SC[339]PHSSPGPR	2
NR6A1_HUMAN (Q15406) Orphan nuclear receptor NR6A1 (Germ cell nuclear factor) (GCNF) (Retinoid receptor-related testis-specific receptor) (RTR) [MASS=54383]	0.00	1.88	0.14	0.00	1	1	3	C[330]LQM[147]GM[147]NRK	1	
								3	HESHTWSELSSESLTSDSQSGIM[147]LSSVGTSK	1
								2	C[330]PNGFFGQR	1
								3	VALVKVLDKWPLR	5
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	7.41	0.22	0.00	1	4				
								2	QNM[147]C[330]PAHQNR	3
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	*	0.81	*	*	*	1	1	IC[330]SPDK	1	
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.94	13.04	1.72	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1	
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	6.05	1.39	0.02	2	2	2	VLFLLGADGGC[339]ITR	1	
							3	DC[339]FIYQGHGDVGAPIADVILPGAAYTEK	1	

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	7.54	1.64	0.05	3	2	2	GAGAYIC[339]GEETALIESIEGK	2
							2	NAC[339]GSGYDFDVFVVR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	*	2.16	*	*	*	1	2	VDDAKVSPPK	1
NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	0.00	17.68	*	*	*	1	3	NVEPEKNESWEWVPWEELPPLDQLFWGLR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	*	5.71	*	*	*	1	2	YVNMQDPEMDMK	1
							2	YVNM[147]QDPEMDM[147]K	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	0.91	12.10	1.59	0.00	1	1	2	VIAC[339]DGGGGALGHPK	1
O10H5_HUMAN (Q8NGA6) Olfactory receptor 10H5 [MASS=34900]	*	3.17	*	*	*	1	3	VAMKKTC[330]FTK	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.00	3.32	1.42	0.00	1	1	2	NVQIC[339]SIFDIATELNR	1

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.00	4.89	1.05	0.00	1	1	3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
ODPAT_HUMAN (P29803) Pyruvate dehydrogenase E1 component alpha subunit, testis-specific form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type II) [MASS=42933]	0.00	2.84	*	*	*	1	3	GPILMELQTYR	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	2.56	1.45	0.00	1	1	2	VDGM[147]DILC[339]VR	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	0.00	1.35	1.06	0.00	1	1	2	AAVAC[330]EVC[330]QSLVK	1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	0.00	1.25	0.15	0.00	1	1	3	RM[147]KEAPQTC[330]K	2
OR7C2_HUMAN (O60412) Olfactory receptor 7C2 (Olfactory receptor 19-18) (OR19-18) [MASS=35278]	0.00	8.12	0.40	0.00	1	1	3	LC[330]GLLVLGSWC[330]ISMV[147]GSLLETILTILR	1
OTUD3_HUMAN (Q5T2D3) OTU domain-containing protein 3 [MASS=45124]	0.00	6.28	2.35	0.00	1	1	3	QC[339]GPLWEEGGSGARIFGNQGLNEGR	1
OX2G_HUMAN (P41217) OX-2 membrane glycoprotein precursor (CD200 antigen) [MASS=31264]	0.96	5.76	0.65	0.00	1	1	2	EVIC[330]QVLHLGTVTDFK	1
P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	0.00	7.21	0.15	0.00	1	1	3	ETTLFLAATNIC[330]M[147]DPLIYIFLC[330]KK	1

P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	0.00	2.64	*	*	*	1	3	QALHSGQNQLKEM[147]AIPVLEAR	1
PA1B2_HUMAN (P68402) Platelet-activating factor acetylhydrolase IB subunit beta (EC 3.1.1.47) (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH subunit beta) (PAFAH subunit beta) [MASS=25569]	0.00	2.62	0.77	0.00	1	1	2	FVLDC[330]K	1
							3	VLMLGGSALNHNYR	17
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	0.00	0.86	*	*	*	1			
PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]	0.00	6.23	*	*	*	1	2	LPSTMLLMNLATADLLLALALPPR	1
PARP4_HUMAN (Q9UKK3) Poly [ADP-ribose] polymerase 4 (EC 2.4.2.30) (PARP-4) (Vault poly(ADP-ribose) polymerase) (VPARP) (193 kDa vault protein) (PARP-related/lalpal-related H5/proline-rich) (PH5P) [MASS=192587]	*	1.16	*	*	*	1	3	DC[339]PFLISSHFLLDDGMETRR	1

PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	*	2.71	*	*	*	1	2	M[147]TTLGAVPRMMR	1
PC11X_HUMAN (Q9BZA7) Protocadherin-11 X-linked precursor (Protocadherin-11) (Protocadherin on the X chromosome) (PCDH-X) (Protocadherin-S) [MASS=147557]	0.00	0.59	*	*	*	1	1	YLFTILAK	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y-linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	0.00	1.42	*	*	*	1	2	DLNLSLIPNKSLTTTM[147]QFK	1
PCDA5_HUMAN (Q9Y5H7) Protocadherin alpha 5 precursor (PCDH-alpha5) [MASS=102047]	0.00	2.99	*	*	*	1	3	TDLM[147]AFSPSLPQGPTSTDNPRQPNPDWR	1
PCDA6_HUMAN (Q9UN73) Protocadherin alpha 6 precursor (PCDH-alpha6) [MASS=102715]	*	2.42	*	*	*	1	3	DREDLLEVNQLQNGILFVNSRIDR	1
PCDGI_HUMAN (Q9Y5F9) Protocadherin gamma B6 precursor (PCDH-gamma-B6) [MASS=101043]	0.00	3.23	1.47	0.00	1	1	3	NNQSDFEDVERYTM[147]EVEAKDGGGLSTQC[339]K	1
PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]	*	1.81	*	*	*	1	2	SAFRNQFSLVTAGPLDR	1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	0.00	1.27	*	*	*	1	3	GQPVGGLRFEGGHGPGSAAIR	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	0.00	1.08	*	*	*	4	3	SAEEMYEEM[147]M[147]HK	1
							3	PLAQQPGLQSPAKAPGPTKTPAQTK	1
							1	PVSQTGFGK	1
							1	AIPRPASDSK	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	0.72	*	*	*	1	1	VNGAGHK	1

PDCD7_HUMAN (Q8N8D1) Programmed cell death protein 7 (ES18) (HES18) [MASS=54700]	0.22	4.33	1.54	0.00	1	1	3	KGVC[330]PPASADETFTTHLQRLR	1
PDE3A_HUMAN (Q14432) cGMP-inhibited 3',5' cyclic phosphodiesterase A (EC 3.1.4.17) (Cyclic GMP-inhibited phosphodiesterase A) (CGI-PDE A) [MASS=124979]	0.00	2.98	0.76	0.00	1	3	1	M[147]AVPGDAAR	1
							1	GGAPGGGAR	1
							2	RSSSVVSAEM[147]SGC[330]SSK	1
PDE5A_HUMAN (O76074) cGMP-specific 3',5'-cyclic phosphodiesterase (EC 3.1.4.35) (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase) [MASS=100012]	0.25	1.26	1.28	0.00	1	1	2	SLLC[339]TPIKNGK	1
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	*	1.93	*	*	*	2	3	VC[339]NGNNKAEK	1
							1	GLDEM[147]K	1
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	*	1.36	*	*	*	1	1	EPWDGR	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	*	4.35	*	*	*	2	3	GLNSGDHSDSAKSVSSLNPVK	1
							2	QGDGERLVVHGLLPGGSAM[147]K	1
PEL11_HUMAN (Q96FA3) Protein pellino homolog 1 (Pellino-1) (Pellino-related intracellular signaling molecule) [MASS=46286]	0.00	11.24	5.23	0.00	1	2	3	HLEALRQEINAARPQC[330]PVGFNFLAFPSMK	1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	1.43	*	*	*	1	2	EAEVLVARGVRVK	1
							1	GIKQEAFK	9
PGLB_HUMAN (Q99645) Dermatan sulfate proteoglycan 3 precursor (Epiphycan) (Small chondroitin/dermatan sulfate proteoglycan) (Proteoglycan-Lb) (PG-Lb) [MASS=36578]	*	2.48	*	*	*	1			

PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	1.72	*	*	*	1	2	LTAADKAAIR	1
PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	0.31	1.74	0.85	0.00	1	1	2	C[330]M[147]INQYSNYYWKK	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	*	0.73	*	*	*	1	2	QLTSAGRR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	1.08	*	*	*	1	3	VHNFGKRSNSIK	1
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	*	2.39	*	*	*	1	1	VSM[147]EVAAAK	1

PLCD1_HUMAN (P51178) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-delta-1) (Phospholipase C-delta-1) (PLC-III) [MASS=85763]	0.00	1.46	0.04	7.92	3	1			
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	*	0.48	*	*	*	1	1	GHGATRTVR	1
POLK_HUMAN (Q9UBT6) DNA polymerase kappa (EC 2.7.7.7) (DINB protein) (DINP) [MASS=98808]	0.00	2.41	*	*	*	1	3	DDLLLRMGLNDNKAGMEGLDK	1
POTE8_HUMAN (Q6S8J7) Prostate, ovary, testis-expressed protein on chromosome 8 [MASS=56165]	0.00	4.62	*	*	*	1	3	AAWWGEVPRADLIVMLRGPINK	1
PP4C_HUMAN (P60510) Serine/threonine-protein phosphatase 4 catalytic subunit (EC 3.1.3.16) (PP4C) (Pp4) (Protein phosphatase X) (PP-X) [MASS=35080]	0.00	7.49	0.07	0.00	1	1	3	IFC[330]VHGGLSPSIQTLDQIRTIDR	1
PPARG_HUMAN (P37231) Peroxisome proliferator-activated receptor gamma (PPAR-gamma) [MASS=57620]	*	0.99	*	*	*	1	1	MTDLR	1
PPOX_HUMAN (P50336) Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO) [MASS=50765]	0.00	3.35	1.13	0.00	1	1	2	RLGPEVASLAMDSLCL[339]R	1

PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	0.00	0.91	1.42	0.00	1	2	2	C[339]IC[339]VVSHGAQVSALR	1
							3	VC[330]RRPTM[147]PS	1
PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	*	3.19	*	*	*	1	2	NHSSQNFPGPSAR	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	3.34	0.10	0.00	1	1	3	LQGAADLNGGC[330]GSLPSGGGGLPK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	*	4.30	*	*	*	1	3	HLSVNDLPVGR	1
PROZ_HUMAN (P22891) Vitamin K-dependent protein Z precursor [MASS=44744]	0.00	4.50	1.33	0.00	1	1	3	QC[330]VPHDQC[330]AC[330]GVLTSSEKR	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	0.00	11.99	*	*	*	2	2	PNIKIFSGSSHQDLSQK	1
							3	PNIKIFSGSSHQDLSQKIADR	1
PRR11_HUMAN (Q96HE9) Proline-rich protein 11 [MASS=40085]	0.00	5.28	*	*	*	1	3	ENM[147]ETGTGLTPVMTQALRR	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	0.00	7.83	*	*	*	1	3	LSTGC[330]JTGTLVAEKHVLTAHC[339]IHDGKTYVK	1
PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	0.00	1.26	0.34	0.00	1	1	3	LC[330]MSLMQNKQFR	1

PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	0.00	3.21	1.81	0.00	1	1	2	M[147]LLLALFC[339]VAVSVVWGVFR	1
PTPRO_HUMAN (Q16827) Receptor-type tyrosine-protein phosphatase O precursor (EC 3.1.3.48) (Glomerular epithelial protein 1) (Protein tyrosine phosphatase U2) (PTPase U2) (PTP-U2) [MASS=138281]	*	1.64	*	*	*	1	3	M[147]VLQKKSQIIVMLTQC[330]NEKR	1
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	0.00	1.18	0.66	0.00	1	1	3	DQIGVSGGVASFVC[330]QATGDPKPR	1
PTPRU_HUMAN (Q92729) Receptor-type tyrosine-protein phosphatase U precursor (EC 3.1.3.48) (R-PTP-U) (Protein-tyrosine phosphatase J) (PTP-J) (Pancreatic carcinoma phosphatase 2) (PCP-2) [MASS=160227]	0.00	1.47	0.46	0.00	1	1	3	MVWQEHC[330]SSIVM[147]ITKLVEVGR	1
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylate synthase 3) [MASS=55615]	*	3.33	*	*	*	1	2	M[147]ADNDTDRNQTEKLLK	1
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	0.00	4.98	27.08	0.00	1	1	3	LLVVSTQLSHC[339]R	1
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	0.27	*	*	*	1	1	LYELTR	1
R113A_HUMAN (O15541) RING finger protein 113A (Zinc finger protein 183) [MASS=38787]	*	1.75	*	*	*	1	1	APEHLR	1

R51A1_HUMAN (Q96B01) RAD51-associated protein 1 (RAD51-interacting protein) [MASS=38457]	0.00	6.82	0.26	0.00	1	1	3	C[330]NALVTSVDSAPAAVKSESQSLPK	1
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	*	5.88	*	*	*	1	3	LLVGNKC[339]DLTTK	3
RAB28_HUMAN (P51157) Ras-related protein Rab-28 (Rab-26) [MASS=24841]	0.00	8.14	1.84	0.00	1	1	3	HLRFC[339]QENGFSSHVSAK	1
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	*	2.01	*	*	*	1	2	HVNILLFMGYMTK	1
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	0.00	4.94	0.24	0.00	1	2	3	GSTAHFSGFESC[330]SNGVISNKAHQSYC[330]HSNK	1
							1	MIHFGR	1
RASN_HUMAN (P01111) GTPase NRas precursor (Transforming protein N-Ras) [MASS=21229]	0.00	12.70	0.76	0.00	1	1	3	TGEGFLC[330]VFAINNSKSFADINLYR	1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	2.37	*	*	*	2	3	C[339]LNAGSGTETAER	1
							2	C[339]SEQSLIEFFNKM[147]K	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	0.00	2.11	1.32	0.00	1	2	1	NQWSVSR	1
							2	DTSLKDVLVLAC[330]SLLK	1
RDH13_HUMAN (Q8NBN7) Retinol dehydrogenase 13 (EC 1.1.1.-) [MASS=35932]	*	6.04	*	*	*	2	2	APAPEAEDEEVAR	1
							1	LWAESAR	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	4.47	0.59	0.00	1	1	3	ENILFHLYVSTSPC[330]GDARLHSPYEITDLHSSK	1
							2	HFYNRR	3
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	0.00	1.13	0.29	0.00	1	2	3	LSPLWYKITGAQVGTGC[330]GTLNDGKSLYFNGPGK	1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	0.00	1.11	0.92	0.00	1	1	2	FESC[330]SSDEEGGLYEGK	1

RHG07_HUMAN (Q96QB1) Rho-GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) [MASS=122826]	0.00	1.83	0.17	0.00	1	1	3	KPDTM[147]ILTQIEAKEAC[330]DWLR	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase-activating protein 12 [MASS=96254]	0.00	1.54	*	*	*	1	3	SFKVSSIDSSEQK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.60	13.78	0.62	0.00	1	2	3 RYGSQNGC[330]INC[330]C[330]K 2 HFC[330]PNVPPIILVANK	1 1	
RIC8A_HUMAN (Q9NPQ8) Synembryn-A (Protein Ric-8A) [MASS=59612]	0.00	4.91	0.64	0.00	1	1	3 C[330]LDVLLTLEPHGDSTEFMGVNMDVIR	1	
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	0.00	1.78	1.02	0.42	2	2	3 LDEVPKVYSC[339]LNNKLEK 3 SSSLNNEC[330]GSLDKTSPMSNSNNDERK	1 1	
RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	*	1.18	*	*	*	2	1 RAPAAAR 3 QSRLDPSSAVLMR	1 1	
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	*	1.26	*	*	*	1	2 GNRQTNVLSK	1	
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	*	9.09	*	*	*	1	2 AHSIQIMKVEEIAASK	1	
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	0.00	4.99	0.43	0.00	1	1	3 GALSLSHVAHLRIC[330]ITHVTGGGIPC[330]IK	1	
RNT2_HUMAN (O00584) Ribonuclease T2 precursor (EC 3.1.27.-) (Ribonuclease 6) [MASS=29481]	0.84	5.86	0.91	0.20	2	1	2 HGTC[339]AAQVDALNSQK 2 HGTC[330]AAQVDALNSQK	1 1	
ROBO4_HUMAN (Q8WZ75) Roundabout homolog 4 precursor (Magic roundabout) [MASS=107457]	*	2.78	*	*	*	1	3 SPGVPLLPDTSTFYGSLIAELPSSTPAR	1	
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.62	*	*	*	3	1 ESGENK 3 QQAINSTRYQDGLATKGILNK 2 AIEKLYGK	1 1 2	

RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	0.58	*	*	*	1	2	EVEPLLGR	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	0.00	1.56	*	*	*	1	3	C[330]WYILLSGSLVKGSM[147]VLPPC[339]SFGK	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	0.00	1.05	1.03	0.00	1	1	3	IC[339]QEFNSTWAWEMEK	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	1.62	1.49	0.00	1	5	3	LPLELGTFFHQLFK	1
							2	YSNILLNC[339]K	1
							2	RNLWRDDNGVGVGR	1
							3	ALGIFTKPSLSAVLK	1
3	DVGSAAFKIFLK	1							
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	*	3.20	*	*	*	1	2	TKDDIIC[339]EIGDVFK	1
SAPS3_HUMAN (Q5H9R7) SAPS domain family member 3 (Sporulation-induced transcript 4-associated protein SAPL) (Protein phosphatase 6 regulatory subunit 3) [MASS=97669]	0.00	1.95	0.16	0.00	1	1	3	C[330]QLIERILEAWEM[147]NEKK	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	7.63	2.26	0.00	2	2	3	QC[339]DQFVAEYEPVLIIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	1
							2	GC[330]SFLPDPYQK	1
SATB1_HUMAN (Q01826) DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1) [MASS=85956]	*	1.31	*	*	*	1	2	AKVSQALFAK	1
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	0.25	2.33	0.18	0.00	1	1	2	EEIVYLPC[330]IYR	1

SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	*	0.74	*	*	*	1	2	WHMM[147]DFFHAFLIIFR	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	0.00	3.61	*	*	*	1	3	VEQQPHLPLLSTLAGIRVM[147]VHGR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.36	10.19	2.02	0.00	1	2	2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
							3	TGVKGLTAVSNAGVDNFGLGLLLR	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	*	2.90	*	*	*	1	2	YWAAEKVTEGVR	1
SDOS_HUMAN (Q9BRJ7) Protein syndesmos (NUDT16-like protein 1) [MASS=23338]	0.00	9.48	3.03	0.00	1	1	3	FWSLEDGLNRVLGLGLGC[339]LR	1
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	*	1.20	*	*	*	1	1	NHAPITTMK	1
							3	IPYPRPGTC[330]PSK	4
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	0.00	2.83	0.10	0.16	2	2	3	HHRDLDELPR	1
							3	ADLLC[339]PGPEHGR	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	0.00	1.56	4.87	0.00	1	1	3	ADLLC[339]PGPEHGR	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	2.01	*	*	*	1	3	FC[339]NENTPC[330]PVPIFWASWGSWSK	1
SERB_HUMAN (P78330) Phosphoserine phosphatase (EC 3.1.3.3) (PSP) (O-phosphoserine phosphohydrolase) (PSPase) (L-3-phosphoserine phosphatase) [MASS=25008]	*	5.78	*	*	*	1	3	LALIQPSREQVQR	1

SERC3_HUMAN (Q13530) Serine incorporator 3 (Tumor differentially expressed protein 1) [MASS=52580]	0.00	2.33	0.93	0.00	1	1	2	KIPGFC[330]EGGFK	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	0.00	0.45	133.12	0.00	1	1	3	EGYQLGQQSLC[339]K	2
SF3A1_HUMAN (Q15459) Splicing factor 3 subunit 1 (Spliceosome-associated protein 114) (SAP 114) (SF3a120) [MASS=88886]	0.00	4.67	*	*	*	2	3 3	M[147]QEHM[147]RIGLLDPR VPPPPETPMPPPLPPTDQVIVRK	1 1
SFTPD_HUMAN (P35247) Pulmonary surfactant-associated protein D precursor (SP-D) (PSP-D) [MASS=37698]	0.00	8.53	1.05	0.00	1	2	1 3	EGPLGK TAGFVKPFTEAQLLC[339]TQAGGQLASPR	1 1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.65	5.92	1.41	0.00	1	1	2	FVPFAAVAAANC[339]INIPLM[147]R	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	1.00	6.76	0.51	0.18	2	2	2 2	ATPQHTVSFTC[330]ESHGFSPR LTC[330]QVEHDGQPAVSK	1 1
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	*	3.87	*	*	*	2	3 3 2 3	KNLEVTIVPSIK TNVAFHFTASPSQPQYFLYK VTTVSELTK GLQLTWLENGNVS	2 1 1 11
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	5.78	*	*	*	2			
SIX4_HUMAN (Q9UIU6) Homeobox protein SIX4 (Sine oculis homeobox homolog 4) [MASS=80832]	0.00	2.63	0.14	0.00	1	1	3	SKYVLDGMVDTV[330]EDLETDK	1

SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	*	0.96	*	*	*	1	3	VNGEKILEDFSK	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	4.89	*	*	*	4	3	TQM[147]KPGVVPGC[330]EPC[330]RK	1
							2	GYAIC[339]QTTRPLSWVEC[339]R	1
							3	VPTC[339]TLSSGSC[330]PAMC[330]JTC[339]SNGIVDC[339]R	1
							2	LNNNEISILEATGM[147]FKK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	0.52	*	*	*	1	1	SVPRNIPR	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	0.61	6.97	0.00	1	1	2	GYEYC[339]R	6
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	*	2.76	*	*	*	1	2	GC[339]LGVSKEGRLV	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	1.27	*	*	*	1	2	AGGALC[330]HILGAAYK	1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	0.00	5.52	0.56	0.00	1	1	3	WVKIFTPYFNYMHEC[339]FERVFC[339]ELK	1
SNX6_HUMAN (Q9UNH7) Sorting nexin-6 (TRAF4-associated factor 2) [MASS=46648]	0.00	7.88	*	*	*	2	3	AINVDLQSDAALQVDISDALSERDK	1
							1	VSELFDK	1
SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding) [MASS=248440]	*	0.27	*	*	*	1	1	TRGYRK	1

SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	0.00	1.74	0.51	0.00	1	1	3	PKSDTVDFHC[330]SK	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	1.46	*	*	*	1	1	M[147]NSPGGRGK	1
SPON1_HUMAN (Q9HCB6) Spondin-1 precursor (F-spondin) (Vascular smooth muscle cell growth-promoting factor) [MASS=90973]	*	1.86	*	*	*	1	2	LC[330]GGGIQERYM[147]TVKK	1
SPRC_HUMAN (P09486) SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (Basement-membrane protein 40) (BM-40) [MASS=34632]	0.00	4.62	0.34	0.00	1	1	2	MRAWIFLLC[330]LAGR	1
SPRE2_HUMAN (Q7Z698) Sprouty-related, EVH1 domain-containing protein 2 (Spred-2) [MASS=47498]	0.00	7.89	0.29	0.00	1	2	3	PC[330]RQVSFPDDDEEIVR 2 YDPSEDADSSYVRFK	1 1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	0.00	1.62	0.34	0.00	1	2	2	DIPKMQNAAKASR 3 FSADLTC[330]RTSDLMDR	1 1
SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	*	0.50	*	*	*	1	1	ALSNAANLQRFK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	3.20	*	*	*	5	1	EFSMMFK	2
							1	AIEARHASLMK	1
							3	FEFFQTDMAAHEERVNEVNQFAAK	1
							2	HQALQAEIAGHEPR	1
							3	HKRLEAELAAHEPAIQGVLDTGK	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	0.47	*	*	*	1	1	EVVQKKTFTK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	0.76	*	*	*	3	1	EWLDK	1
							1	HNLLASK	1
							1	IQDKHK	1

SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	*	1.51	*	*	*	2	2	RQETAEKWQEK	1
							3	AEEIGRHM[147]QAVAEAWAQLQGSSAAR	1
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	*	0.51	*	*	*	1	3	LQSM[147]ESQVEEWYR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	*	2.06	*	*	*	1	3	VEKQVNDAVSK	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	0.00	6.42	3.99	0.00	1	1	3	KYKYPEFPVLEC[339]GDSEK	1
STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	0.00	1.08	*	*	*	1	3	METLRGKGAHGR	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	*	1.21	*	*	*	1	2	HITIEDLWK	1
STON2_HUMAN (Q8WXE9) Stonin-2 (Stoned B) [MASS=101164]	*	1.77	*	*	*	1	3	VILFNPLDAC[330]RFELM[147]R	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	0.97	3.37	0.60	0.05	2	1	2	AAHVFFTDSC[330]PDALFNELVK	2
STXB4_HUMAN (Q6ZWJ1) Syntaxin-binding protein 4 (Syntaxin 4-interacting protein) (Synip) [MASS=61761]	0.00	1.81	4.89	0.00	1	1	2	SEENEEDC[339]SR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	*	1.49	*	*	*	1	3	RTPITHILVC[339]R	1

2	VGMHETVLTVTGK	1
3	RALTGRDSGMEK	1
3	VQASKNPLKM[147]LAAR	22

SVIL_HUMAN (O95425) Supervillin (Archvillin)
(p205/p250) [MASS=247705] 0.00 1.81 * * * 3

SYIC_HUMAN (P41252) Isoleucyl-tRNA
synthetase, cytoplasmic (EC 6.1.1.5)
(Isoleucine--tRNA ligase) (IleRS) (IRS)
[MASS=144958] 0.00 1.66 * * * 1 3 WILSFM[147]QSLIGFFETEMAAYR 1

SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA
synthetase, mitochondrial precursor (EC
6.1.1.5) (Isoleucine--tRNA ligase) (IleRS)
[MASS=113791] 0.95 3.26 1.40 0.00 1 2 2 SC[339]QTALVEILDVIVR 1
3 C[339]PRC[330]WKYTAESSDTLC[339]PR 1

SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear
envelope spectrin repeat protein 1) (Synaptic
nuclear envelope protein 1) (Syne-1) (Myocyte
nuclear envelope protein 1) (Myne-1) (Enaptin)
[MASS=1011035] * 1.46 * * * 9 2 EHIC[339]LLPDDVSKQVK 1
3 GAVALSGDHSALESQIRQLGKALDDSR 1
2 EMFATM[147]SK 1
1 FSSM[147]APDLDR 1
3 QLRQTVEATNSM[147]NKNESDLIEK 1
2 DKTTMLGK 1
1 LNALPR 1
3 ETQFHTELM[147]AQASAVLK 1
3 KQIEHLIQPLHRDGGK 1

SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	0.97	3.83	0.69	0.00	1	1	2	LHQVYFDAPTC[330]R	1
T2R38_HUMAN (P59533) Taste receptor type 2 member 38 (T2R38) (T2R61) (PTC bitter taste receptor) [MASS=37892]	0.00	3.30	0.85	0.00	1	1	2	ADHKADSR TLC[339]	1
							2	SIQFVDWC[330]PTGFK	2
							3	TKRSIQFVDWC[339]PTGFK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	13.84	0.95	0.10	11	4	2	YMAC[339]C[339]LLYR	1
							3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
							2	YMAC[330]C[330]LLYR	1
							2	YM[147]AC[339]C[339]LLYR	2
							2	YM[147]AC[330]C[330]LLYR	2
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	*	*	*	1	3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	1
							3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	1
							2	TAVC[339]DIPPR	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	22.25	*	*	*	4	2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							1	TAVC[339]DIPPR	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	EIVHIQAGQC[339]GNQIGAK	2
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	7.21	1.05	0.10	16	2	2	EIVHIQAGQC[330]GNQIGAK	2
							2	ALVPELTQQVFDK	1
							1	TSRELR	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	0.41	2.65	1.46	0.00	1	3	2	HVDHFGFIC[339]R	1
							2	IEGM[147]NSSKTKLELQK	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	*	2.39	*	*	*	1	3	LEIAPQIYGLRWVRLLFGR	1

TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	0.31	*	*	*	1	1	VKVRHK	1
TE2IP_HUMAN (Q9NYB0) Telomeric repeat-binding factor 2-interacting protein 1 (TRF2-interacting telomeric protein Rap1) (hRap1) [MASS=44260]	*	3.26	*	*	*	1	2	FGAQNVARRIEFR	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	0.62	0.72	0.36	0.00	1	2	3 3	VRGEESEVTVGGLEPGC[330]KYK M[147]NLYGLRGRQR	1 1
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	1.07	*	*	*	3	1 3 3	VGISSR TC[339]DADASGTFR LEESPFNNQM[147]R	1 1 1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	0.55	2.11	0.58	0.00	1	1	2	QAAPC[330]VLFDELDLSIAK	1
THA_HUMAN (P10827) Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1) (EAR-7) (EAR7) [MASS=54815]	0.00	3.47	1.21	0.00	1	1	2	KC[339]IAVGMAM[147]DLVLDDSK	1
THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	*	5.42	*	*	*	1	3	DGSTTAGNSSQVSDGAAAILLAR	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	4.22	2.15	0.00	1	1	3	IHMGC[339]AENTAKKLNAR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.91	8.70	0.55	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	0.00	1.05	*	*	*	1	3	AVLMGGSALSPAAVISHERAQQQAIALAK	1

TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	0.69	*	*	*	1	2	LSIYEDWDPFR	1
TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	0.00	1.42	13.60	0.00	1	1	3	MAC[339]RDKSM[147]QDR	2
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.00	0.90	0.57	0.00	1	2	2 3	AC[330]QAATTDSELLK HTSALC[330]NAC[339]R	1 1
TM11D_HUMAN (O60235) Transmembrane protease, serine 11D precursor (EC 3.4.21.-) (Airway trypsin-like protease) [Contains: Transmembrane protease, serine 11D non-catalytic chain; Transmembrane protease, serine 11D catalytic chain] [MASS=46263]	0.00	4.31	*	*	*	1	3	DWIATSGISTTFPKLRM[147]R	1
TMPS7_HUMAN (Q7RTY8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	0.00	4.20	14.24	0.00	1	2	3 3	M[147]LC[339]AGIM[147]SGKR ISSPYPSYPPK	1 1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	2.93	*	*	*	2	3 2	WVAYVGATYLSGSEASTVR EDFLVKPEVLQK	1 1
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	*	3.70	*	*	*	1	3	AFPQDRPFEDTC[339]HGPNPSHYDK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	0.92	4.28	1.67	0.00	1	2	2 2	ILLDQVEEAVADFDEC[330]IR YGLKPPTL	1 1
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	*	0.78	*	*	*	1	1	HKEHKK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	*	0.35	*	*	*	1	1	SPAKRGR	2

TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	0.00	1.96	29.92	0.00	1	1	3	RGARSYQVIC[339]R	6
TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	0.00	4.49	1.31	0.00	1	1	2	GNATHDNIC[339]SGNSESTQK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	1.13	*	*	*	1	1	SGSSDVGR	1
TREM2_HUMAN (Q9NZC2) Triggering receptor expressed on myeloid cells 2 precursor (Triggering receptor expressed on monocytes 2) (TREM-2) [MASS=25447]	0.00	8.70	0.90	0.00	1	1	3	GPC[330]QRVVSTHNLWLLSFLRR	1
TREX2_HUMAN (Q9BQ50) Three prime repair exonuclease 2 (EC 3.1.11.2) (3'-5' exonuclease TREX2) [MASS=30621]	0.00	6.81	3.43	0.00	1	1	3	AGSPLPRSSWPRM[147]DDC[339]GSR	1
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	0.00	4.27	1.33	0.00	1	1	3	EPLAAFC[339]GDELRLLC[339]AAC[339]ER	1
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	0.00	1.02	22.86	0.00	1	1	2	C[339]PVHGK	2
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	*	4.05	*	*	*	2	3 3	ADPVYSPPLQVSGLC[330]WRLK SELISKSSEILMMFQQVHRK	1 1
TRI54_HUMAN (Q9BYV2) Tripartite motif-containing protein 54 (Muscle-specific RING finger protein 3) (MuRF3) (MURF-3) (Muscle-specific RING finger protein) (MuRF) (RING finger protein 30) [MASS=40328]	0.00	8.38	*	*	*	2	3 3	NELSDGIAMLVAGNDR PLLGDAHSMNLEK	1 1

TRI56_HUMAN (Q9BRZ2) Tripartite motif-containing protein 56 (RING finger protein 109) [MASS=81487]	*	0.79	*	*	*	1	1	GGRPKNK	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	0.00	3.23	0.22	0.00	1	1	3	EDSPGPEVQPMQKFLVC[330]SIC[330]LDR	1
TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	5.07	1.74	0.00	1	2	3	SWFM[147]HNNSHTNR	2
							3	EVYVGKETM[147]C[339]TVDGLHFNSTYNAR	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	0.00	0.64	*	*	*	1	3	LLGM[147]EDDIPLR	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.22	3.56	1.35	0.00	1	2	2	AFRSGEM[147]VTVGKSSDGTDPDR	1
							2	MYDLLLLKC[339]AR	1
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	*	1.35	*	*	*	1	1	LLGGLGGR	2
TSSK3_HUMAN (Q96PN8) Testis-specific serine/threonine-protein kinase 3 (EC 2.7.11.1) (TSSK-3) (Testis-specific kinase 3) (TSK-3) (Serine/threonine-protein kinase 22C) [MASS=30102]	0.00	7.46	2.61	0.00	1	1	3	C[339]ENALLQGFNLKLTDFGFAK	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	0.00	3.67	0.60	0.00	1	1	3	VM[147]YSM[147]ANC[330]LLLM[147]KDYVLAVDAYHSHVIK	1
UB2Q2_HUMAN (Q8WVN8) Ubiquitin-conjugating enzyme E2 Q2 (EC 6.3.2.19) (Ubiquitin-protein ligase Q2) (Ubiquitin carrier protein Q2) [MASS=42818]	0.00	7.47	*	*	*	1	3	VQFGANKNQYNLARAQQSYNSIVQIHEK	1
UBN1_HUMAN (Q9NPG3) Ubinuclein (Ubiquitously expressed nuclear protein) (VT4) [MASS=121540]	0.32	3.44	0.47	0.00	1	3	1	KVM[147]APSKIK	1
							3	TPASSSSALSHPAK	1
							3	C[330]PEFFYPELVKNIRGK	1

UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	*	2.83	*	*	*	2	3	NDSVIVDTFHGLFK PNSDDEDDGDEK	1 1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	*	1.12	*	*	*	1	3	QLSLKQSEENR	1
UBQL1_HUMAN (Q9UMX0) Ubiquilin-1 (Protein linking IAP with cytoskeleton 1) (PLIC-1) (hPLIC-1) [MASS=62519]	0.00	2.72	*	*	*	1	3	SHTDQLVLIFAGKILK	1
UBXD6_HUMAN (O00124) UBX domain-containing protein 6 (Rep-8 protein) (Reproduction 8 protein) [MASS=30541]	0.26	2.96	1.64	0.00	1	1	2	C[339]PSGNVLR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	1.70	*	*	*	1	3	EARGYYEQTGVGPLPVVLFNGMPFER	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	0.00	1.33	*	*	*	1	3	NLAKSQTLGKEIK	2
UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	*	0.38	*	*	*	1	1	SHVYKK	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	*	0.97	*	*	*	1	3	C[339]NSEVWHQK	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	2.50	2.10	0.02	3	1	2 2	LC[339]TSATESEVAR LC[330]TSATESEVAR	1 2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	0.82	0.41	4	2	2 2 2	ENM[147]AYTVEC[339]LR NALANPLYC[330]PDYR NALANPLYC[339]PDYR	1 1 2

USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	*	0.46	*	*	*	2	3	QVGADPSAIDVC[339]K	1
							2	LVQDQSDELIC[339]K	1
V1AR_HUMAN (P37288) Vasopressin V1a receptor (V1aR) (Vascular/hepatic-type arginine vasopressin receptor) (Antidiuretic hormone receptor 1a) (AVPR V1a) [MASS=46799]	0.00	7.18	1.01	0.00	1	1	3	HLQVFGM[147]FASAYMLVVM[147]TADRYIAVC[330]HPLK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	3.73	0.06	0.00	1	1	3	FC[330]PFYKTVGMLSNMIAFYDMARR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	*	2.92	*	*	*	1	3	PGGLPGSSC[339]NLGAAR	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	*	2.94	*	*	*	1	3	EQALAVSRNYLSQPR	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	1.99	0.03	3	1	2	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	5.48	1.90	0.01	3	1	2	SC[330]SGVEFSTSGSSNTDTGK	1
							2	SC[339]SGVEFSTSGSSNTDTGK	2
VILI_HUMAN (P09327) Villin-1 [MASS=92563]	0.00	3.51	*	*	*	1	3	TEKQVVVEGQEPANFWMALGGKAPYANTK	1

VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	0.00	5.30	*	*	*	4	2	IRTNLLQVC[330]ER	1
							1	ATM[147]LGR	1
							3	AVAGNISDPGLQKSFLDSGYRILGAVAK	1
							3	NPGNQAAAYEHFETM[147]K	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.30	7.89	1.13	0.00	1	1	2	SDPSIVLLLQC[330]DIQK	1
VPS11_HUMAN (Q9H270) Vacuolar protein sorting 11 (hVPS11) (RING finger protein 108) [MASS=107836]	0.00	1.17	13.05	0.00	1	1	3	VELDTHGC[339]GLR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	2.28	0.86	0.00	1	3	3	TEPMQVALHC[339]TNGSVVYHEVLNAM[147]EC[330]K	1
							2	GC[330]SHPSVKC[330]K	1
							3	M[147]IPARFAGVLLALALILPGTLC[330]AEGTR	1
WDR69_HUMAN (Q8N136) WD repeat protein 69 [MASS=45777]	*	2.41	*	*	*	1	2	LEGHEGEISK	1
							2	FFYGC[339]R	6
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	0.32	0.40	27.22	0.01	3	1			
WFDC1_HUMAN (Q9HC57) WAP four-disulfide core domain protein 1 precursor (Prostate stromal protein ps20) (ps20 growth inhibitor) [MASS=23976]	0.00	4.09	0.47	0.00	1	1	2	C[339]QADSEC[339]PR	1
WNK3_HUMAN (Q9BYP7) Serine/threonine-protein kinase WNK3 (EC 2.7.11.1) (Protein kinase with no lysine 3) (Protein kinase, lysine-deficient 3) [MASS=191788]	*	1.03	*	*	*	2	2	VDKLPSNVLR	1
							1	GAFKTVYK	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	0.36	*	*	*	1	1	KGPVVAK	3
YYY1_HUMAN (P49646) Very very hypothetical protein RMSA-1 [MASS=48240]	0.23	5.02	*	*	*	1	3	ERFTSLILLNNM[147]HQMIFPM[147]VK	1
ZBT10_HUMAN (Q96DT7) Zinc finger and BTB domain-containing protein 10 (Zinc finger protein RIN ZF) [MASS=92444]	0.00	2.01	5.52	0.00	1	1	3	LQC[339]SFQTSWLKDFPWLK	1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	0.00	4.44	7.68	0.00	1	1	3	METPTPLPPVPASPTC[339]NPAPR	1

ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	0.00	2.69	0.59	0.00	1	1	3	SEAGHASSPDSEVTSLC[330]QK	1
ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	0.00	2.28	3.35	0.00	1	3	3 KC[339]VDLGISVGLIDEQDTEESDEK 3 DLQVTNVQPLSANMSQGGVSRLETNENSHQK 2 KIPKSPLR	1 1 1	
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.31	0.00	1	1	3 SYAGKQTDEC[330]NEFGKALLYLK	1	
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	0.79	*	*	*	1	1 MM[147]NRFRK	1	
ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	*	0.98	*	*	*	1	2 KQENYIPDEDLTGK	1	
ZIMP7_HUMAN (Q8NF64) PIAS-like protein Zimp7 [MASS=96536]	*	3.37	*	*	*	1	3 GPSVPAGMNPTGIGGVM[147]GPSGLSPLAMNPTR	1	
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	0.00	4.43	0.27	0.00	1	2	3 C[330]LDPDQQNLYR 3 TRHTGEKHFK	1 1	
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	*	0.47	*	*	*	1	2 THMC[339]PEC[339]K	1	
ZN177_HUMAN (Q13360) Zinc finger protein 177 [MASS=36369]	0.00	9.35	1.32	0.00	1	3	3 THTGEKPYDC[330]KEC[330]GK 2 C[339]IQC[339]EK 2 HM[147]RSHTGEK	1 1 1	
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	1.25	*	*	*	2	1 HMATHM[147]SMK 3 KTHIASHFKHTELR 1 HM[147]ATHMSMK	1 1 1	
ZN239_HUMAN (Q16600) Zinc finger protein 239 (Zinc finger protein MOK-2) (HOK-2) [MASS=51530]	0.00	3.28	1.25	0.00	1	1	2 KVIKGESC[339]SENLQVK	1	
ZN257_HUMAN (Q9Y2Q1) Zinc finger protein 257 (Bone marrow zinc finger 4) (BMZF-4) [MASS=62348]	0.00	3.93	*	*	*	1	3 YDEC[330]C[339]KAFKWSSALTTLTQHK	1	

ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	0.00	3.17	0.98	0.00	1	1	3	C[339]EDC[339]GKVFSVFSVLTK	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	1.55	0.06	0.00	1	1	3	M[147]YNC[330]PKC[330]DYGTVNPVEFR	1
ZN446_HUMAN (Q9NWS9) Zinc finger protein 446 [MASS=48957]	0.00	9.56	0.51	0.00	1	2	2	LRELC[339]C[330]QWLQPEAHSK	1
							3	SLTGPRSYPC[330]EEC[330]GC[330]SFSWKSQVLVHR	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	2.27	*	*	*	3	1	QKYADGAFADFK	1
							3	IVSLLSSHSHSSQK	1
							1	HRDFK	1
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	0.00	2.21	0.77	0.00	1	1	2	VHTGARPHAC[339]R	1
ZN570_HUMAN (Q96NI8) Zinc finger protein 570 [MASS=62330]	0.00	4.29	*	*	*	1	3	RELTKGLC[330]SGWEPIIC[339]ETEELTPK	1
ZN596_HUMAN (Q8TC21) Zinc finger protein 596 [MASS=57907]	0.00	3.61	0.85	0.00	1	1	3	HERTHTGEKPYGC[330]HLC[330]GK	1
							3	QYKC[330]DVC[339]GKLFNHK	1
							3	VFSC[339]GSTLETHK	21
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	0.00	3.60	7.08	0.02	5	2			
ZN605_HUMAN (Q86T29) Zinc finger protein 605 [MASS=74376]	0.00	2.18	*	*	*	1	3	PQLLRHQRIHTGEK	2

ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	0.00	7.33	2.72	0.00	1	3	1	NLTSVGK	2
							2	EC[339]GNAFSFPSEIRRHK	1
							3	HC[339]GKAFISNYIRYHER	1
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	0.00	2.02	*	*	*	1	3	DSNGARMLILMTEQFLQDTR	1

Table 9. EAD Mitochondrial Study

Experiment 3

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	1.00	14.12	0.81	0.02	3	2	2	LIC[330]C[330]DILDVLDK	1
							3	LIC[339]C[339]DILDVLDKHLIPAANTGESK	1
							3	LIC[330]C[330]DILDVLDKHLIPAANTGESK	1
							3	LIC[330]C[339]DILDVLDKHLIPAANTGESK	1
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	1.00	7.76	0.80	0.03	3	1	3	ELETVC[339]NDVLSLLDKFLIK	1
							3	ELETVC[330]NDVLSLLDKFLIK	1
							2	ELETVC[330]NDVLSLLDKFLIK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	24.80	0.89	0.15	5	4	3	ELEAVC[330]QDVLSLLDNYLIK	1
							2	NC[330]SETQYESK	1
							2	NC[330]SETQYESKVFYLK	1
							2	NC[339]SETQYESK	1
							2	ELEAVC[339]QDVLSLLDNYLIK	1
							2	ELEAVC[330]QDVLSLLDNYLIK	1
3	NC[330]SETQYESKVFYLMK[147]K	1							
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	39.18	0.90	0.06	3	5	2	SIC[330]TTVLELLDK	1
							2	YLAEVAC[330]GDDRK	1
							3	SIC[339]TTVLELLDKYLIANATNPESK	1
							3	LAEQAERYDDMATC[330]MKAVTEQGAELSNEER	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	18.37	0.60	0.06	3	3	2	IETELRDIC[330]NDVLSLLEK	1
							2	NELVQKAKLAEQAER	1
							3	IETELRDIC[330]NDVLSLLEK	1
							2	DIC[330]NDVLSLLEK	1
2A5A_HUMAN (Q15172) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A, B subunit, B' alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform) (PP2A, B subunit, R5 alpha isoform) [MASS=56193]	*	3.50	*	*	*	1	3	QNSAYNM[147]HSILSNTSAE	1

2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	6.80	0.84	0.02	3	2	3	DNTIEHLLPLFLAQLKDEC[330]PEVR	1
							2	LNIISNLDC[330]VNEVIGIR	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
2AAB_HUMAN (P30154) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform (PP2A, subunit A, PR65-beta isoform) (PP2A, subunit A, R1-beta isoform) [MASS=66201]	0.00	5.66	*	*	*	1	3	LLAVEAC[330]VSIAQLSQQDLETLVMPTLRQAAEDK	1
2ABB_HUMAN (Q00005) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (PP2A, subunit B, B-beta isoform) (PP2A, subunit B, B55-beta isoform) (PP2A, subunit B, PR55-beta isoform) (PP2A, subunit B, R2-beta isoform) [MASS=51710]	0.00	8.58	1.40	0.00	1	2	2	LRDPATITTLRVPVLR	1
							3	FEC[330]VWNGSDSVIMTGSYNNFFR	1
2B17_HUMAN (P13761) HLA class II histocompatibility antigen, DRB1-7 beta chain precursor (MHC class I antigen DRB1*7) (DR-7) (DR7) [MASS=29822]	0.00	8.65	*	*	*	1	2	SGEVYTC[339]QVEHPSVMSPLTVEWR	1
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	0.44	6.42	0.55	0.00	1	3	2	RPAPARPTM[147]PPPQVSGSR	1
							2	ERTESEVPPR	1
							2	RLQAC[330]LQGQSGADM[147]DKR	1
41_HUMAN (P11171) Protein 4.1 (Band 4.1) (P4.1) (EPB4.1) (4.1R) [MASS=97016]	0.99	3.82	*	*	*	2	2	VC[330]VEHHTFFR	1
							3	FYPDPQAQLTEDITRYLVC[330]LQLR	1
5HT2A_HUMAN (P28223) 5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2) [MASS=52603]	0.00	2.55	0.54	0.00	1	1	2	EATLC[330]VSDLGTR	1
A4_HUMAN (P05067) Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer disease amyloid protein) (Cerebral vascular amyloid peptide) (CVAP) (Protease nexin-II) (PN-II) (APPI) (PreA4) [Contains: Soluble APP-alpha (S-APP-alpha); Soluble APP-beta (S-APP)] [MASS=86943]	*	4.94	*	*	*	1	3	LVFFAEDVGSNKGAIIGLMVGGVVIATVIVITLVM[147]LKK	1

							2	VGAFTMVC[339]K	1
							1	DADEAK	1
							2	NLDKEYLPIGGLAEFC[339]K	2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	19.53	1.85	0.08	8	6	2	HFIEQGIVNC[330]LC[330]QSYAK	1
							2	NLDKEYLPIGGLAEFC[330]K	2
							2	TC[339]GFDFTGAVEDISK	1
							2	HFIEQGIVNC[339]LC[339]QSYAK	1
							3	NLFAFFDM[147]AYQGFASGDGDK	1
ABCA3_HUMAN (Q99758) ATP-binding cassette sub-family A member 3 (ATP-binding cassette transporter 3) (ATP-binding cassette 3) (ABC-C transporter) [MASS=191361]	0.00	9.15	1.05	0.00	1	6	3	C[339]PEEVKQMLHIIGLEDKWNSR	1
							3	EGFLAVQHAVDRAIMEYHADAATR	1
							3	M[147]VAAQVLVPLTC[339]VTLALLAINYSSELFDDPM[147]LR	1
							2	ANM[147]AAAFGGFLYFFTYIPYFFVAPR	1
							3	VGKLVDSM[147]DIQAIQLPALQYQHERR	1
							3	QRIGYC[330]PQFDALLDHMTGREM[147]LVMYAR	1
ABCAC_HUMAN (Q86UK0) ATP-binding cassette sub-family A member 12 (ATP-binding cassette transporter 12) (ATP-binding cassette 12) [MASS=293249]	0.00	3.35	0.37	0.00	1	4	2	LGAM[147]FVALVSQGTMMFFSLRLLINESLIK	1
							3	IGNSNANGISTPDDLSVSSSNFTDRDDK	1
							2	NMGVC[330]M[147]QHDVLFYSYLTTK	1
							2	SVPLTQAMYRSNR	1
ACET_HUMAN (P22966) Angiotensin-converting enzyme, testis-specific isoform precursor (EC 3.4.15.1) (EC 3.2.1.-) (ACE-T) (Dipeptidyl carboxypeptidase I) (Kininase II) [Contains: Angiotensin-converting enzyme, testis-specific isoform, soluble form] [MASS=83330]	0.00	3.69	0.46	0.00	1	1	3	QC[330]TTVNLEDLVVAHHEM[147]GHIQYFMQYK	1
ACL6B_HUMAN (O94805) Actin-like protein 6B (53 kDa BRG1-associated factor B) (Actin-related protein Baf53b) (ArpNalpha) [MASS=46877]	*	10.33	*	*	*	2	2	SEPNLHPVLMSEAPWNTRAK	1
							2	MSGGVYGGDEVGALVFDIGSFSVR	1
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	*	2.76	*	*	*	1	2	PYM[147]ETAKTGDNR	1
							3	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.15	1.77	0.04	6	2	3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							3	HGIRWVVIKDENVYEGESSREHAALPR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	2

ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	*	8.08	*	*	*	1	3	AGRVRGTLFLPPEPGPFPGIVDM[147]FGTGGGLLEYR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	8.13	1.13	0.00	2	3	2 MRRAPC[339]VR 2 SLEIC[339]HPQER 2 SLEIC[330]HPQER 3 VLPSNAVWMENSKLK	1 1 1 1	
ACOX2_HUMAN (Q99424) Acyl-coenzyme A oxidase 2, peroxisomal (EC 1.17.99.3) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase) (Trihydroxycoprostanoyl-CoA oxid [MASS=76826]	0.00	7.05	3.80	0.00	1	2	3 RLC[339]DLHAIHGILTNSGDFLHDAFLSGAQVDMAR 3 LTNILDGGAQNTALR	1 1	
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	30.77	1.39	0.11	5	3	2 LM[147]C[339]PQEIVDYIADKK 3 LM[147]C[339]PQEIVDYIADKKDVYE 2 LMC[339]PQEIVDYIADKK 2 LM[147]C[339]PQEIVDYIADK 2 LM[147]C[339]PQEIVDYIADKKDVYE	1 1 1 1 1	
ACSL4_HUMAN (O60488) Long-chain-fatty-acid-CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	*	9.28	*	*	*	3	2 VKALLGGNVRM[147]M[147]LSGGAPLSPQTHR 3 PKGVMM[147]HHSNLIAGM[147]TGQC[339]ER 2 GDC[339]TVLKPTLMAAVPEIMDR	1 1 1	

								1	C[339]DVIDIRK	2
								2	EKLC[330]YVALDFEQEM[147]ATAASSSSLEK	2
								3	EKLC[330]YVALDFEQEM[147]ATAASSSSLEK	1
								3	FRC[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
								2	IWHHTFYNELR	1
								3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
								3	FRC[330]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	40.00	0.73	0.12	12	7		1	C[330]DVIDIRK	1
								3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
								3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
								2	DLYANTVLSGGTTMYPGIADRMQK	1
								2	C[339]DVIDIRK	2
								2	KDLYANTVLSGGTTM[147]YPGIADRMQK	1
								3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIM[147]K	1
								3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.00	2.93	*	*	*	1		2	YC[339]FPNYVGRPK	1
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	0.00	5.32	0.09	0.00	1	1		2	AEEHRGLLSIRYPMEHGIVK	1
ACVR1_HUMAN (Q04771) Activin receptor type-1 precursor (EC 2.7.11.30) (Activin receptor type I) (ACTR-I) (Serine/threonine-protein kinase receptor R1) (SKR1) (Activin receptor-like kinase 2) (ALK-2) (TGF-B superfamily receptor type I) (TSR-I) [MASS=57153]	*	2.36	*	*	*	1		3	QITLLEC[330]VGKGR	1
ACY2_HUMAN (P45381) Aspartoacylase (EC 3.5.1.15) (Aminoacylase-2) (ACY-2) [MASS=35735]	0.00	12.14	0.31	0.00	1	2		3	TIPLGGDC[330]TVYPVVFVNEAAYYEKK	1
								2	EAFAKTTKLTNAK	1
ADA12_HUMAN (O43184) ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha) [MASS=99641]	0.00	2.86	3.03	0.00	1	1		2	LLQC[339]QNVDISRPLNGLNVPQPQSTQR	1

ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	*	3.65	*	*	*	1	3	SDGTDNAYVADGTM[147]C[339]GPEM[147]YC[330]VNKTC[330]R	1
							3	SDGTDNAYVADGTM[147]C[330]GPEMYC[330]VNKTC[339]R	1
ADA22_HUMAN (Q9P0K1) ADAM 22 precursor (A disintegrin and metalloproteinase domain 22) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 2) (Metalloproteinase-disintegrin ADAM22-3) [MASS=100432]	0.89	5.41	0.63	0.00	1	3	3	DQLKTRIVLVAM[147]ETWATDNK	1
							2	HISDIC[330]ENGRPR	1
							2	DVLC[330]GYLLC[330]TNIGNIPR	1
ADA23_HUMAN (O75077) ADAM 23 precursor (A disintegrin and metalloproteinase domain 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3) [MASS=91926]	0.99	4.57	0.50	0.00	1	2	2	RSSLSYFGGVC[330]SR	1
							3	DAVNEC[330]DITEYC[330]TGDSGQC[330]PPNLHK	1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	2.86	5.25	0.00	1	1	3	C[339]QC[339]SGAVC[339]IM[147]NPEAIHFSGVK	1
ADAM8_HUMAN (P78325) ADAM 8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 8) (Cell surface antigen MS2) (CD156a antigen) (CD156) [MASS=88673]	0.00	4.13	0.55	0.00	1	2	2	C[339]IM[147]AGSIGSSFPR	1
							3	PPPAPPVTVSSPPFPVPVYTR	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	5.93	0.96	0.00	1	4	2	ADINAKQEDM[147]M[147]FHK	1
							2	M[147]DSTGVPDR	1
							2	HVAMEMKADINAKQEDMM[147]FHK	1
							2	VHC[339]GVLGLR	1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenylyl cyclase) [MASS=130615]	0.00	2.14	*	*	*	1	3	KPQYDIWGNTVNVSSRMDSTGVPDR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	0.00	2.31	0.71	0.00	1	1	2	C[330]VVHIHTPAGAAVSAMK	1

ADDB_HUMAN (P35612) Beta-adducin (Erythrocyte adducin subunit beta) [MASS=80722]	*	3.59	*	*	*	1	3	GSSC[339]FPVDTTGFC[330]LHSAIYAARPDVR	1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain-containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	0.22	15.98	0.80	0.00	1	2	1 DGTPGKEK 3 GAC[339]TGWM[147]AGIPGHPGHNGAPGRDGRDGTGPEK	1 1	
ADMP_HUMAN (Q8NFR3) Protein ADMP [MASS=9198]	0.00	13.16	0.56	0.00	1	1	2 IC[339]GYHSTISN	1	
ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	*	0.97	*	*	*	1	2 VAVEKFNAENYWK	1	
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferredoxin reductase) (Ferredoxin--NADP(+) reductase) [MASS=53836]	*	8.55	*	*	*	2	3 PVSFSDWEKLDAAEEVAR 2 GPTGVIATTM[147]TDSFLTGM[147]LLQDLK	1 1	

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	6
								2	EFHGLGDC[339]IIK	1
								1	EFHGLGDC[339]IIK	4
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	12.79	1.69	0.02	7	2		2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	10
								2	EFHGLGDC[330]IIK	1
								1	EFHGLGDC[330]IIK	1
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.44	0.00	1	1		1	GLGDC[330]LVK	1
								2	GLGDC[339]LVK	1

AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	2.40	*	*	*	4	3	EHYVAVQLLKEEC[330]GTLKAVIQC[339]LR	1
							2	AENVQSC[339]DTQVSSLLDGVVTM[147]TSRGAEGSVSK	1
							3	EILLSNSDPHDIPESKDC[339]VLTISEEM[147]FSKDK	1
							2	AVIQC[330]LR	2
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	4.79	*	*	*	2	2	EGIKDGATM[147]K	1
							3	DGHIKITDFGLC[339]K	1
AKT2_HUMAN (P31751) RAC-beta serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-beta) (Protein kinase Akt-2) (Protein kinase B, beta) (PKB beta) [MASS=55768]	*	2.49	*	*	*	1	3	AIQMVANSLKQR	1
AL2SF_HUMAN (Q6ZP36) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 16 protein [MASS=44221]	0.00	12.07	*	*	*	2	3	C[339]C[330]LLHLFGAIVAGGQRNALQAISPATMEVLM[147]R	1
							3	LLNSDHSALPNQRR	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.95	6.47	1.23	0.00	1	2	2	LPGAIC[339]SLTC[339]GGADIGTAM[147]AKDER	1
							2	STC[339]TINYSK	1
							3	VHTEC[339]C[339]HGDLLC[339]ADDRADLAK	1
							2	LKEC[339]C[339]EKPLLEK	1
							2	ALVLIIFAQYLQQC[330]PFEDHVK	1
							2	NEC[339]FLQHKDDNPRLVR	1
							2	LKEC[330]C[330]EKPLLEK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	25.12	0.73	0.07	10	9	2	C[339]C[339]AAADPHEC[339]YAK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	LKEC[330]C[330]EKPLLEK	1
							3	QEPERNEC[339]FLQHKDDNPRLPR	1
							2	ADDKETC[330]FAEEGKK	1
							3	QEPERNEC[330]FLQHKDDNPRLPR	1
							1	DVC[339]KNYAEAK	1
							3	M[147]PC[330]AEDYLSVVLNQLC[330]VLHEK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	7.16	1.31	0.05	2	2	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	32.23	0.80	0.21	8	8	3	QLLLTADDRVNPC[330]IGGVILFHETLYQK	1
							1	C[330]AQYK	1
							3	ALSDHHIYLEGTLKPNM[147]VTPGHAC[330]TQK	1
							2	C[339]AQYKK	1
							3	QLLLTADDRVNPC[339]IGGVILFHETLYQK	1
							3	ADDGRPFPPQVIKSK	1
							2	VNPC[330]IGGVILFHETLYQK	1
ALDOB_HUMAN	0.00	4.96	*	*	*	1	2	GILAADESVGTM[147]GNRLQR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.00	7.71	*	*	*	1	2	ALSDHHVYLEGTLKPNM[147]VTPGHAC[339]PIK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	1.37	*	*	*	4	2	DC[330]DRYDDLDC[330]SYM[147]SWK	1
							2	EPSSTGVSNGLLHR	1
							2	PIVNYKQAFPDGHLPEEALK	1
							2	ERQRQQR	1
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	*	2.03	*	*	*	1	2	AC[339]NPSYSGGXGR	1
AMOL1_HUMAN (Q8IY63) Angiotensin-like protein 1 [MASS=106573]	*	1.88	*	*	*	1	2	VEKLQQALTQLQSAC[330]EKR	1
AMPB_HUMAN (Q9H4A4) Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) [MASS=72595]	0.00	3.08	0.35	0.00	1	1	3	RISTILFGAAYTC[330]LEAATGR	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	*	3.36	*	*	*	1	3	M[147]GNLHTWDGGLPPSWHIKQLYLQHR	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	0.00	7.19	0.21	0.00	1	5	1	EIPIIK	1
							2	EDDVFLTELM[147]KLANRFQLQLLR	1
							3	ENAAAFDLFLEC[339]MPGYPLDK	1
							3	KHHC[330]RHC[330]GR	1
							3	PDADGSTVLLLAYM[147]KGNANLC[339]RAIVR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	2.68	0.91	0.04	2	7	3	NGYTPLHIAAKK	1
							2	PNATTANGNTALAIK	1
							2	GLVHQAIK[330]NLNITLPIYTK	1
							3	C[339]LLRNGALVDAR	1
							3	AESPQADC[330]PSEFSSSSSSLPHC[330]LVSEGK	1
							1	EDAAGGKEK	1
ANKR5_HUMAN (Q9NU02) Ankyrin repeat domain-containing protein 5 [MASS=86664]	0.00	7.86	0.35	0.00	1	3	3	KEEELLSSYGVPTTSEGKK	1
							3	M[147]GC[330]TPTM[147]RAAELGHELMS[147]EILAKAK	1
							2	MGC[330]TPTM[147]RAAELGHELSMEILAKAK	1
							3	KGHSAMDVAKAYADYR	1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.44	*	*	*	4	2	ELISEGADVNVK	1
							2	KDSGQYEKDFLEADAYGVSYNMK	1
							2	GQEPGLTAFLEVSFTEPPGDDKPR	1
							1	HAAEDK	2
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	15.09	1.64	0.00	2	3	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
							2	EM[147]YKTDLEK	1
							3	GDLENAFLNLVQC[330]IQNKPLYFADR	1
							2	RAEDGSVIDYELIDQDAR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.21	0.99	0.05	3	3	2	LIVGLM[147]RPPAYC[339]DAK	1
							2	QRQEVK[339]QSYK	1
							2	QRQEVK[330]QSYK	1
							2	M[147]LVVLLQGTR	1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.72	6.64	1.64	0.00	1	3	1	KIC[339]ELYAK	1
							2	NQLIQRLPM[147]GAVIKC[330]MMYYK	1
							1	IC[339]ELYAK	2
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	1.16	*	*	*	1	1	C[330]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg) [MASS=104606]	1.00	3.06	*	*	*	3	2	C[330]LKDEDPYVRK	1
							2	C[330]VSTLLDLIQTK	1
							2	TM[147]GC[330]JIR	1

AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554])	1.00	10.95	0.83	0.13	6	7	3	EM[147]GEAFAADIPR	1
							2	AC[339]NQLGQFLQHR	1
							2	AC[330]NQLGQFLQHR	1
							2	TVFEALQAPAC[339]HENM[147]VK	1
							2	FHLC[330]SVATR	2
							1	SKFKGDK	1
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960])	0.25	4.47	1.77	0.00	1	2	2	AVDLLYAMC[339]DR	1
							3	LSRIVTSASTDLQDYTYFVPAPWLSVKLLR	1
AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552])	1.00	5.12	0.77	0.16	3	2	3	VIAAM[147]TVGKDVSSLFPDVVNC[330]MQTDNLELKK	1
							2	FLELLPKDSDYNNM[147]LLK	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654])	0.00	5.98	1.56	0.00	1	2	2	QSI AIDDC[330]TFHQ C[330]VR	1
							2	MC[330]DVMAAYFGK	1
APCD1_HUMAN (Q8J025) Protein APCDD1 precursor (Adenomatosis polyposis coli down-regulated 1 protein) [MASS=58796])	*	6.42	*	*	*	2	1	LGQQVNR	1
							3	MFYRPSSYQPPLQNAKNHDHAC[339]IAC[330]R	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480])	0.00	5.53	0.81	0.00	1	2	1	VYVSGLM[147]K	2
							2	TRDEPVC[330]GRPLGIR	1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275])	1.00	6.35	1.58	0.00	2	1	2	KM[147]TVTDQVNC[330]PK	1
							2	KM[147]TVTDQVNC[339]PK	1

AR6P1_HUMAN (Q15041) ARL-6-interacting protein 1 (ADP-ribosylation-like factor 6-interacting protein 1) (Aip-1) [MASS=23363]	0.00	11.33	1.19	0.00	1	2	2	FHEIC[339]SNLVK 2 FHEIC[339]SNLVKTRR	1 1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	0.39	1.46	1.36	0.00	1	1	2	HGVQEC[330]ILLVTQR	1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	*	3.35	*	*	*	3	2	RC[330]IC[330]VSNIVRSLSFVPGNDAEM[147]SK 3 RNSM[147]TPNAPYQQGM[147]SM[147]PDVMGRMPYEPNK 3 RNSMTPNAPYQQGMSMPDVMGR	1 1 1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	2.47	*	*	*	2	2	TSDC[339]IGSEGMKLNLFQHFER 2 RRLNDELLGK	1 1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	2.45	*	*	*	2	3	VGVRIVTISDPNAGC[330]SATMVAVPAGADPSTVAK 3 KIEVMENPSC[339]R	1 1
ARL4C_HUMAN (P56559) ADP-ribosylation factor-like protein 4C (ADP-ribosylation factor-like protein 7) (ADP-ribosylation factor-like protein LAK) [MASS=21487]	0.00	13.54	0.32	0.00	1	1	3	C[330]TDGIIVVDSVDVDRLEEAKTELHK	1
ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	*	10.55	*	*	*	2	3	FM[147]AKLAEHM[147]FPKSQE 2 PYILEAALIALGNNAAYAFNRDIIR	1 1

ARTS1_HUMAN (Q9NZ08) Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A-LAP) (ARTS-1) (Aminopeptidase PILS) (Puromycin-insensitive leucyl-specific aminopeptidase) (PILS-AP) (Type 1 tumor necrosis factor receptor shedding aminopeptidase r [MASS=105846])	*	4.63	*	*	*	2	2	SGVKVSVYAVPDK	1
							3	EGELRILASTQFEPTAARMAFPC[330]FDEPAFK	1
ARX_HUMAN (Q96QS3) Homeobox protein ARX (Aristaless-related homeobox) [MASS=58160]	*	2.14	*	*	*	1	2	ADPEKAVQGSPK	4
ASB10_HUMAN (Q8WXI3) Ankyrin repeat and SOCS box protein 10 (ASB-10) [MASS=46609]	*	2.10	*	*	*	1	1	VWPGALPKK	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	0.58	*	*	*	1	2	KNC[330]LVK	2
							2	KNC[339]LVK	1
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	2.82	1.08	0.00	1	2	2	SPQENLVPC[339]DVLLLR	1
							3	KFGSNTAEMVVPDFSELFK	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							2	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1
							2	IAGLC[330]NR	1
							2	NLEAVETLGSTSTIC[330]SDK	1
							2	ILDRC[339]SSILLHGK	1
							2	IISANGC[339]K	1
							1	IISANGC[330]K	1
							2	AC[330]VVHGSDLK	1
							2	C[330]SSILLHGK	1
							3	IPADLR IISANGC[330]KVDNSSLTGSESEPQTR	1
							2	AC[339]VVHGSDLK	1
							2	IISANGC[330]K	1
						1	C[330]SSILLHGK	2	
						1	C[339]SSILLHGK	1	

AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na ⁺ /K ⁺ ATPase 2) [MASS=112265]	1.00	2.25	0.52	0.01	2	2	2	IISSHGC[330]K	1
							2	NIC[330]FFSTNC[330]VEGTAR	1
							2	YNTDC[339]VQGLTHSK	1
							2	KYNTDC[330]VQGLTHSK	2
							2	NITFFSTNC[330]VEGTAR	2
							2	VLGFC[330]HYLPEEQFPK	2
							2	AC[330]VIHGTDLK	1
							2	M[147]SVEEVC[330]R	1
							1	C[330]IELSSGSVK	2
							2	C[330]IELSSGSVK	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	15.40	0.51	0.30	29	12	1	C[330]STILLQGK	1
							2	SPDC[339]THDNPLETR	2
							3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
							1	SPDC[330]THDNPLETR	1
							2	VLGFC[339]HYLPEEQFPK	2
							2	NITFFSTNC[339]VEGTAR	1
							1	IISAHGC[330]K	2
							2	YNTDC[330]VQGLTHSK	1
							2	IISAHGC[339]K	1
							2	KYNTDC[339]VQGLTHSK	1
							2	M[147]SVEEVC[330]RK	1
							2	SPDC[330]THDNPLETR	2
							2	M[147]SVEEVC[339]R	1

								2	YNPNVLPVQC[330]TGKR	2
								3	DSAQRDDM[147]IFEDC[330]GDVPSEPKER	1
								3	YKDSAQRDDM[147]IFEDC[339]GDVPSEPK	1
								1	YNPNVLPVQC[330]TGK	2
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	36.96	0.53	0.22	10	6		2	DSAQRDDM[147]IFEDC[330]GDVPSEPK	1
								2	YNPNVLPVQC[330]TGK	2
								2	DDM[147]IFEDC[330]GDVPSEPKER	1
								2	YNPNVLPVQC[339]TGK	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	4.41	1.05	0.12	7	4		2	C[339]THIR	1
								2	VSFYQLSHFLQC[330]JK	1
								2	NYLEPGKEC[330]VQPATK	1
								2	VSFYQLSHFLQC[339]JK	1
								2	SMSVYC[339]TPNKPSR	1
								2	SM[147]SVYC[339]TPNKPSR	1
								2	SM[147]SVYC[330]TPNKPSR	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	2.88	*	*	*	1		3	FPTTMALSVLVTIEMC[339]NALNSVSENQSLLR	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	6.76	0.48	0.21	2	5		2	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
								2	AGLLM[147]SAITVILVLYFVIDTFWWQKR	1
								2	KIQESYGDVYGIC[330]TK	1
								2	SSPTDKHTLVK	1
								3	TEC[330]ALLGLLLDLKR	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	10.62	0.64	0.09	4	7		2	IKETYGDTEAIC[330]R	1
								2	TEC[330]GLLGFVLDLKQDYEPVR	1
								3	TEC[330]GLLGFVLDLKQDYEPVR	1
								3	KQIFGQNFIPPK	1
								1	MYSKGASEIVLKK	1
								2	C[330]GIIHPGEDFLC[330]LEGK	1
								2	KSVDKDPM[147]LLSGTHVM[147]EGSGR	1
								3	LTKLAVQIGKAGLVMSAITVILVLYFTVDTFVVK	1

AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	3.14	0.59	0.11	4	2	3	TEC[330]ALLGFVTDLKQDYQAVR	2
							2	TEC[330]ALLGFVTDLKQDYQAVR	1
							2	DALTQINVHYGGVQNLQ[330]SR	1
AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	*	5.22	*	*	*	2	2	C[339]GKAKGVVIGTGENSEFGEVFK	1
							3	GVVIGTGENSEFGEVFKM[147]M[147]QAEAPK	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.77	2.34	1.94	0.00	1	1	1	C[339]IADLK	3
							1	C[330]IADLK	1
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	0.99	4.81	0.79	0.00	1	3	3	KNM[147]GM[147]IVINEGSLDGTR	2
							2	SESLQQLLHGAYAFSQDENGIVSQSEVIR	1
							2	FC[330]NNHVSTAK	1
ATD3A_HUMAN (Q9NVI7) ATPase family AAA domain-containing protein 3A [MASS=71369]	0.00	5.84	1.55	0.00	1	2	2	KC[339]SEVAR	1
							3	LALHSGM[147]DYAIM[147]TGGDVAPMGREGVTAMHK	1
ATD3B_HUMAN (Q5T9A4) ATPase family AAA domain-containing protein 3B [MASS=72572]	0.00	3.86	*	*	*	1	3	DGVLTEAM[147]MDAC[339]VQDAVQQYRQKM[147]R	1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	0.24	6.97	1.31	0.00	1	2	3	VVC[339]IM[147]VLLFIAFNFGPVSISEPPSAPISPR	1
							3	SEPSSPC[339]SSSSLSESSR	1
ATF7_HUMAN (P17544) Cyclic AMP-dependent transcription factor ATF-7 (Activating transcription factor 7) (Transcription factor ATF-A) [MASS=52967]	0.00	4.25	0.77	0.00	1	1	2	NC[330]EEVGLFNECLASSFEHEFKK	1

								2	YSQIC[339]AK	2
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	1.00	14.00	1.78	0.01	6	1	1	1	YSQIC[330]AK	1
							1	1	YSQIC[339]AK	3
								2	YSQIC[330]AK	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.94	0.04	3	1	2	2	IC[339]SLHSLPPQS	2
							1	1	IC[339]SLHSLPPQS	1
								2	LYC[339]IYVAIGQK	2
							1	1	LYC[339]IYVAIGQK	3
								2	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	13.74	1.80	0.04	13	4	1	1	LYC[330]IYVAIGQK	3
								3	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
							1	1	AVDSLVPPIGRGQR	1
							2	2	EPMQTGIKAVDSLVPPIGRGQR	1
							3	3	YTIVVSATASDAAPLQYLAPYSGC[339]SMGEYFR	1
							2	2	LYC[330]IYVAIGQK	2
								1	GLC[339]GAIHSSIAK	4
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.88	0.01	10	1	1	1	GLC[330]GAIHSSIAK	2
								2	GLC[330]GAIHSSIAK	2
								2	GLC[339]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	0.00	17.84	2.12	0.00	1	2	2	2	GEVPC[339]TVTSASPLEEATLSELK	1
							3	3	LEAKTDPSILGGM[147]IVR	1
ATRIP_HUMAN (Q8WXE1) ATR-interacting protein (ATM and Rad3-related-interacting protein) [MASS=85837]	0.00	4.80	1.64	0.00	1	2	3	3	MLLHLLAFSSAATGHLQASVLTQC[330]LK	1
							3	3	RAGGPPRTDQQR	1

ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	*	3.43	*	*	*	2	3	DKIYM[147]YGGKIDSTGNVTNELR	1
							3	PFASVNVVALETDEEPPDLIGGSIKTVPK	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	4.33	*	*	*	3	3	AVAC[339]KSTNPSAR	2
							3	RAVAVSEVESLHLR	1
							3	VSAC[330]PPSWSVGNWSAC[330]SRTC[339]GGGAQSR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	0.00	5.48	0.18	0.00	1	3	2	GLQSRVVQC[330]MHK	1
							2	WSLTPSPSAEAQRPEQLC[330]K	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
ATX7_HUMAN (O15265) Ataxin-7 (Spinocerebellar ataxia type 7 protein) [MASS=95451]	0.00	9.53	0.23	0.00	1	4	2	C[330]ALNLMVEK	1
							3	VPAVNNVHMKHTGTIPGAQGLMNSSLLHQP KAR	1
							2	GGASGNSRSSSGVLSASSSSSK	1
							3	PPLAVPPTSVFVFFP SLSK	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	1.83	*	*	*	1	2	VKLLLM[147]PAKHQP DLLLLR	1
BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	0.00	2.59	0.09	0.00	1	2	3	VTVSKSVFSTGLTEADEASV FVVGTVLYR	1
							3	QC[330]NREAC[330]GPAGR	1
BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	*	0.96	*	*	*	1	2	KLLHSSQMLRAVSLGQDR	1
BBS2_HUMAN (Q9BXC9) Bardet-Biedl syndrome 2 protein [MASS=79870]	0.00	3.33	0.49	0.00	1	1	3	EDEIVAEMTETEIVTSLC[330]PMYGSR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	0.00	1.90	0.33	0.00	1	1	2	KQC[330]GGSLGAC[330]YDKALDK	1

BCAR1_HUMAN (P56945) Breast cancer anti-estrogen resistance protein 1 (CRK-associated substrate) (p130cas) [MASS=93361]	*	1.72	*	*	*	1	2	DPLLEVYDVPPSVEK	1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	1.00	23.91	1.59	0.08	5	5	3	METYC[339]SSGSTDTSVIDAVTHALTATTPYTR	1
							1	SPYC[330]ITK	1
							3	VVNISMLGRMANPAR	1
							3	M[147]ETYC[339]SSGSTDTSVIDAVTHALTATTPYTR	1
							3	M[147]ETYC[330]SSGSTDTSVIDAVTHALTATTPYTR	1
							2	FGVEAFSDC[339]LR	1
2	AVLVTGC[339]DSGFGFSLAK	1							
BHLH2_HUMAN (O14503) Class B basic helix-loop-helix protein 2 (bHLHB2) (Differentially expressed in chondrocytes protein 1) (DEC1) (Enhancer-of-split and hairy-related protein 2) (SHARP-2) (Stimulated with retinoic acid 13) [MASS=45510]	0.00	8.25	0.87	0.00	1	1	3	NC[330]VPVIQRTFAHSSGEQSGSDTDTDSGYGGESEK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	0.00	1.35	1.52	0.00	1	1	3	C[339]NFFSDFGSLMTM[147]LVSC[339]KK	1
BNC2_HUMAN (Q6ZN30) Zinc finger protein basonuclin-2 [MASS=122329]	0.00	2.55	0.03	0.00	1	3	2	RMGSASRK	1
							1	GTLRVHYK	1
							2	VPGC[330]NM[147]MFSSVR	1
BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	0.00	2.18	0.06	0.00	1	4	2	TGSELTVYEAQR	1
							2	TLSVFQAMENRM[147]LDRQK	1
							3	NPVPSAEEWM[147]LEGC[330]RASGGLKK	1
							3	LNEELEKSNEC[330]AEMLKQK	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	2.88	*	*	*	5	1	HC[339]AKNIK	1
							2	QLGIIDNNTASILKNITLPDK	1
							2	LLETQLM[147]ISGLISPELRKC[330]FDLK	1
							3	AFQQNLVSSALFSK	1
							3	FQDQFLGIAAINISLPGEQYGQK	1

BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	0.00	6.12	0.06	0.00	1	6	2	YFLGIAGGK	1
							2	MSMVVSGLTPEEFM[147]LVYK	1
							2	VNNIPSQSTRHSTVATEC[339]LSK	1
							2	KGPSQC[330]PLC[330]K	1
							3	IIC[339]AFQLDTGLEAYANSYNFAKKENNSPEHLK	1
							3	VEEVQNVINAMQKILEC[339]PIC[339]LELIK	1
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	*	10.71	*	*	*	3	3	ASPTGTPGTTPPSPGGGVGGAAWRSRLNSIR	1
							3	MQVPTAEEMSSLTPESSPELAKRSWFGNFISLDK	1
							3	RGVFHMPHFIPPDC[330]QSLLR	1
BRSK2_HUMAN (Q8IWQ3) BR serine/threonine-protein kinase 2 (EC 2.7.11.1) (Serine/threonine-protein kinase 29) (SAD1B) [MASS=81607]	0.00	4.21	1.03	0.00	1	1	2	YDGRKADVWSC[339]GVILFALLVGALPFDDNLR	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	*	3.79	*	*	*	4	3	HETSC[330]DQSESGSGSSEDEWRSRDK	1
							2	VLSQALNGDSDSEDM[147]LNSEHK	1
							3	PRPGVQMLC[330]SSFVSGGM[147]FLATGSTDHVIR	1
							2	RKSSSVTSSGEDSK	1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	3.43	3.39	0.00	1	2	2	VILASDDGC[339]IRVLEM[147]SMKSAC[339]FR	1
							2	GERGNDESAIEM[147]IKVSHLK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	2.98	*	*	*	5	3	PAGGPLPPGGDTC[330]PQFC[330]SSHSM[147]PDVQEHVKDGPR	1
							2	SPQVLYSPVSPSPHPR	1
							2	PHSQPSSAPAM[147]PKKGQPGYPSSAEYSQPSR	1
							2	IGQLFQGPGRDSAMDLSLKL	1
							3	VC[330]NQC[330]GFNPNPHLTQVK	1
BSPRY_HUMAN (Q5W0U4) B box and SPRY domain-containing protein [MASS=44381]	0.00	4.48	1.21	0.00	1	1	2	VGVASGHLPRKGGSDC[339]R	1
C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	*	1.30	*	*	*	1	3	LTRGGNM[147]C[339]SGRIEIK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	16.67	1.65	0.01	2	2	2	M[147]LPLLRC[339]VPRVLGSSVAGLR	1
							2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1

C2TA_HUMAN (P33076) MHC class II transactivator (CIITA) [MASS=123456]	0.00	1.50	0.63	0.00	1	1	2	C[330]LGALLGPSAAASVDRK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.58	0.02	4	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	2
							2	ELAMKAESGPNETKNK	1
							3	C[330]PSSLSNSRTHK	8
C8AP2_HUMAN (Q9UKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	*	1.41	*	*	*	2			
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha 2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.97	9.90	0.79	0.30	3	5	3	VEIRNKM[147]IDGESGEK	1
							2	RNSDVM[147]DC[330]VILDDGGFLLM[147]ANHDDYTNQIGR	1
							3	SFSGVLDG[330]GNC[339]SRIFHGEK	1
							3	TSIRDPC[339]AGPVC[339]DC[339]KR	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1
CACP_HUMAN (P43155) Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT) [MASS=70925]	0.99	4.15	1.37	0.00	1	2	2	IYGQAC[339]ATYESASLR	1
							2	QDTVSNFSKTK	1
CAD13_HUMAN (P55290) Cadherin-13 precursor (Truncated-cadherin) (T-cadherin) (T-cad) (Heart-cadherin) (H-cadherin) (P105) [MASS=78286]	0.00	6.87	0.54	0.00	1	2	2	QEDLSVGSVLLTVNATDPDSLQHQQTIRYSVYK	1
							2	FSLPSVLLLSLFLSLAC[330]L	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	*	1.61	*	*	*	3	3	GLNGLVITYTLDDLVPVPGYVQLEDSSAGK	1
							2	ERIAEYQLRVVASDAGTPTK	1
							1	STPLHK	1
CALU_HUMAN (O43852) Calumenin precursor (Crocabin) (IEF SSP 9302) [MASS=37107]	0.00	6.67	0.07	0.00	1	1	3	QFLMC[330]LSLC[330]TAFALSKPTEKK	1
CAN11_HUMAN (Q9UMQ6) Calpain-11 (EC 3.4.22.-) (Calcium-activated neutral proteinase 11) (CANP 11) [MASS=80582]	0.00	3.13	3.81	0.00	1	1	3	SSLM[147]GC[339]SIEVTSSELESM[147]TDK	1

CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	0.00	7.92	0.82	0.00	1	4	3	QIAGDDMEIC[330]ADELK	1
							2	HKDLKTHGFTLESC[330]R	1
							2	RPPEIC[330]ENPR	1
							2	SMIALMDTDGSGKLNQLQEFHHLWNK	1
CASPA_HUMAN (Q92851) Caspase-10 precursor (EC 3.4.22.-) (CASP-10) (ICE-like apoptotic protease 4) (Apoptotic protease Mch-4) (FAS-associated death domain protein interleukin-1B-converting enzyme 2) (FLICE2) [Contains: Caspase-10 subunit p23/17; Caspase-1 [MASS=58950]	0.00	6.53	0.41	0.00	1	2	2	HVEEGSWYIQSLC[330]NHLK	1
							3	QGKIDEDNLTC[339]LEDLC[339]K	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.99	9.22	1.02	0.00	1	2	2	TMSEVGGSVEDLIAKGPVSK	1
							2	AIGAVPLIQGEYM[147]IPC[339]EK	1
CB013_HUMAN (Q8IW19) Protein C2orf13 [MASS=56955]	0.00	6.65	5.14	0.00	1	2	2	ILSIPSEVEMQC[339]TLR	1
							3	PNLWC[339]YLNPGDSFSLVDK	1
CC026_HUMAN (Q9BQ75) Protein C3orf26 [MASS=31812]	0.00	4.66	1.14	0.00	1	1	2	SVLM[147]LIIC[339]SSAVR	1
CC038_HUMAN (Q5JPI3) Uncharacterized protein C3orf38 [MASS=37541]	0.00	13.07	0.96	0.01	2	2	3	NLLGLLDNDEIMALC[330]DTVTNRLVQPQDR	1
							2	MEMSGLSFSEMEGC[339]R	1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	*	1.65	*	*	*	2	2	KLLNKVVLR	1
							2	TILNLENSNK	1
CCD44_HUMAN (Q9BSH4) Coiled-coil domain-containing protein 44 [MASS=32477]	0.93	10.77	1.86	0.00	1	2	2	AVNLERALEMAIEAGAEDVK	1
							2	FIC[339]DASSLHQVR	1
CCD45_HUMAN (Q96GE4) Coiled-coil domain-containing protein 45 [MASS=95296]	*	4.14	*	*	*	1	3	PNKAVPMKVSEHSLPLMLEQFPFLYVSGPTLSK	1
CCD82_HUMAN (Q8N4S0) Coiled-coil domain-containing protein 82 [MASS=64002]	0.00	3.68	0.60	0.00	1	1	2	LSSVMC[330]DSDESDDSDILVRK	1
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	*	8.14	*	*	*	1	3	FISNPPSM[147]VAAGSVVAAVQGLNLR	1

CCNH_HUMAN (P51946) Cyclin-H (MO15-associated protein) (p37) (p34) [MASS=37643]	*	13.31	*	*	*	3	2	YEPPRSEEVAVLKQK	1
							3	RFYLNNSVMEYHPR	1
							2	TC[330]LSQLLDIM[147]KSM[147]R	1
CCNL2_HUMAN (Q96S94) Cyclin-L2 (Paneth cell-enhanced expression protein) [MASS=58147]	*	3.08	*	*	*	1	2	KKPVPLLLDQDYVNLK	1
CCRL2_HUMAN (O00421) C-C chemokine receptor-like 2 (Putative MCP-1 chemokine receptor) (Chemokine receptor CCR11) (Chemokine receptor X) [MASS=39513]	0.00	6.40	0.16	0.00	1	1	2	EHFSLSDC[330]KSSYNLDKSVHITK	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	*	3.77	*	*	*	3	3	AALLQLLAQHQPQDDPK	1
							2	DHRFEYSHGPIAVLANSSDPSTGPETHPLPAK	1
							1	HRLSRSR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.60	0.26	5	2	3	LRENELTYYC[330]C[330]K	1
							2	FEHC[339]NFNDVTTR	1
							2	LRENELTYYC[330]C[330]K	2
							2	FEHC[330]NFNDVTTR	2
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	25.85	0.46	0.37	9	3	3	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	1
							2	NNLC[330]PSGSNIISNLFK	2
							2	NNLC[330]PSGSNIISNLFKEDC[330]HQK	1
							2	NNLC[339]PSGSNIISNLFK	2
							1	NNLC[330]PSGSNIISNLFK	1
							1	SC[330]PDAIK	1
							3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	2
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	14.10	0.92	0.08	5	2	2	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1
							2	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	1
							3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1
							1	SC[339]PDAIK	1
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	0.00	5.06	0.50	0.00	1	3	2	IRAMMGQLSAAC[330]SHSHFVR	1
							2	LLC[330]FSPALQGRLRAAYEGSVAK	1
							3	SLSKPKTC[339]FTSPPIISC[330]VPSSK	1

CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	*	7.33	*	*	*	1	3	QKPITPETAEKLAR	1
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	*	2.90	*	*	*	3	3	WM[147]SVQYFEKLGKGC[339]IQK	1
							2	TTQSGM[147]JSK	1
							3	EGAEEKIMNAASK	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	*	2.57	*	*	*	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1
							2	IQHLQQDC[330]DVPSRELK	1
							2	QNHQVKPEK	1
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	*	3.57	*	*	*	6	2	MDLSYSLESIEDPK	1
							2	VHESNKC[339]LEK	1
							3	IQELKANEHQLITLK	1
							3	IC[330]QVNNFFNNRIIAIMNESTEFEEERSATISK	3
							2	M[147]QKEVNDLLQENEQLMKVM[147]K	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosis) (AH antigen) [MASS=367592]	*	3.36	*	*	*	7	2	LQEDTSAHQNVVAETLSALENKEK	1
							3	C[339]EETGNAYEDLSQK	1
							3	ATEQSLDPPIEEEHQLR	1
							3	EKSSTAM[147]EMLQTQLK	1
							1	RTTM[147]ATR	1
							1	LQLLSNEIMDK	1
CEP35_HUMAN (Q5VT06) Centrosome-associated protein 350 (Centrosome-associated protein of 350 kDa) [MASS=350928]	*	1.25	*	*	*	2	3	ERQSDQDM[147]NHSPNIQSGK	1
							3	VATAPPAPAYKGFNPSETKIR	1
CEP41_HUMAN (Q9BYV8) Centrosomal protein of 41 kDa (Cep41 protein) (Testis-specific gene A14 protein) [MASS=41368]	*	4.02	*	*	*	1	3	SSPKGPPPLPAENKWR	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	*	3.46	*	*	*	2	3	EESGASASTSPSEK	1
							2	QVHTANLPHVFNEGRGPK	1
CF049_HUMAN (Q2TBC4) Protein C6orf49 [MASS=37551]	*	4.65	*	*	*	1	3	GLPGSSPQQENRPGDK	1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	0.00	3.13	7.03	0.00	1	2	3	QHIGNTLGSM[147]IEEEM[147]EKC[339]TSDR	1
							2	QDNDLDKLLLC[339]LKISDK	1

CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	*	6.22	*	*	*	4	3	TPLQM[147]NGIEEDSDEPLER	1
							2	VGIIITLAMNIMSTLQWAVNSSIDVDSLNR	1
							3	EERSIAIYLGIGLC[339]LLFIVR	1
							3	M[147]LHSVVLQAPM[147]STLNTLKAGGILNR	1
CG036_HUMAN (Q9NRH1) Protein C7orf36 [MASS=25299]	*	7.52	*	*	*	1	3	DERLC[330]ENNAEFNKNC[339]SK	2
CH006_HUMAN (Q8WWP5) Uncharacterized protein C8orf6 [MASS=10269]	0.00	28.72	0.49	0.00	1	1	3	RTSPC[330]C[330]LFLPEHWGDGYTAAVAWPSR	1
							2	C[330]IPALDSLTPANEDQK	1
							2	EIGNIISDAMK	1
							3	C[339]EFQDAYVLLSEKK	1
							1	C[339]EFQDAYVLLSEK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	13.61	1.82	0.05	9	6	2	AAVEEGIVLGGGC[339]ALLR	2
							2	C[330]EFQDAYVLLSEKK	1
							1	GIIDPTK	1
							3	C[330]EFQDAYVLLSEKK	1
							2	C[339]IPALDSLTPANEDQK	1
							2	C[330]EFQDAYVLLSEK	1
							2	ERIC[330]SEEER	1
							2	ERIC[339]SEEERAK	1
							2	YESHPVC[339]ADLQAK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	30.84	1.50	0.07	8	6	2	C[339]SALATQYM[147]HC[339]VNHAK	1
							2	YESHPVC[330]ADLQAK	1
							2	IC[339]SEEER	1
							2	RYESHPVC[330]ADLQAK	1
							2	ERIC[339]SEEER	1
							3	VEPVC[339]SGLQAQILHC[339]YR	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	16.60	1.31	0.20	4	3	2	C[339]VSAAHKG	1
							2	VEPVC[339]SGLQAQILHC[339]YR	1
							2	DRPHEVLLC[339]SDLVK	1
							2	SDGSGTYTK	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter) [MASS=326004]	*	0.90	*	*	*	2	3	RMVAARTEPLTPNPASK	1

CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832])	0.00	12.05	0.48	0.00	1	2	3	DLMRSIFLC[330]DMDVFDAYMPQSR	1
							2	NLSAFFNWATSRALC[330]SPPAC[339]SAFPR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	0.00	2.33	0.62	0.00	1	1	2	IKVDDC[330]GK	1
							3	MGNLVIPLGKGRAGR	5
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	*	1.04	*	*	*	1			
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	0.00	2.74	2.74	0.00	1	3	2	YADIFPSKVC[339]LQLK	1
							3	APGSSSC[339]GAERLHTVGGPGSAR	1
							2	FAELPEFR	1
							1	LPC[339]VAAK	2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	4.51	1.56	0.07	4	3	2	YTC[339]QR	2
							1	GFSIPEC[339]QK	1
CJ031_HUMAN (Q8N7Q2) Putative uncharacterized protein C10orf31 precursor [MASS=19176]	0.00	5.20	0.02	0.00	1	1	2	FWVC[330]LAAC[330]R	1

								2	IVHAFDM[147]EDLGDKAVYC[330]R	1
								2	AVYC[339]R	1
								2	IVHAFDMEDLGDKAVYC[339]R	1
								2	FPFC[339]DGAHTK	2
								1	KFPFC[339]DGAHTK	1
								3	IVHAFDMEDLGDKAVYC[330]R	1
								3	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	KFPFC[330]DGAHTK	2
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.81	0.05	19	4		2	KFPFC[339]DGAHTK	4
								1	FPFC[339]DGAHTK	2
								1	FPFC[330]DGAHTK	1
								2	FPFC[330]DGAHTK	2
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	2.32	*	*	*	3		2	EREIATEKK	1
								2	HLTESTNQK	2
								3	LKLLWRVSLPEDGQC[339]PLHC[339]EQIGEM[147]K	1
CKLF3_HUMAN (Q96MX0) CKLF-like MARVEL transmembrane domain-containing protein 3 (Chemokine-like factor superfamily member 3) [MASS=19713]	0.00	7.14	1.98	0.00	1	1		2	WQGLC[339]WPMMDFLR	1
CLAT_HUMAN (P28329) Choline O-acetyltransferase (EC 2.3.1.6) (CHOACTase) (Choline acetylase) (ChAT) [MASS=82567]	*	4.68	*	*	*	2		3	ELARAM[147]C[330]KELPEMFM[147]DETYLMSNR	1
								2	RFQEGRVDNIR	1
CLD10_HUMAN (P78369) Claudin-10 (OSP-like protein) [MASS=24488]	0.00	7.02	1.95	0.00	1	1		2	DFPSM[147]LALDGYIQAC[330]R	1

CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	3.88	0.56	0.14	11	5	2	YESLELC[330]RPVLQQGR	1
							2	RDPHLAC[330]VAYER	1
							2	IHEGC[330]EEPATHNALAK	1
							2	RDPHLAC[339]VAYER	1
							2	IHEGC[339]EEPATHNALAK	1
							2	HSSLAGC[330]QIINYS	1
							3	IHEGC[330]EEPATHNALAK	2
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	2.44	*	*	*	2	2	AHIAQLC[339]EK	1
							3	RDPHLAC[330]VAYER	1
							2	AHIAQLC[330]EK	1
CLK2_HUMAN (P49760) Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2) [MASS=60090]	*	1.60	*	*	*	1	2	REDSYHVR	1
							3	EC[330]FAAC[330]LFTC[330]YDLLR	1
CLK4_HUMAN (Q9HAZ1) Dual specificity protein kinase CLK4 (EC 2.7.12.1) (CDC-like kinase 4) [MASS=57492]	*	8.52	*	*	*	3	3	EC[339]FAAC[330]LFTC[339]YDLLRPDMVLELAWR	1
							2	ILGPIQHMIIQKTR	1
							2	SIEDDEEGHLIC[330]QSGDVLRR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	15.49	1.66	0.01	4	5	1	RSSPKR	1
							2	MQNQRGSGSVVGLM[147]YK	1
							2	DIPFSAIYFPVYAHC[339]K	1
							3	DGLISYQEFLAFESVLC[330]APDSMFIVAFQLFDK	1
							2	AGQTTYSGVIDC[330]FRK	1
							2	GTAARVFRSSPQFGVTLAHYEVLQR	1
CMC2_HUMAN	0.00	3.85	*	*	*	1	2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIYFPVYAHC[330]K	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	2.27	*	*	*	1	2	MTLADIERIAPLEEGTLPFNLAEAQR	1
							2	SRLPSAIRSLILQK	1

								2	RPPGVLHC[339]TTK	2
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	3
								1	RPPGVLHC[330]TTK	1
								3	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.94	1.03	0.03	22	7		2	GEEVGELSRGKLYSLGNGR	1
								2	RLDEDLAAYC[330]R	1
								2	DKPELQFPFLQDEDTVATLLEC[339]K	1
								1	FC[330]DYGK	2
								2	RLDEDLAAYC[339]R	1
								2	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	RPPGVLHC[330]TTK	2
								1	FC[339]DYGK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								1	LDEDLAAYC[330]R	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	*	2.09	*	*	*	1		2	LIDPDVTSDEESPKPSPAK	1
CNN2_HUMAN (Q99439) Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin) [MASS=33566]	0.00	4.22	3.05	0.00	1	1		3	C[339]ASQSGM[147]TAYGTR	1
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.54	0.79	0.44	0.00	1	1		2	VIIIEC[339]KPK	1
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.62	2.46	1.81	0.00	1	2		2	C[339]SPNM[147]C[339]EHDGR	1
								2	LNLDTEFIGGLVGAARKNLAYR	1

CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	*	4.51	*	*	*	3	2	LLNTPDGSPYTWWWGK	1
							1	VGVHINITQTK	1
							3	NYWNAASFNPSSYLHFSTFQGETSADISFYFK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	*	3.06	*	*	*	1	2	AEEAAGEESC[339]GASPTPATSASPPGPTLKARFR	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	0.00	8.67	0.88	0.00	1	5	2	VFC[339]NM[147]ETGETC[339]VYPNPANVPK	1
							3	GLPGTPGTDGPKGASGPAGPPGAQPPGLQGMPGER	1
							3	ADQAAGGLRQHDAEVDATLKSLNNQIESIR	1
							2	GEPGGVGPPIPPGERGAPGNR	1
							3	GPPGPQGPAGEQGPR	1
CO4A4_HUMAN (P53420) Collagen alpha-4(IV) chain precursor [MASS=164095]	0.00	7.51	0.23	0.00	1	5	3	GEKGNEGLC[339]AC[339]EPGPM[147]GPPGPPGLPGR	1
							2	GDKGPTGVPGFPLDGIPGHPGPPGPR	1
							3	GFGPGYLGGFLLVLHSQTDQEPTC[330]PLGMMPR	1
							2	IPGLPGAPGMRGPEGAMGLPGM[147]R	1
							3	GPEGAMGLPGMRGPPGPGC[339]K	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	*	1.17	*	*	*	1	2	LSIIATDHTYRR	1
COA2_HUMAN (O00763) Acetyl-CoA carboxylase 2 (EC 6.4.1.2) (ACC-beta) [Includes: Biotin carboxylase (EC 6.3.4.14)] [MASS=279692]	0.00	6.00	0.43	0.00	1	8	3	YILKVTRQSLTMFVLIM[147]NGC[330]HIEIDAHR	1
							2	GFSGGM[147]KDMYDQVLK	1
							2	AQVVHLLSTM[147]DSPAST	1
							2	TSLYSEDDC[339]KSLR	1
							2	KPNIM[147]LGVVC[330]GALER	1
							2	DPPLFSEARTSLYSEDDC[330]KSLR	1
							3	TDC[330]NHIFLNFVPTVIMDPNK	1
							2	YAEEMVMKMIMTLNVQERGR	1
COAC_HUMAN (Q96CD2) Phosphopantothencysteine decarboxylase (EC 4.1.1.36) (PPC-DC) (CoaC) [MASS=22413]	0.00	10.29	0.84	0.00	1	1	2	KLVC[339]GDEGLGAM[147]AEVGTIVDK	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	15.15	0.61	0.27	4	3	2	AVLFC[330]LSEDKK	1
							1	C[330]TLAEK	1
							2	M[147]LPDKDC[330]R	1
							2	MLPDKDC[330]R	1
							2	M[147]LPDKDC[339]R	1
COG3_HUMAN (Q96JB2) Conserved oligomeric Golgi complex component 3 (Vesicle docking protein SEC34 homolog) (p94) [MASS=93964]	0.00	6.65	*	*	*	3	1	ALHLMK	1
							3	SGSTESLNPRPQTTISPADLHGM[147]WYPTVRR	2
							2	PDTTAPLTDRQTDSVLELK	1

COPB_HUMAN (P53618) Coatomer subunit beta (Beta-coat protein) (Beta-COP) [MASS=107139]	0.00	10.60	0.81	0.00	1	4	2	NVTVQPDDPISFMQLTAK	1
							3	LVTEM[147]GTYATQSALSSSRPTK	1
							3	VTVNTNM[147]VDLNDYLQHILKSTNMKC[330]LTPEK	1
							3	MTAAENVC[330]YTLINVPM[147]DSEPPSEISLKNLDLEK	1
COQ3_HUMAN (Q9NZJ6) Hexaprenyldihydroxybenzoate methyltransferase, mitochondrial precursor (EC 2.1.1.114) (Dihydroxyhexaprenylbenzoate methyltransferase) (3,4-dihydroxy-5-hexaprenylbenzoate methyltransferase) (DHHB methyltransferase) (DHHB-MT) (DHHB-MTas) [MASS=40998]	0.00	8.94	1.98	0.00	1	1	3	ILDVGC[339]GGGLLLEPLGRLGASVIGIDPVDENIK	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	2.27	0.00	3	1	2	C[339]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.72	0.00	2	1	2	M[147]C[330]LYFGSAFATPFLVVR	2
							2	M[147]C[339]LYFGSAFATPFLVVR	1
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	0.00	7.84	2.60	0.00	1	1	2	FMMDDIQLC[339]KDIM[147]DLK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	*	3.86	*	*	*	3	2	ENTM[147]LRAKVAQLQTDYDALK	1
							2	YELKSKVLIM[147]K	1
							2	ESANFDFVLEPYK	1
CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIIB polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504]	0.00	2.95	0.43	0.00	1	1	2	YAGTLNNVVC[330]DLVRR	1
CP2A7_HUMAN (P20853) Cytochrome P450 2A7 (EC 1.14.14.1) (CYP11A7) (P450-IIA4) [MASS=56408]	0.00	16.40	0.61	0.00	1	3	2	M[147]LASGLLLVALLAC[330]LTVMLM[147]SVWQQR	1
							3	TKM[147]PYM[147]EAVIHEIQRFGDVIPM[147]SLAR	1
							2	M[147]LASGLLLVALLAC[330]LTVML[147]VLM[147]SVWQQRK	1
CP2B6_HUMAN (P20813) Cytochrome P450 2B6 (EC 1.14.14.1) (CYP11B6) (P450 IIB1) [MASS=56278]	0.00	7.33	0.24	0.00	1	3	3	PVVMMLC[330]GVEAIR	1
							1	WKVLR	1
							2	YGFLM[147]LKYPHVAERVYR	1

CP8B1_HUMAN (Q9UNU6) Cytochrome P450 8B1 (EC 1.14.13.95) (CYPVIII B1) (7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase) (Sterol 12-alpha-hydroxylase) (7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase) [MASS=58078]	0.00	16.17	0.37	0.00	1	3	2	GDGLKDLNETM[147]LDSLSFVMLTSK	1
							2	FNFM[147]MLWASQGNTGPTSFWALLYLLKHPEAIR	1
							3	MVLWGPVLGALLVVIAGYLC[330]LPGM[147]LR	1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.84	11.19	0.58	0.00	1	1	2	AALEQPC[330]EGSLTRPK	1
CPNE5_HUMAN (Q9HCH3) Copine-5 (Copine V) [MASS=65733]	0.00	11.13	0.71	0.00	1	3	3	M[147]EQPEDM[147]ASLSEFDSLGSIPATKVEITVSC[339]R	1
							2	MFPALGFGAKLPPDGR	1
							2	LARDVLAIEIPDQLVSYMK	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	0.00	18.07	0.88	0.00	1	3	2	LYGPETNIPR	1
							2	SDVISKRSGYC[330]K	1
							2	RILGYSMQEM[147]YDVVSGVEDYK	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	*	3.58	*	*	*	2	2	NYTDTSQK	1
							2	LNKTHSAYSHNDIVYVDC[339]NPGFIM[147]NGSR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	10.31	1.07	0.06	2	3	2	C[330]KDDEFTHLYTLIVRPDNTYEVK	1
							2	HEQNIDC[339]GGGYVK	1
							2	WIESKHK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.92	2.87	0.89	0.11	2	1	2	GVKPAHC[330]EK	2
CS015_HUMAN (Q6ZRH7) Uncharacterized protein C19orf15 precursor [MASS=133043]	0.00	3.11	0.85	0.38	2	2	3	LC[339]PVYFHSNGSEYIMALTTGK	1
							2	MC[330]GPAMFPAGPPWPR	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	*	4.85	*	*	*	7	3	GFNITYNTFGHNEC[339]PDPGIPINAR	1
							2	TPRC[339]VVVTC[339]PSINSFILEHGRWR	1
							3	IYDGKDKTTHLLGAFTGASM[147]R	1
							3	YGDDYVVGQNVSYM C[330]QPGYTM[147]ELNGSR	1
							3	QC[339]TANGTWSGTL PNC[330]TIISC[339]GDPGIPANGLR	1
							3	IESSNTMHLAFRSDGSVSYTG FHLEYKAK	1
							3	LRESC[330]FDPGNIM[147]NGTRLGM[147]DYK	1
CSN5_HUMAN (Q92905) COP9 signalosome complex subunit 5 (EC 3.4.-.-) (Signalosome subunit 5) (SGN5) (Jun activation domain-binding protein 1) [MASS=37447]	*	8.11	*	*	*	2	3	ISALALLKM[147]VM[147]HAR	1
							2	GSFM[147]LGLETHDRK	1

CSN7A_HUMAN (Q9UBW8) COP9 signalosome complex subunit 7a (Signalosome subunit 7a) (SGN7a) (JAB1-containing signalosome subunit 7a) (Dermal papilla-derived protein 10) [MASS=30276]	0.00	13.09	0.45	0.00	1	2	3	VTTAAAAAATSQDPEQHLTEL	1
							2	C[330]IPYAVLLEALALR	1
							2	FTFEEAAKEC[330]ENQDAR	2
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	5.57	0.40	0.37	6	10	2	PSDLYEPPSGEGSGEVDIVDSFHTSATTQATR	1
							2	KGTVAC[330]GQPPVVENAK	1
							1	VGC[330]YGDK	1
							3	VGHDYQWIGLNDKM[147]FEHDFR	1
							3	VSGTVSTNFPQTIEPAKLWSRQEVNPVR	1
							2	FDAYC[330]FKPK	1
							3	EC[330]RLQGAHLTSILSHEEQMFVNR	1
2	SPQETYDVYC[330]YVDHLDGDVFHLTVPSK	1							
2	ERTETLIPEM[147]R	1							
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.53	1.67	0.46	0.00	1	2	2	C[330]GGPAPGVR	1
							3	C[330]GGPAPGVRTVYR	1
CSPG5_HUMAN (O95196) Chondroitin sulfate proteoglycan 5 precursor (Neuroglycan C) (Acidic leucine-rich EGF-like domain-containing brain protein) [MASS=60058]	0.00	3.36	0.60	0.00	1	1	2	ALAHYDNNVIC[330]QDDPSAPHK	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	*	1.53	*	*	*	1	2	QQLYDIPASPKK	1
CT165_HUMAN (Q9BR10) Uncharacterized protein C20orf165 [MASS=23834]	0.00	14.54	0.40	0.00	1	1	2	AEQVAPAAQAWGPALAM[147]PQARGC[330]PGGTSWETLR	1
CT2NL_HUMAN (Q9P2B4) CTTNBP2 N-terminal-like protein [MASS=70158]	*	4.07	*	*	*	2	2	NLANTANPRGDTSHSPTPGK	1
							1	PVTVSK	1
CTGF_HUMAN (P29279) Connective tissue growth factor precursor (Hypertrophic chondrocyte-specific protein 24) [MASS=38069]	0.00	6.88	3.66	0.00	1	1	2	VAFVLLALC[330]SRPAVGQNC[330]SGPC[330]R	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	1.00	5.38	1.07	0.22	2	3	2	C[330]QFAFYGGESGYHR	1
							2	DGDC[330]PAVLIPSKPLARR	1
							3	C[330]LMTC[339]LK	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.30	*	*	*	1	2	M[147]ATQADLM[147]ELDMAMEPDR	1
							3	MATQADLM[147]ELDM[147]AM[147]EPDR	1
							2	MATQADLMELDMAM[147]EPDR	1

CTRB1_HUMAN (P17538) Chymotrypsinogen B precursor (EC 3.4.21.1) [Contains: Chymotrypsin B chain A; Chymotrypsin B chain B; Chymotrypsin B chain C] [MASS=27870]	*	11.03	*	*	*	1	3	RITDVM[147]IC[339]AGASGVSSC[339]M[147]GDSGGPLVC[339]QK	1
CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	0.00	4.05	7.85	0.00	1	4	3	EGILDALFVLFEEC[330]SQPALMKIK	1
							2	AESLSDKLNDLEK	1
							3	TTC[339]TM[147]LEEQVMDLEALNDELLEK	1
							2	IVELSEANKLAANSSLFTQRNMK	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	0.00	2.44	0.64	0.00	1	3	2	ILEPVLLLLLQPKTQRTSIHC[330]LK	1
							2	NVEFIHSLLRQC[330]K	1
							3	DAPGREQKYMLGTHQLTVK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	5.67	*	*	*	1	2	EQIIQEIWMNSGLDTSLPRNMGQFY	1
CUBN_HUMAN (O60494) Cubilin precursor (Intrinsic factor-cobalamin receptor) (Intrinsic factor-vitamin B12 receptor) (460 kDa receptor) (Intestinal intrinsic factor receptor) [MASS=398724]	0.00	3.26	1.26	0.00	1	5	3	LATHPSC[339]NNEHVIVFNGIR	1
							3	C[339]GGNYTDPEGELFLPELSGPFTHTR	1
							2	FQFC[330]GRNASAVPVFYSSMSTAMVIFK	1
							3	REKGFQMWFVYGC[330]GGELSGATGSFSSPGFPNR	1
							2	NSRM[147]SFTYQIADC[330]NR	1
CUZD1_HUMAN (Q86UP6) CUB and zona pellucida-like domain-containing protein 1 precursor (Transmembrane protein UO-44) [MASS=68153]	0.00	6.59	3.57	0.08	2	2	2	DETC[339]KVYPLFGHYGRFQFNAFK	1
							3	VFDGTSSNGPLLQVVC[339]SK	2
CV106_HUMAN (Q6P0N0) Protein C14orf106 (P243) [MASS=129085]	*	3.53	*	*	*	2	2	YMAINQKKAYILVTPLK	3
							2	SNKHSESPGATELNM[147]C[339]HSNC[339]QNK	1
CX038_HUMAN (Q8TB03) Protein CXorf38 [MASS=36670]	*	3.76	*	*	*	1	3	C[339]RNEIM[147]HSSEMK	1
							2	M[147]AAAAASLRGVVLGPR	1
							3	HLVGVC[339]YTEDEAK	1
							1	DVC[330]TFLR	2
							2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	18.46	1.69	0.03	11	4	2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
							1	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	2
							2	HLVGVC[339]YTEDEAK	1
							2	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1

CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.00	11.64	0.15	0.00	1	1	3	TQPNLDNC[330]PFHDQPHLK	2
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-I) [MASS=16362]	*	17.02	*	*	*	1	2	MAQHLSTLLLLLATALAVALAWSPK	1
DB109_HUMAN (Q30KR1) Beta-defensin 109 precursor (Defensin, beta 109) [MASS=9886]	0.00	20.69	9.00	0.00	1	1	3	GGLGPAEGHC[339]LNLFQVC[339]JR	1
DC1L2_HUMAN (O43237) Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC53/55) (LIC-2) [MASS=54099]	0.00	5.69	0.42	0.00	1	2	2	M[147]KIPPEKMR	2
							2	DFQDYM[147]EPEEGC[330]QGSPQRR	1
DCMC_HUMAN (O95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	0.00	7.30	3.30	0.00	1	2	2	EAAVLLQAEDR	1
							3	TPAPAEGQC[339]ADFVSYGGLAETAQR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.97	4.92	1.74	0.00	1	1	2	AVTNHSVYC[339]STK	1
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Doublin) [MASS=44925]	0.00	19.15	1.20	0.00	1	4	3	APQSLASSNSAQARENKDFVR	1
							2	SKSPADSANGTSSSQLSTPK	1
							3	APQSLASSNSAQAR	1
							2	IGSMDELEEGESYVC[339]SSDNFFK	1
							3	ILPQDVILKFR	2
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	*	6.16	*	*	*	4	2	AMPEEEPVR	1
							1	SQEAALR	1
							2	QTM[147]LFSATMTDEVKDLASVSLK	1
DDX58_HUMAN (O95786) Probable ATP-dependent RNA helicase DDX58 (EC 3.6.1.-) (DEAD-box protein 58) (Retinoic acid-inducible gene 1 protein) (RIG-1) (RIG-I) [MASS=106599]	0.00	2.38	0.54	0.00	1	2	2	WKDFHFKEK	1
							2	LC[330]ASLDASVIATVK	1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	0.59	5.37	1.15	0.00	1	1	2	GM[147]TLLSSLGAQC[339]VIASR	1

DEST_HUMAN (P60981) Dextrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	*	10.98	*	*	*	1	3	ASGVQVADEVLC[330]RIFYDMK	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	5.74	*	*	*	1	3	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR	2
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	0.00	8.92	1.17	0.00	1	5	2	EGNLP SGARC[339]EVC[339]RK	1
							2	QVSQTRFYVAESR	1
							2	C[330]EWC[330]GVQAHSLC[330]SAALAP EC[330]GFGR	1
							2	QAESPESFQLVEVAM[147]GC[339]R	1
							2	ETQATPESGKQTLK	1
							3	ALASLMTYKC[339]AVVDVPPFGGAKAGVK	1
							3	AKPYEGSILEADC[339]DILIPAASEK	2
							2	AKPYEGSILEADC[339]DILIPAASEK	2
							3	TAAYVNAIEKVFK	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	26.16	1.67	0.03	16	7	3	HYSEAVADREDDPNFFKMVEGFFDR	1
							2	C[339]AVVDVPPFGGAK	2
							3	YSTDVSVDEVKALASLM[147]TYKC[330]AVVDVPPFGGAK	1
							1	C[339]AVVDVPPFGGAK	2
							2	C[330]AVVDVPPFGGAK	2
							2	AKPYEGSILEADC[330]DILIPAASEK	3
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	1.00	15.16	0.87	0.00	2	2	2	GAVHQLC[339]QSLAGK	1
							2	GAVHQLC[330]QSLAGK	1
							3	ARNWWWASVDVVENEEASATIIVK	1

								3	GC[339]GPEKDHVYLQLHHLPEQLATR	1
								2	AAFGLSEAGFNTAC[330]VTK	1
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	2
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	23.49	1.34	0.10	12	7		2	EPIPVLPVHYNMGGIPTNYK	1
								2	TYFSC[330]TSAHTSTGDGTAM[147]ITR	1
								2	AC[339]ALSIEESC[339]RPGDK	1
								3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANR	1
								2	AC[330]ALSIEESC[330]RPGDK	1
								3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANR	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								2	TYFSC[339]TSAHTSTGDGTAM[147]ITR	1
								2	TYFSC[339]TSAHTSTGDGTAMITR	1
								2	C[330]HTIM[147]NC[330]TR	1
								3	AIAEIKKMMATYK	1
								2	KDESEQEK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	18.57	1.70	0.03	7	4		3	EGIC[339]GSC[339]AMNINGGNTLAC[330]TRR	1
								2	C[330]HTIMNC[330]TR	2
								2	C[339]HTIMNC[339]TR	2
								2	C[339]HTIM[147]NC[339]TR	2
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	0.00	2.28	1.58	0.00	1	2		3	ELC[339]LIRFHPATEEEEEVAYISLYSFSSR	1
								3	FM[147]IC[330]C[339]DRC[339]EEWFHGDC[339]VGISEAR	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	4.73	*	*	*	4		1	NSINSR	1
								2	QGDINASDFLALVEK	1
								2	YC[330]M[147]GNQEVSLNQQAKNSKK	1
								2	NLSINNDLNLRYC[330]M[147]GNQEVSLNQQAKNSK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	10.41	1.77	0.05	5	3		3	TVC[339]IEKNETLGGTC[339]LNVGC[339]IPSK	1
								2	VC[330]HAHPTLSEAFR	1
								2	NETLGGTC[339]LNVGC[339]IPSK	1
								2	VC[339]HAHPTLSEAFR	2
DLG1_HUMAN (Q12959) Disks large homolog 1 (Synapse-associated protein 97) (SAP-97) (hDlg) [MASS=100354]	0.00	1.33	*	*	*	1		2	FGSC[339]VPHTTRPK	1

DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	0.00	4.94	1.10	0.00	1	2	3	LRVNDNC[330]ILRVNEVDVSEVSHSK	1
							3	EQM[147]M[147]NHSM[147]SSGSGSLRTNQKR	1
							2	EQMMNHSMSSGSGSLRTNQKR	1
DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	*	2.57	*	*	*	1	3	IIPGGAAAMDGRLGVND[339]VLR	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	*	4.04	*	*	*	4	3	LEQLGEENQRLLKQTEM[147]LTQQR	1
							2	QAIKALLNGEGAINMVVRR	1
							3	ERDRAVSELAELR	1
							3	KSC[339]DEDLTSQKVDELGQK	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	3.33	*	*	*	5	2	EKFIPPELSMWDYFVAK	1
							2	LFSC[339]GADGTLKTRVLPNAFNIPNR	1
							2	RLWHFLVKQEVQLQETFIR	1
							2	C[339]IAGEVAIVRDPDAGEGTK	1
							2	VAKASFQRNNDALDAALFYLSM[147]K	1
DNC_HUMAN (Q9HC21) Mitochondrial deoxynucleotide carrier (Solute carrier family 25 member 19) (Mitochondrial uncoupling protein 1) [MASS=35511]	0.56	7.50	0.56	0.00	1	1	2	GLAPTLIAIFPYAGLQFSC[330]YSSLK	1
DNJA1_HUMAN (P31689) DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein homolog 2) (HSJ-2) (HSDJ) [MASS=44868]	0.73	2.52	1.06	0.00	1	1	2	NVIC[339]DKC[339]EGR	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	0.00	3.32	2.97	0.00	1	1	2	RNGQSGIC[339]ITFK	1
							3	PIC[330]IATDDYESESGSM[147]ISQTVAM[147]AIAGTSVPQLTR	2
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	0.00	9.79	0.20	0.00	1	6	2	YFTESGLVGLLEQAAASFMSMAGMYEAVNEVYK	1
							3	HC[330]SSSIGTIR	1
							2	IAKGYQTSPDLRLTWLQNMAGK	1
							2	PPVIAGQIVNLGQASFEAM[147]ASIINR	1
							2	MQVTM[147]SLSSLVGTSGNFNEEFLRRSLK	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	1.43	*	*	*	1	3	LASARNITIKIQFMC[339]GEDASNAMPVIFGK	1

DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	*	3.24	*	*	*	3	3	QLC[330]SSAEVDM[147]IKLQLKLGGSVSVQVNAGPLAYAR	1
							3	ADMC[339]AALC[339]YEILKC[330]C[330]NSK	1
							3	GNMNSAISVTM[147]RSFK	1
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	*	5.33	*	*	*	3	3	VPYVIISAAKGVAAYMK	1
							3	DPVIQIC[339]SLGLRWGEPEPFLR	1
							3	DPGSAPSLGDRVPYVIISAAK	1
							2	FQLTDC[330]QIYEVLSVIR	2
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	15.21	0.60	0.16	7	5	2	DRFQLTDC[330]QIYEVLSVIR	1
							2	THNSSLEYNIFEGM[147]EC[339]R	1
							2	FQLTDC[339]QIYEVLSVIR	1
							2	NLHQSGFSLSGAQIDDNIPRR	1
							2	GLYDGPVC[330]EVSVTPK	2
DPYL3_HUMAN (Q14195) Dihydropyrimidinase-related protein 3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP protein) (Collapsin response mediator protein 4) (CRMP-4) [MASS=61963]	0.86	4.56	1.47	0.00	1	2	2	GAPLVVIC[339]QGGK	1
							2	IVAPPGGRSNITSLS	1
DRC1A_HUMAN (Q9BY13) Down-regulated by CTNNB1 protein A [MASS=57625]	0.00	13.82	1.13	0.00	1	3	2	QTQRAQSENLELLSLK	1
							2	NVHSSGC[330]IEALLLGYYNLEIVDKQGHTK	1
							3	SFEQVSGVTVPHNPSSAVGC[339]GAGTDANR	1
DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	*	3.63	*	*	*	4	2	FLITSTGALYIK	1
							2	TLKRPTVLEIPMEAAASSASSTR	1
							3	ARSSMVSTESASSTYEELAR	1
							2	VSNDVGADVSKSM[147]YLTVK	1
DSCL1_HUMAN (Q8TD84) Down syndrome cell adhesion molecule-like protein 1 precursor (Down syndrome cell adhesion molecule 2) [MASS=224461]	*	3.51	*	*	*	3	2	DSLLEM[147]STSGVGRSQKQGAGAYSK	1
							3	DAKSLAEM[147]LISKNNR	1
							3	FVVPNNQDGIYGKAGVLNC[330]SVDGYPPPKVMWK	1
							2	DAKSLAEMLISKNNR	1
DSCR2_HUMAN (O95456) Down syndrome critical region protein 2 (Leucine-rich protein C21-LRP) [MASS=32854]	*	10.07	*	*	*	1	3	DSAC[330]C[339]PLLEQPNIHDLPAAVLSYC[339]QVWK	1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	*	2.17	*	*	*	5	2	QSTLELRQPPEESFILK	1
							3	EIHNC[330]QYVAC[339]M[147]NPMVGSFTISPRLQR	1
							2	WVESEC[330]PEKEK	1
							2	SIGNIYKGLVQTGAWGC[339]FDEFNR	1
							3	QIEC[339]GHVVLNKNM[147]PFTSGNMK	1

DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.59	4.48	1.11	0.00	1	9	2	IRQALVAIFTHLR	1
							3	M[147]NTLLANGEVPLGFEGDEYATLMTQC[330]KEGAQK	1
							3	NLESALRFGNPLLVDVESYDPVLPVLPVLR	1
							2	TLMAQSIYGGKRVDFDQRLNLTFLER	1
							2	QHLVEVRSM[147]ANPPAAVK	1
							3	EVDGLDVSKEGTEAWAAM[147]KR	1
							2	VAAPDVVVPTLDTVRHEALLYTWLAEHK	1
							2	NIHVC[330]LGGLFVPEAYITATR	1
							2	LSLPPNVRIMFEVQDLK	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	0.81	12.36	0.71	0.00	1	1	2	YNPTWHC[339]IVGR	1
							2	C[330]VDM[147]VISELISTVR	1
							3	EFIFSELLANLYSC[339]GDQNTLM[147]EESAEQAQR	1
DYN1_HUMAN (Q05193) Dynammin-1 (EC 3.6.5.5) [MASS=97407]	1.00	9.38	0.61	0.06	6	4	3	EFIFSELLANLYSC[330]GDQNTLM[147]EESAEQAQR	2
							2	C[330]VDMVISELISTVR	1
							1	ELRREISYAIK	1
							3	EFIFSELLANLYSC[330]GDQNTLM[EESAEQAQR	1
							2	PGSRGPAPGPPAGSALGGAPPVPSR	1
DYN3_HUMAN (Q9UQ16) Dynammin-3 (EC 3.6.5.5) (Dynammin, testicular) (T-dynammin) [MASS=96681]	0.00	0.81	0.26	0.00	1	1	2	LC[330]EETER	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	0.00	5.88	0.73	0.05	2	1	2	HIKYKFEVC[330]JEK	2
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	*	2.31	*	*	*	3	2	EFTGFDPDPYTELNTGK	1
							3	GWM[147]IGFEEHKQK	1
							3	LPGGQWIYMSDNYTDVNGEK	1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	0.00	10.53	0.92	0.00	1	2	2	MALAGAPAGGPC[339]APALEALLGAGALR	1
							2	LLEDTDSQRLAYVTC[339]QDLR	1
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	8.67	1.03	0.00	1	1	3	LSPTPADDYNFNLDDNEGVC[330]DLFDVQILNY	1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	0.00	4.65	0.65	0.00	1	2	3	GAC[339]STPDM[147]PQFEPVKTTETMTVSSLAIR	1
							2	YTM[147]SRSLDGAEFR	1

E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	0.99	7.54	1.01	0.00	1	3	3	QVRSGAWHFSFNVKFYPPDPAQLSEDIR	1
							3	IVITGDADIDHDQALAQAIKEAKEQHPDMSVTK	2
							2	IVITGDADIDHDQALAQAIK	1
EAA1_HUMAN (P43003) Excitatory amino acid transporter 1 (Sodium-dependent glutamate/aspartate transporter 1) (Glial glutamate transporter) (GLAST-1) [MASS=59572]	*	6.27	*	*	*	2	2	HELKNRDVEM[147]GNSVIEENEM[147]K	1
							3	NM[147]FPPNLVEAC[330]FK	1
							2	DGM[147]NVLGLIGFFIAFGIAM[147]GK	1
							2	C[330]LEENLGIDKR	1
							3	NLFPENLVQAC[330]FQQIQTVTKK	1
							2	NLFPENLVQAC[330]FQQIQTVTK	4
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	16.38	0.54	0.24	11	5	2	NLFPENLVQAC[330]FQQIQTVTKK	1
							3	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	C[339]LEENLGIDKR	1
							3	EVEAVIPDHC[339]IFASNTSALPISEIAAVSK	2
							2	ALM[147]GLYHGQVLC[330]K	1
							2	QFTPC[339]QLLADHANSFNKK	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	7.86	1.43	0.05	7	3	2	ALM[147]GLYHGQVLC[339]K	1
							2	QFTPC[339]QLLADHANSFNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
							3	QFTPC[330]QLLADHANSFNKK	1
							3	QFTPC[339]QLLADHANSFNKK	1
							3	QFTPC[339]QLLADHANSFNKK	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	1.00	5.68	1.18	0.05	2	1	3	EGGQYGLVAAC[339]AAGGQGHAM[147]IVEAYPK	1
							3	EGGQYGLVAAC[339]AAGGQGHAMIVEAYPK	1

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	22.41	2.22	0.04	9	3	2	ALNALC[330]DGLIDELNQALK	1
							3	IC[330]PVETLVVEEAIQC[330]AEK	1
							2	ALNALC[339]DGLIDELNQALK	2
							3	IC[339]PVETLVVEEAIQC[339]AEK	1
							2	IC[330]PVETLVVEEAIQC[330]AEK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoil-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	13.71	*	*	*	4	3	LC[339]NKPIQSLPNMDSIFSEALLK	1
							2	LQKYRQNPDIQLEPSDYLK	1
							2	ILGEGIAASPEHIDVVYLHGYGC[339]JARHK	1
							3	QHPGC[330]LAQEAC[339]VRAVQAAVQYPYEVGIKK	1
							3	QHPGC[330]LAQEAC[339]VRAVQAAVQYPYEVGIKK	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	1.00	9.09	0.65	0.00	2	2	3	DGNASGTTLLEALDC[339]ILPPTRPTDKPLR	1
							2	TIEKFEKEAAEMGK	1
							3	DGNASGTTLLEALDC[330]ILPPTRPTDKPLR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.00	1.94	0.56	0.00	1	1	2	RGNVC[330]GDSK	1
							3	HYAHTDC[330]PGHADYVK	2
							2	KGDEC[339]ELLGHSK	3
							1	KGDEC[339]ELLGHSK	1
							2	HYAHTDC[339]PGHADYVK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	11.95	1.35	0.11	12	3	1	KGDEC[339]ELLGHSK	1
							2	HYAHTDC[339]PGHADYVK	2
							3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[330]PGHADYVK	2
							3	ELLTEFGYKGEETPVIVGSALC[339]ALEGR	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	4.24	*	*	*	2	2	LKLFAFGGTSVSHDKLPK	1
							1	VYITGGR	1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	6.47	*	*	*	2	2	SGETEDTFIADLVVGLC[330]TGQIK	2
							2	SGETEDTFIADLVVGLC[339]TGQIK	2
							2	TGAPC[330]R	2
							3	SGETEDTFIADLVVGLC[330]TGQIK	1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	3.46	0.59	0.07	8	1	2	VNQIGSVTEAIQAC[330]K	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	8.08	*	*	*	2	3	VSLSGSSDPHLC[339]R	2
							3	DVREPPALKYGIVLDAGSSHTSMFIYK	1
ENP3_HUMAN (O75355) Ectonucleoside triphosphate diphosphohydrolase 3 (EC 3.6.1.5) (NTPDase3) (Ecto-ATP diphosphohydrolase) (ATPDase) (Ecto-apyrase) (CD39 antigen-like 3) (HB6) [MASS=59133]	0.26	7.56	2.03	0.00	1	2	2	QEVLPPLKYGIVLDAGSSR	1
							3	C[339]SVKKGSGISSYGNPNQDVPR	1
EPHA1_HUMAN (P21709) Ephrin type-A receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH) [MASS=108066]	0.00	3.18	0.61	0.00	1	1	3	SFPGGAGPLGC[330]KETFNLLYMESDQDVGIQLR	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.56	2.85	0.00	1	2	3	C[339]KPVMIIITEYM[147]ENGSLDAFLRK	1
							2	SGEC[330]QAC[330]KIGIYYKALSTDATC[330]AK	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	0.00	9.15	1.12	0.00	1	5	3	ARTVAGYGKFSGK	1
							3	C[339]DDNVEFVPR	1
							3	FAEIVNTLDKM[147]IRNPASLK	1
							3	NVISIVNETSIILEWHPPR	1
							3	M[147]VQYRDSFLTAGFTSLQLVTQM[147]TSEDLLR	1
EPHB3_HUMAN (P54753) Ephrin type-B receptor 3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor HEK-2) [MASS=110329]	0.00	7.21	*	*	*	4	3	ESFVSAGFASFDLVAQM[147]TAEDLLR	1
							2	TTSPAASIC[339]TC[339]HNNFYR	1
							2	KQRHGSDSEYTEK	1
							2	FLEDDPSDPTYTSSLGGK	1
EPN2_HUMAN (O95208) Epsin-2 (EPS-15-interacting protein 2) [MASS=68553]	0.00	3.27	2.03	0.00	1	1	2	AGGSPASYHGSPEASLC[339]PQHR	1

ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	0.00	4.62	0.44	0.00	1	3	2	LAQPQIC[330]TIDVYM[147]VM[147]VK	1
							3	IYISANRQLC[330]YHHSLNWTK	1
							3	NVLLKSPSQVQVADFGVADLLPPDDK	1
ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c) [MASS=89277]	0.00	2.56	14.83	0.00	1	1	2	RC[339]LVLGNSAVSVEQWKAQFK	1
ERN2_HUMAN (Q76MJ5) Serine/threonine-protein kinase/endoribonuclease IRE2 precursor (Inositol-requiring protein 2) (hIRE2p) (IRE1b) (Ire1-beta) (Endoplasmic reticulum-to-nucleus signaling 2) [Includes: Serine/threonine-protein kinase (EC 2.7.11.1); Endor] [MASS=102250]	*	0.65	*	*	*	1	2	KFRSYK	1
ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	6.80	0.41	0.00	1	2	2	SC[330]QAC[330]RFM[147]KC[330]LK	1
							3	TIQGNIEYSC[339]PATNEC[330]EITKRR	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	12.69	1.44	0.02	2	2	2	EFHQAGKPIGLC[339]C[339]IAPVLAAK	1
							2	NLSTFAVDGKDC[339]K	1
ETF_A_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	0.71	4.80	1.80	0.00	1	1	2	QFNYTHIC[339]AGASAFGK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.91	1.94	1.94	0.00	1	1	2	LQINAQNC[339]VHC[339]K	1
ETS1_HUMAN (P14921) C-ets-1 protein (p54) [MASS=50408]	*	2.95	*	*	*	1	2	FC[330]MNGAALC[330]ALGK	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	*	6.99	*	*	*	1	3	TPPSTSMSIPIAGESESLQEDRK	1

F263_HUMAN (Q16875) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (6PF-2-K/Fru-2,6-P2ASE brain/placenta-type isozyme) (iPFK-2) (NY-REN-56 antigen) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=59609]	0.00	5.38	1.07	0.00	1	2	2	VESIYLNVESVC[339]THR	1
							2	DC[339]NSAEAM[147]DDFM[147]K	1
FA20A_HUMAN (Q96MK3) Protein FAM20A precursor [MASS=61404]	*	5.18	*	*	*	1	3	ASSLARDSAAAASDPGTIVHNFSRTEPR	1
FA43B_HUMAN (Q6ZT52) Protein FAM43B [MASS=36776]	*	4.86	*	*	*	1	2	AVVLRRC[330]HAVLLARAHK	2
FA49A_HUMAN (Q9H0Q0) Protein FAM49A [MASS=37313]	0.00	7.12	2.02	0.00	1	1	2	VMVGVIIYDHSVHPVGAFC[339]KTSK	1
FA50B_HUMAN (Q9Y247) Protein FAM50B (XAP-5-like protein) [MASS=38708]	0.00	7.08	1.50	0.00	1	1	2	KISC[330]LSFALDDLDQADAAEARR	1
FA5_HUMAN (P12259) Coagulation factor V precursor (Activated protein C cofactor) [Contains: Coagulation factor V heavy chain; Coagulation factor V light chain] [MASS=251670]	0.00	3.87	12.91	0.00	1	3	3	WNILEFDEPTENDAQC[339]LTRPYSDVDIMR	1
							3	HM[147]KRWEYFIAAEEVIWDYAPVIPANM[147]DK	1
							3	C[339]IPDDEDSYEIFEPPESTMATRKMHDR	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	*	3.82	*	*	*	1	2	DIQKWEYVPLGPFLGK	1
FAM3C_HUMAN (Q92520) Protein FAM3C precursor (Protein GS3786) [MASS=24680]	0.00	12.33	1.11	0.00	1	1	3	IC[339]LEDNVLM[147]SGVKNNVGRGINVALANGK	1
							2	IVIILSEGREERIYNQSQSNK	1
							3	YLEIKEISDANYVSNQALIPRDHSHK	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	5.27	1.85	0.00	2	6	2	VM[147]TFVGHASGK	1
							1	VSKEIK	3
							3	SC[339]HSVEDGQLLTSNESEDEIFRR	2
							3	FIEQIHLQSM[147]FERIC[330]VIVEK	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.68	*	*	*	1	3	DC[339]RAALAEITEMVAQLHGTMIKMENFQK	1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	2.47	10.14	0.00	1	2	2	IC[339]VEYHTFFR VKLLDNTM[147]EIFDIEPK	1 1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	0.00	2.03	*	*	*	1	3	C[330]GEGQVC[330]HNLPGSYRC[330]DC[330]KAGFQR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	5.33	*	*	*	8	2	C[330]APGTC[330]QNLDGSYR NMC[330]LNGM[147]C[330]INEDGSFK C[339]PPGFYTSPDGTR NC[339]TDIDEC[330]RISPDLC[330]GR DLDEC[330]ATKQHNC[339]QFLC[330]VNTIGGFTC[330]K C[339]VNTYGSYEC[330]KC[330]PVGYYLVR DINEC[330]ETPGIC[330]MNGRC[330]VNTDGSYR GSYTC[330]EC[330]NDGFTASPNQDEC[339]LDNR	1 1 1 1 1 1 1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	1.75	*	*	*	2	3	FGPRGDGSLSC[330]NTEIGVGSRSSC[339]C[339]C[330]SLGK GYIGTYC[330]GQPVC[330]JENGCC[330]QNGGR	1 1
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSIkappaB) (plkappaBalph-E3 receptor subunit) [MASS=68866]	*	4.63	*	*	*	1	3	NSLRQTYNSC[339]ARLC[339]LNQETVC[330]LASTAM[147]K	1
FCRL_HUMAN (Q7L513) Fc receptor-like and mucin-like 1 precursor (Fc receptor homolog expressed in B-cells) (Fc receptor-related protein X) (FcRX) (Fc receptor-like protein) [MASS=38927]	0.00	5.57	1.12	0.00	1	1	2	AVPSAEPQAGSPM[147]TLSC[330]QTK	1
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	*	4.00	*	*	*	1	2	LLEVYEQLGGEEDIVNPANELIKEGQIQK	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	0.00	3.42	1.34	0.00	1	5	2	YLGLLSENC[330]LHSPR	2
FGF19_HUMAN (O95750) Fibroblast growth factor 19 precursor (FGF-19) [MASS=24002]	*	9.26	*	*	*	1	3	VC[339]PISSAAPK VEGQSR TVSRVESFEDR GRAVPGLMR	1 1 1 1
FGF22_HUMAN (Q9HCT0) Fibroblast growth factor 22 precursor (FGF-22) [MASS=19662]	*	13.53	*	*	*	1	2	LRHLYTSGPHGLSSC[339]FLRIR SVHVGVVVVIKAVSSGFYVAMNRR	1 1

FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	0.00	2.87	0.19	0.00	1	1	2	C[330]SLSLVGR	5
FIBB_HUMAN (P02675) Fibrinogen beta chain precursor [Contains: Fibrinopeptide B] [MASS=55928]	0.28	6.11	0.51	0.00	1	2	1	C[330]HAANPNGR	1
							2	HGTDDGVVWM[147]NWKGSWYSMRK	1
FKB10_HUMAN (Q96AY3) FK506-binding protein 10 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (65 kDa FK506-binding protein) (FKBP65) (Immunophilin FKBP65) [MASS=64245]	0.00	4.98	0.48	0.00	1	1	3	NTLVAIVVGVGRLITGM[147]DRGLM[147]GM[147]C[330]VNER	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.81	5.63	1.00	0.00	1	1	2	RVDHC[330]PIK	1
FLIP1_HUMAN (Q7Z7B0) Filamin-A-interacting protein 1 (FILIP) [MASS=138108]	0.00	2.31	0.41	0.00	1	2	2	GEC[330]GNSSLMAEVENLR	1
							2	KLLEQEKAYQAR	1
FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	*	6.09	*	*	*	7	3	VTVLFAGQNIERSPFVNVGM[147]ALGDANKVSAR	1
							2	SPFPVHVSEAC[330]NPNAC[330]RASGR	1
							2	VRASGPGLERGK	1
							3	YVVTITWGGYAI PRSPFEVQVSPEAGVQK	1
							3	YTIM[147]VLFANQEIPASPFHIK	1
							3	PIPC[339]KLEPGGGAEQAQAVRYM[147]PPEEGPYK	1
							3	SPFVVNVAPPLDLSKIKVQGLNSK	1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolypolyglutamate synthase) [MASS=64609]	*	1.19	*	*	*	1	1	DPAALLK	2

FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	0.00	6.94	0.51	0.00	1	9	3	QLPQLTSLELQYVSPKLLM[147]C[330]R	1
							3	AIGRLAMAGDTFTAIEYVEFEVK	1
							3	AYGAM[147]VSC[330]HM[147]LSELEEVIQYK	1
							1	YMKSGNVK	1
							2	TAAFQALGLLSVAVR	1
							2	M[147]LGHLVSNAPRLIRPYMEPIK	1
							2	M[147]DTNKDDPELMLGRMR	1
							3	TDSYSAGQSVEILDGVELGEPAHKK	1
2	MLTNAMEVTGLDGNRYRITC[339]HTVMEVLR	1							
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	1.61	0.40	0.00	1	2	2	YVHNGC[330]PILDEDTVK	1
							2	DLSDMQIAYQPPNSSHSERR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	3.05	*	*	*	1	2	VFNFDFRRPGPEPPR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	2.86	1.10	0.00	1	1	2	QFLDGPASM[147]RIRELNLSNC[339]VR	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	0.00	4.38	*	*	*	1	3	ITDTGLSYLSTMSLSRSLYLR	1
FXL18_HUMAN (Q96ME1) F-box/LRR-repeat protein 18 (F-box and leucine-rich repeat protein 18) [MASS=88341]	0.00	5.71	1.04	0.00	1	2	3	DLRSLASLNLSGC[339]VHC[339]LSPDSLLRK	1
							2	LC[339]LVSRSGTLQPDVAVLAFMAR	1
FXVD6_HUMAN (Q9H0Q3) FXVD domain-containing ion transport regulator 6 precursor [MASS=10542]	0.73	8.42	0.92	0.00	1	1	2	C[339]SFNQKPR	1
							2	C[330]SFNQKPR	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	5.58	9.10	0.00	1	7	3	NALEELSKATQWNSAEGLPTNSTSDSR	1
							2	FM[147]GYTGDLRAC[330]TYC[339]R	1
							3	KIC[339]HHSSGMEFQDHR	1
							3	QYWMPDSQC[330]KEC[330]YDC[330]SEK	1
							2	ISRM[147]TQGDLMV[147]SMDQLLTK	1
							3	FMGYTGDLRAC[339]TYC[339]RK	1
2	EM[147]ENRR	1							
G109A_HUMAN (Q8TDS4) Nicotinic acid receptor 1 (G-protein coupled receptor 109A) (G-protein coupled receptor HM74A) [MASS=41849]	*	7.16	*	*	*	1	3	RAITFIM[147]VVAIVVIC[330]FLPSVVVRIR	1

G109B_HUMAN (P49019) Nicotinic acid receptor 2 (G-protein coupled receptor 109B) (G-protein coupled receptor HM74) (G-protein coupled receptor HM74B) [MASS=44495]	0.00	3.10	0.77	0.00	1	1	2	GHC[330]HQEPASLEK	1
							2	VPTANVSVVLDLTC[330]R	1
							2	IISNASC[330]TTNC[330]LAPLAK	2
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.72	0.10	6	2	1	VPTANVSVVLDLTC[330]R	1
							2	VPTANVSVVLDLTC[339]R	1
							2	IISNASC[339]TTNC[339]LAPLAK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	10.00	0.89	0.36	6	3	2	TM[147]GC[330]LATTHSK	1
							2	HGC[330]AFLVDEVQTGGGC[330]TGK	1
							2	KHGC[339]AFLVDEVQTGGGC[339]TGK	1
							2	KHGC[330]AFLVDEVQTGGGC[330]TGK	1
							2	TM[147]GC[339]LATTHSK	1
							2	HGC[339]AFLVDEVQTGGGC[339]TGK	1
GAH2_HUMAN (P63118) HERV-H_3q26 provirus ancestral Gag polyprotein (Gag polyprotein) [MASS=23279]	*	11.21	*	*	*	2	3	C[330]LIFFC[330]NTAWPQYK	1
							1	KVAGAKGIVK	1
GATM_HUMAN (P50440) Glycine amidinotransferase, mitochondrial precursor (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase) (AT) [MASS=48455]	0.89	3.55	1.82	0.00	1	1	2	NSC[339]AADDKATEPLPK	1

								2	LFVSGAC[330]DASAK	1
								2	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1
								2	LFVSGAC[339]DASAK	1
								2	ELAGHTGYLSC[339]C[339]R	1
								2	ELAGHTGYLSC[330]C[330]R	5
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	35.40	0.58	0.15	20	6	3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2	
							3	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1	
							2	AC[330]ADATLSQITNNIDPVGR	1	
							3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	2	
							1	ELAGHTGYLSC[330]C[330]R	1	
							1	LFVSGAC[330]DASAK	3	
							2	KAC[330]ADATLSQITNNIDPVGR	1	
							2	KAC[339]ADATLSQITNNIDPVGR	1	
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.63	0.08	4	1	2	ELPGHTGYLSC[339]C[339]R	1	
							2	ELPGHTGYLSC[330]C[330]R	3	
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.81	11.18	1.81	0.00	1	2	3	AC[339]ADVTLAELVSGLEVGRVQMRTR	1	
							2	ELSAHTGYLSC[330]C[330]R	1	
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	1.00	19.72	0.76	0.07	2	1	2	ASADLM[147]SYC[330]EEHAR	1	
							2	ASADLMSYC[330]EEHAR	1	
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-1) [MASS=7719]	1.00	62.86	0.61	0.01	3	2	2	AAADLM[147]AYC[339]EAHAK	1	
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVASENPFR	1	
							2	AAADLM[147]AYC[330]EAHAK	1	
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	40.00	0.60	0.03	2	1	3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPFRR	1	
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFRR	1	

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.98	20.59	0.54	0.00	1	1	2	AASDLM[147]SYC[330]EQHAR	1
GBLP_HUMAN (P63244) Guanine nucleotide-binding protein subunit beta 2-like 1 (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Receptor of activated protein kinase C 1) (RACK1) (Receptor for activated C kinase) [MASS=34945]	0.60	8.54	0.74	0.00	1	1	3	TNHIGHTGYLNTVTVSPDGLC[339]ASGGK	1
GBP4_HUMAN (Q96PP9) Guanylate-binding protein 4 [MASS=73123]	0.00	4.69	0.69	0.00	1	1	3	LPTDTLQELLDVHAAC[330]EREAIAVFMEHSFK	1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	0.00	2.42	4.40	0.00	1	1	3	LPARTKAQNPEPLM[147]C[330]PQM[147]K	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	*	1.78	*	*	*	1	2	IAGDC[339]RAIR	2
							2	YVSAQPLAGR	18
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.10	*	*	*	2			
							2	VHGGDGAEVYIDLLQKNR	1
GCP_HUMAN (Q9NPF4) Probable O-sialoglycoprotein endopeptidase (EC 3.4.24.57) (hOSGEP) [MASS=36427]	0.00	5.37	0.15	0.00	1	1	3	FC[330]IDNGAM[147]IAQAGWEM[147]FR	1

GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	*	5.71	*	*	*	1	2	NVAM[147]GYVPC[339]EYSRPGTMLLVEVR	1
GEPH_HUMAN (Q9NQX3) Gephyrin [MASS=79748]	0.00	7.34	1.28	0.00	1	2	3	FPVVAVM[147]STGNELLNPEDDLLPGK	1
GFI1_HUMAN (Q99684) Zinc finger protein Gfi-1 (Growth factor independence 1) [MASS=45297]	0.00	11.14	1.30	0.00	1	2	3	EAPGMALAMLMGSLNVTPLGMLSRPVC[339]GIR	1
							2	SM[147]C[339]PSLDEAQPFLPFKPYSWGLAGSDLR	1
							2	AHSYHQPRSPGPDYSLR	1
							3	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	LINGGIAGLIGVTC[339]VFPIDLAK	2
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.30	0.08	7	2	2	GVNEDTYSGILDC[339]AR	1
							2	GVNEDTYSGILDC[330]AR	2
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
GLPK3_HUMAN (Q14409) Glycerol kinase, testis specific 1 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60569]	*	3.44	*	*	*	1	3	FEPQINAESEIRYSTWKK	1
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	*	2.82	*	*	*	1	3	LLVSYDPRIRPNFK	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	0.00	44.76	1.77	0.00	1	2	3	VFIGKDC[330]IGGC[339]SDLVSLQQSGELLTR	1
							3	DC[339]IGGC[339]SDLVSLQQSGELLTR	1
							3	LKEC[330]M[147]DM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	8.52	1.83	0.01	10	4	2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	2
							3	LKEC[339]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	3
							2	VPFC[339]LQSC[339]VKPLK	1
							3	GIHFC[339]HDLVSLC[339]NFBHNYDNL	1

GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	1.16	*	*	*	1	1	1	FLIEAC[339]JK	1
GMCLL_HUMAN (Q8NEA9) Germ cell-less protein-like 1-like [MASS=60201]	0.39	7.60	1.79	0.00	1	2	2	VVAILAAAC[339]MLQLDGLIQQC[339]GETM[147]K	1	
							2	KDFEGMAFLETEPGK	1	
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	11.90	0.59	0.07	2	3	2	IIHEAGYSEEEC[330]KQYK	1	
							2	EIYTHFTC[330]ATDTK	1	
							2	EIYTHFTC[339]ATDTK	1	
							2	IIHEAGYSEEEC[330]K	1	
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	1.00	3.67	0.51	0.00	1	1	2	IIHEDGYSEEEC[330]R	1	
GNAI3_HUMAN	0.00	7.93	*	*	*	1	2	ADDARQLFVLAGSAEEGVM[147]TPELAGVIK	1	
							2	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	2	
							3	KSPLTIC[339]FPEYTGPNYEDAAAYIQAQFESK	1	
							3	MHESLM[147]LFDSIC[339]NNKFFIDTSIILFLNKK	1	
							3	KADAKMVC[339]DVVSR	1	
							2	M[147]VC[339]DVVSR	1	
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	35.69	0.49	0.16	8	6	2	MVC[330]DVVSR	1	
							3	KSPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	2	
							1	M[147]VC[330]DVVSR	2	
							3	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	2	
							2	M[147]HESLM[147]LFDSIC[330]NNK	1	
							2	EIYTHVTC[330]ATDTNNIQVFDAVTDVIAK	1	
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	16.71	1.16	0.22	2	2	3	EIYTHVTC[339]ATDTNNIQVFDAVTDVIAK	1	
							3	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1	
							3	SNEYQLIDC[330]AQYFLDKIDVIK	1	
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	0.95	8.63	0.69	0.00	1	2	2	QADYVPSDQDLLR	2	
							2	IPLTIC[330]FPEYK	1	
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.97	3.11	0.74	0.00	1	1	2	IPLTIC[330]FPEYK	1	

GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	*	7.14	*	*	*	5	2	TM[147]NSC[339]KVLQIR	2
							2	AEPFENHSALEIAEQLTLLDHLVFK	1
							2	SPTTPKSVKNK	1
							2	DNERIQSTQTVAPNDEDSDIKK	1
							3	C[330]LHNYNAVLEITSSMNRSAIFR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	6.23	*	*	*	10	3	HKELSVLLEEM[147]KEAQEEIAFLK	1
							2	DLEITKENLAQAVEHR	1
							3	AQTEVQLQQKVC[339]DTLQGENKELLSQLEETR	1
							2	LPSTDQQESC[339]SSTPGLEEPLFK	1
							2	NM[147]QEKLDAALRR	1
							3	ELENLLSQEEEEENIVLEENK	1
							3	QM[147]SIHM[147]EELKINISR	1
							2	QM[147]SIHMEELKINISRLEHDK	1
							2	SEEGKQRSAAQPSTSPAEVQSLK	1
							2	LITEM[147]DRSLLNQSLSSSC[330]ESLK	1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	*	4.09	*	*	*	1	2	KESLDGFVETFKK	1
GP113_HUMAN (Q8IZF5) Probable G-protein coupled receptor 113 precursor (G-protein coupled receptor PGR23) [MASS=116340]	0.00	1.76	0.97	0.00	1	1	2	LC[330]GADGVWGPVHSSC[330]TDAR	1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	*	1.35	*	*	*	1	2	YDDVTLM[147]GAEVASGGC[330]M[147]K	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	0.00	8.16	4.10	0.00	1	2	3	TVWEQC[339]VAIM[147]SEEDGDDGGC[339]DDYAEGR	1
							2	DPAQVKLLPGRHMLFPPLER	1
							2	C[339]KDVLTGQEFDVR	2
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	12.24	1.50	0.03	4	5	2	TAEENLDRRVPIPVDR	1
							3	AVKGTILVGGGALATVLGLSQFAHYRR	1
							2	C[339]VINATGPFTDSVRKMDDK	1
							2	C[330]VINATGPFTDSVR	1
							2	C[339]VINATGPFTDSVR	1

GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	9.71	0.48	0.11	5	3	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	2
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	*	3.40	*	*	*	1	2	ITTC[330]GR	1
							2	SREDC[330]C[330]TKF	2
							3	QDVHSRGLC[339]S	2
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	7.08	3.20	0.00	1	2	3	C[339]QGPPGVDLYRLEK	3
GRASP_HUMAN (Q7Z6J2) General receptor for phosphoinositides 1-associated scaffold protein (GRP1-associated scaffold protein) [MASS=42623]	0.00	5.32	0.37	0.00	1	1	2	C[330]AGPGGGGGGAPGALWTEAR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	*	3.88	*	*	*	2	3	SKIAVYEKM[147]WTYMR	1
							3	IAVYEKM[147]WTYMRSAEPSVFTR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	2.93	*	*	*	1	3	AKVEVDIFELLRDSEYETAETMC[330]QILPK	1
GRIK5_HUMAN (Q16478) Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2) (Excitatory amino acid receptor 2) (EAA2) [MASS=109047]	*	2.65	*	*	*	1	2	LVEDGLYGAPENGSWTGM[147]VGELINR	1
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	*	0.49	*	*	*	1	2	SFHLLKNEK	1

GRLF1_HUMAN (Q9NRY4) Glucocorticoid receptor DNA-binding factor 1 (Glucocorticoid receptor repression factor 1) (GRF-1) (Rho GAP p190A) (p190-A) [MASS=172228]	*	0.73	*	*	*	1	2	KNLQVVETSAR	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	7.36	0.83	0.89	5	5	2	RTIAPC[330]QK	1
							2	TIAPC[339]QK	1
							2	M[147]EEFKDQLPADEC[339]NK	1
							2	SDIGEVILVGGMTR	1
							2	M[147]EEFKDQLPADEC[330]NK	1
							2	VC[339]QGER	1
GTR11_HUMAN (Q9BYW1) Solute carrier family 2, facilitated glucose transporter member 11 (Glucose transporter type 11) (Glucose transporter type 10) [MASS=53702]	0.00	8.67	0.73	0.00	1	2	3	YLLIDC[330]GDTEAC[330]LAALRR	1
							2	IQYAIIGTGSC[330]JELLTAVVSC[339]VVIER	1
GUC1A_HUMAN (P43080) Guanylyl cyclase-activating protein 1 (GCAP 1) (Guanylate cyclase activator 1A) [MASS=22788]	0.00	11.00	5.65	0.00	1	1	3	FM[147]TEC[339]PSGQLTLYEFRQFFGLK	1
GUC2D_HUMAN (Q02846) Retinal guanylyl cyclase 1 precursor (EC 4.6.1.2) (Guanylate cyclase 2D, retinal) (RETGC-1) (Rod outer segment membrane guanylate cyclase) (ROSGC) [MASS=120058]	*	2.45	*	*	*	1	3	PLVSM[147]DQAPVEC[330]ILLMKQC[339]WAEQPELR	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.99	23.70	0.71	0.09	2	1	3	FQSAAGALQEASEAYLVGLFEDTNLC[339]AIHAK	2
HAIP_HUMAN (O60229) Huntingtin-associated protein-interacting protein (Protein Duo) [MASS=192228]	*	1.86	*	*	*	3	3	HFLFEISLVFSK	1
							2	ALLDVLQR	1
							2	TPAKQRNNSK	1
							3	GTFATLSELHC[339]DKLHVDPENFR	2
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	0.85	0.03	5	1	3	GTFATLSELHC[330]DKLHVDPENFR	2
							2	GTFATLSELHC[339]DKLHVDPENFR	1
HBP1_HUMAN (O60381) HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1) [MASS=57645]	0.00	4.67	1.86	0.00	1	2	1	PPPVSSSSK	1
							2	ASLSC[339]GGPGGQDFAR	1

HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	5.32	0.00	1	1	2	HPVSC[339]K	1
HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain] [MASS=208840]	*	1.47	*	*	*	1	2	QTSATSTMTVM[147]ATGAPC[330]SAGPLLGPMS[147]AR	1
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	*	2.91	*	*	*	2	3	QRIHDYYEHRYQGK	2
							3	TGIVVEDNTEIILDLPQRIKMK	1
HDAC8_HUMAN (Q9BY41) Histone deacetylase 8 (HD8) [MASS=41757]	0.00	7.43	1.02	0.00	1	1	2	AVVLQLGADTIAGDPMC[330]SFNM[147]TPVGIGK	2
							2	VLNNVVIHLLGDEDPRVR	1
							3	RVHPSEDEILAQYLVPATC[339]KAAAVLGM[147]DK	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	4.20	*	*	*	6	3	FHVGDWMTGIRTTLTGNTFLADC[339]IPLLR	1
							2	VNVHSPHRAM[147]AALGLMLTC[339]MYTGKEK	1
							3	AMAALGLMLTC[339]MYTGKEK	1
							3	EPGEQASVPLSPK	2
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	3.68	*	*	*	4	2	AEALM[147]M[147]PLVDQLENRLGGEEK	1
							3	YNEFSVSLLNEDPKSLDIFIKAVHTTK	1
							2	ILAMNHLKK	1
							3	NWKNHM[147]GPFM[147]SILQEHIGVMKK	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	*	8.68	*	*	*	3	2	KIFEKTAFPNSIAVDLC[339]SR	1
							2	DPSLVVAGEALDALFDVFADGK	1
							3	ILSEVLGM[147]DAGEMVIQM[147]K	1
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-) [MASS=130448]	*	3.45	*	*	*	2	2	QRYQAAR	1
							3	GDTVAVHLLGLGTETDVHGVFMFQGNTVQLQGM[147]R	1
HEPS_HUMAN (P05981) Serine protease hepsin (EC 3.4.21.-) (Transmembrane protease, serine 1) [Contains: Serine protease hepsin non-catalytic chain; Serine protease hepsin catalytic chain] [MASS=45011]	*	4.32	*	*	*	1	3	LPHTQRLLLEVIVC[330]DC[339]PR	1

HEXB_HUMAN (P07686) Beta-hexosaminidase beta chain precursor (EC 3.2.1.52) (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase B) (Cervical cancer proto-oncogene 7) (HCC-7) [Contains: Beta-hexosaminidase beta-B chain; Beta-hexos [MASS=63111]	*	2.16	*	*	*	1	3	MVIEYARLRGIR	1
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	0.00	6.64	0.34	0.00	1	2	2 2	VIIISILQQVMANTLEINGKIR DVRVTC[330]IPK	1 1
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	1.00	23.58	1.27	0.00	2	1	3 3	ENPVVPIGC[330]LATAAALTYGLYSFHR ENPVVPIGC[339]LATAAALTYGLYSFHR	1 1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	0.98	10.43	1.11	0.00	1	1	2	SLPADILYEDQQC[339]LVFR	1
HNRH1_HUMAN (P31943) Heterogeneous nuclear ribonucleoprotein H (hnRNP H) [MASS=49098]	0.00	2.90	0.83	0.00	1	1	2	DLNYC[339]FSGM[147]SDHR	1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	*	2.16	*	*	*	1	2	RGPPPPPPGR	1
HOOK2_HUMAN (Q96ED9) Hook homolog 2 (h-hook2) (hHK2) [MASS=83163]	*	4.17	*	*	*	2	2 2	IRHLEMDFEKSR QVQELQGQLQEEAM[147]KAEK	1 1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	0.82	*	*	*	1	1	VLTFLLRR	1
HS12A_HUMAN (O43301) Heat shock 70 kDa protein 12A [MASS=74978]	0.70	7.85	0.87	0.00	1	2	2 3	SNVDFVKWSSQGM[147]LRM[147]SPDAM[147]NALFK FLFLVGGFAEAPLLQQAQVAAFGDQC[339]R	1 1
HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	0.00	4.96	0.31	0.00	1	1	3	M[147]SC[330]EAMNELFQPTVSGIIQHIEALLARPEVQGVK	1
HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.51	5.13	0.85	0.00	1	2	3 2	C[330]HAEHTPEEEIDHTGAKTKSAVSDK ANSEHNGPM[147]DGQSGTETK	1 1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	0.92	2.60	0.68	0.00	1	1	2	YYTSASGDEM[147]VSLKDYC[330]TR	1

HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	*	1.11	*	*	*	1	2	KM[147]EESKAK	1							
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.00	7.33	1.41	0.00	1	2	2	MAKAAAIGIDLGTTYSC[330]VGVFQHGK	1							
							2	AAAIGIDLGTTYSC[330]VGVFQHGK	1							
HXD8_HUMAN (P13378) Homeobox protein Hox-D8 (Hox-4E) (Hox-5.4) [MASS=31910]	0.00	6.55	0.33	0.00	1	1	2	QPIFTTQQAELVQYPDC[330]K	1							
							1	LPVGFTFSFPC[339]QQSK	2							
							3	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1							
							2	TVC[339]GVVSR	1							
							2	AILQQLGLNSTC[330]DDSILVK	1							
							2	LPVGFTFSFPC[330]QQSK	2							
							2	C[339]NVSFLLSEDGSGKGAALITAVGVR	1							
							1	C[339]NVSFLLSEDGSGK	1							
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1							
							2	C[330]NVSFLLSEDGSGK	2							
							1	ATDC[339]VGHVVTLLR	2							
							HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	21.70	1.74	0.07	33	12	1	TVC[339]GVVSR	1
														1	LPVGFTFSFPC[330]QQSK	1
2	LPVGFTFSFPC[339]QQSK	4														
2	TVC[330]GVVSR	1														
2	EMKNGLSRDFNPTATVK	1														
2	AAQLC[330]GAGM[147]AAVVDK	1														
2	AAQLC[339]GAGM[147]AAVVDKIR	1														
3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1														
2	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1														
2	C[339]NVSFLLSEDGSGK	2														
2	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1														

								2	AILQQLGLNSTC[339]DDSILVK	1
								2	AAQLC[330]GAGMAAVVDK	1
								2	ATDC[339]VGHVVTLLR	1
								2	RAAQLC[339]GAGM[147]AAVVDK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	21.70	1.74	0.07	33	12		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[330]QQSK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	AAQLC[330]GAGM[147]AAVVDKIR	1
								2	RAAQLC[330]GAGM[147]AAVVDK	1
I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	0.00	2.32	1.04	0.00	1	2		2	EIPDPANSTC[339]AKK	1
								1	HDLLDLK	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.00	5.37	1.40	0.00	1	3		2	QC[339]REEVLKNFTDQLR	1
								2	C[339]IKKLTDNQTSTM[147]IK	1
								2	KLTDNQTSTMIKATAR	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.00	2.21	*	*	*	1		2	LVRSANYETDPFVQEFQFK	1
I2C4_HUMAN (Q9HCK5) Eukaryotic translation initiation factor 2C 4 (eIF2C 4) (eIF-2C 4) (Argonaute-4) [MASS=97096]	0.00	0.58	*	*	*	1	1	1	IYYR	1
I5P1_HUMAN (Q14642) Type I inositol-1,4,5-trisphosphate 5-phosphatase (EC 3.1.3.56) (5PTase) [MASS=47819]	*	2.91	*	*	*	1	3	3	KLFDYFNQEVFR	1
								2	GNPEPSVHC[339]AR	1
								3	C[339]EARGNPEPSVHC[330]AR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	10.82	0.59	0.10	4	6		2	EDAGTYHC[330]VATNAHGTDSDR	1
								2	ALSGTYRC[330]K	1
								3	VSREDAGTYHC[339]VATNAHGTDSDRTVTVGVEYR	1
								2	GNPEPSVHC[330]AR	1
								2	LFSC[330]EVDGKQPQSVK	1

								2	EVAESC[339]KDIK	2
								2	TFDLYANVRPC[330]VSIEGYK	1
								2	C[339]REVAESC[339]K	2
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	35.52	1.55	0.06	9	9		2	TFDLYANVRPC[339]VSIEGYK	1
								2	C[339]SDFTEEIC[339]R	1
								3	SLTKDLGGNAKC[339]SDFTEEIC[339]R	1
								2	C[339]REVAESC[339]KDIK	1
								3	HM[147]GLFDHAARIEAAC[330]FATIK	1
								2	EVAESC[330]KDIK	1
								2	KTFDLYANVRPC[339]VSIEGYK	1
								2	MSDGLFLQKC[330]R	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	18.07	1.51	0.03	4	5		2	TSLDLYANVIHC[339]K	1
								2	LGDGLFLQC[339]C[339]R	1
								3	AKSLRIAEYAFK	1
								2	IAEYAFKLAQESGRK	1
								2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1
								2	NIANPTATLLASC[330]M[147]M[147]LDHLK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	14.60	1.38	0.12	10	5		2	NILGGTVFREPIIC[339]K	1
								2	C[339]ATITPDEARVEEFK	1
								2	VC[339]VETVESGAM[147]TK	1
								2	DLAGC[339]IHGLSNVK	1
								2	VC[330]VETVESGAM[147]TK	2
IF4G2_HUMAN (P78344) Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (p97) (Death-associated protein 5) (DAP-5) [MASS=102361]	0.00	14.44	0.14	0.00	1	6		2	C[330]ATITPDEAR	1
								2	C[330]ATITPDEARVEEFK	1
								2	NILGGTVFREPIIC[330]K	2
								2	DLAGC[330]IHGLSNVK	1
								2	M[147]C[330]SLM[147]LSKELPARIR	1
								3	HRSNQLFNHGHHIMPPTQSQFGEM[147]GGK	1
								2	LILKGVILLIVDKALEEPK	1
								2	DPLGGLADMFGQM[147]PGSGIGTGPGVIQDRFSPTM[147]GR	1
								3	ELPARIRFLLQDVELR	1
								2	LC[339]LELLNVGVESKLILK	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	0.90	12.42	*	*	*	1		3	KYEDIC[330]PSTHNM[147]DVPNIKR	1

IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	0.90	37.50	0.76	0.00	1	2	3	ADEIDFTTG DAGASSTYPM[147]QC[339]SALR	1
							3	EIEGKYNAGEDVQVSVM[147]C[339]AM[147]SEEYAVAIAKPC[339]K	1
IFNA6_HUMAN (P05013) Interferon alpha-6 precursor (Interferon alpha-K) (LeIF K) (Interferon alpha-54) [MASS=22140]	0.00	8.99	1.53	0.00	1	1	2	M[147]ALPFALLMALVVLSC[339]K	1
IGHD_HUMAN (P01880) Ig delta chain C region [MASS=42125]	0.00	12.27	0.75	0.00	1	2	3	LM[147]ALREPAQAQAPVK	1
							3	DNSPVVLAC[339]LITGYHPTSVTVTWYMGTSQSPQR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	9.05	0.54	0.24	7	2	3	EKDTATLNC[339]QSSGSKPAAR	1
							2	EKDTATLNC[330]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	2
							2	EDDGASIVC[339]SVNHESLK	1
							3	EKDTATLNC[330]QSSGSKPAAR	2
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.98	3.10	0.36	0.00	1	1	2	LQAQDAGIYEC[330]HTPSTDTR	1
							3	KWKSSFQHHHLR	11
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	*	16.46	*	*	*	2			
							3	DFSSMRTNIGM[147]PGRM	1
IL2RB_HUMAN (P14784) Interleukin-2 receptor beta chain precursor (IL-2 receptor) (P70-75) (p75) (High affinity IL-2 receptor subunit beta) (CD122 antigen) [MASS=61117]	0.00	7.99	1.26	0.00	1	2	3	LPLLILLPLATSWASAAVNGTSQFTC[330]FYNSR	1
							2	EAGEEVPDAGPR	4

IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	1.00	11.08	1.83	0.01	2	4	2	ANC[339]SDNEFTQALTAIIPPELTR	1
							2	VQAAQSEAKVVSQYHELVVQAR	1
							2	RLSQEQVDNFTLDINTAYAR	1
							2	LLSYASYC[339]IEHGDLELAAK	1
							3	RNGSGVFISDIVK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	4.72	*	*	*	5	3	EELVDEPFLDLGKSFHSQQK	1
							3	MKLQEKGDTSQNEK	1
							2	NC[330]GNSVRMLVAR	1
							3	DPAGDISVTPPAPAALPVALPTVASK	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	1.97	1.08	0.00	1	1	3	IC[339]LAWKTDTWLWLR	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	0.00	8.45	*	*	*	5	3	HM[147]KQLGAGDVDRWR	1
							3	M[147]NKSENLFFAGSSLASQVHAAAVNGDKGALQR	1
							2	NFSYNLQSATQPK	1
							2	IPLHWAANHKDPSAVHTVR	1
							2	HRSPKC[330]LALLLK	1
IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	*	3.40	*	*	*	1	2	ASLSLETSESSQEA	1
IPKG_HUMAN (Q9Y2B9) cAMP-dependent protein kinase inhibitor gamma (PKI-gamma) [MASS=7910]	0.00	21.05	5.39	0.00	1	1	3	M[147]M[147]EVESYSDFISC[339]DR	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	0.00	5.01	0.90	0.00	1	3	2	TM[147]GFC[330]YQILTEPNADPRK	1
							1	AAHESK	1
							3	LLEVILQC[330]KGRGIDQC[339]IPLFVEAALER	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	0.00	3.81	1.33	0.00	1	3	2	EEVVTKIRANQQLEK	1
							2	RQNIAYEYLC[339]HLEEAQR	1
							3	EIEDIIEEVTVGYIRENIWSASELLLR	1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	2.01	*	*	*	1	3	GLDSC[339]LSFLDKK	1
IRK13_HUMAN (O60928) Inward rectifier potassium channel 13 (Potassium channel, inwardly rectifying subfamily J member 13) (Inward rectifier K(+) channel Kir7.1) [MASS=40529]	*	6.67	*	*	*	1	3	GEYQIKMENFDKTVPEFPTPLVSK	1

IRK14_HUMAN (Q9UNX9) ATP-sensitive inward rectifier potassium channel 14 (Potassium channel, inwardly rectifying subfamily J member 14) (Inward rectifier K(+) channel Kir2.4) (IRK4) [MASS=47845]	0.00	2.98	2.67	0.00	1	1	2	YLSDLFTTC[339]VDVR	1
IRK6_HUMAN (P48051) G protein-activated inward rectifier potassium channel 2 (GIRK2) (Potassium channel, inwardly rectifying subfamily J member 6) (Inward rectifier K(+) channel Kir3.2) (KATP-2) (BIR1) [MASS=48451]	0.00	5.44	2.16	0.00	1	1	2	EELEIVVILEGM[147]VEATGM[147]TC[339]QAR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	*	1.94	*	*	*	1	3	DGGGGGEFYGYMTM[147]DRPLSHC[339]GRSYR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	0.00	5.26	0.70	0.00	1	4	2	NNELIC[330]PR	1
							3	GPYGKMHINKC[339]AMC[330]QSIFDR	1
							2	EEKGKVEAEK	1
							2	FFQSLDGIMFINKC[330]ATC[330]K	1
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	0.00	26.25	0.71	0.00	1	2	1	AIVKSGGK	1
							2	C[330]AFC[330]KAIVKSGGK	1
ITA11_HUMAN (Q9UKX5) Integrin alpha-11 precursor [MASS=133609]	*	4.79	*	*	*	3	3	C[339]PVIHGNC[330]TKLNLGRVTLNSVSR	1
							2	LGFFRSAR	1
							3	VMIVITDGESHDSPLEKVIQQSER	1
							3	QHNSC[339]TTENKNEPC[339]GAR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	0.00	11.21	1.23	0.00	1	7	2	SIASEPTEKHFFNVSEDELALVTIVK	1
							3	C[339]PVGRGESLPC[339]VKLDLPVNTSIPNVTEVK	1
							2	NC[330]HM[147]EGK	1
							3	DSC[330]ESNHNITC[330]KVGYPFLR	1
							2	SQNDKFNVSLTVKNTK	1
3	KVM[147]VIVTDGESHDNHR	1							
ITA2B_HUMAN (P08514) Integrin alpha-IIb precursor (Platelet membrane glycoprotein IIb) (GPIIb) (CD41 antigen) [Contains: Integrin alpha-IIb heavy chain; Integrin alpha-IIb light chain] [MASS=113390]	0.00	2.12	0.53	0.00	1	1	3	TPVSC[330]FNIQM[147]C[330]VGATGHNIPQK	1

ITA2_HUMAN (P17301) Integrin alpha-2 precursor (Platelet membrane glycoprotein Ia) (GPIa) (Collagen receptor) (VLA-2 alpha chain) (CD49b antigen) [MASS=129295]	*	1.61	*	*	*	1	2	GILGQHGFLEGGEGIENTR	1
ITA6_HUMAN (P23229) Integrin alpha-6 precursor (VLA-6) (CD49f antigen) [Contains: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain] [MASS=126618]	0.00	2.39	1.06	0.00	1	1	3	EDQWMGVTVQSQGGKVVTC[330]AHRYEK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	0.00	3.87	0.78	0.00	1	2	3	PEAVNM[147]SLGLTLAASTNGSRLAC[339]GPTLHR	1
							2	SPMLDC[330]SIADC[330]LQFR	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	12.92	*	*	*	2	2	EFVAGFVQFR	1
							3	NGVVYQTFCC[339]DM[147]TSGGGWTLVASVHENDMRGK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.96	13.71	1.54	0.00	1	4	3	IGHFQLMQGKMADM[147]YTR	1
							2	MADMYTRLMAC[339]R	1
							2	AC[339]DEGHC[339]TAK	1
							2	GITAFIVEKGMFGFSTSKK	1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	*	0.83	*	*	*	1	3	EFGSGFPVSDSKR	1
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	*	4.52	*	*	*	3	2	AGGC[330]GHDEC[330]DTYVRVC[330]LK	1
							2	RADEALPGPAGHA AVR	1
							2	ARAGGDQDPGLVVPFQFAWPR	1
JARD2_HUMAN (Q92833) Jumonji protein (Jumonji/ARID domain-containing protein 2) [MASS=138734]	*	2.09	*	*	*	2	1	PQSPPKK	1
							2	TVQSQGFVVC[330]FPGSFVSK	1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	0.00	7.49	0.78	0.00	1	5	3	FNLM[147]LM[147]EC[339]SIC[330]NEIHPGC[339]LKIK	1
							2	PPGIC[339]ER	1
							2	QTEATNAIAEM[147]KYPKVK	1
							3	PTVVDLVDVVDNMWPQHLKEKQTEATNAIAEM[147]K	1
							3	EVWMAVFSYLSHQDLC[339]VC[339]M[147]R	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	2.72	*	*	*	3	3	RNSPSPWLHQPTVTSADGIGLLSHIPVRPSSAEPHR	1
							3	SGRTM[147]PNILDDIIASVVENKIPPSK	1
							2	MNISLWK	1

JPH2_HUMAN (Q9BR39) Junctophilin-2 (Junctophilin type 2) (JP-2) [MASS=74221]	*	2.59	*	*	*	1	2	QKVEHSVEGAQRAAAIAR	1
JUNB_HUMAN (P17275) Transcription factor jun-B [MASS=35879]	0.00	14.70	1.37	0.00	1	2	2	QKVMTHVSNGC[330]QLLLGVKGFHAF	1
							2	MEQPFYHDDSYTATGYGRAPGGLSLHDYK	1
							2	RVAEAHVPNFIFDEFR	1
							2	NLGMVC[339]R	10
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.98	37.41	0.00	1	2			
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	0.00	5.14	0.78	0.00	1	6	2	RSSLSSHSQSIYR	1
							3	C[330]SSM[147]SSLSR	1
							2	YWC[339]DAEYDAYRREHSFAGDR	1
							2	TEAYEYAQSLGAETC[330]PLPSFQVFK	1
							3	NGLWGHALLLASKMDSRTHAR	1
							2	TVQAAPPALPGPPGAPVNM[147]YSRR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	*	1.42	*	*	*	1	2	SLC[330]ARFDLSQLAK	1
K1045_HUMAN (Q9UPV7) Protein KIAA1045 [MASS=45191]	1.00	9.75	0.78	0.13	2	3	2	QTVEQVQKVS LAVSAFK	1
							2	VFHDGC[330]LR	1
							2	VIPDC[330]SLTLEDFLR	1
K1219_HUMAN (Q86X10) Protein KIAA1219 [MASS=166797]	*	3.55	*	*	*	3	2	RSSINILLSLLPLPHFGTVK	1
							2	EVPVIFIHPLNTGLFR	1
							2	RAISSVC[339]TYIVYQC[339]SR	1
K1267_HUMAN (Q7Z3B3) Protein KIAA1267 [MASS=120965]	*	9.05	*	*	*	4	2	LNLVSSSDGTC[339]VAARTRPVLSC[330]K	1
							1	DRHKLVSFLTTAK	1
							3	FKLAPPSTLSPGSAENNGNANILIAANGTKR	1
							2	PVNGVINTLQPV LADHIPGDSSDAEEQLHK	1
K1C10_HUMAN (P13645) Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) [MASS=59518]	0.99	8.43	0.31	0.15	2	2	2	YC[330]VQLSQIQAQISALEEQLQQR	2
							2	NVSTGDVNVEMNAAPGVDLTQLLNMR	1
K2C1_HUMAN (P04264) Keratin, type II cytoskeletal 1 (Cytokeratin-1) (CK-1) (Keratin-1) (K1) (67 kDa cyokeratin) (Hair alpha protein) [MASS=65886]	0.99	6.22	0.68	0.00	1	2	3	DYQELM[147]NTKLALDLEIATYR	1
							2	FSSC[330]GGGGGSGFAGGGFGSR	1

K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	0.93	5.23	1.22	0.00	1	2	2	KFTTDDSIK[330]VLGISK	1
							3	THSINALLIIGGFEAYLGLLELSAAR	2
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.94	33.96	0.63	0.00	1	2	2	DSTYLSSTLTLSKADYEK	1
							2	VYAC[330]EVTHQGLSSPVTK	1
KAD4_HUMAN (P27144) Adenylate kinase isoenzyme 4, mitochondrial (EC 2.7.4.3) (Adenylate kinase 3-like 1) (ATP-AMP transphosphorylase) [MASS=25268]	0.98	20.18	1.28	0.03	2	2	3	SRGVLHQFSGTETNK	1
							3	TLGQAEALDKIC[339]EVDLVISLNIPFETLKDR	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	9.00	0.90	0.05	14	3	3	MC[339]DPGMTAFEPEALGNLVEGLDFHR	1
							3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	STVASC[339]M[147]HR	2
							2	QETVDC[339]LKK	1
							2	STVASC[330]MHR	2
							1	QETVDC[330]LKK	1
							2	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	2
							2	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
2	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1							
1	STVASC[339]M[147]HR	1							
2	STVASC[339]MHR	1							
3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1							
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	15.66	0.89	0.05	4	5	2	ITAHEALK	1
							3	NFSVGRQTTAPATMSTAASGTTM[147]GLVEQAKSLLNK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							3	QWPPPC[339]PSPTIPGPLTPSRKQEIK	1
							2	LC[339]TGHEYAAK	1
							2	LC[330]TGHEYAAK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1

KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	5.01	0.81	0.08	2	1	2	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
KCMB3_HUMAN (Q9NPA1) Calcium-activated potassium channel subunit beta 3 (Calcium-activated potassium channel, subfamily M subunit beta 3) (Maxi K channel subunit beta 3) (BK channel subunit beta 3) (Slo-beta 3) (K(VCA)beta 3) (Charybdotoxin receptor subu [MASS=31603]	*	9.32	*	*	*	2	3	HRTAFPASGKK	1
							2	VPYIEQHQQFKLC[339]IM[147]R	1
KCNA4_HUMAN (P22459) Potassium voltage-gated channel subfamily A member 4 (Voltage-gated potassium channel subunit Kv1.4) (HK1) (HPCN2) (HBK4) (HUKII) [MASS=73288]	0.00	4.13	1.26	0.00	1	1	3	SSTSSSLGDKSEYLEMEEGVKESLC[339]AK	1
							2	FC[339]TGLTQIETLFK	4
							2	FC[330]TGLTQIETLFK	4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	23.62	0.76	0.09	14	5	1	FC[339]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	3
							2	LGFSEVELVQMVDGVK	1
							3	DYEFMWNPHLGYILTC[330]PSNLGTGLRAGVHIK	1
							3	TFLVWVNEEDHLRVISMQK	1
							2	GFC[339]LPPHC[339]SR	2
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	19.33	*	*	*	4	2	IGRSEVELVQIVIDGVNYLVDC[330]EKK	1
							2	LGYILTC[330]PSNLGTGLR	1
							2	LGYILTC[339]PSNLGTGLR	2
							3	MASIFSKLLTGRNASLLFATMGTSVLTTGYLLNR	1
							1	LSKDPR	1

								2	HNNC[330]M[147]ASHLTPAVYAR	1
								2	SEVELVQLVIDGVNYLIDC[330]ER	1
								3	HNNC[339]M[147]ASHLTPAVYAR	1
								2	HNNC[330]MASHLTPAVYAR	1
								2	HNNC[339]MASHLTPAVYAR	1
								3	HNNC[330]M[147]ASHLTPAVYAR	1
								3	SEVELVQLVIDGVNYLIDC[330]ER	4
KGRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.82	0.11	22	2	2	2	SEVELVQLVIDGVNYLIDC[339]ER	4
								3	SEVELVQLVIDGVNYLIDC[339]ER	4
								2	HNNC[339]M[147]ASHLTPAVYAR	4
KE4_HUMAN (Q92504) Zinc transporter SLC39A7 (Solute carrier family 39 member 7) (Histidine-rich membrane protein Ke4) [MASS=50118]	0.00	7.04	1.45	0.00	1	1	3	3	GLGILTTM[147]TVLLHEVPHEVGDFAILVQSGC[339]SKK	1
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	0.00	2.84	0.39	0.00	1	1	3	3	YLYM[147]LMEAC[330]LGELWTLR	1
KGUA_HUMAN (Q16774) Guanylate kinase (EC 2.7.4.8) (GMP kinase) [MASS=21594]	*	6.63	*	*	*	1	2	2	QRNTEEESLVKR	1
								2	C[330]APMSDLTDLKSLPDTLMKDTAR	1
								2	GHEESM[147]TNDK	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	3.93	*	*	*	6	3	3	PKSGGSGHAVAEPASPEQELDQNK	1
								2	SGLQTDYATEKESADGLQGETQLLVSR	1
								2	ELFQTPGPSEESM[147]TDEKTTKIAC[330]K	1
								3	M[147]PC[339]ESSPPESADTPTSTR	1
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Kip) [MASS=204431]	*	1.98	*	*	*	2	3	3	VTGIYELSLC[339]KMSDTGSPGM[147]QRR	1
								1	IMSTPGGEEAIER	1
								2	IMSTPGGEEAIER	1

KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	*	5.44	*	*	*	3	2	PPGPRYPYTTPPRM[147]R	1
							2	GSLRVREHPILGPYVQDLSK	1
							2	ELLM[147]AQGLSASALEGLKTEEGSVR	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	0.00	3.53	0.24	0.00	1	1	3	IVAGVAAATTTLLM[147]VITGVALC[339]C[339]WR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin- dependent protein kinase kinase beta) (CaM- kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	5.44	*	*	*	1	3	LVEVLDDPNEDHLYMVFELVNQGPVM[147]EVPTLK	1
KLDC5_HUMAN (Q9P2K6) Kelch domain- containing protein 5 [MASS=56867]	*	6.93	*	*	*	2	3	LNNC[330]LEM[147]YRLAQVYGLPDLQEAC[339]LR	1
							2	M[147]SAEEM[147]VQIR	2
KLF11_HUMAN (O14901) Krueppel-like factor 11 (Transforming growth factor-beta-inducible early growth response protein 2) (TGFB- inducible early growth response protein 2) (TIEG-2) [MASS=55139]	*	5.27	*	*	*	1	3	AKGTSVIRHTGESPAAC[330]FPTIQTPDC[339]R	1
KLH17_HUMAN (Q6TDP4) Kelch-like protein 17 (Actinfilin) [MASS=69874]	*	6.07	*	*	*	2	3	EIRAHKVVLASC[330]SPYFHAM[147]FTNEM[147]SESR	1
							3	M[147]QPRSERPAGR	1
KLH20_HUMAN (Q9Y2M5) Kelch-like protein 20 (Kelch-like ECT2-interacting protein) (Kelch- like protein X) [MASS=67541]	0.00	11.42	1.11	0.00	1	3	3	C[339]TNIRPGETGM[147]DVTSRC[339]TLGDPNK	1
							3	PGETGMDVTSRC[339]TLGDPNKLPEGVPQPAR	1
							3	YDPQTNEWRMVASMSK	1
KLH23_HUMAN (Q8NBE8) Kelch-like protein 23 [MASS=63923]	*	1.43	*	*	*	1	1	FLFILSRK	1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	*	5.05	*	*	*	1	3	EGLKVYLKGKHALGR	1
KLKB1_HUMAN (P03952) Plasma kallikrein precursor (EC 3.4.21.34) (Plasma prekallikrein) (Kininogenin) (Fletcher factor) [Contains: Plasma kallikrein heavy chain; Plasma kallikrein light chain] [MASS=71369]	0.00	3.45	0.53	0.00	1	1	3	GVDMRGVNFNVSQVSSVEEC[330]QK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	3.49	*	*	*	3	2	IQNSSGTDYPDIHAAAKEIAEVNEINLEK	1
							2	SGTEAVLIAHKLNTEEYLRVIGK	1
							3	LSEDSVSVLVLRC[330]LTEALPENRLSR	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.77	4.32	1.06	0.00	1	2	2	C[339]DTC[339]DM[147]NVHK	1
							3	TTRNDFM[147]GSLSFVSELM[147]K	1
KPCT_HUMAN (Q04759) Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) [MASS=81864]	0.00	12.32	2.43	0.00	1	4	3	NVDLISETTVELYSLAERC[339]R	1
							3	REPQGISWESPLDEVK	1
							3	PTMYPPWDSTFDAHINKGRVM[147]QIIVK	1
							3	ENLFFVMEYLNNGDLMYHIQSC[339]HK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	5.66	0.74	0.09	5	2	2	NTGIIC[339]TIGPASR	1
							2	NTGIIC[330]TIGPASR	1
							2	AGKPVIC[339]ATQM[147]LESM[147]IK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	2
KR106_HUMAN (P60371) Keratin-associated protein 10-6 (Keratin-associated protein 10.6) (High sulfur keratin-associated protein 10.6) (Keratin-associated protein 18-6) (Keratin-associated protein 18.6) [MASS=36782]	0.00	4.93	3.95	0.00	1	1	3	M[147]AASTMSVC[339]SSDLSYGSR	1
KR134_HUMAN (Q3LI77) Keratin-associated protein 13-4 [MASS=17755]	0.00	8.75	0.79	0.00	1	1	2	YGGC[330]GFPSLSYGSR	1
KREM1_HUMAN (Q96MU8) Kremen protein 1 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 1) (Dickkopf receptor) [MASS=51898]	0.00	3.16	0.81	0.00	1	1	3	TSNKLTIQTC[330]ISFC[330]R	1
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]	*	5.85	*	*	*	1	3	SNGGC[339]SIVGTGELYVPC[339]EPQGLLSC[330]GSGRK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	0.00	3.45	0.37	0.00	1	1	2	LDNSRDLNM[147]DC[339]MVAEIK	1

KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	*	2.05	*	*	*	1	2	ATDTEYAVKIIDKSK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	0.00	11.82	4.86	0.00	1	4	2	SKPLNLKIHSSVGSC[330]ENIPSQQR	1
							3	EISDILLFC[339]WAFEQEERPTFTK	1
							3	EEC[330]ARLNASLSC[339]LRNVHM[147]SGGNLSK	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	4.93	0.72	0.17	2	3	2	HIHKDHVVVPANTTSVILSGLR	1
							2	C[330]EASGKPEVQFR	1
							3	ETVKPVEVEEGESVVLPC[330]NPPPSAEPLR	1
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.89	14.29	1.16	0.00	1	1	2	SYSC[339]QVTHEGSTVEK	1
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	0.00	6.25	0.70	0.00	1	2	2	VTKAFSVNIFKVVVQAFK	1
							2	C[330]NAEEHVR	1
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	1.00	5.51	1.60	0.00	2	1	2	IPQSHIQQIC[339]ETILTSGENLAR	1
							2	IPQSHIQQIC[330]ETILTSGENLAR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	10.00	2.77	0.00	1	2	3	GLLRKGYGIC[330]HG TAGNGYSFSLYR	1
							2	LVHWC[339]HGAPGVIHM[147]LMQAYK	1
LAT2_HUMAN (Q9UHI5) Large neutral amino acids transporter small subunit 2 (L-type amino acid transporter 2) (hLAT2) [MASS=58381]	0.76	2.80	0.49	0.00	1	1	2	C[330]FSDFIELLTLVSQK	1
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	*	6.28	*	*	*	4	2	EQMAAAAARPINASMK	1
							3	QVRNPPKFGTHHK	1
							2	DNLYFVM[147]DYIPGGDMMSLLIR	1
							2	KQLENEM[147]MRVGLSQDAQDQMR	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	0.00	3.77	0.32	0.00	1	1	3	LGIPPEC[330]ILLVTQRITK	1
LBH2_HUMAN (P08910) Abhydrolase domain-containing protein 2 (Protein PHPS1-2) [MASS=48315]	0.00	7.29	1.60	0.00	1	2	2	EYEEESC[339]MR	1
							2	SPTAPPDLYFQDSGLSRFLK	1

LCB2_HUMAN (O15270) Serine palmitoyltransferase 2 (EC 2.3.1.50) (Long chain base biosynthesis protein 2) (LCB 2) (Serine-palmitoyl-CoA transferase 2) (SPT 2) [MASS=62924]	0.00	7.65	1.71	0.00	1	2	3	EM[147]GFIIYGNEDSPVVPLM[147]LYM[147]PAK GC[339]LILSDELNHASLVLGAR	1 1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	0.00	9.04	6.65	0.00	1	3	1 TAGRLAR 3 VLVLGGRLSPVSPALGVLQLHFFKSEDNNTEDLK 3 AVRHC[339]VRAFLEQIGAPQAALR	1 1 1	
LDB1_HUMAN (Q86U70) LIM domain-binding protein 1 (Carboxyl-terminal LIM domain-binding protein 2) (CLIM-2) (LIM domain-binding factor CLIM2) [MASS=42809]	0.00	12.53	0.99	0.00	1	2	3 LYLEFMFDDMMRIKTWHFSIR 3 C[339]GLSNSTLNYLRLC[339]VILEPM[147]QELMSR	1 1	
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	11.45	*	*	*	3	2 VIGSGC[339]NLDSAR 3 LKGETM[147]DLQHGSPPFM[147]K 2 VIGSGC[330]NLDSAR 1 DLNPDIGTDK	1 1 1 1	
LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	1.00	8.16	0.52	0.08	2	1	2 GLYGIKDDVFLSVPC[330]ILGQNGISDLVK 3 GLYGIKDDVFLSVPC[330]ILGQNGISDLVK	1 1	
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	11.71	0.61	0.15	4	2	2 GM[147]YGIENEVFLSLPC[339]ILNAR 2 LKGEM[147]M[147]DLQHGSFLQTPK 2 GM[147]YGIENEVFLSLPC[330]ILNAR	1 1 2	
LDHC_HUMAN	0.00	4.23	*	*	*	1	2 GMYGIENEVFLSLPC[339]ILNAR 2 SAETLWNIQKDLIF	1 1	
LEF1_HUMAN (Q9UJU2) Lymphoid enhancer-binding factor 1 (LEF-1) (T cell-specific transcription factor 1-alpha) (TCF1-alpha) [MASS=44200]	*	4.76	*	*	*	1	2 EKLQESASGTGPRM[147]TAAYI	1	
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.98	27.61	0.68	0.00	1	2	2 FPNRLNLEAINYMAADGDFKIK 2 FNAHGDANTIVC[330]NSK	1 1	

							3	TIIKGYVPPTGK	5
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	*	6.19	*	*	*	2			
							2	KRSMPFK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	5.82	1.40	0.06	2	2	2	PQLVALC[330]KLELQSIGTNNFLR LFEDELTDNLTRPQLVALC[339]K	1 2
LGI1_HUMAN (O95970) Leucine-rich glioma-inactivated protein 1 precursor (Epitempin-1) [MASS=63818]	0.00	8.62	0.20	0.00	1	3	2	TPQTLRTPHLILSSSSQR DFDC[330]IITEFAK FQELNVQAPRSFTHVSINK	1 1 1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	*	4.47	*	*	*	1	3	YIGDSM[147]VM[147]RWDGSMFRLQLPSR	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	*	6.30	*	*	*	1	2	PSGALGNFSLEHGGLAGPEQYREL	1
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	*	2.43	*	*	*	2	2	VMGWVSLGLK SYFM[147]ESLVDARM[147]LDHLNK	1 1
LIPB2_HUMAN (Q8ND30) Liprin-beta-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2) (PTPRF-interacting protein-binding protein 2) [MASS=98444]	*	8.33	*	*	*	4	3	AQKKLSC[330]SLEDLR DLEVC[330]LEGHQVKNAAEEM[147]LQQELLSR TQSGNFYDTLGM[147]AEFRR LSC[330]SLEDLRSESVDK	1 1 1 1
LIS1_HUMAN (P43034) Platelet-activating factor acetylhydrolase IB subunit alpha (PAF acetylhydrolase 45 kDa subunit) (PAF-AH 45 kDa subunit) (PAF-AH alpha) (PAFAH alpha) (Lissencephaly-1 protein) (LIS-1) [MASS=46506]	0.00	11.49	1.04	0.00	1	2	3	MWDVSTGMC[339]LM[147]TLVGHDNWVR DKTIKM[147]WDVSTGMC[339]LMTLVGHDNWVR	1 1
LMO4_HUMAN (P61968) LIM domain transcription factor LMO4 (LIM domain only protein 4) (LMO-4) (Breast tumor autoantigen) [MASS=17994]	*	24.85	*	*	*	2	2	C[339]SC[330]C[339]QAQLGDIGTSC[330]YTK LFGNSGAC[330]SAC[339]GQSIPASELVM[147]R	1 1

LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.99	7.07	1.05	0.00	1	4	3	GPTEAVGNFLYNLIDSMDSSEVQAKEEHLR	1
							3	AKYESDMVTGGYAALINLC[339]C[339]RHDK	1
							2	QLILVLC[339]SEENM[147]QKALELK	1
							2	C[339]GAIAEQTPILLFLLR	1
LRP16_HUMAN (Q9BQ69) Protein LRP16 [MASS=35505]	0.00	11.08	1.78	0.00	1	2	3	LEVDAIVNAANSLLGGGGVDGC[339]IHR	1
							2	SRLPHYFPVA	1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	2.89	*	*	*	7	3	GMMYWTVVGDHSHIEEAM[147]DGTLRRLVQK	1
							3	RGHKNDATETITM[147]R	1
							3	KC[330]IPM[147]DLQC[339]DRLDDC[330]GDGSDEQGC[339]R	1
							2	NKTSGVVHMKVYDK	1
							2	C[339]PLNHAC[330]LGTNK	1
							3	KC[330]IPMDLQC[330]DRLDDC[339]GDGSDEQGC[330]R	1
							3	DEFHC[330]DSSC[339]SWNQFAC[339]SAQK	1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	2.34	*	*	*	5	2	PGKRC[339]AAEGSSPLLLLDPDNR	1
							2	DNDC[330]GDMSDEKDC[339]PTQPFRR	1
							3	C[339]PSGYTGKYC[330]EMAFSK	1
							3	M[147]ILVHQLSHPWGIHVHDSFLYTTDEQYEVIER	1
							3	ANKYDGGSGIAMTTNLLSQPR	1
LRRC2_HUMAN (Q9BYS8) Leucine-rich repeat containing protein 2 [MASS=42943]	0.00	5.39	0.23	0.00	1	1	3	LDC[330]SGNLELMELPFELSNLK	1
LRRC7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	*	2.02	*	*	*	1	2	MLGPEHGM[147]SSM[147]SRSQSVPLDDEMLTYGSSK	1
							1	STSLKVK	7
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	0.99	*	*	*	1			
LRSM1_HUMAN (Q6UWE0) Ubiquitin ligase protein LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) (hTAL) [MASS=83593]	0.00	1.94	1.43	0.00	1	1	3	TC[339]PLC[339]RQDIAQRLR	1
LRTM3_HUMAN (Q86VH5) Leucine-rich repeat transmembrane neuronal protein 3 precursor [MASS=65896]	0.00	11.36	6.29	0.00	1	2	3	C[339]EGKM[147]VYC[339]ESQKLQEIPISSISAGC[330]LGLSLR	1
							3	MGFNVIRLLSGSAVALVIAPTPLLTM[147]LSSAERGC[339]PK	1
							3	M[147]GFNVIRLLSGSAVALVIAPTPLLTM[147]LSSAERGC[339]PK	2

LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	15.38	0.56	0.50	3	3	3	IQKVDVYDEGSYTC[330]SVQQTQHEPK	1
							2	VDVYDEGSYTC[330]SVQQTQHEPK	1
							2	EQSGKYEC[330]K	1
LSP1_HUMAN (P33241) Lymphocyte-specific protein 1 (Protein pp52) (52 kDa phosphoprotein) (Lymphocyte-specific antigen WP34) (47 kDa actin-binding protein) [MASS=37191]	0.00	4.42	0.41	0.00	1	1	2	TPSC[339]KDIVAGDM[147]SKK	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	3.84	*	*	*	2	3	DC[339]QLPESPAERAPERR	1
							2	GAAGGLAPEM[147]RGAGAAGLLALLLLLLLLLLLGLGGR	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	2.20	*	*	*	1	2	SLEC[330]LRPPQPQELSPEKLK	1
LV1E_HUMAN (P01703) Ig lambda chain V-I region NEWM [MASS=10904]	*	13.59	*	*	*	1	3	LLIFHNNARFSVSK	1
LV4B_HUMAN (P01716) Ig lambda chain V-IV region X [MASS=11334]	0.00	23.58	0.15	0.00	1	1	2	YDLTQPPSVSVSPGQTASITC[330]SGDK	1
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.00	7.86	0.71	0.00	1	1	2	M[147]C[330]ASSC[330]DFVKR	1
LY96_HUMAN (Q9Y6Y9) Lymphocyte antigen 96 precursor (MD-2 protein) (ESOP-1) [MASS=18446]	0.23	23.75	0.58	0.00	1	2	2	QYWVC[330]NSSDASISYTYC[330]DK	1
							2	QLYFNLYITVNTM[147]NLPKRK	1
LYAR_HUMAN (Q9NX58) Cell growth-regulating nucleolar protein [MASS=43614]	*	6.07	*	*	*	2	3	AILKQAPDNEITIK	1
							2	KAKFQNWWMK	1
							3	QK GKASVQAINVFHPATYFGM[147]DVSAVEDPVQR	1
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	*	2.45	*	*	*	4	3	EDAFISSC[339]ESAKTVC[339]EMEAVLSAQVSVSDVPK	1
							2	LTVLAVNR	1
							2	TVLHLLSVDVSTAEM[147]M[147]PENLR	1
LYZL4_HUMAN (Q96KX0) Lysozyme-like protein 4 precursor [MASS=16433]	*	24.66	*	*	*	2	2	C[330]HMSC[330]SALLNPNLEK	1
							3	C[330]HM[147]SC[330]SALLNPNLEKTIKC[330]AK	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.97	11.18	1.79	0.01	2	2	2	GC[339]IPTM[147]AR	2
							3	SVKFLFGGLAGM[147]GATVFVQPLDLVKNR	1

M3K13_HUMAN (O43283) Mitogen-activated protein kinase kinase kinase 13 (EC 2.7.11.25) (Mixed lineage kinase) (MLK) (Leucine zipper-bearing kinase) [MASS=108295]	*	10.25	*	*	*	4	3 2 2 2	LAEKLLDLLSQTPEIPIDISSHSDGLSDKEC[339]AVR ANNLYMELSAIMLQLEM LERANNLYMELSAIMLQLEM[147]R PDLLRSEGIPTTEVAPTASPLSGSPK	1 1 1 1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	7.07	2.19	0.00	1	4	2 1 3 2	PTDTPSYFNGVKVQIQLNGEHLHIR HGQLENRP AEELMAC[339]AGLTSPRIVPLYGAVR TWAARGSRSR	1 1 1 1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	2.01	1.16	0.00	1	7	2 2 2 2 2 2 3	M[147]FQKEQVDPLQMK AREGLDKLVSDANEQYK LYEGKMSQNFHTSYAETLGK EAQTLC[330]DELSVLIGEYQYK WHVVSSKM[147]EER TGSLEEM[147]TQRLREFQESFK LIIEM[147]LEREK	1 1 1 1 1 1 1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	0.62	*	*	*	2	2 2	ALFLPATTEILSWKK DDHKESQEAQNIAGGSM[147]M[147]M[147]SEK	1 1
MAOM_HUMAN (P23368) NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Malic enzyme 2) [MASS=65443]	0.35	9.93	0.87	0.00	1	2	2 3	LYPPLANIQEVSNIAIKVTEYLYANKM[147]AFR C[339]LPVC[339]IDVGTDNIALLKDPFYM[147]GLYQK	1 1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	1.00	8.61	1.71	0.01	2	2	2 2 3	FGINC[330]LIQFEDFANANAFR FGINC[339]LIQFEDFANANAFR LSNHVVFVQGAGEAAMGIAHLLVM[147]ALEKEGVPK	1 1 1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	0.96	1.21	0.57	0.00	1	2	3 2	SXTSQVTPAEKDGHSPPMSK SIEEAC[330]LTLQHLNR	1 1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	1.00	4.32	1.13	0.06	2	4	2 2 2 3	EEFVETC[330]PSEHK TDSQLEDLGYC[339]VFNK VKATGEESTQAEISC[330]ESPFLAK TGLPPVTDENHVIVKTDSQLEDLGYC[339]VFNK	1 1 1 1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	*	5.00	*	*	*	1	3	VDNFTQNPGM[147]FRIKGEQGAPGLQGHK	1

MARK4_HUMAN (Q96L34) MAP/microtubule affinity-regulating kinase 4 (EC 2.7.11.1) (MAP/microtubule affinity-regulating kinase-like 1) [MASS=82519]	0.00	12.77	0.96	0.00	1	5	3	VPPASPSHSLAPPSGERSR	1
							2	HSDFC[330]GPSPAPLHPKR	1
							1	KDSTSTPNLPPSM[147]M[147]TR	1
							2	DRRAGGGGGGGVQNGPPASPTLAHEAAPLPAGR	1
							2	PPEALM[147]AALR	1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	0.00	7.58	0.61	0.00	1	5	2	HLC[330]M[147]VMEYVEGGDC[330]ATLLK	1
							3	PRPGDLC[339]PPSKDGDASGPR	1
							3	VIKSASATALSVM[147]IPAVDPHGSSPLASPM[147]SPR	1
							3	AALSPVQEHEHGRRSSSGEAGTPLVPIVVEPAR	1
							2	WVLEVVEERTTSLGPR	1
MAST2_HUMAN (Q6P0Q8) Microtubule-associated serine/threonine-protein kinase 2 (EC 2.7.11.1) [MASS=196434]	0.00	1.06	*	*	*	2	2	YIVSQLGLTR	1
							3	GSFC[330]RTSNR	1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.00	1.30	*	*	*	1	2	ATGTFDNEIVMM[147]NHVYR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.23	5.08	0.41	0.00	1	3	2	C[330]VKVDLSEK	1
							1	KDGSASAAK	2
							3	MKSQAFIEMETREDAMAM[147]VDHC[330]LK	1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	0.00	5.12	0.16	0.00	1	2	3	SKVELTRYLGPAC[330]DLTLDFDK	2
							3	TLC[339]KDC[330]RAQR	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	1.00	7.99	2.23	0.01	2	2	2	GTHFVQLC[339]C[339]QR	1
							3	KQGTIFLAGPPLVKAATGEEVSAEDLGGADLHC[330]R	1
							2	GTHFVQLC[330]C[330]QR	1
MCLN2_HUMAN (Q8IZK6) Mucolin-2 [MASS=62684]	*	2.04	*	*	*	1	3	IGLKVC[330]KQHYYK	1
MCM3_HUMAN (P25205) DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (RLF subunit beta) (P102 protein) (P1-MCM3) [MASS=90980]	0.00	10.27	0.94	0.00	1	4	3	YVLC[339]TAPRAIPTTGRGSSGVLTAAVTTDQETGER	1
							2	VALLDVFREAHQAQSIGMNRLETESINR	1
							2	EHAQAQSIGMNR	1
							3	EISDHVLRMHR	1

								2	VAIHEAMEQQTISIAK	1
								1	YIIMR	3
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1-CDC46) [MASS=82285]	0.00	12.53	2.30	0.00	1	5		3	C[339]SVLAAANSVFGRWDETKGEDNIDFMPTILSR	1
								2	YIIMRSGAR	1
								3	NFIMEGGAMVLADGGVVC[339]DEFDKM[147]REDDR	1
MCM7_HUMAN (P33993) DNA replication licensing factor MCM7 (CDC47 homolog) (P1.1-MCM3) [MASS=81307]	0.00	4.45	2.03	0.00	1	3		2	FSEAEQR	1
								2	YIAM[147]C[339]R	1
								3	IAQPGDHVSVTGIFLPILR	1
MCR_HUMAN (P08235) Mineralocorticoid receptor (MR) [MASS=107067]	*	6.40	*	*	*	2		3	LKGIHEEQPQQQPPPPPPPPQSPEEGTTYIAPAK	1
								3	SFMSDSGSSVNGGVM[147]RAIVKSPIM[147]C[339]HEK	1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	*	3.02	*	*	*	2		3	APQAVPLEKSQASMVINSDDTDEEEVSAALTLAHLK	1
								2	VQGETQPQRLLLAEDSEEEVDFLSERR	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	0.00	8.90	1.27	0.00	1	4		2	EGDTLMLQC[339]LVTGHPRPQVR	1
								2	LSIRQLNQHNAVVKAIQVR	1
								3	SPNTGPPTDISGTPEGYYM[147]FIETSR	1
								2	VYTIREGDTLM[147]LQC[339]LVTGHPR	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	1.00	17.42	0.74	0.23	3	3		2	AIC[330]DHVR	2
								3	DQPIILVLLDITPM[147]M[147]GVLDGVLMEQDC[339]ALPLLK	1
								2	VIVVGNPANTNC[330]LTASK	1

								2	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
								2	TIIP LISQC[339]TPK	1
								1	GYLGPEQLPDC[339]LK	2
								2	SQETEC[339]TYFSTPLLLGK	3
								2	GYLGPEQLPDC[339]LK	2
								2	TIIP LISQC[330]TPK	1
								2	GYLGPEQLPDC[330]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.82	0.05	23	6		2	GC[330]DVVVIPAGVPR	1
								2	GC[339]DVVVIPAGVPR	3
								3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
								1	TIIP LISQC[339]TPK	2
								1	EGVVEC[330]SFVK	2
								2	EGVVEC[339]SFVK	2
								1	TIIP LISQC[330]TPK	1
								2	LRLLEEAQLQDLEK	1
								1	MKLRDLM[147]EAAFK	1
								2	MVAFNNQIDHEVTVEKKWGQK	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.09	*	*	*	7		3	LLQALHIDGPRSAQVAQSLLK	1
								1	ATNQDWM[147]LRVK	1
								3	GLSLDRAFSEAC[330]WEVYVC[339]SQHSPANR	1
								3	LVKVM[147]LDLQSYR	1
								1	NGGAKKK	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	2.34	*	*	*	2		3	ENVTMDEIEKAVKEANAYDFIMK	1
								2	LILQLC[330]IGNHDLFMR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	9.24	1.00	0.12	2	3		3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
								3	LILQLC[330]IGNHDLFMRRR	1

MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	1.00	6.47	1.43	0.03	4	4	2	VLPSTGHTTNC[339]FLR	1
							2	VLPSTGHTTNC[330]FLR	2
							2	C[330]NSIVTVKKNK	1
							2	RFEEC[339]ISQSAVK	1
							2	QVSTAMAEIIR	1
							2	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.81	0.03	10	2	2	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							2	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1							
MIF_HUMAN (P14174) Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) [MASS=12345]	0.00	7.89	1.22	0.00	1	1	2	LLC[339]GLLAER	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	1.00	2.43	0.99	0.02	2	1	2	AVLHPTGPLYC[330]PEEK	1
							2	AVLHPTGPLYC[339]PEEK	1
MK01_HUMAN (P28482) Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1) [MASS=41258]	0.98	3.34	*	*	*	1	2	ISPFHQTYC[330]QR	1
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.98	5.28	1.00	0.00	1	1	2	HENVIGIRDILRASTLEAMR	1

MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	*	6.14	*	*	*	2	2	VIHPSLKQFLNM[147]HR	1
							2	VIDSTVLPGLIEM[147]SEVQLM[147]R	1
MKLN1_HUMAN (Q9UL63) Muskelein [MASS=84767]	*	1.90	*	*	*	1	3	LERPAIVQNITFGK	1
MMAB_HUMAN (Q96EY8) Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial precursor (EC 2.5.1.17) (Cob(I)alamin adenosyltransferase) (Methylmalonic aciduria type B protein) [MASS=27388]	0.00	3.60	1.40	0.00	1	1	2	ISSALHFC[339]R	1
MMP17_HUMAN (Q9ULZ9) Matrix metalloproteinase-17 precursor (EC 3.4.24.-) (MMP-17) (Membrane-type matrix metalloproteinase 4) (MT-MMP 4) (Membrane-type-4 matrix metalloproteinase) (MT4-MMP) [MASS=67006]	*	2.64	*	*	*	1	3	VRTFPRDSPLGHDTV	2
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	1.00	10.28	1.56	0.06	3	3	3	LLQDSGAPDGLNIIHGQHEAVNFIC[330]DHPDIK	1
							2	AEM[147]DAAIASC[339]K	1
							2	AEM[147]DAAIASC[339]KR	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	1.00	4.86	0.84	0.00	2	1	2	FSDEGGFTC[339]FFR	1
							2	FSDEGGFTC[330]FFR	1
MOL2A_HUMAN (Q96BX8) Mps one binder kinase activator-like 2A (Mob1 homolog 2A) (MOB-LAK) (Protein Mob3A) [MASS=25464]	0.24	6.91	2.45	0.00	1	1	2	IAQMGSEAHVNTC[339]YK	1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	0.00	2.78	2.85	0.00	1	1	3	IEPDTTALSTNHETIDLLVQILRNC[339]LR	1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	0.00	2.34	0.68	0.00	1	1	2	QC[330]HMFTDQIKVLQQRILEM[147]JNDK	1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	0.00	3.42	2.02	0.00	1	2	2	SQC[339]PIGVFNGNGFKSGSMRLGK	1
							2	YLQSNSSSHTR	2
MPIP1_HUMAN (P30304) M-phase inducer phosphatase 1 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25A) [MASS=59086]	0.00	7.63	1.16	0.00	1	2	2	LLGC[339]SPALK	1
							3	M[147]GSSESTDSGFC[339]LDSPGPLDSKENLENPM[147]JRR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	0.00	2.13	0.96	0.00	1	3	2	VEGDNC[330]EVK	1
							3	SVISFVC[330]RPEAGPTNRPMLISLDK	1
							3	YYLQDGDLDVVVFASSSKC[339]GK	1
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma) [MASS=172517]	0.49	3.93	1.64	0.00	1	3	3	EQERLEAELAQEQESK	1
							2	EM[147]LKDPFVR	1
							3	LC[339]VGAAGGFALYPLLNEAAPLALGAGLVPEELPPSR	1
MRIP_HUMAN (Q6WCQ1) Myosin phosphatase Rho-interacting protein (Rho-interacting protein 3) (M-RIP) (RIP3) (p116Rip) [MASS=116445]	*	1.46	*	*	*	1	2	M[147]EVDRSPGLPMSDLK	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	*	5.39	*	*	*	2	3	LC[330]AIC[330]WLYWKK	1
							2	VGPRYQADIPEMLLEGESDER	1
							1	LC[339]SGVLGTVVHGK	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	15.51	1.58	0.05	5	3	3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	YC[339]GLC[339]DSIITIYR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[339]SGVLGTVVHGK	1
MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	*	1.67	*	*	*	1	2	DC[339]KVIRC[330]QFSTFEQC[330]QEWLK	1

MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	0.99	10.27	1.15	0.00	1	1	3	GEQILLSDNAASLAVQAFLQMC[330]NLPIK	1	
								2	VQLAGFHILEALRLHRTGYADHMGLTR	1
								2	AQLLHTC[330]TGPDLIVLQPRGPSVPSAGK	1
								2	RQFQVLDAPLLK	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	5.45	*	*	*	8	2	LDPDSAKPEKTHPHDAPP[330]K	1	
							3	RQFQVLDAPLLK	1	
							2	EGVLLSKAEK	1	
							3	DVGSEGKHVRPQIPGR	1	
							2	LHQLEMQLQEYEEK	1	
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	0.00	2.86	0.26	0.00	1	1	2	QDTLELESPSLTSTPVC[330]SQK	1	
							2	LITSQVFGKLISGDAEPTPEQEEK	1	
							3	LHNSPSAFNIYC[330]NVRHC[330]VLEWQKK	1	
							3	GASC[339]SAQGFYGLGNSKGDRGNISTSSK	1	
							2	TSSRPAMIGSLTDGSTETFWESGDEDK	1	
							3	SPVRC[339]ATTR	12	
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc- binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	4.57	*	*	*	10	2	IYTAALNDR	1	
							2	NRHSLEISSALNM[147]FNIAPHGPDISK	1	
							2	EFALMKTANGK	1	
							2	VTSM[147]TFLTGKAVEDLC[339]RIK	1	
							3	DTGAM[147]NQGGKGFVENM[147]ATAMDEDELEELDEKDEK	1	
							2	LDPHLVLDQLRC[339]NGVLEGIRIC[339]R	1	
MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	0.99	4.15	1.16	0.00	1	4	2	NILAEQLQAETELFAEAEEMR	1	
							2	IAEC[330]SSQLAEIEEEKAK	1	
							2	YEILTPNAIPKGF[147]DGKQAC[339]ER	1	
							2			

MYH4_HUMAN (Q9Y623) Myosin-4 (Myosin heavy chain, skeletal muscle, fetal) (Myosin heavy chain IIb) (MyHC-IIb) [MASS=223012]	*	1.65	*	*	*	3	3	LGEAEQLALKGGKK	1
							1	VKAYK	1
							3	RANLM[147]QAEVEELR	1
MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	*	9.18	*	*	*	1	3	MLDFETFLPILQHISRNK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	*	4.37	*	*	*	1	3	EEDC[330]FQILDDC[330]PPPPAPFPHRMVELR	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	0.00	1.78	0.46	0.00	1	4	2	TQRPTANSSYPYVEIALGDVAAQR	1
							2	RPDPHEEALM[147]ILK	1
							2	C[339]QVEGALLWEQEELSK	1
							2	M[147]ERC[330]NPLFMR	1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	0.00	3.60	1.12	0.00	1	2	2	LGLERNPQSYLYLVKGQC[339]AK	1
							2	NNDLLFRNLKETMC[339]SSK	1
							3	FGKYIDIHFNKR	4
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	1.72	*	*	*	3	3	TFVNGTRTQPPSWLELQATK	1
							1	SSVRHK	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	2.39	*	*	*	1	3	FVVHGLTTGEQYIFRVKAVNAVGM[147]SENSQESDVIK	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	*	6.13	*	*	*	4	2	IRVVEKAGPPINVMVK	1
							2	KDDDDLGIPEIWELLKGAK	1
							2	RILTINKC[339]TLADDAAYEVAVK	1
							3	AVNELGEALAEK[339]K	1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	*	6.36	*	*	*	4	3	WLKDGVELTREETFK	1
							2	NPVGEDQVNLTVKVIDVPDAPAAPK	1
							3	QAPPSEYERIAFQYGVTDLR	1
							2	M[147]IEGVVYEMRVYAVNAIGMSR	1

							2	VC[339]GSNLLSIC[339]K	2
							2	VC[330]GSNLLSIC[330]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	13.41	1.34	0.07	12	4	1	TSASIGSLC[339]ADAR	1
							2	TTIC[330]GK	1
							2	VC[339]HC[339]LGK	1
							2	TTIC[339]GK	1
							2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	2
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	1.40	*	*	*	3	3	GM[147]WIC[330]QIC[330]RPR	2
							2	KKELEEQPTR	1
							1	VRTGPGR	1
N2DL4_HUMAN (Q8TD07) NKG2D ligand 4 precursor (NKG2D ligand 4) (NKG2DL4) (N2DL4) (Retinoic acid early transcript 1E) (Lymphocyte effector toxicity activation ligand) (RAE-1-like transcript 4) (RL-4) [MASS=30122]	0.00	5.32	0.57	0.00	1	1	2	C[330]TGASWQFATNGEK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.99	15.97	1.65	0.00	1	1	2	LLYIGFLGYC[339]SGLIDNLIR	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	*	4.41	*	*	*	1	3	PSVFKPTAGNGKGFLSMQSLASHK	1
NAB1_HUMAN (Q13506) NGFI-A-binding protein 1 (EGR-1-binding protein 1) (Transcriptional regulatory protein p54) [MASS=54401]	0.00	8.83	0.63	0.00	1	2	2	VMAKQMEFLC[339]NQAGYERLQHAER	1
							2	ESSEALDAAAALVAEC[330]VER	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	0.95	10.21	0.68	0.00	1	5	2	IAEM[147]GKPVLGENC[330]R	1
							3	GPKLATTALFLGLWLLYILFASLEAYC[330]HIR	1
							3	EKEITITKANGETSVGTVR	1
							2	C[339]QPGVLLPVWEPDDPSLGDKAAR	1
							2	REVIQILK	1

NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	0.00	3.39	0.66	0.00	1	2	2	C[330]RISSSAC[330]EDLSAALIANK EHSNPMQVQQQLLDTGR	1 1
NALP5_HUMAN (P59047) NACHT, LRR and PYD-containing protein 5 (Mater protein homolog) [MASS=134235]	0.00	3.33	1.48	0.00	1	2	2	SLLRKVLLPESFLIVTVR SLDLTDNALGDGGVAALC[339]EGLK	1 1
NBN_HUMAN (O60934) Nibrin (Nijmegen breakage syndrome protein 1) (Cell cycle regulatory protein p95) [MASS=84958]	*	3.85	*	*	*	1	3	MLSQDAPTVKESC[330]KTSSNNNSMVSNTLAK	1
							2	FFLC[330]QVAGDAK	2
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.90	0.43	0.23	9	3	2	GPVEAKPEC[339]QETETKPAPAEVK GPVEAKPEC[330]QETETKPAPAEVK KVDKNDEAEYIC[330]IAENK	1 1 2
							2	FFLC[339]QVAGDAK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK KVDKNDEAEYIC[339]IAENK	1 1
NCALD_HUMAN (P61601) Neurocalcin delta [MASS=22114]	0.99	30.73	0.89	0.04	2	3	3	WAFSM[147]YDLDGNGYISK	1
							2	DC[330]PSGHLISM[147]EEFKK	1
							2	DC[339]PSGHLISM[147]EEFKK	1
							3	AEMLEIVQAIYKM[147]VSSVM[147]KMPDESTPEK	1
							3	PTMPSGEWAPQSSAVRVTC[339]AATTSAM[147]NRPVQGGMIR	1
							2	GQGLNMTPSMVAPSGMPATM[147]SNPR	1
							3	ETNDPNLPPAVSSER	1
NCOA2_HUMAN (Q15596) Nuclear receptor coactivator 2 (NCoA-2) (Transcriptional intermediary factor 2) [MASS=159156]	*	13.73	*	*	*	8	2	EQEKAANANIDEVQKSDVSSTGQGVIDK	1
							3	LLQDSSSPVDLAKLTAEATGKDLSQESSSTAPGSEVTIK	1
							1	PSYATLRMQPRPGLR	1
							2	MNSPSPQSSPGM[147]NPGQPTSMLSPR	1
							2	LIRSQTTNEPQLVISLHM[147]LHR	1
NCOA3_HUMAN (Q9Y6Q9) Nuclear receptor coactivator 3 (EC 2.3.1.48) (NCoA-3) (Thyroid hormone receptor activator molecule 1) (TRAM-1) (ACTR) (Receptor-associated coactivator 3) (RAC-3) (Amplified in breast cancer-1 protein) (AIB-1) (Steroid receptor coacti [MASS=155292]	*	9.83	*	*	*	6	2	PPM[147]AGC[339]NSSVGGMSM[147]SPNQGLQMPSSR	1
							2	M[147]GPSQNPMMQHPQAASIYQSSEMK	1
							2	DTSSITSC[330]GDGNVVKQEQLSPK	1
							2	MSGLGENLDPLASDSRKR	1
							2	SNSIPGARPVLQQQQMLQMR	1
							3	TFPSNPESFITRHDLSGKVVNIDTNSLR	1

NCOA4_HUMAN (Q13772) Nuclear receptor coactivator 4 (NCoA-4) (70 kDa androgen receptor coactivator) (70 kDa AR-activator) (Ret-activating protein ELE1) [MASS=69726]	0.00	3.26	0.21	0.00	1	1	3	SPM[147]NTSWC[330]SFNTADWVLP GK	1
NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117])	*	2.28	*	*	*	3	2 2 3	LPVSNVHPPRGPLNPDSQR SPVSSSKGK AVPAQEVKM[147]VVPEDQSKK	1 1 1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	3.65	*	*	*	5	2 2 2 2 2	PYNSASMSPGHPTHAAAAAERERER GSPMM[147]NRTSDVTISSNK RPSLLSEFHGSDR VPENHASK GSPM[147]M[147]NRTSDVTISSNKSTNHER	1 1 1 1 1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	11.86	0.78	0.06	3	2	2 3 2	C[330]PVMLVVG DQAPHEDAVVEC[330]NSK C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK SC[330]FQPLFQFEDM[147]QEIIQNFVR	1 1 1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	14.29	1.68	0.02	3	2	2 2 2	EC[339]SDVQPK IHLC[339]QR IHLC[330]QR	1 1 1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.62	0.01	3	1	2 2	TTGLVGLAVC[339]NTPHER TTGLVGLAVC[330]NTPHER	2 1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.99	8.04	2.68	0.00	1	1	2	LSNNYYC[339]TR	1

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	36.84	1.66	0.01	2	5	3	EFM[147]LC[330]RWEKDPK	1
							3	AAAHHYGAQC[339]DKPNK	1
							1	C[339]LEEGK	1
							3	AAAHHYGAQC[330]DKPNKEFM[147]LC[330]R	1
							1	FDEC[339]VLDK	1
NDUA9_HUMAN (Q16795) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 39 kDa subunit) (Complex I-39KD) (CI-39KD) [MASS=42509]	0.85	5.04	*	*	*	1	2	SSVSGIVATVFGATGFLGR	1
							2	QC[339]VDHYNEVK	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	24.23	1.64	0.03	9	5	2	TFLPEM[147]SEKC[339]EVLQYSAR	1
							2	KQC[339]VDHYNEVK	1
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[330]SLEK	2
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK	2
							2	KQC[330]VDHYNEVK	1
							2	QC[330]VDHYNEVK	1
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.38	15.71	1.06	0.00	1	1	2	THNYGIGAAAC[339]VYFGIAASLVK	1
							2	DYC[330]AHHLIR	2
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	27.94	1.72	0.04	9	3	3	EMVATQQEM[147]MDAQLRLQLR	1
							1	DSFPNFLAC[339]K	1
							1	DSFPNFLAC[330]K	1
							2	DSFPNFLAC[339]K	1
							2	DYC[339]AHHLIR	3
							1	DYC[339]AHHLIR	1

NDUB9_HUMAN (Q9Y6M9) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B22 subunit) (Complex I-B22) (CI-B22) [MASS=21700]	0.57	2.81	1.74	0.00	1	1	2	YDC[339]YK	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	1.00	6.43	1.72	0.01	3	1	2	EGQNYQQNC[330]IK	1
							2	EGQNYQQNC[339]IK	2
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	7.91	0.75	0.00	1	1	3	DYSLQIQNVDTVDDGPYTC[330]SVQQTQHTPR	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	0.00	5.23	0.19	0.00	1	3	2	KASLSVAGPGKPQEEDQPLPAR	1
							3	RQISFFLEATK	2
							2	LSSDC[330]SVTQER	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	*	9.83	*	*	*	3	2	LYDM[147]VLQFLRTLFLRTR	1
							3	SFSLVKMPSLQPVVM[147]C[339]VM[147]KHLPK	1
							2	ELYSQLGEKLEQLDHRK	1
NET2_HUMAN (O00634) Netrin-2-like protein precursor [MASS=61466]	0.00	1.72	0.08	0.00	1	1	2	HGTEGPDC[330]GR	1
							3	DAPTIQQSSPGSSLR	12
NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	*	3.50	*	*	*	1			
NFAC1_HUMAN (O95644) Nuclear factor of activated T-cells, cytoplasmic 1 (NFAT transcription complex cytosolic component) (NF-ATc1) (NF-ATc) [MASS=101242]	0.00	3.18	0.72	0.00	1	1	3	IEITSC[339]LGLYHNNNQFFHDEVEDVLPSSK	1

NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	3.71	1.18	0.20	3	4	2	RETREAWNNVTWWSR	1
							2	RGTTVQLEC[330]R	1
							2	DNILIEC[330]EAK	1
							2	LDC[330]PFFGSPITLR	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-I/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	3.33	*	*	*	1	2	HPC[339]C[339]VLSNPDQK GK	2
NFIC_HUMAN (P08651) Nuclear factor 1 C-type (Nuclear factor 1/C) (NF1-C) (NFI-C) (NF-I/C) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=55675]	0.00	14.76	0.19	0.00	1	4	2	MPSHC[339]LSAQMLAPPPPGLPRLALPPATK	1
							2	TLPSTSSSGSKR	1
							3	MPSHC[339]LSAQM[147]LAPPPPGLPR	1
							2	KAPGC[330]VLSNPDQK GK	1
							2	VVTKTVEK	1
							2	PPITISSKIQK	2
							3	SYTLDSLGNPSAYR	14
NFM_HUMAN (P07197) Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) (Neurofilament 3) [MASS=102316]	*	5.14	*	*	*	4			
							3	ELRATLEM[147]VNHEK	1
NFS1_HUMAN (Q9Y697) Cysteine desulfurase, mitochondrial precursor (EC 2.8.1.7) [MASS=50195]	0.96	3.94	1.45	0.00	1	2	2	C[339]IQHVK	1
							2	QQVASLIGADPR	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	*	15.24	*	*	*	1	2	WLTIQSGEQPYKM[147]AGR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.41	4.93	0.70	0.00	1	1	2	FSGGYPALMDC[339]M[147]NK	1

								3	LQFHNVKPEC[339]LEAYNKIC[339]QEVLPK	1
								2	IC[339]QEVLPK	1
								2	LQFHNVKPEC[339]LEAYNK	2
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	16.78	1.68	0.04	9	3	3	LQFHNVKPEC[339]LEAYNK	2	
							3	LQFHNVKPEC[330]LEAYNK	1	
							2	LQFHNVKPEC[330]LEAYNK	2	
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	*	2.75	*	*	*	1	2	RHLPVFQHR	1	
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	*	2.05	*	*	*	2	2	NQESSSDEQTPSR	1	
							3	M[147]GAQDRPQC[330]HFDIEINR	1	
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	3.78	1.41	0.05	7	4	2	TC[339]DALQAK	1	
							2	LFAQQC[339]K	1	
							2	KTC[339]DALQAK	2	
							2	EANSIIITPGYGLC[339]AAK	2	
							2	KTC[330]DALQAK	1	
NO55_HUMAN (Q92791) Nucleolar autoantigen No55 [MASS=50381]	0.00	3.43	2.59	0.00	1	1	2	C[339]LAGC[339]EGAHEQVDFK	1	
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	*	0.83	*	*	*	1	1	KFLALK	1	
NOL1_HUMAN (P46087) Proliferating-cell nucleolar antigen p120 (Proliferation- associated nucleolar protein p120) [MASS=94078]	0.00	2.92	0.34	0.00	1	2	3	GLSLPLC[330]LPSVPAAPHQQR	1	
							1	KVAFLR	1	
							3	IIKVQKDESSTGSLAM[147]STR	1	
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	5.91	*	*	*	4	3	AGQKLM[147]DLQSHFGTDDR	1	
							2	LQGSDLFWR	1	
							2	LPEVSKEMYNIAMDLEIFQTTK	1	
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	4.16	*	*	*	1	2	EEPLSEEEPC[330]TSTAIASPEKKK	1	
NOTC3_HUMAN (Q9UM47) Neurogenic locus notch homolog protein 3 precursor (Notch 3) [Contains: Notch 3 extracellular truncation; Notch 3 intracellular domain] [MASS=243659]	0.00	2.33	0.06	0.00	1	3	3	C[330]DQGC[339]NTEEC[339]GWDGLDC[330]ASEVPALLAR	1	
							3	C[339]VNTQGSFLC[330]QC[339]GR	1	
							2	HGGTC[330]LNTPGSFR	1	

NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]

* 0.55 * * * 1

3 C[330]SC[339]PHSSPGPR 1

NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]

0.00 2.68 2.31 0.00 1 1

2 RGFQEAFQLQLC[330]QK 1

2 SENKNEGQDATM[147]YC[330]K 2

NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]

1.00 17.38 0.44 0.21 5 3

2 AEDSGEYHC[339]VYHFVSAPK 1

2 AEDSGEYHC[330]VYHFVSAPK 1

3 RSENKNEGQDATM[147]YC[330]K 1

NR1H4_HUMAN (Q96R11) Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor HRR-1) (Retinoid X receptor-interacting protein 14) (RXR-interacting protein 14) [MASS=55914]

* 9.47 * * * 2

2 EKTELTPDQQTLLHFIM[147]DSYNKQR 1

3 C[330]KEMGM[147]LAEC[330]MYTGLLTEIQC[330]K 1

NR6A1_HUMAN (Q15406) Orphan nuclear receptor NR6A1 (Germ cell nuclear factor) (GCNF) (Retinoid receptor-related testis-specific receptor) (RTR) [MASS=54383]

* 4.38 * * * 2

2 LLKC[330]LQMGMN 1

2 EDGMPGGRNK 1

NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	1.53	*	*	*	1	3	VALVKVLDKWPLR	3
NRIP1_HUMAN (P48552) Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein 140) [MASS=126941]	0.00	5.01	0.76	0.00	1	2	3	LM[147]ASKSSATVFQNP[147]GIIPSSPKNAGYK	1
							3	WNSPPYVC[339]STQSEKLTNTASNHSM[147]DLTKSK	1
NRP2_HUMAN (O60462) Neuropilin-2 precursor (Vascular endothelial cell growth factor 165 receptor 2) [MASS=104830]	0.00	6.77	1.77	0.00	1	3	3	SYKLEVSTNGEDWMVYR	1
							3	LEVLGC[339]DWTDSKPTVETLGPTVK	1
							3	ISTDVPLENC[330]MEPISAFAGENFK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	6.05	0.89	0.01	2	3	2	IDGVEQLNNILVIGMTNR	1
							2	SQLSC[339]VVVDDIER	1
							2	FSNLVLQALLVLLK	1
							2	SQLSC[330]VVVDDIER	1
NTRK2_HUMAN (Q16620) BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 2) (TrkB tyrosine kinase) (GP145-TrkB) (Trk-B) [MASS=91998]	0.21	3.89	0.62	0.00	1	2	2	NC[330]LVGENLLVK	1
							2	VGGHTMLPIRWMPPEMIMYRK	1
NU205_HUMAN (Q92621) Nuclear pore complex protein Nup205 (Nucleoporin Nup205) (205 kDa nucleoporin) [MASS=227919]	*	1.14	*	*	*	1	2	MATPLAVNSAASLWGPYKDIWHK	1

								2	DC[330]FIIYQGHGHDVGAADIADVILPGAAYTEK	1
								3	DLNLRVDSDTLC[339]TEEVFPTAGAGTDLR	1
								2	C[330]IQC[330]TR	1
								2	DC[339]FIIYQGHGHDVGAADIADVILPGAAYTEK	1
								2	VLFLLGADGGC[339]ITR	2
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	14.03	1.73	0.06	15	7		2	LSVAGNC[339]JR	1
								2	VLFLLGADGGC[330]ITR	2
								3	DC[339]FIIYQGHGHDVGAADIADVILPGAAYTEK	2
								2	C[339]IQC[339]TR	1
								2	FC[339]YHER	2
								2	VVAAC[339]AM[147]PVM[147]K	1
								2	FC[330]YHER	1
								2	HESC[339]GQC[339]TPC[339]R	1
								2	NAC[339]GSGYDFDFVVR	2
								3	SVC[339]ETVLM[147]DFDALVQAQTGLGTAIVVM[147]DR	1
								3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	31.90	1.17	0.33	15	8		2	LFNISGHVNHPC[330]TVEEEMSVPLKELIEK	1
								2	GAGAYIC[330]GEETALIESIEGK	1
								2	YLVVNADEGEPGTC[339]KDR	1
								2	LLEGC[339]LVGGR	1
								2	YLVVNADEGEPGTC[330]KDR	1
								2	GAGAYIC[339]GEETALIESIEGK	2
								3	HESC[339]GQC[339]TPC[339]R	1
								2	LLEGC[330]LVGGR	1
								2	NAC[330]GSGYDFDFVVR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.98	1.73	1.70	0.00	1	1		2	IIAQC[339]LNK	1
NUD14_HUMAN (O95848) Uridine diphosphate glucose pyrophosphatase (EC 3.6.1.45) (UDPG pyrophosphatase) (UGPPase) (Nucleoside diphosphate linked moiety X motif 14) (Nudix motif 14) [MASS=24118]	0.00	9.46	1.30	0.00	1	2		2	SWDFMK	1
								2	C[339]AASPYLRPLTLHYR	1

NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	*	8.54	*	*	*	1	3	RPGVGVGVVVVTSK[330]K	1
NUDT8_HUMAN (Q8WV74) Nucleoside diphosphate-linked moiety X motif 8, mitochondrial precursor (EC 3.6.1.-) (Nudix motif 8) [MASS=25370]	0.00	6.78	0.10	0.00	1	1	2	ARPASAAVLVPLC[330]SVR	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	12.45	1.79	0.04	7	2	2	FSC[339]EPAGGLTSLTEPPK	1
							2	YHIQVC[339]TTTPC[339]M[147]LR	2
							2	YHIQVC[330]TTTPC[330]MLR	1
							2	YHIQVC[339]TTTPC[339]MLR	1
							3	YHIQVC[339]TTTPC[339]M[147]LR	1
2	YHIQVC[330]TTTPC[330]M[147]LR	1							
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	22.86	2.05	0.02	4	4	2	C[339]IAC[339]K	2
							2	C[330]IAC[330]K	1
							2	LC[339]EAIC[339]PAQAITIEAEPR	1
							2	M[147]RC[330]LTPMLLRALAQAAR	1
							1	GEHALRR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	1.00	12.68	1.88	0.04	4	1	2	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
							3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	3
							2	VIAC[330]DGGGGALGHPK	2
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	1.44	0.03	7	2	2	VIAC[339]DGGGGALGHPK	2
							2	TGTC[330]GYC[330]GLQFR	1
							2	TGTC[339]GYC[339]GLQFR	1
							1	VIAC[339]DGGGGALGHPK	1
NXT1_HUMAN (Q9UKK6) NTF2-related export protein 1 (p15 protein) [MASS=15847]	0.00	19.29	0.19	0.00	1	1	2	DFNQNFILTAQASPSNTVWKIASDC[330]FR	1
O10AG_HUMAN (Q8NH19) Olfactory receptor 10AG1 (Olfactory receptor OR11-160) [MASS=34105]	0.00	10.96	0.69	0.00	1	1	3	AFSTC[330]SSHLIVILFFGAGTITYLQPKPHQFQR	1

O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	0.00	8.54	3.78	0.00	1	1	2	TFSTC[339]VSHLTVVVM[147]HYSFASLIYLKPK	1
O10H5_HUMAN (Q8NGA6) Olfactory receptor 10H5 [MASS=34900]	0.00	8.89	*	*	*	1	3	VGC[330]SWAGGLVM[147]GMVVTS AIFHLAFC[330]GHK	1
O11G2_HUMAN (Q8NGC1) Olfactory receptor 11G2 [MASS=34933]	*	24.76	*	*	*	3	3	KAFSTC[330]GSHLAVVSLFYGSLVLM[147]YGSPPSKNEAGK	1
							2	KGPVIELVFSVLSPLPVFMLFLFIVGSYALVVR	1
							1	VPSAAGRRK	1
O2T35_HUMAN (Q8NGX2) Olfactory receptor 2T35 (Olfactory receptor OR1-66) [MASS=36101]	*	4.64	*	*	*	1	3	C[339]GSSQSIRVATVIRK	1
O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	0.00	6.54	1.03	0.00	1	1	2	IGLTIIGRSFFFITPPIIC[330]LK	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	5.39	*	*	*	1	2	EGDTV SQFDSIC[339]EVQSDKASVTISR	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	14.33	1.50	0.01	3	4	1	DVPLGTPLC[339]IIVEK	1
							2	DVPIGAIIC[330]ITVGKPEDIEAFK	1
							3	NFSAIINPPQAC[330]ILAIGASEDKLVPADNEK	1
							2	NFSAIINPPQAC[330]ILAIGASEDK	1
							2	C[339]DLHR	2
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	15.90	1.77	0.03	6	5	2	KC[339]DLHR	1
							3	GGC[339]AKGKGGSMHM[147]YAK	1
							2	LPC[339]IFIC[339]ENNR	1
							2	NFYGGNGIVGAQVPLGAGIALAC[339]K	1
							2	KC[330]DLHR	1
							1	C[339]DLHR	1

ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.00	19.50	0.87	0.07	2	3	2 PVGHC[330]LEAAAVLSK 3 EGVEC[330]EVINM[147]RTIRPM[147]DM[147]ETIEASVMK 2 YGDKRIIDTPISEMGFAGIIVGAAMAGLR 2 PVGHC[339]LEAAAVLSK	1 1 1 1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.77	7.98	2.21	0.00	1	2	2 STVPHAYATADC[339]DLGAVLK 3 ILM[147]PSLSPTMEEGNIVKWLKK	1 1
OGT1_HUMAN (O15294) UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.-) (O-GlcNAc transferase p110 subunit) [MASS=116924]	*	4.21	*	*	*	3	2 AFLDSLPLDVKIVKMK 2 AFLDSLPLDVKIVK 2 KAVIDFKSNGHIYDNR	1 1 1
OMD_HUMAN (Q99983) Osteomodulin precursor (Osteoadherin) (OSAD) (Keratan sulfate proteoglycan osteomodulin) (KSPG osteomodulin) [MASS=49492]	0.00	4.04	1.09	0.00	1	1	2 IFAKM[147]EKLMQLNLC[330]SNR	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.99	3.64	0.71	0.00	1	1	2 AHVIGTPC[330]STQISSLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	8.75	1.68	0.06	6	6	2 C[330]NEEHPAYLASDEITTVR 3 TQEQC[330]VHNETKNELEK 3 TQEQC[339]VHNETKNELEK 2 C[339]NEEHPAYLASDEITTVRK 2 HFRKVSDK 2 C[339]NEEHPAYLASDEITTVR 3 TALNHC[339]NLC[339]R 3 NFWPARLATRLLK 2 TALNHC[330]NLC[339]R	1 1 1 1 1 1 1 1 1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	7.83	0.63	0.20	4	2	2 C[330]TIDDR 2 DQSGEYEC[330]SALNDVAAPDVRK 3 DQSGEYEC[330]SALNDVAAPDVRK	2 1 1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	*	3.49	*	*	*	1	2 PDIVAGNAGEITSSVVASRTRFFETASR	1

OPSB_HUMAN (P03999) Blue-sensitive opsin (BOP) (Blue cone photoreceptor pigment) [MASS=39135]	*	7.76	*	*	*	1	3	M[147]VVVMVGSFC[330]VC[339]YVPYAAFAMYMVNNR	1
OR4KE_HUMAN (Q8NGD5) Olfactory receptor 4K14 (Olfactory receptor OR14-22) [MASS=35053]	0.00	8.06	0.13	0.00	1	1	3	ALSTC[330]SAHIMVVTLFFGPC[330]IFVYVR	1
ORCT3_HUMAN (Q9Y226) Organic-cation transporter-like 3 (Solute carrier family 22 member 13) [MASS=60861]	0.00	2.18	2.29	0.00	1	1	2	C[339]SSIFMMQRFGR	1
P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	*	15.09	*	*	*	5	2	YLHENLPIQRNTN	1
							3	AAKGIPVMGHSEGC[339]HMYVDSEASVDKVTR	1
							2	FSDGYRFGGLGAEVGISTSR	1
							2	DHVSDDFSEHGSLKYLHENLPIQR	1
							3	EAAHSNRILHLLTQEALSIHGVEAVQLVNTR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.62	2.25	0.56	0.00	1	1	2	AYHLAC[330]KEEK	1
PACS1_HUMAN (Q6VY07) Phosphofurin acidic cluster sorting protein 1 (PACS-1) [MASS=104898]	*	0.83	*	*	*	1	1	YLGSVDSK	1
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	1.66	0.07	6.20	2	1	2	MLLASPGAC[330]FK	3
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	6.08	8.49	0.00	1	3	2	C[330]ALIFADNSGIDIILGVFPFVR	1
							1	SLLDTR	1
							3	SLLHMISNDIGQLAC[339]LHAR	2
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	4.79	*	*	*	4	3	AFKTQC[330]TQDGSWQEGAC[330]VPVTC[339]DPPPPK	1
							2	YHGAQC[339]TVSC[339]RTGYVLQIRR	1

PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]

*	4.79	*	*	*	4
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PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]

*	4.79	*	*	*	4	2	C[330]KVLMLGGSALNHNYR	1
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PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]

*	5.97	*	*	*	1	2	AGLFQRSPGDTVASKASAEGGSR	1
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								3	EGPYDVVVLPGGNLGAQNLSESAAVKEILK	1
								2	VTVAGLAGKDPVQC[339]SR	2
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	56.61	0.92	0.06	7	5		2	VTVAGLAGKDPVQC[330]SR	2
								3	GLIAAIC[330]AGPTALLAHEIGFGSK	1
								2	DVVIC[339]PDASLEDAKK	1
								2	VTTHPLAKDKMM[147]NGGHYTYSENR	1
								2	DVVIC[330]PDASLEDAKK	1
PARP4_HUMAN (Q9UJK3) Poly [ADP-ribose] polymerase 4 (EC 2.4.2.30) (PARP-4) (Vault poly(ADP-ribose) polymerase) (VPARP) (193 kDa vault protein) (PARP-related/lalpal-related H5/proline-rich) (PH5P) [MASS=192587]	0.00	8.76	0.57	0.00	1	8		2	YNTLEKVGVM[147]EGGQEAVVVELQC[330]SR	1
								3	RTDC[330]KAVISTM[147]EGSSLDSSGFSLHIGLSAAYLPR	1
								1	EVNLGLLAKK	1
								2	TTGTM[147]IHKLAARALIR	1
								3	TSEDASEYFENYIEELK	1
								3	KADLC[330]QLIRDMVNVVC[339]ETNLSK	1
								2	M[147]M[147]TEFYRLIPHKGTM[147]PK	1
								1	PVNRISLNDVSK	1
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	3.13	*	*	*	1		2	QLRVSHGC[339]VSKILC[339]R	1
PAX7_HUMAN (P23759) Paired box protein Pax-7 (HUP1) [MASS=56896]	0.00	5.77	2.08	0.00	1	2		2	LDEGSDVESEPDLPKRRK	1
								2	MMRPAPGQNYPR	1
PC11X_HUMAN (Q9BZA7) Protocadherin-11 X-linked precursor (Protocadherin-11) (Protocadherin on the X chromosome) (PCDH-X) (Protocadherin-S) [MASS=147557]	*	1.63	*	*	*	1		3	TGDVPLIRIEEDTGEIFTTGAR	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y-linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	*	1.57	*	*	*	1		3	NMQNSEWATPNPENRQM[147]IM[147]M[147]K	1
PCDA3_HUMAN (Q9Y5H8) Protocadherin alpha 3 precursor (PCDH-alpha3) [MASS=102428]	0.29	3.37	0.66	0.00	1	1		3	C[339]SAPPTGDC[339]GPGKPTLVC[339]SSAVGSWSYSQQR	1
PCDA5_HUMAN (Q9Y5H7) Protocadherin alpha 5 precursor (PCDH-alpha5) [MASS=102047]	*	1.50	*	*	*	1		3	RAEC[330]SIHLEVIVDR	1
PCDGI_HUMAN (Q9Y5F9) Protocadherin gamma B6 precursor (PCDH-gamma-B6) [MASS=101043]	*	3.66	*	*	*	1		2	ISLSENLPGPSVLQVTATDQDEGVNAEINYFR	1

PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]	*	5.44	*	*	*	2	3	ARPGSLC[330]PQALPPSVGAGHLITK	1
							2	FVDVGGHSHGC[330]TPLASAPTRSDFM[147]M[147]VK	1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	*	3.14	*	*	*	3	2	IINGIVQKQDTITEESEKQGTK	1
							2	DKDEHMKSSSEHR	1
							3	RRFIPEVPPVSSPIPPPR	1
							3	FGYRDDHYQYDRSGPYGYR	1
							2	SHRTVVTM[147]DESTSSVM[147]TKIIEDEK	1
							3	IPPMVTTDQKQEESK	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	4.21	*	*	*	10	3	DASRPQTKQADIVR	1
							3	LQINYDLGNLIHILQARNLVPR	1
							2	MVKPTTDLVSSSSATTKPDIPSSK	1
							3	EQLSTTYFTSGETFGQEKPASQLPSGSPSVSSLPAK	1
							2	DLSGIHTADAVTSLPAMHHSQPM[147]PR	1
							3	LDLNMLSDSENSQHLELHEPPKAVDKAK	1
							1	AIPRPASDSK	2
PCSK5_HUMAN (Q92824) Proprotein convertase subtilisin/kexin type 5 precursor (EC 3.4.21.-) (Proprotein convertase PC5) (Subtilisin/kexin-like protease PC5) (PC6) (hPC6) [MASS=101775]	*	3.29	*	*	*	2	1	YDASNENK	1
							2	GTHSFISM[147]EPKVEWIIQQQVVKK	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	0.00	11.56	1.13	0.00	1	6	3	C[339]DENC[330]LSC[330]AGSSRNC[339]SRC[339]K	1
							3	C[339]VSVC[339]PLGYFGDTAARR	1
							3	IGGIRM[147]LDGDVTDVVEAK	1
							2	SRM[147]LELSAPELEPPK	1
							2	IGGIRMLDGDVTDVVEAKSLGIR	1
							2	C[330]VPAC[330]GEGFYPEEMPGLPHK	1
PDE2A_HUMAN (O00408) cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17) (Cyclic GMP-stimulated phosphodiesterase) (CGS-PDE) (cGSPDE) [MASS=105716]	*	6.06	*	*	*	2	2	LLHDGIQPVA/AIDSNFASFTYTPR	1
							3	PDEPPPPQPC[339]ADSLQDALLSLGSDISGLQR	1
PDE6C_HUMAN (P51160) Cone cGMP-specific 3',5'-cyclic phosphodiesterase alpha'-subunit (EC 3.1.4.35) (cGMP phosphodiesterase 6C) [MASS=99146]	*	2.33	*	*	*	1	3	KDIAQEMLM[147]NQTKATPEEIK	1

PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	*	8.44	*	*	*	3	3	3	RLSGNEYVLSTKNTQM[147]VSSNIITPISLDDVPPR	1
							3	3	QGIIDMVLATEM[147]TK	1
							3	3	ELGEVPINEKKADLLDTINSC[330]IR	1
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	0.99	5.45	1.97	0.00	1	1	3	3	TC[339]EEHQLC[339]VVAVLPHILDTGAAGR	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	*	12.53	*	*	*	2	3	3	HIGSIDPNC[339]NVSEVVKDAYDM[147]JAK	1
							3	3	DTYGDDPVSNQNIQYFLDRFYLSRISIR	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	2.76	*	*	*	1	2	2	SVSSLNPVKEHGVLFEC[339]SPGNWTDQK	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	1.00	8.46	0.75	0.01	2	1	2	2	SAC[330]KEDIPSEK	1
							2	2	SAC[339]KEDIPSEK	1
PELO_HUMAN (Q9BRX2) Protein pelota homolog [MASS=43377]	*	2.86	*	*	*	1	2	2	FLQVHASSGHK	1
PEO1_HUMAN (Q96RR1) Twinkle protein, mitochondrial precursor (EC 3.6.1.-) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase) (Progressive external ophthalmoplegia 1 protein) [MASS=77154]	*	2.92	*	*	*	1	3	3	KETLQALDMPVLPVTATEIR	1
PFTB_HUMAN (P49356) Protein farnesyltransferase subunit beta (EC 2.5.1.58) (CAAX farnesyltransferase subunit beta) (RAS proteins prenyltransferase beta) (FTase-beta) [MASS=48773]	0.00	4.35	0.82	0.00	1	1	2	2	LVDGC[339]YSFWQAGLLPLLHR	1
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	13.44	0.66	0.02	4	2	3	3	YADLTEDQLPSC[339]ESLKDTIAR	2
							2	2	YADLTEDQLPSC[330]ESLKDTIAR	1
							2	2	YADLTEDQLPSC[339]ESLKDTIAR	1
							3	3	YADLTEDQLPSC[330]ESLKDTIAR	1
							3	3	AETAAKHGAEQVK	1

PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	9.44	0.41	0.00	1	4	2	VHGPPTETLPTPRERNLASPSTLVEAR	1
							2	IAGDAPLQGVLGALTIPC[339]HVHYLR	1
							3	VHGPPTETLPTPRER	1
							2	C[330]EVQHGIDDSSDAVEVK	1
PGDH_HUMAN (P15428) 15-hydroxyprostaglandin dehydrogenase [NAD+] (EC 1.1.1.141) (PGDH) (Prostaglandin dehydrogenase 1) [MASS=28977]	0.00	11.65	2.24	0.00	1	1	2	QNGGEGGIIINM[147]SSLAGLM[147]PVAQQPVYC[339]ASK	1
PGES2_HUMAN (Q9H7Z7) Prostaglandin E synthase 2 (EC 5.3.99.3) (Microsomal prostaglandin E synthase 2) (mPGES-2) [Contains: Prostaglandin E synthase 2 truncated form] [MASS=41943]	0.00	4.77	*	*	*	1	2	AGFAGAAGGPPVAAARK	3
PGH2_HUMAN (P35354) Prostaglandin G/H synthase 2 precursor (EC 1.14.99.1) (Cyclooxygenase-2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II) [MASS=68996]	0.00	6.95	0.20	0.00	1	2	2	EM[147]SAELEALYGDIDAVELYPALLVEK	1
							2	GC[339]PFTSFSVPDELIK	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	9.38	0.57	0.01	2	2	2	AC[339]ANPAAGSVILLENLR	1
							2	AC[330]ANPAAGSVILLENLR	1
							2	NGVKITLPVDFVTADKFDENAK	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	0.00	10.86	1.02	0.00	1	3	2	VM[147]IC[330]M[147]PVGGPDLVSLVSYTAQK	1
							2	ATLLLPPTLM[147]AASSEDDIDRR	1
							2	ELNEFKSTEM[147]EVHELRSRLTR	1
PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	*	4.41	*	*	*	1	3	WINDRRQGLEEPLLPGITFTNNQLFFLSYAHVR	1
PHLB1_HUMAN (Q86UU1) Pleckstrin homology-like domain family B member 1 (Protein LL5-alpha) [MASS=151161]	*	5.81	*	*	*	3	3	LTQGC[339]MLC[330]LGQSTFLRFNHPAEAKWM[147]K	1
							2	NQIGPGC[330]QTQTM[147]VQK	1
							3	LLLPAVDLEQWYQELMAGLGTGPAASPHSSPPPLPAK	1

PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	0.85	3.64	1.15	0.00	1	1	2	THC[339]GNM[147]LQPYLK	1
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.54	7.64	0.18	0.00	1	3	2	C[330]DYTIQVQLR	1
							2	ALTC[339]AHLQSFDAALYLQM[147]NEKK	1
							3	ALHLLKSSC[330]APSVQM[147]K	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	0.00	1.29	0.60	0.00	1	1	2	AMC[330]IESWARFSLVR	1
PK3CA_HUMAN (P42336) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (EC 2.7.1.153) (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K) [MASS=124412]	0.00	4.68	1.14	0.00	1	3	2	SC[339]IMLGRMPNLKM[147]MAK	1
							2	EIGFAIGM[147]PVC[330]EFDM[147]VK	1
							2	SC[339]AGYC[330]VATFILGIGDR	1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.00	7.53	0.44	0.00	1	4	3	STTSQTIKVSPDDTPGAILQSFFTKMAK	1
							3	SAAASLSSMELIPIEFVLPTSQRK	1
							2	KIANNC[330]IFIVIHR	1
							2	M[147]ELENYKQPVVLRDNC[339]R	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	0.42	7.17	1.09	0.00	1	4	3	KERPISMINEASNYNVTSYAVHPM[147]SPVGR	1
							2	TYYFC[330]TDTGKEM[147]ELWM[147]K	1
							2	HQQAC[339]LR	1
							3	KTENISYEMLFEPENGVNSVEM[147]MDK	2
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	*	12.50	*	*	*	2	3	FGKEHAVIILNHNFEIDFLC[339]GWTC[330]ER	1
							3	C[330]LRGTVAAYDVTLNFRGNK	1

PLCD1_HUMAN (P51178) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-delta-1) (Phospholipase C-delta-1) (PLC-III) [MASS=85763]	*	7.94	*	*	*	3			
							3	QMTKDGFLMYLLSADGSAFSLAHR	1
							3	DQRNTLDLIAPSPADAQHWVLGLHK	1
							2	RLVAC[339]GSIWQGIC[339]QFLR	1
							1	C[339]SHPR	1
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	0.00	5.56	0.89	0.00	1	6	3	ALTLPAM[147]M[147]GLAAGGGLLLLITAVLVAYKR	1
							1	GVEYR	1
							3	YRGIETTNTC[330]QVINDTAMLC[339]KAPGIFLGR	1
							2	MASISDQDM[147]DAYLVEQSR	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.60	10.00	0.75	0.00	1	2	3	IFC[339]C[339]HGGLSPDLQSM[147]EQIRRIMR	1
							2	GNHEC[330]ASINR	1
PP4C_HUMAN (P60510) Serine/threonine-protein phosphatase 4 catalytic subunit (EC 3.1.3.16) (PP4C) (Pp4) (Protein phosphatase X) (PP-X) [MASS=35080]	*	4.89	*	*	*	1	3	C[339]ELIKESEVKALC[330]AK	1
PPARG_HUMAN (P37231) Peroxisome proliferator-activated receptor gamma (PPAR-gamma) [MASS=57620]	0.00	2.38	0.13	0.00	1	1	2	C[330]LAVGM[147]SHNAIR	1

PPE1_HUMAN (O14829) Serine/threonine-protein phosphatase with EF-hands 1 (EC 3.1.3.16) (PPEF-1) (Protein phosphatase with EF calcium-binding domain) (PPEF) (Serine/threonine-protein phosphatase 7) (PP7) [MASS=75792]	0.00	1.23	0.04	0.00	1	1	2	LC[330]SGTTPR	1
PPGB_HUMAN (P10619) Lysosomal protective protein precursor (EC 3.4.16.5) (Cathepsin A) (Carboxypeptidase C) (Protective protein for beta-galactosidase) [Contains: Lysosomal protective protein 32 kDa chain; Lysosomal protective protein 20 kDa chain] [MASS=54466]	0.00	4.38	1.04	0.00	1	1	3	M[147]DPCC[339]TNNTAASTYLNPNPYVR	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	15.24	0.72	0.14	4	2	1 2 2 2	KITIADC[330]GQLE IIPGFM[147]C[330]QGGDFTR IIPGFMC[330]QGGDFTR KITIADC[330]GQLE	1 1 1 1
PPIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPlase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	0.97	36.54	0.88	0.00	1	4	2 2 3 2	TVDNFVALATGEKGFYK DKPLKDVIIADC[330]GK DFMIQGGDFTRGDGTGGK VLLAAALIAGSVFLLLPGPSAADEK	1 1 1 1
PPOX_HUMAN (P50336) Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO) [MASS=50765]	*	5.87	*	*	*	1	3	VTVMLGGSWLQTLEASGC[330]VLSQELFQQR	1
PPP5_HUMAN (P53041) Serine/threonine-protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T) (PP-T) (PPT) [MASS=56878]	0.00	5.61	3.62	0.00	1	2	2 2	TEC[339]YGYALGDATRAIELDKK TEC[339]AEPFR	1 1
PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	*	3.17	*	*	*	5	2 2 3 3 3	DPSQVPIYSLRKGR LRSDC[330]FYEQPDEDTLGFRR TQDYEQMVDLVTTDDM[147]HPFLAPAGR WPEAAALIQEKGEASQR VC[330]RRPTM[147]PS	1 1 1 1 1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	0.48	8.13	2.30	0.00	1	2	2 3	ADSPAEASLASDPHELPTTSFC[339]PNC[339]IR MAEPIASLMIVFC[330]R	1 1

PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	0.00	8.60	2.48	0.00	1	2	3	LLQPENPC[339]PGDQNQER	1
							2	SDVITHQRTHTGGKPYVC[339]R	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	*	6.53	*	*	*	2	3	DKEEQNLEAYIKNGQLFYR	1
							3	DEELLVWYGKELTELLLLC[330]PSRSHNK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	*	2.59	*	*	*	3	2	APGAAAPSSGPGPC[330]AAARESER	1
							2	LYHM[147]M[147]M[147]NKK	1
							2	LPSRLEGGASLR	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	6.68	*	*	*	2	3	GIGLTLEQALQFWKQEFIK	1
							3	DIKKEPIQPETPQPK	1
PRI0_HUMAN (P04156) Major prion protein precursor (PrP) (PrP27-30) (PrP33-35C) (ASCR) (CD230 antigen) [MASS=27661]	0.66	15.02	0.48	0.00	1	2	2	HMAGAAAAGAVVGGGLGGYM[147]LGSAM[147]SR	1
							2	VVEQMC[330]ITQYER	1
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.00	11.82	0.49	0.00	1	3	2	EMESC[330]SSAAERDGSSTNKR	1
							2	ALENSSLMK	1
							2	C[330]FFHQM[147]AVEQQQAGLAAM[147]DTKLEVAVLQESVAK	1
PRP16_HUMAN (Q92620) Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 (EC 3.6.1.-) (ATP-dependent RNA helicase DHX38) (DEAH box protein 38) [MASS=140502]	0.00	1.30	1.74	0.00	1	1	3	LEGTDLDC[339]QVGGGLIC[339]K	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	*	3.15	*	*	*	1	2	M[147]VLVGDVKDR	1
PRR11_HUMAN (Q96HE9) Proline-rich protein 11 [MASS=40085]	*	5.00	*	*	*	1	3	ENMETGTGLTPVM[147]TQALR	1
PSD13_HUMAN (Q9UNM6) 26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5) [MASS=42918]	*	8.24	*	*	*	2	2	RVHM[147]TWVQPRVLDLQQIK	1
							3	VLDLQQIKGMKDR	1

PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	*	5.46	*	*	*	2	3 2	DAVRNSVC[330]HTATVIANSFM[147]HC[330]GTTSDQFLR KEPEPNFQLLDNPARVM[147]PAQLK	1 1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	4.73	*	*	*	2	3 2	GLLIVSRERLVPPGGNK EPGSPAESEGR	1 1
PTN18_HUMAN (Q99952) Tyrosine-protein phosphatase non-receptor type 18 (EC 3.1.3.48) (Brain-derived phosphatase) [MASS=50384]	*	9.17	*	*	*	2	3 2	LEARGGREGAVLAGEFSDIQAC[330]SAAWK LVWEFGVKVILM[147]AC[330]R	1 1
PTN7_HUMAN (P35236) Tyrosine-protein phosphatase non-receptor type 7 (EC 3.1.3.48) (Protein-tyrosine phosphatase LC-PTP) (Hematopoietic protein-tyrosine phosphatase) (HEPTP) [MASS=40529]	0.00	25.00	0.28	0.00	1	4	2 3 3 2	RGSNVALMLDVRSLGAVEPIC[339]SVNTPR HILFSAWPDHQTPESAGPLLR MVQAHGGRSRAQPLTSLGAAM[147]TQPPPEK IQDM[147]KEC[330]PEYTVR	1 1 1 1
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	*	1.95	*	*	*	2	3 2	SETFESTPIRGALQIESSEETDQGK SATIVM[147]MTRLEEK	1 1
PTPRU_HUMAN (Q92729) Receptor-type tyrosine-protein phosphatase U precursor (EC 3.1.3.48) (R-PTP-U) (Protein-tyrosine phosphatase J) (PTP-J) (Pancreatic carcinoma phosphatase 2) (PCP-2) [MASS=160227]	*	3.43	*	*	*	2	3 3	QSGALVPAGAFGTSATGFLATFPLAAVSRAEQDLYR QEPM[147]PAYDRHRVK	1 1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	4.35	1.16	0.01	2	2	2 2 2	FGHTFC[339]JK YSEEMKK FGHTFC[330]JK	1 1 1
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylate synthase 3) [MASS=55615]	0.00	18.09	0.61	0.00	1	4	2 3 2 2	PSVIKQTSFAFVEGVKMR THM[147]LYSM[147]LQGLDTPVPVPC[330]GIGPKM[147]DGMTEWGNVK M[147]ADNDTDRNQTEKLLK ILAWAPVEPSFSARFSC[330]LER	1 1 1 1

PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3	LLVSTQLSHC[339]R	2
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	0.00	2.65	1.61	0.00	1	3	2	C[339]GSRPPPGFPGLETM[147]LPLLLTAVSEGR	1
							2	IDRWFLHR	1
							2	IGSC[339]M[147]KSVGEVM[147]GIGRSFEEAFQK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.92	2.74	1.03	0.00	1	1	2	ALIHSAC[339]VK	1
R113A_HUMAN (O15541) RING finger protein 113A (Zinc finger protein 183) [MASS=38787]	0.00	5.83	4.55	0.00	1	1	3	TTPRC[339]YVC[339]DQQTNGVFNPAK	1
R51A1_HUMAN (Q96B01) RAD51-associated protein 1 (RAD51-interacting protein) [MASS=38457]	*	5.68	*	*	*	2	3	ITVEDDVGGVQGK	1
							1	VKSPVEK	1
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	0.30	2.94	0.75	0.00	1	1	2	C[330]DLTTK	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	12.50	0.69	0.10	3	2	2	YLEC[339]SALTQR	1
							2	HHC[330]PNTPIILVGTK	1
							2	HHC[339]PNTPIILVGTK	1
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	*	4.32	*	*	*	2	3	GQRDSSYYWEIEASEVMLSTR	1
							2	MRESVSR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	4.03	*	*	*	3	3	PSLEQSPAVLDK	1
							3	EEGGDVKSVC[339]M[147]TLFLLALR	1
							2	RYPVHGPVDGK	2
RAI14_HUMAN (Q9P0K7) Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.53	3.78	2.36	0.00	1	2	3	TALMLAC[330]EIGSSNAVEALIK	1
							2	ISNLKEHLASKEVEVAK	1

RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	2.83	*	*	*	3	3	GC[339]LHTYHYPC[339]ASDAGC[339]IFIEENFSLK	1
							2	HC[339]C[330]STADFGDLPLLPPTSR	1
							2	TSARGLSRR	1
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	0.00	1.78	1.82	0.00	1	1	3	RQLC[339]GGSQAAIER	1
RASF7_HUMAN (Q02833) Ras association domain-containing protein 7 (HRAS1-related cluster protein 1) [MASS=39945]	*	9.92	*	*	*	2	2	M[147]LLGLAAMELKVVVDGIQR	1
							3	EESLLGAPSESHAGAQPR	1
RASH_HUMAN (P01112) GTPase HRas precursor (Transforming protein p21) (p21ras) (H-Ras-1) (c-H-ras) [MASS=21298]	0.99	7.94	1.01	0.00	1	1	2	TGEGFLC[330]VFAINNTK	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	2.26	*	*	*	3	3	WC[339]C[339]FVM[147]LHADQDGEKQLQALLR	1
							2	LVSSQEQR	1
							1	VPLGTK	1
RBL1_HUMAN (P28749) Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) [MASS=120846]	*	4.31	*	*	*	2	2	VKSFALKYDLANQDHMM[147]DAPPLSPFPHIK	1
							2	IWTC[339]FEFTLVHC[339]PDLMK	1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	0.00	5.62	1.22	0.00	1	4	2	LGDMDLSGILEQDAFHR	1
							2	KIWTC[339]FEFSIIQC[339]PELMMDR	1
							3	C[339]LNAGSGTETAER	1
							3	C[339]SEQSLIEFFNKMK	1
REC8L_HUMAN (O95072) Meiotic recombination protein REC8-like 1 (Cohesin Rec8p) [MASS=62613]	*	2.74	*	*	*	1	2	MLEIEGERELPEVSR	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	2.03	*	*	*	1	3	TPSPGDTPSMYC[339]EAK	1
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	0.00	4.77	2.54	0.00	1	7	3	C[330]GILSSGNNLFFNEDGLRM[147]LMTR	1
							3	YVETQSM[147]QIGASYM[147]IQFSLVM[147]GC[339]GQK	1
							2	LASSM[147]RYVETQSMQIGASYM[147]IQFSLVM[147]GC[330]GQK	1
							3	SGWARQTFLALLLGATLRAR	1
							2	PRYAETWDFHVSASTFLQFEM[147]SM[147]GC[339]SK	1
							2	QAVTQDLDLRGAK	1
							3	YISVRHDYILLPEDALTNTRLR	1

REM1_HUMAN (O75628) GTP-binding protein REM 1 (Rad and Gem-like GTP-binding protein 1) (GTPase-regulating endothelial cell sprouting) [MASS=32947]	*	10.07	*	*	*	1	2	AC[339]AVVFDC[330]KFIETSATLQHNVAELFEGVVR	1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	0.00	11.76	*	*	*	2	2	LVILDEADAM[147]TQDAQNALR	1
							3	VDISEDGMKALVTLSSGDMRR	1
RFWD2_HUMAN (Q8NH2) Ring finger and WD repeat domain protein 2 (EC 6.3.2.-) (Ubiquitin-protein ligase COP1) (Constitutive photomorphogenesis protein 1 homolog) (hCOP1) [MASS=80474]	0.00	9.44	0.28	0.00	1	3	3	RC[330]WSVDFNLMKLLASGSDDAK	1
							3	RPLLAPLC[339]NGLINSYEDK	1
							2	IKVYEYDVTIQDAVDIHYPENEMTC[330]NSK	1
RGN_HUMAN (Q15493) Regucalcin (RC) (Senescence marker protein 30) (SMP-30) [MASS=33253]	0.00	13.38	0.23	0.00	1	2	2	LEKEEQIPDGM[147]C[339]IDAEGK	1
							3	C[330]GESPVWEEVSNLLFVDIPAK	2
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	*	1.66	*	*	*	1	2	DC[330]VSNNLSNANLPSVQSC[339]RRLR	1
RHG07_HUMAN (Q96QB1) Rho-GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) [MASS=122826]	*	1.74	*	*	*	2	1	SSHHSK	1
							2	TGSFHGPGHISLR	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase-activating protein 12 [MASS=96254]	*	6.38	*	*	*	2	3	PC[330]FPENESSPSPKHQDTASSPKDQEK	1
							3	FAVNHDEKLDLNDKWEIHVITGALK	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	11.92	0.79	0.00	2	2	2	HFC[339]PNVPIILVGNK	1
							1	TC[330]LLIVFSK	1
							2	HFC[330]PNVPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	1.00	13.27	0.61	0.07	2	2	2	IQAYDYLEC[330]SAK	1
							2	HFC[330]PNVPIILVANK	1
RHOQ_HUMAN (P17081) Rho-related GTP-binding protein RhoQ (Ras-related GTP-binding protein TC10) [MASS=22659]	0.00	16.10	0.86	0.00	1	1	3	TC[330]LLMSYANDAFPEEYVPTVFDHYAVSVTVGGK	1
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	*	1.82	*	*	*	2	2	TETLALTKEVWVYLLM[147]JR	1
							2	VTESNLEKAKTM[147]ELNVGNEASFHGQER	1

RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	0.00	2.30	0.43	0.00	1	2	2	SC[330]DNVSAKSSSDVSDVSAISR	1
							3	STIQRSTETGMAAEMRK	1
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	0.00	7.45	3.54	0.00	1	3	3	LATDIPC[339]LLYDDNLFC[330]HLVDEVLLFER	1
							2	EAC[339]IVLNLNVGSALLK	2
							3	DLVDDFRIRLTQVM[147]K	1
RL11_HUMAN (P62913) 60S ribosomal protein L11 (CLL-associated antigen KW-12) [MASS=20121]	0.86	4.52	1.28	0.00	1	1	2	IAVHC[339]TVR	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	1.00	12.50	0.77	0.02	2	3	2	C[339]HTPPLYR	1
							1	ASGTLR	1
							2	C[330]HTPPLYR	1
							2	AHSIQIMK	1
RL1D1_HUMAN (O76021) Ribosomal L1 domain-containing protein 1 (Cellular senescence-inhibited gene protein) (Protein PBK1) (CATX-11) [MASS=54972]	0.00	8.98	0.36	0.00	1	3	2	KALPASETPKAAESETPGK	1
							2	EQVRKAVDALLTHC[330]K	1
							2	AVDALLTHC[330]K	1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	0.78	5.73	1.50	0.00	1	1	2	TIC[339]SHVQNM[147]IK	1
RLP24_HUMAN (Q9UHA3) Probable ribosome biogenesis protein RLP24 (Ribosomal protein L24-like) [MASS=19621]	*	7.36	*	*	*	1	3	ELTVDNSFEFEK	1
RM03_HUMAN (P09001) Mitochondrial 39S ribosomal protein L3 (L3mt) (MRP-L3) [MASS=38632]	0.00	14.66	*	*	*	2	2	MPGWRLLTQVGAQVLGRLGDGLGAALGPGNR	1
							2	VGLIALKLG[147]MPLWTKDGQK	1
RN168_HUMAN (Q81YW5) RING finger protein 168 [MASS=65020]	0.00	8.23	0.33	0.00	1	4	2	ASLC[339]C[330]PFC[330]RR	1
							2	ELC[330]VLSHERPK	1
							2	SDPVTPKSEK	1
							3	SQFGSASHSEAVQEV	1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	*	12.94	*	*	*	3	3	M[147]KATNEPSLTHM[147]DC[339]STGPLSHEQK	1
							3	PPFGAM[147]EATLPSPAVVAQELWNKGALSLSHVAHLR	1
							2	SLPMTTC[330]TAC[330]QR	1
ROCK1_HUMAN (Q13464) Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (NY-REN-35 antigen) [MASS=158174]	*	6.57	*	*	*	4	2	YLSSANPNDNRTSSNADKSLQESLQK	1
							3	AKLLDLS DSTSVASFPSAETDGNLPESR	1
							3	EAQDMLNHSEKEKNNLEIDLNYK	1
							2	TESDTAVRLRK	1

RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	0.00	1.86	1.28	0.00	1	3	3	TLELIDISSKNIM[147]EEK	1
							2	INTKGRITK	1
							2	RLATPPSLDFC[339]YDSK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	0.50	*	*	*	1	1	FGLAKMK	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	*	5.31	*	*	*	4	2	ESQLSMLQLSTIEVATQLSM[147]R	2
							3	QVVRMTSANM[147]DPAMMFRQR	1
							2	ARYERYSGNQVLC[330]SETIAR	1
							3	TKVDDC[339]QFVC[339]IAQQDYWRILNHVEK	1
RPGR1_HUMAN (Q96KN7) X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interacting protein 1) [MASS=146679]	0.00	4.28	1.50	0.00	1	2	3	YPKADSEKM[147]C[330]IEIVSLAFYPEAEVMSDENIK	1
							2	DVAYGTRPLSLC[339]LETLPAGHGEDK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	0.00	7.27	0.54	0.00	1	1	2	C[330]PSYVGITGILLQETK	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	*	6.83	*	*	*	1	3	AFVAIGDYNGHVGLGVKC[339]SK	2
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	0.99	5.32	1.32	0.00	1	1	2	AC[339]QSIYPLHDFVFR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	1.40	*	*	*	1	3	LNDLSDSNLDEEESSEDFK	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	9.54	0.49	0.00	1	3	2	DHLLLEESTFAPYIDDLSEEQRRAPIQITTPVK	1
							2	QSPVAMETASTGVAGVSSAMDHTFSTTSK	1
							2	YTDC[330]LQFYVNSTLK	1
RUVB1_HUMAN (Q9Y265) RuvB-like 1 (EC 3.6.1.-) (49 kDa TATA box-binding protein-interacting protein) (49 kDa TBP-interacting protein) (TIP49a) (Pontin 52) (Nuclear matrix protein 238) (NMP 238) (54 kDa erythrocyte cytosolic protein) (ECP-54) (TIP60-associ) [MASS=50228]	0.00	3.73	0.45	0.00	1	1	2	VPFC[330]PM[147]VGSEVYSTEIK	1

S19A1_HUMAN (P41440) Folate transporter 1 (Solute carrier family 19 member 1) (Placental folate transporter) (FOLT) (Reduced folate carrier protein) (RFC) (Intestinal folate carrier) (IFC-1) [MASS=64868]	0.00	2.88	0.55	0.00	1	1	2	HC[330]QRGHHPRQPPAQGLR	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	0.00	7.47	0.81	0.00	1	3	2 YNC[330]TIVQYIGELC[330]R 1 DRTGDTFR 3 NEFVGLWLGMAKLGVEAALINTNLRR	1 1 1	
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	*	3.08	*	*	*	7	3 NHPSVSWLKM[147]VWK 3 LDNC[339]TM[147]FRFPLRNAEMAK 2 LPADLRLSISVIDSSDEATIRLANMLK 2 SIYEFLSAEK 2 IVSSLDLYK 3 RLGLVPC[330]GAVGVQLSEIQDQKWTVK 2 GGVAAC[339]ITHNYKKPHR	1 1 1 1 1 1 1	
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	10.02	1.55	0.02	7	3	2 THFFLNAGNLC[330]NLNYGEGPK 2 IC[339]DGVQFGAGIR 2 THFFLNAGNLC[339]NLNYGEGPK 2 TKDDIIC[339]EIGDVFK 2 TKDDIIC[330]EIGDVFK 2 IC[330]DGVQFGAGIR	1 1 2 1 1 1	
SAPS3_HUMAN (Q5H9R7) SAPS domain family member 3 (Sporulation-induced transcript 4-associated protein SAPL) (Protein phosphatase 6 regulatory subunit 3) [MASS=97669]	*	2.18	*	*	*	1	3 EDVTLKELMDEEDVLQEC[330]K	1	

							1	GC[339]SFLPDPYQK	1
							3	LGPGMADIC[330]KNIYSQYSEIAIQM[147]M[147]M[147]HMQPK	1
							3	QC[339]DQFVAEYEPVLIIEILVEVM[147]DPSFVC[339]LK	2
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	27.10	1.72	0.03	10	6	3	QC[339]DQFVAEYEPVLIIEILVEVMDPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	3
							3	PGEVC[339]SALNLC[339]ESLQK	1
							3	TNSTFVQALVEHVKEEC[339]DRLGPGMADIC[339]K	1
							2	SKPQPKDNGDVC[339]QDC[339]IQMVTDIQTAVR	1
							2	GC[330]SFLPDPYQK	1
							1	GC[330]SFLPDPYQK	2
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	*	3.54	*	*	*	1	2	WLSQYID	1
SATB1_HUMAN (Q01826) DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1) [MASS=85956]	0.00	8.26	1.19	0.00	1	3	2	AGISQAVFARVAFNRTQGLLSEILR	1
							3	MQGVPLKHSGHLM[147]KTNLR	1
							3	SQGWLC[339]ELLRWKEDPSPENR	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.42	0.15	4	1	2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	0.92	4.03	1.21	0.00	1	2	2	DGLIPLEIR	1
							2	SPQYC[330]QVIHR	1
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	0.00	2.51	0.37	0.00	1	3	3	VLIHALFSMFIM[147]ITILTNC[330]VFM[147]TM[147]SDPPPWSK	1
							2	EGLLANTMSK	1
							1	C[330]AHK	1
SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	0.00	2.73	0.73	0.00	1	3	3	KNSTVDC[330]NGVVSLGAGDPEATSPGSHLLR	1
							3	RKHEEVSAM[147]VIQR	1
							1	QQESQPVSGWPR	1

								3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	4
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	14.04	1.63	0.05	12	5		2	STGC[339]DFAVSPK	1
								3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	2
								1	C[330]TLPLTGK	1
								1	C[339]TLPLTGK	2
								2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
								2	MVKGMGGAMDLVSSAKTK	1
								2	NFNLPM[147]C[339]K	1
SCPDH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	0.98	6.53	1.68	0.00	1	1		3	LGRPTLSSEVGIIC[339]DIANPASLDEMAK	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	1.00	7.49	0.78	0.00	2	2		2	QEESITVQTMNMLR	1
								2	SSPC[330]IHIFTGTPDPSR	1
								2	SSPC[339]IHIFTGTPDPSR	1
SDHL_HUMAN (P20132) L-serine dehydratase (EC 4.3.1.17) (L-serine deaminase) [MASS=34702]	0.00	9.15	2.49	0.00	1	2		2	M[147]MSGEPLHVK	1
								2	M[147]DSAQPSGSFKIRGIGHFC[339]K	1
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	0.00	3.46	2.02	0.00	1	1		2	ALPFHPKDIMGAFSHSEMQMINQYC[339]K	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	2.19	*	*	*	1		3	DHIFLLSLVDLNKNFKK	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	0.00	4.85	0.09	0.00	1	3		2	RSC[339]QSKGK	1
								3	NTPWTPWLPVNVTTQGGARQEQR	1
								3	VFM[147]C[330]GTNAFSPMC[330]TSRQVGNLSR	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	14.91	1.56	0.27	4	4		2	DVTC[330]DVHYENYR	1
								2	DVTC[339]DVHYENYRAHC[339]IQQMTSK	1
								2	ADC[330]LVPSEIRK	1
								2	AHC[330]IQQM[147]TSK	1
								2	NLEGYVGFANLPNQVYRK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	0.99	13.73	1.06	0.00	2	4		3	IKIYEFPETDDEEENK	1
								2	ADTLTPEEC[339]QQFKK	2
								2	QIM[147]KEIQEHKIK	1
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	0.99	4.15	0.96	0.00	1	1		2	SVTQGFNFNLC[339]VGETGIGK	1

SERB_HUMAN (P78330) Phosphoserine phosphatase (EC 3.1.3.3) (PSP) (O-phosphoserine phosphohydrolase) (PSPase) (L-3-phosphoserine phosphatase) [MASS=25008]	0.00	24.89	0.82	0.00	1	3	2	SIVEHVASKLNIPATNVFANRLK	1
							2	IC[330]GVEDAVSEM[147]TRRAMGGAVPFK	1
							2	RAMGGAVPFK	1
SERC3_HUMAN (Q13530) Serine incorporator 3 (Tumor differentially expressed protein 1) [MASS=52580]	*	2.54	*	*	*	1	3	SC[330]NPNLM[147]SFITR	1
							3	SINSEVLKFSLDSQVNHMRK	1
							3	LNLFLRGNLSLWQLTSQETHQLQSC[330]LK	1
							2	IAGLSKSLETSSALSPSLK	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	7.13	*	*	*	8	3	PVGEMKNESC[339]NVLHPQSPNNSNRQGC[339]K	1
							3	QTEAIRC[330]SSDWPFQPYLVFDVGDGSER	1
							3	YEM[147]FLNFGQC[330]GPPASLC[339]QSISRPVPVR	1
							2	MHPDIC[339]LFPSNYVYNRNLK	1
							3	LSLLAQASVITFPSDSPQNSSQLQR	1
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.00	4.23	1.46	0.00	1	2	3	HNLITEMVALNPDK	1
							2	C[339]GGAGHIASDC[339]K	1
SF3A1_HUMAN (Q15459) Splicing factor 3 subunit 1 (Spliceosome-associated protein 114) (SAP 114) (SF3a120) [MASS=88886]	*	1.01	*	*	*	1	2	NYQDFDLR	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	5.92	1.50	0.00	1	1	2	FVPFAAVAAANC[339]JINIPLMR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	0.00	8.10	*	*	*	1	2	QRELQVGIPVADEAGQRLGYSVTAAK	1
							3	EPNAEC[339]M[147]NQIEDNDDFQLQK	1
							3	VPLTSNDEDEDKEKMQC[339]DNNIK	2
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	0.00	6.72	1.09	0.00	2	4	3	ELQIPALSTRDNENQC[339]DYR	1
							2	DKETISENLQVTNEFQTVDLLIK	1
SHOC2_HUMAN (Q9UQ13) Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) [MASS=64888]	0.00	4.64	0.47	0.00	1	1	3	QLPAEIGELC[330]NLITLDVAHNQLEHLPK	1

SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812])	1.00	6.76	0.35	0.20	7	2	2	ATPQHTVSFTC[330]ESHGFSR	2
							3	ATPQHTVSFTC[330]ESHGFSR	1
							2	ATPQHTVSFTC[339]ESHGFSR	2
							2	LTC[339]QVEHDGQPAVSK	1
2	LTC[330]QVEHDGQPAVSK	1							
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	*	1.09	*	*	*	1	2	SPRQPPAPR	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	0.00	4.95	1.55	0.00	1	1	3	AAPEC[339]C[339]APPTPEAPGAPAQLPFVLLNYHRVLAR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.99	8.29	0.34	0.18	2	2	3	ATPEHTVSFTC[330]ESHGFSR	1
							3	GLQLTWLENGNVS	1
							2	ATPEHTVSFTC[330]ESHGFSR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	5.66	0.85	0.00	1	1	3	C[330]EDC[330]QSLVKPDIVFFGESLPR	1
SIVA_HUMAN (O15304) Apoptosis regulatory protein Siva (CD27-binding protein) (CD27BP) [MASS=18695]	*	14.86	*	*	*	1	2	LIRSLGQASEADPSGVASAC[330]SSC[339]VR	1
SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	*	1.77	*	*	*	1	3	TDPWLLAVLGAPVPSDLQAQR	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.46	*	*	*	3	2	GAFDDM[147]KELERLR	1
							3	EQYFIPGTEDYQLNSEC[339]NSDVVC[339]PHK	1
							2	GLDGLRTLMLRNNR	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	0.00	1.18	11.36	0.00	1	1	2	NLQLDYNQISC[339]IEDGAFR	1
SLUR1_HUMAN (P55000) Secreted Ly-6/uPAR-related protein 1 precursor (SLURP-1) (ARS component B) (ARS(Component B)-81/S) (Anti-neoplastic urinary protein) (ANUP) [MASS=11186]	*	14.56	*	*	*	1	2	EPM[147]TSASC[339]RTITRC[339]K	1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	*	5.37	*	*	*	2	2	KIAVVQPEKQLPPTVPVK	1
							3	NNPDYVWATIITTC[330]GQLLLRYC[330]GYGEDR	1

							2	GYEYC[339]R	10
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	3.59	*	*	*	4			
							2	TAM[147]EFQR	1
							3	LFELLEKEILYYR	1
							2	IQYGTSKGGK	1
							2	RLC[330]GLKVEVDM[147]EK	6
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	8.76	0.16	0.62	3	2			
							3	GEPYM[147]SIQPAEDPDDYDDGFSM[147]K	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	*	4.86	*	*	*	2			
							2	EYNVNDDSMKLGNNNTSEKADGLSK	1
							3	RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	0.00	3.80	0.16	0.00	1	2			
							2	VHVKWILDTDIFNEWM[147]NEEDYEVDENRK	1
							2	LNPQEYLTSTAC[330]JRR	1
SMYD5_HUMAN (Q6GMV2) SET and MYND domain-containing protein 5 (Protein NN8-4AG) [MASS=47340]	0.00	7.66	0.17	0.00	1	1			
							3	LAATEQYHQVLC[330]PGPSQDDPLHPLNKLQEAWR	1
SN1L1_HUMAN (P57059) Serine/threonine-protein kinase SNF1-like kinase 1 (EC 2.7.11.1) (Serine/threonine-protein kinase SNF1LK) [MASS=84902]	0.00	2.68	0.92	0.00	1	1			
							3	VLEGRFRIPFFM[147]SQDC[330]ESLIR	1

SNAAP_HUMAN (P54920) Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive factor attachment protein, alpha) [MASS=33247]	0.85	10.85	0.85	0.00	1	2	3	LLEAHEEQNVDSYTESVK AALC[330]HFC[330]IDM[147]LNAK	1 1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	8.05	0.96	0.02	3	2	2	AALC[339]HFIVDELNAK AALC[330]HFIVDELNAK IEEAC[330]EM[147]YTR	1 1 1
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.98	21.40	0.68	0.00	1	2	2	C[330]VFNGNAGAC[330]R TAPGPATTQAGDAARAAIAFSFFSILSWVALTVKALQR	1 1
SNX17_HUMAN (Q15036) Sorting nexin-17 [MASS=52901]	0.00	20.00	0.31	0.00	1	4	2	MRC[330]WRVTSSVPLPSGSTSSPGR VLVNVLTSDQTEDVLEAVAAK	1 1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	*	11.72	*	*	*	2	3	DC[330]PVVVSAGNSELSLQLRPGQQLREGSFR KLQEFELPYVSVTSLRSQEYK WVKIFTYPYFNYM[147]HEC[339]FER VGMDSTTVNYFALFEVISHSFVRKLPNEFFPK	1 1 1 1
SNX6_HUMAN (Q9UNH7) Sorting nexin-6 (TRAF4-associated factor 2) [MASS=46648]	*	3.69	*	*	*	1	3	EKLQKLGEGEGSM[147]TK	1
SO1C1_HUMAN (Q9NYB5) Solute carrier organic anion transporter family member 1C1 (Solute carrier family 21 member 14) (Organic anion transporter F) (OATP-F) (Organic anion-transporting polypeptide 14) (Organic anion transporter polypeptide-related protein) [MASS=78696]	0.00	5.34	0.82	0.00	1	2	3	QPC[339]C[330]GELK IIGAGC[330]VIM[147]GVGTLLIAM[147]PQFFM[147]EQYKYER	1 1
SOCS5_HUMAN (O75159) Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2-containing protein 5) (Cytokine-inducible SH2 protein 6) (CIS-6) [MASS=61246]	*	3.17	*	*	*	1	2	NISIGDSTPQQSSPLR	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	0.99	21.57	0.70	0.00	1	1	3	GLTEGLHGHHVHEFGDNTAGC[339]TSAGPHFNPLSR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.99	10.10	0.84	0.00	1	1	3	C[339]LTQSGIAGGYKPFNLETC[339]R	1

SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding [MASS=248440])	0.00	1.67	2.49	0.00	1	3	2	PC[330]SLLC[339]LPKANNRSRC[339]R	1
							2	M[147]IPDSRLPPR	1
							3	EDYEC[339]DFGFK	1
							1	M[147]IPDSRLPPR	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	8.42	*	*	*	4	1	DM[147]RLM[147]FR	1
							2	VTQRKDDSTWNSEVMM[147]R	1
							3	TPSTPRRVQTGAASPGHGIQEK	1
							3	PKSDTVDFHC[330]SK	6
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	7.04	*	*	*	1	2	SRSRSLDIQPSSEGLGPTSEFPSSDDSPR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	3.90	*	*	*	1	3	PPPPC[330]LAPAPPAAGPAPPESPHK	1
SPG7_HUMAN (Q9UQ90) Paraplegin (EC 3.4.24.-) (Spastic paraplegia protein 7) [MASS=88135]	0.00	11.45	2.13	0.00	1	5	2	EGHTSVHTLNFYAVERVLAGTAKK	1
							3	MC[339]MALGGRASEALSFNEVTSGAQDDL	1
							3	AYRHTEKVLQDNLDK	1
							1	FLQLGAK	1
							2	APC[330]IVYIDEIDAVGKKR	2
SPON1_HUMAN (Q9HCB6) Spondin-1 precursor (F-spondin) (Vascular smooth muscle cell growth-promoting factor) [MASS=90973]	0.00	11.15	4.12	0.00	1	4	2	PGTSYRVTLAAPPYFR	1
							3	EEDHAGTFQIIDEETQFMSNC[339]PVAVTESTPR	1
							3	KLC[330]EQDSTFDGVTDKPILDC[339]C[339]AC[339]GTAK	1
							2	M[147]IKM[147]NPADGSM[147]C[339]K	1
SPRE2_HUMAN (Q7Z698) Sprouty-related, EVH1 domain-containing protein 2 (Spred-2) [MASS=47498]	*	6.70	*	*	*	1	3	AVVMTRDDSSGGWFPEGGGISRVGVC[330]K	1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	*	1.27	*	*	*	1	3	TQLVTMC[339]HMGPKVFM[147]NC[330]AGFLK	1

SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	*	2.94	*	*	*	4	2	M[147]VEEGHFAAEDVASRVKSLNQNM[147]ESLR	1
							2	TAAINADELPTDVAGGEVLLDR	1
							3	TKLGDYANLKQFYR	1
							1	NLAVMSDK	1
							1	EFSMMFK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	0.98	5.10	0.84	0.00	1	6	2	ALC[339]AEADRLQQSHPLSATQIQVK	1
							2	MTLVASEDYGDTLAAIQGLLK	1
							3	EAHDAFRSSLSSAQADFNQLAELDR	1
							3	LGESQTLQQFSRDVDEIEAWISEK	1
							3	ALC[330]AEADRLQQSHPLSATQIQVK	1
							2	FLSDFRDLMSWINGIRGLVSSDELAK	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	1.00	3.23	0.89	0.19	2	4	3	TQLVDTADKFRFFSMAR	1
							2	FFSM[147]ARDLLSWM[147]ESIIRQIETQER	1
							2	M[147]SHLEQC[339]FEELSNM[147]AAGAR	1
							2	IHC[330]LENVDK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	0.00	4.10	*	*	*	5	2	EKTKVIESTQDLGNDLAGVMALQR	1
							2	FFSM[147]VRDLMLWM[147]EDVIR	1
							3	LAEISDVWEEM[147]KTTLK	1
							2	HEAIETDIAAYEERVQAVAVAR	1
							2	FATDGEYKPC[330]DPQVIR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.00	1.51	*	*	*	2	2	AQGSVAFDYR	1
							2	FLWEVGAEAWVREQQHLLASADTGR	1
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	0.00	4.13	0.96	0.00	1	5	3	AWGELEKAEHEREAALR	1
							3	DC[330]HELDGWIHEKM[147]LMAR	1
							3	VEALNAAALRFSQLQGYQPC[330]DPQVIC[330]NR	1
							2	MLM[147]ARDGTREDNHK	1
							3	DALAVYRM[147]FGEVHAC[330]ELWIGEKEQWLLSM[147]R	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	1.50	0.02	4	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[330]NVTQDM[147]LC[330]THEETFGPLAPVIK	1
							3	NFFEPTLLC[330]NVTQDMLC[330]THEETFGPLAPVIK	1
SSH1_HUMAN (Q8WYL5) Protein phosphatase Slingshot homolog 1 (EC 3.1.3.48) (EC 3.1.3.16) (SSH-1L) (hSSH-1L) [MASS=115510]	0.00	4.39	1.61	0.00	1	3	2	GRSGSLLQVEETEREEGLGAGR	1
							2	RSC[339]PNGM[147]EDDAIFGILNK	1
							1	DGPASR	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	*	10.19	*	*	*	1	3	M[147]C[339]TSETFQALDTFEARHDDIVLASYPK	1

STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	*	1.89	*	*	*	1	3	DLNENLAAAQGLAHMIMEC[330]DR	1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	0.00	4.11	2.38	0.00	1	2	2	SPDWYNKVFVGHLC[339]AM[147]EVAK	1
							3	SLSIESLC[330]PEDGHLADWQPGR	1
STF1_HUMAN (Q13285) Steroidogenic factor 1 (STF-1) (SF-1) (Adrenal 4-binding protein) (Steroid hormone receptor Ad4BP) (Fushi tarazu factor homolog 1) [MASS=51636]	0.00	2.17	2.04	0.00	1	1	3	ILGC[339]LQEPTK	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	0.00	2.68	0.16	0.00	1	1	3	MLVLGLLVAGAADGC[330]ELVPR	1
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Clik1) (PDLIM1-interacting kinase 1) [MASS=44573]	0.00	14.71	0.20	0.00	1	3	3	IRC[330]DAPENVELALAEFWALTSKLR	1
							2	VADFGLSKVC[339]AGLAPR	1
							2	DM[147]LAANPQDRPDFAFELETR	1
STON2_HUMAN (Q8WXE9) Stonin-2 (Stoned B) [MASS=101164]	0.00	3.65	0.29	0.00	1	2	3	STLMNFSKVQKLDISSLNR	1
							2	FHGC[330]VDEDVFHNSR	1
							2	YSTHLHLAEDC[330]M[147]K	2
							3	YSTHLHLAEDC[330]M[147]K	1
							2	LAEQIATLC[330]ATLK	1
							2	YSTHLHLAEDC[330]MK	2
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	10.77	0.66	0.18	16	5	2	M[147]LSSC[330]C[330]K	1
							2	YSTHLHLAEDC[339]M[147]K	1
							2	HYQGTVDKLC[330]R	2
							2	AAHVFFTDSC[330]PDALFNELVK	1
							2	M[147]LSSC[339]C[339]K	1
							1	LAEQIATLC[330]ATLK	2
2	HYQGTVDKLC[339]R	2							

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	11.11	1.16	0.06	3	2	3	IIC[339]QGFTGK	2
							2	TRLIGPNC[339]PGVINPGECC[339]KIGIM[147]PGHIHK	1
							2	IIC[330]QGFTGK	1
							2	IIC[339]QGFTGK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	1.00	2.16	1.57	0.03	2	1	2	IC[330]NQVLVC[330]ER	1
							2	IC[339]NQVLVC[339]ER	1
SUFU_HUMAN (Q9UMX1) Suppressor of fused homolog (SUFUH) [MASS=53946]	0.00	6.61	0.83	0.00	1	1	3	GIETDGSNLSGVSAKC[330]AWDDLSPPEDEDSR	1
SULF1_HUMAN (Q8IWU6) Extracellular sulfatase Sulf-1 precursor (EC 3.1.6.-) (HSulf-1) [MASS=101026]	0.00	6.08	2.19	0.00	1	3	2	KRLQTLM[147]SVDDSVR	1
							2	TRKIM[147]EHGGATFINAFVTPM[147]C[339]C[330]PSR	1
							2	GFHDKDKEC[339]SC[339]R	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	4.83	*	*	*	1	2	ESSPKQYM[147]QLGGR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	*	4.33	*	*	*	2	2	NLIAPIFLHRTLTYMSHRNSR	1
							3	RTPITHILVC[339]R	1
							3	SAFLASANAC[339]RR	1
							3	VQASKNPLKM[147]LAAR	5
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	1.17	*	*	*	2			
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	0.99	2.78	1.68	0.00	1	2	3	YNVYPTYDFAC[330]PIVDSIEGVTHALR	1
							3	HEELMLGDPC[339]LKDLK	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.95	1.19	1.19	0.05	2	1	2	LHQNIC[339]R	2

SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	0.99	4.07	0.83	0.00	1	3	2	PSSGNLLQSPEPSYGP	1
							2	VVNSHC[330]VFPR	1
							2	GPSAEMQGYMMRDLNSSIDLQSFMAR	1
SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine--tRNA ligase homolog) (HisRS) [MASS=56888]	0.00	4.74	5.81	0.00	1	2	2	ILDLVISC[339]FKR	1
							3	EKILDLVISC[330]FKR	1
SYIC_HUMAN (P41252) Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) [MASS=144958]	*	2.21	*	*	*	2	2	LYLINSPPVRAENLR	1
							1	LKGAFKAVM[147]TSIK	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.00	3.75	3.31	0.00	1	2	3	C[330]WKYTAESSDTLC[339]PRC[339]AEVVSGK	1
							2	SC[339]QTALVEILDVIVR	1
							3	PVATSNIQELQAQISR	1
							3	LEDTLEEDIKTM[147]EM[147]VK	1
							2	KLSQSLPDHHEELHAEQM[147]R	1
							3	ELC[339]EWLTQM[147]ESKVSQNGDILIEEMIEK	1
							3	ELYEKTEDESFKDTAQEELK	1
							3	TRSVNGIPVPPDQLEDM[147]AER	1
							3	SQYERALQDLADLLETGQEKMAGDQK	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	0.00	4.58	0.24	1.23	2	20	2	QM[147]TSFYDSLKINEIITVLER	1
							2	LLDPEDVDVDPDEKSIM[147]TYVAQFLK	1
							2	QNVHAHLQGTKDSYSAIC[339]STAQR	1
							3	VKDHDYNSQLQVEKWLQ[147]SGR	1
							2	SADSLSPQPSSNLSLSLAQPLR	1
							2	QASVNTIIEK	1
							2	FVLLDHLQSLSEAEDHTRALHR	1
							2	QALQDC[330]ASELGSFEDQHR	1
							2	HSELELNIAQNMVSQVK	1
							2	GLGTVKDSLFFLHELGEQLK	1
							2	ALHDKQLNMQGTAEK	1
							3	AIILSINLC[330]SPEFTQADSKESR	1
							3	GEAKASSPEM[147]DISADR	1
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	0.95	5.28	0.76	0.00	1	1	2	LHQVTFEVPTC[330]EGK	1
SYP2L_HUMAN (Q9H987) Synaptopodin 2-like protein [MASS=102468]	0.00	4.50	0.70	0.00	1	2	3	TKC[339]RTIASLLTAAPNPHSK	1
							2	TAM[147]FC[339]FDEVPPTPGPIASGSPKTAR	1

SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.54	0.14	4	2	1	LHQVYFDAPTC[330]R	1
							2	LHQVYFDAPTC[339]R	1
							2	EM[147]PVC[339]R	2
							2	EM[147]PVC[330]R	1
SYQ_HUMAN (P47897) Glutaminyl-tRNA synthetase (EC 6.1.1.18) (Glutamine--tRNA ligase) (GlnRS) [MASS=87798]	*	3.23	*	*	*	1	3	VIIITNFPAAKSLDIQVPNFPADETK	1
							2	M[147]GSQHSAAARPSSC[330]RR	1
T106C_HUMAN (Q9BVX2) Transmembrane protein 106C (Endoplasmic reticulum membrane protein overexpressed in cancer) [MASS=27875]	0.00	6.40	0.48	0.00	1	1	2	M[147]GSQHSAAARPSSC[330]RR	1
TAU_HUMAN (P10636) Microtubule- associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	1.85	*	*	*	1	3	TPSSGEPKSGDR	1
							2	SIQFVDWC[330]PTGFK	1
							2	YMAC[339]C[339]LLYR	1
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	20.54	0.91	0.07	10	5	3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	2
							2	LISQIVSSITASLR	1
							2	YMAC[330]C[330]LLYR	1
							2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							2	YM[147]AC[330]C[330]LLYR	2
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	0.00	13.56	*	*	*	3	2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
							3	LSDQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
							3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLMER	1
							3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	2
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	0.00	13.56	*	*	*	3	3	C[339]DPRHGKYM[330]C[339]MLYR	1
							2	TIQFVDWC[339]PTGFK	1
							3	LADLC[330]TGLQGFLVFHSGGGTSGGFASLLM[147]ER	1

							3	LADQC[330]TGLQGFLVFHSFGGGTGSFGFTSLLMER	2
							3	LADQC[339]TGLQGFLVFHSFGGGTGSFGFTSLLM[147]ER	3
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	7.10	*	*	*	1	2	LADQC[330]TGLQGFLVFHSFGGGTGSFGFTSLLM[147]ER	1
							2	LADQC[339]TGLQGFLVFHSFGGGTGSFGFTSLLM[147]ER	1
							3	LADQC[339]TGLQGFLVFHSFGGGTGSFGFTSLLMER	2
							3	LADQC[330]TGLQGFLVFHSFGGGTGSFGFTSLLM[147]ER	3
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.87	0.08	13	1	3	AYHEQLTVAEITNAC[339]FEPANQM[147]VK	1
TBA8_HUMAN	0.00	4.01	*	*	*	1	3	GDVVPKDVNVAIAAIKTK	1
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	*	1.33	*	*	*	1	2	EEYPDR	1

TBB2C_HUMAN (P68371) Tubulin beta-2C
chain (Tubulin beta-2 chain) [MASS=49831]

1.00 26.97 * * * 6

3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
2	NM[147]MAAC[330]DPR	1
2	NM[147]M[147]AAC[330]DPRHGR	1
3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	2
2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	2
2	NM[147]M[147]AAC[339]DPRHGR	1
2	NM[147]MAAC[339]DPR	1
3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
2	NMM[147]AAC[330]DPR	1
1	TAVC[330]DIPPR	2
2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	4
2	NM[147]M[147]AAC[330]DPR	4
3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1

								2	TAVC[330]DIPPR	4
								3	LTPTYGDLNHLVSATM[147]SGVTTC[339]LR	4
								2	TAVC[339]DIPPR	3
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*		6	2	NM[147]M[147]AAC[339]DPR	5
								1	TAVC[339]DIPPR	1
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	5
								3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
								2	EIVHIQAGQC[339]GNQIGAK	4
								2	EIVHIQAGQC[330]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	12.39	0.80	0.55	46		3	2	M[147]REIVHIQAGQC[339]GNQIGAK	2
								3	EIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[339]GNQIGAK	1
								1	EIVHIQAGQC[330]GNQIGAK	1
								2	YVPRAILVDLEPGTMDSVR	1
								2	M[147]REIVHIQAGQC[330]GNQIGAK	1
								3	EIVHIQAGQC[330]GNQIGAK	2
TBB4_HUMAN	1.00	4.05	*	*	*		1	2	GRMSM[147]KEVDEQMLSVQSK	1

TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	17.04	0.63	0.00	1	4	2	EIVHIQAGQC[330]GNQIGTK	1
							2	IMNTFSVM[147]PSPK	1
							3	GLKMASTFIGNSTAIQELFK	1
							3	YLTVATVFRGPMMSMKEVDEQM[147]LAIQSK	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	*	1.03	*	*	*	1	2	MLKFLM[147]FDMGLR	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	0.00	3.14	1.67	0.00	1	1	3	M[147]LKFLM[147]FDM[147]GLR	1
							2	ESEEELEAQISFLQGQLNDLDAMC[339]K	1
							2	EGM[147]RGRSPSQYHDFAEK	1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	7.70	*	*	*	8	1	LEAIVQKITSPNIRR	1
							2	VGGREGM[147]R	1
							2	KQQQPPPPPPQPPQIPEGSADGEPK	1
							2	IGRNDRLNPTLSQSVILPGGLVSMETK	1
							2	C[339]LMSSDGLPNKGMELKHGSQK	1
							2	PTPMRRVPGR	1
							2	QMYQQQPEEYKDWSSGSAQGVIAAAQHR	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.20	7.32	0.66	0.00	1	2	1	EFREGGR	1
							2	C[330]LFMSGLSEVQLNHMDDHTLPGK	1
TDRD5_HUMAN (Q8NAT2) Tudor domain-containing protein 5 [MASS=76592]	0.00	4.99	1.08	0.00	1	1	3	QIQLSTAAPC[339]STTAVDDSAEKPSGVSPEILK	1
TE2IP_HUMAN (Q9NYB0) Telomeric repeat-binding factor 2-interacting protein 1 (TRF2-interacting telomeric protein Rap1) (hRap1) [MASS=44260]	0.00	7.27	*	*	*	1	2	LGPASAADTGSEAKPGALAEAAEPEPQR	1
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	0.85	18.75	1.03	0.05	2	2	2	HLNEIDLFHC[330]IDPNDSK	1
							2	LTFSC[339]LGGSDNFK	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	*	2.59	*	*	*	5	3	C[330]EGGRC[339]VC[339]DPGYTGDDC[330]GM[147]R	1
							3	C[330]VC[330]EDGYSGEDC[330]GVR	1
							3	MNMYGLHDGQRM[147]GPLSVVIVTAPATEASK	1
							3	GRC[339]EGGRC[330]VC[339]DPGYTGDDC[330]GMR	1
							3	LSWTVAQGPFDSEFVVQYRDTDGQPR	1

							2	LPFMAMLRNLC[330]NLLR	1
							3	PAQHVQALLGYRYPNLQLFSRSR	1
							1	SVIHSR	1
							3	YPSNLQLFSRSR	1
							1	VGISSR	7
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	4.19	*	*	*	7			
							3	TLAFNVPGGVVAVGRLDISM[147]VELWAWREGAR	1
							3	SIRLFISSTFRDM[147]HGER	1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	0.97	7.70	0.53	0.00	1	3	2	QAAPC[330]VLFFDELDSIAK	1
							3	EDEEESLNEVGYDDIGGC[339]R	1
							3	PDIIDPAILRPGRLDQLIYIPLPDEK	1
TF3A_HUMAN (Q92664) Transcription factor IIIA (Factor A) (TFIIIA) [MASS=46848]	0.00	8.04	2.15	0.00	1	2	2	QQQGLSLC[339]QNGESPNC[339]VEDK	1
							2	RSLASHLSGYIPPK	1
TF3C1_HUMAN (Q12789) General transcription factor 3C polypeptide 1 (Transcription factor IIIC-subunit alpha) (TF3C-alpha) (TFIIIC 220 kDa subunit) (TFIIIC220) (TFIIIC box B-binding subunit) [MASS=238294]	0.00	2.04	0.82	0.00	1	3	2	SKYDILM[147]EKLSVMLSTR	1
							1	NYHPIVVPGGLGR	1
							2	YISC[330]VFAEESDLSR	1
TGBR3_HUMAN (Q03167) TGF-beta receptor type III precursor (TGFR-3) (Transforming growth factor beta receptor III) (Betaglycan) [MASS=93428]	*	6.35	*	*	*	2	3	PVFNTSLLFLQC[339]ELTLC[330]TKM[147]EKHPQK	1
							3	C[330]VPPDEAC[330]TSLDASIIWAMM[147]QNKKTFTK	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	10.08	5.12	0.00	1	2	3	GITTEQLDALGC[339]R	1
							2	AGELWLPHGTVATPVFM[147]PVGQTQATM[147]K	1
THA_HUMAN (P10827) Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1) (EAR-7) (EAR7) [MASS=54815]	*	8.57	*	*	*	2	3	IITPAITRVVDFAK	1
							3	KLPMFSELPC[339]EDQIILLKGC[339]C[339]M[147]EIM[147]SLR	1

THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	*	4.48	*	*	*	1	3	IAQFLSDIPETVPLSTVNR	1
							2	IHMGSC[339]AENTAK	1
							2	IHM[147]GSC[339]AENTAK	3
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.64	0.08	6	1			
							2	IHM[147]GSC[330]AENTAK	2
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	*	4.03	*	*	*	1	3	PQTTLEQLKQLPPVFK	1
THNSL_HUMAN (Q8IYQ7) Threonine synthase-like 1 [MASS=83070]	0.84	2.29	0.66	0.00	1	1	2	NGIIVYLDVPLLDLIC[330]JR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	1.00	8.70	0.55	0.00	2	1	2	VTSLTAC[339]LVDQSLR	1
							2	VTSLTAC[330]LVDQSLR	1
							2	MC[330]SADYAGLLQTFQVFILDELTAR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	*	3.18	*	*	*	4	3	NGDYQAVQC[339]QTEGPC[330]WC[339]VDAQGKEM[147]HGTR	1
							2	SHGQDSPAVALKKGQGSTTTLQK	1
							1	LPFQKLM[147]GISIR	1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	0.00	2.51	0.46	0.00	1	2	3	MPPAAAEETPPYSNYNTLPC[330]RK	1
							3	QHSYTSNGPTFM[147]ETASFK	1
							2	C[339]VPPHYK	1
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	31.11	2.00	0.04	5	3	2	M[147]TSAC[339]HR	1
							2	EAELSKGESVC[330]LDR	1
							2	EAELSKGESVC[339]LDR	1
							2	C[330]VPPHYK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	0.98	15.79	1.81	0.01	2	1	3	C[339]IGKPGGSLDNSEQK	1
							2	C[330]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	1.00	17.98	1.69	0.02	3	1	2	EVKPEETTC[339]SEHC[339]LQK	1
							2	EVKPEETTC[330]SEHC[330]LQK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1

TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	*	4.66	*	*	*	2	3	SVSTSSPAGAAIASTSGASNNSSSN	1
							3	MAC[339]RDKSM[147]QDR	3
TMP57_HUMAN (Q7RXY8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	*	7.52	*	*	*	2	3	IC[339]EPTRLMSFVSTNNLMLVTFKSPHIR	1
							2	MC[330]HFKLVAIVGYLIR	1
TNF13_HUMAN (O75888) Tumor necrosis factor ligand superfamily member 13 precursor (A proliferation-inducing ligand) (APRIL) (TNF- and APOL-related leukocyte expressed ligand 2) (TALL-2) (TNF-related death ligand 1) (TRDL1) (CD256 antigen) [MASS=27433]	0.00	13.20	1.39	0.00	1	1	3	SMPSHPDRAVNSC[339]YSAGVFHLHQGDILSVIIPR	1
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	*	10.92	*	*	*	3	3	IYIM[147]KADTVIVGTVKAELPEGR	1
							2	KQC[339]EPDYLLDEADR	1
							3	PGM[147]IC[330]ATSATNSC[330]ARC[339]VPYPIC[339]AAETVTK	1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.73	9.14	1.25	0.00	1	1	3	TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HRK	1

								2	WKEVAQDC[339]TK	1
								3	SEM[147]EM[147]AHLYSLC[339]DAAHAQTEVAK	1
								3	ILLDQVEEAVADFDEC[339]IR	2
								2	C[339]IDLEPDNATTYVHK	1
								3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
								2	QYM[147]EEENYDKIISEC[339]SK	1
								2	SEM[147]EM[147]AHLYSLC[339]DAAHAQTEVAK	1
								3	QYM[147]EEENYDKIISEC[339]SK	1
								2	ILLDQVEEAVADFDEC[339]IR	2
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	32.57	1.39	0.06	15	12		2	ENSGYLK	1
								3	EC[339]LEDVTAVC[339]ILEGFQNQQSM[147]LLADK	1
								3	C[330]DFAYETM[147]GTIEVQRGNMEKAIDM[147]FNK	1
								1	RNSER	2
								2	YGLKPPTL	2
								3	ILLDQVEEAVADFDEC[330]IR	1
								2	C[339]AEGYALYAQALTDQQQFGK	2
TOP1M_HUMAN (Q969P6) DNA topoisomerase I, mitochondrial precursor (EC 5.99.1.2) (TOP1mt) [MASS=69871]	0.00	13.48	1.87	0.00	1	4		2	LKGETAWQK	1
								3	WRQLEHKGPFYAPPYEPLPDGVR	1
								2	SDNTVTWLAAWTESVQNSIKYIM[147]LNPC[339]SK	1
								2	LTTTSLNKHLLQELMDGLTAK	1
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	0.00	4.71	0.41	0.00	1	2		3	LALRAGNEKEEGETADTVGC[330]C[339]SLR	1
								2	IMPEDIINC[330]SK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.31	0.65	0.00	1	4		3	GNULLHFPSSQGEEEEK	1
								3	EQEAWEEATSEDSSVIVDVKEPSPR	1
								2	NSPEDLGLSLTGDSC[330]K	1
								3	TSSVLGM[147]SVESAPAVEEKEEGEELEQK	1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	24.60	0.76	0.03	2	3		2	EAGITEKVVFEQTK	1
								2	VAHALAEGLGVIAC[339]IGEK	1
								2	VAHALAEGLGVIAC[330]IGEK	1
								3	GWLKSNVSDAVAQSTRIIYGGSVTGATC[330]K	1
TPM2_HUMAN (P07951) Tropomyosin beta chain (Tropomyosin 2) (Beta-tropomyosin) [MASS=32851]	0.00	16.90	2.27	0.00	1	3		3	EAKHIAEDSDRK	1
								2	SVAKLEKTIDDLEDEVYAKQ	1
								2	C[339]GDLEEEELKIVTNLTK	1

TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	*	3.99	*	*	*	1	3	TIRFLHSFTM[147]YKLYQK	1
TR2_HUMAN (P13056) Orphan nuclear receptor TR2 (Testicular receptor 2) [MASS=53042]	*	6.21	*	*	*	1	2	STGLLDSGMFMNIHPGSKTESAVLM[147]TSDK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	0.00	6.92	4.37	0.00	1	3	2 SSSYM[147]JENANK 3 KALHDSLHDC[339]SHWFYTR 3 EEEEEPIIWSLELATRLDSR	1 1 1	
TRAF7_HUMAN (Q6Q0C0) E3 ubiquitin protein ligase TRAF7 (EC 6.3.2.-) (TNF receptor-associated factor 7) (Ring finger and WD repeat domain 1) (RING finger protein 119) [MASS=74609]	0.00	1.34	0.46	0.00	1	1	2 VWDTC[330]TTYK	1	
TRAP1_HUMAN (Q12931) Heat shock protein 75 kDa, mitochondrial precursor (HSP 75) (Tumor necrosis factor type 1 receptor-associated protein) (TRAP-1) (TNFR-associated protein 1) [MASS=80109]	0.00	5.11	1.26	0.00	1	3	2 ELLQESALIRK 1 LLDIVAR 2 APALAAVPGGKILC[339]PRR	1 1 1	
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	*	2.56	*	*	*	1	2 LQPPEVPMELR	1	
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	*	2.21	*	*	*	1	2 KPPVTFAEKGDVR	1	
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	*	5.19	*	*	*	2	3 MDEQSVESIAEVFRC[330]FIC[330]MEK 3 RTHLC[330]SAATSSLLDIDPLILHLLDLKDR	1 1	
TRI54_HUMAN (Q9BYV2) Tripartite motif-containing protein 54 (Muscle-specific RING finger protein 3) (MuRF3) (MURF-3) (Muscle-specific RING finger protein) (MuRF) (RING finger protein 30) [MASS=40328]	*	10.06	*	*	*	2	3 RQKNELSDGIAM[147]LVAGNDR 2 NLLVENIIDYKQESSR	1 1	
TRI56_HUMAN (Q9BRZ2) Tripartite motif-containing protein 56 (RING finger protein 109) [MASS=81487]	0.00	5.83	1.02	0.00	1	2	3 M[147]VSHGSSPSLLEALSSDFLAC[330]K 3 PGLEGLLAGVDNNLVELEAARR	1 1	

TRIM1_HUMAN (Q9UJV3) Midline-2 (Midline defect 2) (Tripartite motif-containing protein 1) (Midin-2) (RING finger protein 60) [MASS=81264]	*	2.66	*	*	*	1	2	STVLINQAEHILKENDQAR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	1.75	*	*	*	1	2	RKDNPIEDELVFR	1
TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	1.55	*	*	*	1	2	M[147]DVM[147]KDVM[147]LGK	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.18	*	*	*	2	2 3	GQTVEVLER THQSALQVQQKAEAMLQANHYDMDM[147]IR	1 1
TRMU_HUMAN (O75648) tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase (EC 2.1.1.61) [MASS=47744]	0.00	6.41	0.43	0.00	1	1	3	HQM[147]ALVPC[330]VLTLNQDGTVVVTAVQAVR	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	3.35	*	*	*	3	2 2 3 2	LTVLNSMHSFILADNGTTGKYGAEVK QRNTASLQNPFRSK QRNTASLQNPFRSK DEEEVQSKHRLIPLGR	1 1 1 1
TRPV1_HUMAN (Q8NER1) Transient receptor potential cation channel subfamily V member 1 (TrpV1) (osm-9-like TRP channel 1) (OTRPC1) (Vanilloid receptor 1) (Capsaicin receptor) [MASS=94938]	0.00	3.81	5.98	0.00	1	2	3 3	GFQQMGYAVM[147]IEKM[147]ILRDLC[339]R IAQESKNIWK	1 1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	*	1.26	*	*	*	1	2	LTGTYSIM[147]IQK	1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	0.99	5.53	1.10	0.00	1	2	2 3	C[339]GASYAQVM[147]R YFNIKASFVDEHTVC[339]GVAK	1 1

TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.00	7.94	1.33	0.00	1	2	3	M[147]C[339]SLHDHLSNLPLEGSTGMTGGGSSAGTPPK VTRSVEDAEIKTNVLK	1 1
TSSK6_HUMAN (Q9BXA6) Testis-specific serine/threonine-protein kinase 6 (EC 2.7.11.1) (TSSK-6) (Small serine/threonine kinase) (Serine/threonine-protein kinase SSTK) [MASS=30331]	*	5.49	*	*	*	1	2	DLKC[330]ENVLLSPDERR	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	*	5.99	*	*	*	2	2	PEQEPPVAEPVVC[330]TIFSQR ENLTM[147]PGLRFDNIQGDVAVKDLMLR	1 1
TTC7A_HUMAN (Q9ULT0) Tetratricopeptide repeat protein 7A (TPR repeat protein 7) [MASS=96184]	0.00	7.69	0.65	0.00	1	3	2	DAISMYARAGIDDMSMENKPLYQMR LWQTLYSFSQLGGLEKDGSGFGEGLTMK GPEEALVTC[330]RQVLR	1 1 1
TWF2_HUMAN (Q6IBS0) Twinfilin-2 (Twinfilin-1-like protein) (A6-related protein) (hA6RP) (Protein tyrosine kinase 9-like) [MASS=39548]	0.99	4.58	0.41	0.00	1	1	2	HLSSC[330]AAPAPLTAER	1
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.98	3.70	0.82	0.00	1	1	2	VDC[339]TAHSDVC[339]SAQGVR	1
UB2Q2_HUMAN (Q8WVN8) Ubiquitin-conjugating enzyme E2 Q2 (EC 6.3.2.19) (Ubiquitin-protein ligase Q2) (Ubiquitin carrier protein Q2) [MASS=42818]	*	5.33	*	*	*	1	2	QDHLNGAVSGSVQASDRLMK	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.96	3.21	0.48	0.00	1	2	2	VGEFC[330]HNR LAYVAAGDLAPINAFIIGGLAAQEVMK	1 1
UBE4A_HUMAN (Q14139) Ubiquitin conjugation factor E4 A [MASS=122560]	*	1.78	*	*	*	1	2	HC[330]ILSWLGNC[330]LHANAGRTK	1
UBN1_HUMAN (Q9NPG3) Ubinuclein (Ubiquitously expressed nuclear protein) (VT4) [MASS=121540]	*	7.76	*	*	*	4	2	MSEPHRVQFTSLPGSLNPAFLK ELAALNSRAAGNSEFTLPAPSK PSPSAPPPASSLQSPNFLAEQALALGQSSQEK VEALARKFEEK	1 1 1 1

							3	NDSVIVDTFHGLFK	8
UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	0.00	8.70	0.31	0.00	1	4			
							3	TPARDYNNSYYGLMLFGHPLLVSVPDR	1
							2	C[330]PFLDNC[330]LGTSQWPPR	1
							2	HTGISPERM[147]M[147]VADVFSHRFYK	1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	*	2.86	*	*	*	2			
							3	DAEEMRFLDAVHQNRLLPAAMK	1
							1	LPAAMK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	8.06	2.60	0.00	1	4			
							2	TGLINLGNTC[330]YM[147]NSVIQALFMATDFRR	1
							3	ELREYVSQVTKVSNLLQNIWK	1
							2	TM[147]QITEEPEYLILTLRR	1
							2	LQHLFAFLAHTQREAYAPR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	2.80	*	*	*	1			
							3	EQLSETEGSGEDEPGNDPSETTQKKIK	1
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	0.99	5.71	1.06	0.00	1	2			
							2	NLGNSC[339]YLNNSVVQVLFSPDFQR	1
							3	VDYIM[147]QLPVPM[147]DAALNKEELLEYEEK	1
UBQL1_HUMAN (Q9UMX0) Ubiquilin-1 (Protein linking IAP with cytoskeleton 1) (PLIC-1) (hPLIC-1) [MASS=62519]	*	1.70	*	*	*	1			
							2	NPAMMQEMM[147]R	1
UBQL3_HUMAN (Q9H347) Ubiquilin-3 [MASS=70841]	0.00	11.60	1.07	0.00	1	3			
							3	QLVLDNPHM[147]QQLIQHNPEIGHILNNPEIM[147]R	1
							2	QDGDQDAPDIRNRFNPLGIIR	1
							2	MENC[330]DPLPNPWTSTHGGSGSRQGR	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	35.87	0.71	0.06	8	4	2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	2
							3	NEAIQAAHDAVAQEGQC[330]R	2
							3	QTIGNSC[330]GTIGLIHAVANNQDKLGFEDGSVLK	1
							2	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	NEAIQAAHDAVAQEGQC[339]R	1
							1	FSAVALC[330]K	2
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	18.27	1.77	0.00	1	3	2	TRLQM[147]QGAAALAR	1
							3	FLLSGC[339]AATVAELATFPLDLTK	1
							3	GFLPSWLRMTPWSM[147]VFWLTYEKIR	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.62	0.05	18	4	2	EQC[330]EQLEK	2
							2	SHTEEDC[339]TEELDFDLHAR	2
							3	SHTEEDC[339]TEELDFDLHAR	2
							2	SHTEEDC[330]TEELDFDLHAR	2
							1	DHC[339]VAHK	2
							2	ERLELC[330]DER	1
							2	DHC[330]VAHK	2
							2	ERLELC[339]DER	2
							2	DHC[339]VAHK	3
							3	SHTEEDC[330]TEELDFDLHAR	1
UD12_HUMAN (P36509) UDP-glucuronosyltransferase 1-2 precursor (EC 2.4.1.17) (UDP-glucuronosyltransferase 1A2) (UDPGT) (UGT1*2) (UGT1-02) (UGT1.2) (UGT-1B) (UGT1B) (HLUGP4) [MASS=60018]	0.00	6.04	0.08	0.00	1	2	2	NHIMHLEEHLIC[330]HR	1
							2	ERVRNHIMHLEEHLIC[330]HR	1
UFO_HUMAN (P30530) Tyrosine-protein kinase receptor UFO precursor (EC 2.7.10.1) (AXL oncogene) [MASS=97436]	0.00	4.40	10.22	0.00	1	2	2	LIGVC[339]FQGSR	1
							3	FIHRDLAARNC[339]MLNENM[147]SVC[339]VADFGLSK	1

UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	0.00	2.61	*	*	*	2	3	YNSWPSSLQELLR	1
							2	GTEVNTTVIGENDPIDEVQGFLFGKLR	1
UGTAP_HUMAN (Q9HD40) UGA suppressor tRNA-associated protein (tRNA(Ser/Sec)-associated antigenic protein) (SLA/LP autoantigen) (Soluble liver antigen) (SLA) (Liver-pancreas antigen) (LP) (SLA-p35) [MASS=55726]	*	2.79	*	*	*	1	3	LVSPAYVRQGC[339]EAR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	6.19	*	*	*	4	3	LIFSHAVQM[147]VQSAALDEM[147]FQHR	1
							3	NLAKSQTLGKEIK	1
							2	PGWSGTPSPQGAEMRGGR	1
							2	QGVVM[147]TPPRNR	1
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	*	2.32	*	*	*	1	2	LSDQQGKTPIC[339]RHQGSTDSLNTER	1
UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	0.00	2.89	0.86	0.00	1	2	3	VLGLAVM[147]PLRDVTAKGSC[339]AC[330]WC[330]PLGR	1
							2	DDEIC[330]GTRNPTPHKILLDTR	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	*	3.54	*	*	*	1	2	SSPTGVILDLWEAQNFDPGNLSMLAAVLEEM[147]GR	1
							3	NALVSHLDGTPVC[339]EDIGR	1
							2	DVILREM[147]QENDASM[147]R	1
							2	NALVSHLDGTPVC[339]EDIGR	1
							3	LC[339]QSFQTFASIC[339]YAETGLLGAHFVC[339]DR	1
							2	LC[339]TSATESEVAR	2
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	24.58	1.77	0.12	12	6	2	NALVSHLDGTPVC[330]EDIGR	1
							2	YIYDQC[339]PAVAGYGPIQLPDYNR	1
							2	YIYDQC[330]PAVAGYGPIQLPDYNR	1
							3	YIYDQC[339]PAVAGYGPIQLPDYNR	1
							2	AVELLGDIVQNC[339]SLEDSQIEKER	2
							2	LC[330]TSATESEVAR	2

							2	ENM[147]AYTVEC[339]LR	1
							2	NALANPLYC[330]PDYR	2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	1.62	0.07	10	2	2	ENM[147]AYTVEC[330]LR	1
							3	NALANPLYC[339]PDYR	1
							2	NALANPLYC[339]PDYR	4
							2	ENMAYTVEC[339]LR	1
							1	NALANPLYC[339]PDYR	1
USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	0.00	2.48	2.80	0.00	1	7	2	C[339]KANVIGLRC[330]DHC[339]NFGFK	1
							2	C[339]C[339]ETELIPKSQK	1
							2	FRTDQLNGLLLFVYNK	1
							2	ESSLPALMTTM[147]M[147]K	1
							3	GAVVNLASVSSGAVRVNLDGC[339]LSTDSAVNC[339]R	1
							2	LHAQSHC[330]RC[330]PGSHPRVHPLAQR	1
							2	TYNIFSDGFLEYSGLNR	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	1.99	0.53	0.01	3	1	2	LFPHC[339]GR	1
							2	LFPHC[330]GR	2
VANG1_HUMAN (Q8TAA9) Vang-like protein 1 (Van Gogh-like protein 1) (Strabismus 2) (Loop-tail protein 2 homolog) (LPP2) [MASS=59975]	0.00	10.50	3.18	0.00	1	2	3	HMAGLKVYNVDGPSNATGQSRAMIAAAR	1
							3	QQNYHSM[147]ESILQHAF[339]ITNGM[147]TPK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	7.78	0.64	1.55	4	3	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							2	C[339]LGNPER	1
							2	C[330]LGNPER	1
							3	AVETTAQSDNKITWSIIR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	17.54	*	*	*	5	2	IPIFSAAGLPHNEIAAQIC[339]R	1
							2	TVC[339]SVNGPLVVLDRVK	1
							3	RIPQAVIDEFYSR	1
							2	IPIFSAAGLPHNEIAAQIC[330]R	1
							3	EHMQAVTRNYITHPRVTYR	1
							2	NFINQGPYENRSM[147]FESLDLSWK	1

VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	7.83	0.92	0.14	4	2	2	GPVVLAEFLDIM[147]GQPINPQC[330]R	1
							2	KDHADVSNQLYAC[330]YAIGK	1
							2	YQIDPDAC[339]FSAK	2
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	1.51	0.05	13	2	1	YQIDPDAC[330]FSAK	3
							2	EHINLGC[339]DMDFDIAGPSIR	1
							2	EHINLGC[339]DM[147]DFDIAGPSIR	2
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	18.73	1.61	0.02	5	4	2	YKWC[330]EYGLTFTEK	1
							2	WNTDNTLGTEIAIEDQIC[330]QGLK	1
							2	WNTDNTLGTEIAIEDQIC[339]QGLK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	10.95	1.69	0.03	5	2	2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[339]EYGLTFTEK	1
							2	WC[330]EYGLTFTEK	1
VILI_HUMAN (P09327) Villin-1 [MASS=92563]	*	3.51	*	*	*	1	1	VC[339]NYGLTFTQK	1
							3	MC[330]NTPTYC[330]DLGKAAKDVFNK	1
							2	VC[339]NYGLTFTQK	2
VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	*	8.91	*	*	*	5	2	VC[330]NYGLTFTQK	2
							2	TEKQVVVEGQEPANFWMALGGKAPYANTK	1
							2	ASDEVTRLAKEVAK	1
							2	AASDELSKTISPM[147]VM[147]DAK	1
							2	ERREILGTC[330]K	1
							3	C[339]DRVDQLTAQLADLAARGEESPQAR	1
							2	DMPPAFIKVENAC[330]TKLVQAAQMLQSDPYVSPAR	1

VIPR2_HUMAN (P41587) Vasoactive intestinal polypeptide receptor 2 precursor (VIP-R-2) (Pituitary adenylate cyclase-activating polypeptide type III receptor) (PACAP type III receptor) (PACAP-R-3) (Helodermin-preferring VIP receptor) [MASS=49478]	*	5.94	*	*	*	1	2	STLLLIPLFGVHYMVFVFPISISSK	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.95	14.74	1.05	0.00	1	2	2 GFLKDC[339]PSGR 2 LNWAFNM[147]YDLGDGDKITR	1 1	
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	0.95	1.55	0.74	0.00	1	1	2 ASLYPC[330]PETPQER	1	
VPS16_HUMAN (Q9H269) Vacuolar protein sorting 16 (hVPS16) [MASS=94693]	*	2.26	*	*	*	1	2 LLEYEPRSGEQVPLLLKM[147]K	1	
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	1.88	*	*	*	3	3 DETHFEVVESGRYIILLGK 3 GLRPSC[330]PNSQSPVK 2 C[330]LPTAC[330]TIQLRGGQIM[147]TLK	1 1 1	
WBS18_HUMAN (Q96LL9) Williams-Beuren syndrome chromosome region 18 protein [MASS=25961]	0.00	9.73	0.46	0.00	1	1	3 QC[330]FLYHPDRNSGSAEAAERFTR	1	
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	*	0.40	*	*	*	1	2 FFYGC[339]R	1	
WSB1_HUMAN (Q9Y6I7) WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWIP-1) [MASS=47432]	0.00	10.93	1.01	0.00	1	3	2 C[339]GRENWTVAFAPDGSYFAWSQGHR 2 VWDLKDDGNMMK 2 DDGNM[147]M[147]KVLRL	1 1 1	
XPO1_HUMAN (O14980) Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) [MASS=123385]	*	2.15	*	*	*	1	3 MAKPEEVLVENDQGEVVREFMK	1	

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.23	3.56	0.24	0.00	1	1	2	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	1.18	*	*	*	2	1 3	PPPPMGK EQHLAQLQQLQQM[147]HQK	1 1
YYY1_HUMAN (P49646) Very very hypothetical protein RMSA-1 [MASS=48240]	*	4.31	*	*	*	1	2	WLIWEAKAGESLEVRSSR	1
Z3H7A_HUMAN (Q8IWR0) Zinc finger CCCH-type domain-containing protein 7A [MASS=110537]	0.00	4.53	0.98	0.00	1	2	3 2	AYDAVAKC[330]SLAVPQDEHVIKLTQELAQK QMPLQFDLC[330]NHIASGK	1 1
Z585A_HUMAN (Q6P3V2) Zinc finger protein 585A [MASS=87988]	0.00	6.24	0.25	0.00	1	3	2 2 3	IHTGERHHEC[339]TDC[339]GKAFTQK LWDHNQC[330]RKILSYK QYEC[339]HEC[339]GKAFNQK	1 1 1
ZBT24_HUMAN (O43167) Zinc finger and BTB domain-containing protein 24 (Zinc finger protein 450) [MASS=78282]	0.00	2.30	1.38	0.00	1	1	2	GFLC[339]DITLIVENVHFR	1
ZBTB2_HUMAN (Q8N680) Zinc finger and BTB domain-containing protein 2 [MASS=57336]	*	7.78	*	*	*	2	3 2	AHKSVLASFSNYFK QTLELC[330]TFEEGSQM[147]DNM[147]LVQTNKPYK	1 1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	*	2.96	*	*	*	1	2	EEISGSGTQPGGAK	1
ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	*	2.55	*	*	*	1	2	KEYMDAC[330]GEANNQNFQQR	1
ZDH13_HUMAN (Q8IUH4) Probable palmitoyltransferase ZDHHC13 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 13) (DHHC-13) (Huntingtin-interacting protein 14-related protein) (HIP14-related protein) (Huntingtin-interacting protein HIP3RP) (Putativ [MASS=70888])	*	6.91	*	*	*	2	2 3	ELANAREALPLIEDSSNC[330]DIVK GETPLDM[147]ALQNKQLIIHMLK	2 1

ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	*	2.36	*	*	*	4	2	DENGAVC[330]ATDVRPLEALSSR	1
							2	KVLNPPAPAGDHAR	1
							2	PLGSQVQKVPSSFMLPIR	1
							3	QTSVASANQVSR	1
ZFN2B_HUMAN (Q8WV99) AN1-type zinc finger protein 2B [MASS=28022]	0.00	3.89	0.72	0.00	1	1	2	SSKPSNC[330]SLC[330]	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFP28_HUMAN (Q8NHY6) Zinc finger protein 28 homolog (Zfp-28) (Krueppel-like zinc finger factor X6) [MASS=98704]	*	2.53	*	*	*	1	3	PFEC[330]AEC[339]GKSFSISSQLATHQR	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	0.00	4.96	0.67	0.00	1	3	2	KVEDM[147]SELFR	1
							2	EYYVQQEVIVLFC[330]ETVER	1
							2	ELESMAM[147]RPLAKELTR	1
							3	AKMESSVSVVSVVHDTSTELLSPKK	1
ZMYM1_HUMAN (Q5SVZ6) Zinc finger MYM-type protein 1 [MASS=128716]	*	5.78	*	*	*	4	3	ELQNKTIIDIFSLSSK	1
							2	IKQISELLFK	1
							3	HEKSEM[147]HLKSLEFWR	1
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	*	7.17	*	*	*	2	3	LQKGGYNEFNEC[339]LSTTQSKILQC[330]K	1
							2	WSLIFNEHKR	1
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	1.48	3.16	0.00	1	1	3	RHPEPAQPAPGSPAETTEGPLHC[330]SR	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	2.38	*	*	*	3	2	HM[147]KTHR	1
							3	C[339]QYC[339]MKSFSTSGSLKVHIR	1
							2	C[330]DEC[330]GKSFTVKSTLDC[330]HVK	1
ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	*	3.17	*	*	*	1	3	C[339]KTC[330]GKAFNQFSNLTK	1
ZN366_HUMAN (Q8N895) Zinc finger protein 366 [MASS=85107]	0.00	4.03	0.98	0.00	1	2	2	DEC[330]LSLRAFQSTR	1
							2	VKHGVM[147]ERGLHSQGLGR	1
							3	GQGATFVETDSPFTAAALAEPLVKEKPLR	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	4.12	*	*	*	2	3	M[147]YNC[330]PKC[330]DYGTVNPVEFR	3
ZN430_HUMAN (Q9H8G1) Zinc finger protein 430 [MASS=66346]	*	5.26	*	*	*	2	2	FSYLTCHK	1
							3	C[339]GHEDLQLRTGC[339]RSVDEC[339]NLHK	1
ZN443_HUMAN (Q9Y2A4) Zinc finger protein 443 (Krueppel-type zinc finger protein ZK1) [MASS=77547]	0.00	7.45	*	*	*	3	2	SSFRSHMIM[147]HTGDGPHKC[339]K	1
							3	QC[330]SKAFPDSSSC[339]LIHER	1
							3	EC[339]GKAFSWLTC[330]FLR	1

ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	5.38	*	*	*	4	3	VLMSM[147]QGLRSHERSHLALAMFTR	1
							3	IVSLLSSHSHHSSQK	1
							3	FSDHGAALNTEK	1
							3	DASGALVGRVDGEHC[330]LLDGM[147]LEDETR	1
ZN502_HUMAN (Q8TBZ5) Zinc finger protein 502 [MASS=62920]	*	4.60	*	*	*	1	3	C[330]NEC[339]GKTFTQSSSLTQHQRTHHTGER	1
ZN519_HUMAN (Q8TB69) Zinc finger protein 519 [MASS=63021]	0.00	2.04	12.62	0.00	1	1	2	C[339]LDPAQQNLYR	1
ZN555_HUMAN (Q8NEP9) Zinc finger protein 555 [MASS=73062]	0.00	4.30	0.57	0.00	1	2	3	EC[330]GEAFSYSSAFRR	1
							2	QC[330]GKAFSLSAC[339]FR	1
ZN596_HUMAN (Q8TC21) Zinc finger protein 596 [MASS=57907]	*	8.43	*	*	*	2	3	MTFEDIIVDFTEEWALLDTSQRK	1
							2	PYEC[330]HVC[339]GKAFTESDLR	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	1.66	*	*	*	1			
ZN605_HUMAN (Q86T29) Zinc finger protein 605 [MASS=74376]	*	2.18	*	*	*	1	3	PQLLRHQRIHTGEK	1
ZN645_HUMAN (Q8N7E2) Zinc finger protein 645 [MASS=48784]	*	2.35	*	*	*	1	2	KQVTSASLEK	1
ZN680_HUMAN (Q8NEM1) Zinc finger protein 680 [MASS=61741]	0.00	6.04	3.57	0.00	1	2	2	C[339]GHENLQLRISC[339]K	1
							3	C[330]EEC[339]GKAFIQSSNLTEHMR	1
							2	AFTRSTTLPVHERHTGTVNADEC[330]K	1
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	5.83	*	*	*	2	1	NLTSVGK	3
ZNF43_HUMAN (P17038) Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27) [MASS=93487]	*	2.62	*	*	*	1	3	EC[330]GKSFC[330]M[147]LPHLAQHKKIHTR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	*	6.96	*	*	*	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	*	1.42	*	*	*	2	1	PLGADR	1
							2	VREMLRM[147]R	1

**Table 10. LAD Mitochondrial Study
Protein Summary**

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.41	1.00	1.38	1.00	1.13	3	1.31	0.09
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	1.00	1.16	1.00	1.45	1.00	1.45	3	1.35	0.10
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	1.20	1.00	1.09	1.00	0.82	3	1.04	0.11
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.23	1.00	1.21	1.00	1.60	3	1.35	0.13
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	1.05	1.00	0.95	1.00	0.88	3	0.96	0.05
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	1.07	1.00	0.97	1.00	0.93	3	0.99	0.04
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.98	1.00	0.89	1.00	1.25	3	1.04	0.11
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	1.12	1.00	0.88	1.00	1.05	3	1.02	0.07
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.50	1.00	1.06	1.00	1.20	3	1.25	0.13
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.25	1.00	1.30	1.00	1.16	3	1.24	0.04
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	1.06	1.00	0.89	1.00	0.94	3	0.96	0.05
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	1.10	1.00	1.07	1.00	1.26	3	1.14	0.06

CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	1.19	1.00	1.22	1.00	1.36	3	1.26	0.05
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	1.32	1.00	1.21	1.00	1.22	3	1.25	0.04
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.53	1.00	1.13	1.00	1.12	3	1.26	0.14
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.38	1.00	1.09	1.00	1.38	3	1.28	0.10
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.84	1.00	0.91	1.00	0.74	3	0.83	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	0.94	1.00	1.18	1.00	1.47	3	1.20	0.15
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.23	1.00	1.13	1.00	1.20	3	1.19	0.03
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	1.00	1.00	0.99	1.00	0.97	3	0.99	0.01
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	1.34	1.00	1.04	1.00	1.01	3	1.13	0.11
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.55	1.00	1.28	1.00	1.49	3	1.44	0.08
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	1.02	1.00	1.24	1.00	0.82	3	1.03	0.12
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.52	1.00	1.21	1.00	1.27	3	1.33	0.09
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	1.42	1.00	1.36	1.00	1.34	3	1.37	0.02
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	0.93	1.00	1.02	1.00	1.30	3	1.08	0.11

KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	1.31	1.00	1.00	1.00	1.15	3	1.15	0.09
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	1.39	1.00	0.86	1.00	1.21	3	1.15	0.16
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	1.51	1.00	1.16	1.00	1.41	3	1.36	0.10
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.27	1.00	1.18	1.00	1.37	3	1.27	0.05
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.39	1.00	1.32	1.00	1.33	3	1.35	0.02
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	1.46	1.00	1.20	1.00	1.29	3	1.32	0.08
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.26	1.00	0.98	1.00	0.94	3	1.06	0.10
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	1.43	1.00	1.14	1.00	1.15	3	1.24	0.10
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.36	1.00	0.87	1.00	1.58	3	1.27	0.21
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.35	1.00	1.14	1.00	1.26	3	1.25	0.06
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.85	1.00	1.01	1.00	1.08	3	0.98	0.07
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	1.03	1.00	1.07	1.00	1.17	3	1.09	0.04
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.31	1.00	1.15	1.00	1.30	3	1.25	0.05

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	1.79	1.00	1.08	1.00	1.13	3	1.33	0.23
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	1.09	1.00	0.88	1.00	0.99	3	0.99	0.06
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	0.86	1.00	1.44	1.00	1.09	3	1.13	0.17
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	1.27	1.00	1.19	1.00	1.28	3	1.25	0.03
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	1.19	1.00	1.29	1.00	1.18	3	1.22	0.04
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	1.11	1.00	1.14	1.00	1.06	3	1.10	0.02
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	1.31	1.00	0.93	1.00	1.01	3	1.08	0.12
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	1.03	1.00	1.07	1.00	1.12	3	1.07	0.03
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	1.13	1.00	1.14	1.00	1.14	3	1.14	0.00
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	1.29	1.00	1.11	1.00	0.90	3	1.10	0.11
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.13	1.00	0.95	1.00	1.18	3	1.09	0.07
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.29	1.00	1.20	1.00	0.91	3	1.13	0.11
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.28	1.00	1.06	1.00	0.86	3	1.07	0.12

VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	2.16	1.00	1.03	1.00	1.09	3	1.43	0.37
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	1.19	1.00	1.06	1.00	1.68	3	1.31	0.19
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	0.99	1.46	1.00	1.28	1.00	0.84	3	1.19	0.18
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610]	1.00	1.51	0.99	1.59	1.00	1.93	3	1.68	0.13
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	0.99	1.24	1.00	1.20	1.00	1.25	3	1.23	0.02
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	1.33	1.00	1.09	1.00	0.89	3	1.10	0.13
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.86	0.99	0.94	1.00	0.86	3	0.89	0.03
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	0.96	0.99	1.09	1.00	0.89	3	0.98	0.06
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	1.55	1.00	1.16	0.99	1.05	3	1.25	0.15
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	1.05	1.00	1.01	0.99	0.76	3	0.94	0.09
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	0.55	0.99	1.07	1.00	1.29	3	0.97	0.22
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	1.41	0.99	1.07	1.00	0.99	3	1.16	0.13
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	1.00	1.03	0.99	0.93	0.99	1.01	3	0.99	0.03
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	0.91	0.97	1.35	1.00	1.06	3	1.11	0.13

RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	1.17	0.98	1.09	1.00	0.87	3	1.04	0.09
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.98	1.06	1.00	0.81	0.99	0.76	3	0.88	0.09
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20 [MASS=14177]	1.00	0.74	1.00	0.80	0.96	0.94	3	0.83	0.06
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	1.15	1.00	0.88	0.96	1.40	3	1.14	0.15
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.96	1.04	1.00	1.30	1.00	1.56	3	1.30	0.15
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	1.64	0.96	0.93	1.00	1.09	3	1.22	0.22
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	4.60	0.99	1.45	0.98	1.09	3	2.38	1.11
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	0.96	1.20	0.98	1.26	1.00	1.05	3	1.17	0.06
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	1.53	1.00	1.68	0.94	1.55	3	1.59	0.05
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.94	0.97	1.00	0.88	1.00	0.99	3	0.95	0.03
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	1.00	0.97	1.10	1.00	0.90	3	1.00	0.06
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	0.93	1.15	1.00	0.85	1.00	0.95	3	0.98	0.09
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	0.90	0.95	1.11	0.99	1.25	3	1.09	0.10

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	1.23	0.98	1.05	0.96	0.91	3	1.06	0.09
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.94	1.00	1.00	0.88	0.98	0.82	3	0.90	0.05
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.99	1.63	0.92	1.34	1.00	0.93	3	1.30	0.20
PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.94	1.17	0.98	1.43	0.98	1.42	3	1.34	0.09
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.90	1.19	0.99	1.01	1.00	1.07	3	1.09	0.05
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	1.06	1.00	1.40	0.90	0.70	3	1.05	0.20
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	1.21	0.94	1.29	0.95	1.39	3	1.30	0.05
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.93	1.37	1.00	1.29	0.95	1.38	3	1.35	0.03
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.98	1.12	1.00	0.93	0.89	0.58	3	0.88	0.16
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	1.28	0.83	0.96	1.00	1.44	3	1.23	0.14
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	0.46	0.80	0.72	1.00	0.63	3	0.60	0.08
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.87	1.21	0.95	1.21	0.98	1.28	3	1.23	0.02
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.78	1.14	0.99	0.87	1.00	1.01	3	1.01	0.08

GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	1.15	0.75	1.21	1.00	1.25	3	1.20	0.03
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	1.52	1.00	1.20	0.75	0.85	3	1.19	0.19
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	0.45	0.77	0.84	0.98	0.55	3	0.61	0.12
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	0.73	0.96	1.00	1.00	1.00	1.19	3	1.05	0.07
ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	0.66	1.16	1.00	0.93	1.00	1.03	3	1.04	0.07
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.79	0.43	0.96	1.49	0.91	1.31	3	1.08	0.33
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.73	1.51	0.91	0.80	1.00	1.45	3	1.25	0.23
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.69	2.17	1.00	1.62	0.85	0.95	3	1.58	0.35
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.48	1.44	1.00	0.98	1.00	1.12	3	1.18	0.14
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.42	1.73	1.00	1.11	1.00	1.24	3	1.36	0.19
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.58	1.10	0.96	1.31	0.55	1.36	3	1.26	0.08
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	0.34	1.00	*	1.00	0.13	2	0.24	0.11

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	*	1.00	0.97	1.00	1.01	2	0.99	0.02
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.38	*	*	1.00	1.11	2	1.25	0.13
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	0.75	1.00	0.88	*	*	2	0.82	0.07
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	*	1.00	0.98	1.00	0.93	2	0.96	0.02
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	1.48	*	*	1.00	0.92	2	1.20	0.28
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	1.22	1.00	1.20	*	*	2	1.21	0.01
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	1.35	0.00	*	1.00	1.03	2	1.19	0.16
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	1.54	0.99	1.01	*	*	2	1.28	0.27
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	*	*	1.00	1.12	0.99	1.01	2	1.07	0.06
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	*	*	0.99	0.86	1.00	1.22	2	1.04	0.18
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	0.68	*	*	0.99	0.96	2	0.82	0.14
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	*	*	0.99	1.20	1.00	0.56	2	0.88	0.32
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	*	*	0.98	0.92	1.00	0.77	2	0.85	0.08

2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	*	0.99	1.00	0.99	1.09	2	1.05	0.05
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	1.03	*	*	0.98	0.99	2	1.01	0.02
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	*	*	0.98	0.85	1.00	0.78	2	0.82	0.04
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	*	*	1.00	1.06	0.98	1.35	2	1.21	0.15
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	*	*	0.98	2.45	1.00	1.25	2	1.85	0.60
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	0.78	0.99	0.92	*	*	2	0.85	0.07
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	*	*	1.00	2.07	0.98	1.05	2	1.56	0.51
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	*	0.99	1.48	0.99	1.17	2	1.33	0.15
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	1.44	0.99	1.16	*	*	2	1.30	0.14
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.98	0.97	0.99	1.18	*	*	2	1.08	0.11
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	*	*	0.99	1.22	0.98	0.88	2	1.05	0.17
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	*	0.99	1.32	0.98	1.33	2	1.33	0.01
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	*	*	1.00	0.93	0.97	0.94	2	0.94	0.00
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	*	0.98	1.40	0.98	1.76	2	1.58	0.18

NUCGL_HUMAN (Q9Y2C4) Endonuclease G-like 1 (EC 3.1.30.-) (Endo G-like) [MASS=41127]	*	*	0.98	1.15	0.98	1.03	2	1.09	0.06
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	*	*	0.94	0.89	0.99	0.82	2	0.86	0.04
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.92	2.33	*	*	1.00	2.58	2	2.46	0.13
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	*	*	0.92	0.87	1.00	0.99	2	0.93	0.06
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	*	0.93	1.65	0.98	1.65	2	1.65	0.00
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	*	0.92	1.11	0.99	0.95	2	1.03	0.08
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	0.91	1.11	*	*	1.00	0.77	2	0.94	0.17
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	*	*	0.95	0.86	0.96	1.04	2	0.95	0.09
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	*	1.00	0.84	0.90	0.72	2	0.78	0.06
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	*	*	0.99	0.83	0.88	0.86	2	0.85	0.02
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	*	0.88	1.26	0.99	1.04	2	1.15	0.11
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.97	1.09	*	*	0.89	0.81	2	0.95	0.14
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.86	0.92	1.00	1.51	*	*	2	1.22	0.30

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	*	*	1.00	1.08	0.81	1.54	2	1.31	0.23
PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPPp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.95	0.87	*	*	0.86	0.94	2	0.91	0.03
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	*	0.90	1.17	0.90	1.35	2	1.26	0.09

**Table 11. LAD Mitochondrial Study
Experiment 1**

Description	A = Protein Score				E = XPress Peptides				Peptide Sequence	H
	A	B	C	D	E	F	G			
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.00	9.02	0.24	0.00	1	1	3	LGLALNFSVFYIEILNSPDRAC[330]R	1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	3.57	*	*	*	1	3	M[147]TTLFC[339]INVLSEVC[330]GQDITTK	1	
2ABA_HUMAN (P63151) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (PP2A, subunit B, B-alpha isoform) (PP2A, subunit B, B55-alpha isoform) (PP2A, subunit B, PR55-alpha isoform) (PP2A, subunit B, R2-alpha isoform) [MASS=51692]	0.00	5.82	0.85	0.00	1	1	3	FEC[330]C[330]WNGSDSVVM[147]TGSYNNFFRM[147]FDR	1	
5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase 1B) (cN1B) (cN-1B) (Autoimmune infertility-related protein) [MASS=68803]	*	0.82	*	*	*	1	1	GYLVR	1	
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	1.60	*	*	*	1	2	HLDSSSNER	1	
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	12.09	1.41	0.04	4	3	2	NLDKEYLPIGGLAEFC[339]K	2	
							2	NLDKEYLPIGGLAEFC[330]K	1	
							2	GMADRIIGM[147]RTQLVSNLK	1	
							3	HFIEQGINVC[339]LC[339]QSYAK	1	

ABCB6_HUMAN (Q9NP58) ATP-binding cassette sub-family B member 6, mitochondrial precursor (Mitochondrial ABC transporter 3) (Mt-ABC transporter 3) (ABC transporter umat) [MASS=93885]	*	1.07	*	*	*	1	1	DLPGAGPLR	1
ABLM1_HUMAN (O14639) Actin-binding LIM protein 1 (Actin-binding LIM protein family member 1) (abLIM-1) (Actin-binding double-zinc-finger protein) (LIMAB1) (Limatin) [MASS=87644]	0.00	8.10	1.48	0.00	1	3	3	VQTKHFHIKC[339]FTC[330]K	1
							3	C[339]NQMFTEGEEMYLQGSTVWHPDC[339]K	1
							3	QLQEEQLMKLNSGLGQLILKEEMEK	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	7.04	*	*	*	1	3	GC[339]ASTGVIM[147]SVNNSLYLGPILKFGSKEQK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	0.99	3.46	1.46	0.00	1	2	1	DFTPGK	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.16	0.11	5	2	3	LMC[339]PQEIVDYIADKK	1
							3	LM[147]C[339]PQEIVDYIADKKDVYE	2
							3	LM[147]C[330]PQEIVDYIADKKDVYE	3
ACSL6_HUMAN (Q9UKU0) Long-chain-fatty-acid--CoA ligase 6 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 6) (LACS 6) [MASS=77680]	0.98	1.72	1.42	0.00	1	1	2	ALC[339]PTIFPVVPR	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	16.00	1.20	0.09	4	3	3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	1
							2	C[339]DVDIRK	1
							3	EKLC[330]YVALDFEQEMATAAASSSSLEK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ACTN4_HUMAN (O43707) Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-actin cross linking protein) [MASS=104853]	*	2.96	*	*	*	1	3	MEEIGRISIEMNGTLEDQLSHLKQYER	1

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
								2	VKLLLQVQHASK	1
								2	EFHGLGDC[339]IHK	2
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	23.57	1.23	0.05	12	4		1	EFHGLGDC[339]IHK	1
								3	TAVAPIERVKLLLQVQHASK	1
								2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
								2	EFHGLGDC[330]IHK	1
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.00	2.69	*	*	*	1	1	1	GLGDC[330]LVK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	0.33	7.78	1.17	0.00	1	4		2	EVLKNDMVELLGPFPFAEK	1
								2	KNAPC[339]ILFIDEIDAVGR	1
								2	HFEQAIERVIGGLEK	1
								2	NDMVELLGPR	1
AGAL_HUMAN (P06280) Alpha-galactosidase A precursor (EC 3.2.1.22) (Melibiase) (Alpha-D-galactoside galactohydrolase) (Alpha-D-galactosidase A) (Agalsidase alfa) [MASS=48767]	0.00	8.62	2.10	0.00	1	2	3	QYC[330]NHWRFADIDDSWKSJK	1	
							2	GVAC[339]NPAC[339]FITQLLPVK	1	
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	*	0.64	*	*	*	1	2	YDLGKGAIVRSR	1	
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	1.23	*	*	*	3		2	GSIIINLETR	1
								2	QRDGITQLTANLQQAR	1
								2	QIQEKTDIIDRLEQELLC[330]JASNR	1

ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	12.48	1.03	0.21	4	4	2	RPC[339]FSALEVDETYVPK	1
							2	ALVLIIFAQYLQQC[339]PFEDHVK	1
							2	SLHTLFGDKLC[330]TVATLR	1
							3	VHTEC[330]C[330]HGDLLLEC[330]ADDRADLAK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDHI) (ALDH-E2) [MASS=56381]	0.96	2.13	1.20	0.00	1	1	2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	7.71	0.90	0.00	1	1	3	ALSDHHIYLEGTLKPNM[147]VTPGHAC[339]TQK	1
ALKB3_HUMAN (Q96Q83) Alkylated repair protein alkB homolog 3 (Prostate cancer antigen 1) (DEPC-1) [MASS=33374]	0.00	6.64	0.46	0.00	1	1	3	C[330]PIIASLSFGATRTFEM[147]RK	1
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	0.00	1.34	0.12	0.05	2	1	2	LEGSPVKDGLLKANC[330]GMK	2
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	0.50	0.69	*	*	*	1	2	ALNGFTPLHIAC[339]K	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.50	1.17	1.44	0.00	1	3	2	TEKHSPVSPSTKTER	1
							3	C[339]LLRNGALVDAR	1
							3	TVAPQGQDM[147]ASIAPDNRSK	1
							3	SVVSPVKSIRDVISSAK	1
							1	SSSSEK	1
							2	ESPSSDVFHDSPIDGLEK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	0.50	2.79	*	*	*	9	3	KTTKGLPQTAVC[339]NLNITLPAHK	1
							2	EMVYVYQK	1
							2	VGLQAQVPVDEIVKK	1
							3	GKERELIVLR	1
							2	TEKLNDELQSPEKK	1
							3	DSM[147]M[147]IEELLVPSK	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1	3	SEHQFNIDSM[147]VHK	4
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	0.00	2.04	0.61	0.00	1	1	3	YGASSLNGC[330]SPSPVHTMEQKPLQSLSSK	1

ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	2	GDLENAFLNLVQC[339]IQNKPLYFADR	2						
	3	GDLENAFLNLVQC[339]IQNKPLYFADR	2						
	3	GDLENAFLNLVQC[330]IQNKPLYFADR	1						
ANXA7_HUMAN (P20073) Annexin A7 (Annexin VII) (Synexin) [MASS=52739]	0.62	3.28	1.22	0.00	1	1	2	TILQC[339]ALNRPAFFAER	1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	5.31	1.41	0.00	1	1	3	LNHPVTHVDQSSDNIIIETLNHEHYEC[339]K	1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	6.17	*	*	*	1	3	C[330]DVVVVGGGIGSMAAAKLLHDSGLNVVLEAR	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.37	2.00	1.03	0.00	1	2	2	C[339]AIKVEQSAER	1
							2	YNDPIYVK	1
APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	*	0.67	*	*	*	1	3	NM[147]GGILGEDLTLDLKDQIR	1
AQP11_HUMAN (Q8NBQ7) Aquaporin-11 (AQP-11) [MASS=30203]	0.00	11.81	6.41	0.00	1	1	3	M[147]SPLLGLRSELQDTC[339]TSLGLMLSVVLLMGLAR	1
ARBK2_HUMAN (P35626) Beta-adrenergic receptor kinase 2 (EC 2.7.11.15) (Beta-ARK-2) (G-protein-coupled receptor kinase 3) [MASS=79677]	0.00	2.91	0.19	0.00	1	1	3	GGKQFVLQC[330]ESDPEFVQWKK	1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	3.25	*	*	*	2	3	ILSQSTDSLNM[147]R	1
							2	STWIRVIQQSVRTC[330]PSR	1
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	0.00	5.89	1.18	0.00	1	2	1	SISFR	1
							3	LEQM[147]DQSDSESDC[330]SM[147]DTSEVSLDC[330]ER	1

ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	0.88	*	*	*	1	3	TSDC[339]IGSEGM[147]K	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	0.33	*	*	*	1	1	APPDER	2
AT10B_HUMAN (O94823) Probable phospholipid-transporting ATPase VB (EC 3.6.3.1) [MASS=165390]	0.00	1.71	1.09	0.00	1	1	3	EAGIQLWVLTGDKQETAVNIAHSC[330]R	1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	0.20	5.40	0.65	0.61	2	4	3	C[330]SVAGFDYC[330]HEENAR	1
							3	DDDSGPYNYSSLAC[339]GRK	1
							3	LGQIFYIQSDVDFYNEKM[147]DSIVQC[339]R	2
							2	RMSVVVRHPLSNQVVVYTK	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+)-ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	LIIVEGC[330]QR	1
							3	DGPNALTPPPTTPEWIKFC[330]R	1
							3	AVAGDASESALLK	1
							2	C[339]SSILLHGK	2
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.57	1.05	0.08	7	4	2	NIAFFSTNC[339]VEGTAR	1
							2	C[330]SSILLHGK	1
							1	C[330]SSILLHGK	2
							1	C[339]SSILLHGK	1

AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	10.56	1.07	0.10	13	7	2	KYNTDC[330]VQGLTHSK	1
							2	VLGFC[339]HYLPEEQFPK	1
							2	NITFFSTNC[339]VEGTAR	1
							1	IISAHGC[330]JK	1
							1	IISAHGC[339]JK	1
							2	VLGFC[330]HYLPEEQFPK	1
							2	KYNTDC[339]VQGLTHSK	2
							3	VLGFC[330]HYLPEEQFPK	1
							2	SPDC[339]THDNPLETR	2
							2	C[330]IELSSGSVK	1
2	SPDC[330]THDNPLETR	2							
3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1							
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	4.08	*	*	*	2	2	AIAKGVGIIEGTTTAEVAARLK	1
							3	KEVVMDDHKLTLLEELSTK	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	4.29	0.98	0.02	2	1	2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	1.44	*	*	*	1	2	NYLEPGKEC[330]VQPATK	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	0.00	6.52	0.44	0.00	1	5	2	EYEPFM[147]GKIVR	1
							1	DAPPRK	1
							3	C[330]GQFDGLVELATIC[330]ALC[330]NDSALDYNEAK	1
							2	NM[147]LFSGTNITSGK	1
							2	C[339]FARVEPAHK	1
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	1.29	*	*	*	1	2	IGASLADVDP[147]QLDSSVR	1

ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	0.36	*	*	*	1	3	ILPTPETVPFR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.58	16.18	1.10	0.06	2	1	2	IC[330]SLHSLPPQS	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	4.34	1.12	0.02	5	2	2	LYC[339]IYVAIGQK	1
							1	LYC[339]IYVAIGQK	2
							2	KKLYC[339]IYVAIGQK	1
							2	LYC[330]IYVAIGQK	1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.50	0.08	5	1	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							2	GLC[330]GAIHSSIAK	2
							2	GLC[339]GAIHSSIAK	1
ATS14_HUMAN (Q8WXS8) ADAMTS-14 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 14) (ADAM-TS 14) (ADAM-TS14) [MASS=133871]	*	1.14	*	*	*	1	3	QLWC[339]SHPDNPYFC[330]K	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	11.03	4.55	0.00	1	7	3	TRPVTGLVPC[339]K	1
							3	C[330]SHLPKPSLELERAC[339]APLPC[339]PR	1
							3	KSEGNIMSPTLAGRNGVFSWSPC[339]SR	1
							3	PRM[147]HEAC[339]LLQRC[330]HK	1
							3	FM[147]PAAEGTIC[330]GHDM[147]WC[330]R	1
							2	SHRNSSVALSTC[330]QGLSGM[147]IR	1
3	AVAC[330]KSTNPSARAQLLPDAVC[339]TSEPK	1							
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	*	3.12	*	*	*	1	3	DGSVGIAGFVPAGGGTSAPWRHRSHC[330]FYR	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	0.00	3.10	*	*	*	3	3	C[339]GGYC[330]GKC[330]TPSSGTGLEVR	1
							3	SVQC[339]LTNEDQPSHLC[330]HTDLK	1
							2	SPQHVM[147]APTLNFYTNPMMWSK	2

AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.35	10.32	1.25	0.00	1	1	3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[330]DIR	1
AUP1_HUMAN (Q9Y679) Ancient ubiquitous protein 1 precursor [MASS=53028]	0.00	2.31	0.36	0.00	1	1	3	TM[147]C[330]AVLGLVAR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	*	5.38	*	*	*	1	3	VQEQPPAIPALAWPTPPTTR	1
BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	*	0.69	*	*	*	1	2	C[339]SWTLRNP DPR	1
BAZ1A_HUMAN (Q9NRL2) Bromodomain adjacent to zinc finger domain protein 1A (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (ATP-dependent chromatin remodelling protein) (Williams syndrome transcription factor-related chromatin remodeli [MASS=178673]	*	1.03	*	*	*	1	3	LSSTSVYDLTPGEKM[147]K	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	0.00	5.56	0.23	0.00	1	2	3 IEDTGGSGGYSYIK 2 FC[330]LPYRMDVEK	1 1	
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	4.33	*	*	*	4	3 TDVLC[330]ADEEEDC[330]QAASLLQKYTDNSEK 2 PNPWNQGKTVVKSDK 3 LLLSYGADPTLATYSGR 3 ADHMKKM[147]APTVLVHSR	1 1 1 1	
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	0.81	0.98	0.00	1	1	2 GWFPILFELSC[330]IINR	1	

BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	2.07	*	*	*	2	2	PLGEGPPDPKSHELR	1
							3	TTIPHVLLTWRPVGMEEDSSEK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	0.66	*	*	*	2	3	EKSSNVKNENTSGTR	1
							2	IRLHTGLLLLVQLC[339]GGER	1
BKRB2_HUMAN (P30411) B2 bradykinin receptor (BK-2 receptor) (B2R) [MASS=44460]	0.45	6.14	0.57	0.00	1	1	3	VVNAIISMNLYSSIC[330]FLM[147]LVSIDR	1
BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	*	5.48	*	*	*	3	3	AATSRPERVWPDGVIPFVIGGNFTGSQR	1
							3	C[339]EAAC[339]GGFLTK	1
							2	DYGHIQSPNYPDDYR	1
BOC_HUMAN (Q9BWV1) Brother of CDO precursor (Protein BOC) [MASS=121059]	*	2.24	*	*	*	1	3	VYERPVAGPYITFTDAVNETTIMLK	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	0.65	*	*	*	1	2	LINSQFFPQITNNEELNQK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	0.00	1.78	0.18	0.00	1	4	2	DLELAC[330]ETIEITAAPK	1
							3	KPSYILQKSTFEVPENQMTILK	1
							1	LSGQFMK	1
							2	QKQNIIDGHGSDDSKNK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	4.06	14.44	0.00	1	2	3	SEQEPGGGLGRKATPR	1
							3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	1.25	*	*	*	3	3	ASPLPSKASPQAKPLR	1
							2	TPSSVQEKKTR	1
							2	IADSSVQTDEEDGESRYLLSRR	1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	*	3.95	*	*	*	5	3	SALQRISVALVIC[339]EWAALQK	1
							2	ETC[330]AQTLGVVLKHMNETGVHK	1
							1	HGAGTGLR	2
							2	EQEAGVLMAMDALHR	1
							2	LLTQEQWEVR	1

C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.53	0.03	2	1	2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	*	4.49	*	*	*	1	2	LLLLLLLLPLR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.51	0.00	2	1	2	SLC[330]LGPALIHTAK	1
							2	SLC[339]LGPALIHTAK	1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	0.00	3.56	2.28	0.00	1	1	2	RSLC[339]AAFSVLPYGEGLR	1
CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	*	0.48	*	*	*	1	2	VESSM[147]PEDR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	*	2.28	*	*	*	2	2	INGTHARLSTR	1
							1	YNASSFAK	1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	0.00	1.70	18.28	0.00	1	1	3	PC[339]SLLVYQRK	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.31	5.41	4.37	0.00	1	1	3	LNKPFLFDTKPLIVQYEVNFQNGIEC[339]GGAYVK	1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	*	1.14	*	*	*	1	1	TDQGIK	1

CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	*	3.88	*	*	*	1	2	RTM[147]SEVGGSVEDLIAK	1
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	*	3.02	*	*	*	1	2	NITYKSNPNR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	*	3.65	*	*	*	2	3	SQSGHLESSIAETLKDEPESAPVSPVR	1
							1	KIGKSR	1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	*	2.49	*	*	*	1	1	LQAFGK	1
CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	*	4.15	*	*	*	2	3	TLGVSVFVQAESEC[339]RHSK	1
							2	DAKKDDAVR	1
CCD94_HUMAN (Q9BW85) Coiled-coil domain-containing protein 94 [MASS=37086]	*	10.22	*	*	*	2	2	ETVQNEVYLGPIFR	1
							3	LM[147]APFNM[147]RC[339]KTC[339]GEYIYK	1
CCNT2_HUMAN (O60583) Cyclin-T2 (CycT2) [MASS=81028]	*	2.33	*	*	*	1	3	DTFDM[147]LDSLLSAQGM[147]NM[147]	1
CD20_HUMAN (P11836) B-lymphocyte antigen CD20 (B-lymphocyte surface antigen B1) (Leu-16) (Bp35) [MASS=33077]	*	11.45	*	*	*	2	1	KC[339]LVK GK	1
							3	M[147]ESLNFIRAHTPYINIYNC[330]EPANPSEK	1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	*	10.65	*	*	*	2	1	GARAGPR	3
							3	TLIALVTSGALLAVLGITGYFLM[147]NRRSWSP TGER	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	9.38	0.74	0.29	5	1	2	LRENELTYYC[330]C[330]K	2
							2	LRENELTYYC[339]C[339]K	3
CD72_HUMAN (P21854) B-cell differentiation antigen CD72 (Lyb-2) [MASS=40220]	0.00	3.90	3.80	0.00	1	1	2	AVTSPAVGRILPC[339]R	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	*	11.86	*	*	*	1	3	DQIAKDVKQFYDQALQQAVVDDDANNAK	1

CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	0.00	7.49	0.29	0.00	1	1	2	TQSGNHPEWVQYQEGC[330]M[147]EK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	11.01	0.14	0.10	2	1	3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	1
							3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	14.14	0.45	0.00	1	2	3	AVKYVEC[339]SALTQRGLK	1
							2	WVPEITHHC[330]PK	1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	1.00	1.85	3.80	0.02	4	1	2	DAWVQAIESQILASLQC[339]C[339]ESSK	1
							3	DAWVQAIESQILASLQC[339]C[339]ESSK	3
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	0.00	0.28	0.65	0.00	1	1	2	LEQELKRC[339]K	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	0.00	7.37	1.29	0.00	1	2	3	QQEEAEWESINVLLM[147]MHGLKPLSLVKR	1
							2	RTEQEETIASLQMEVC[330]R	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	*	1.84	*	*	*	1	3	MGRANSANGKNGDSAER	1
CF096_HUMAN (Q9NWS8) Protein C6orf96 [MASS=51604]	0.00	5.79	0.57	0.00	1	1	3	LNSELDLDDAILEKFAFSNALC[330]LSVK	1
CGL_HUMAN (P32929) Cystathionine gamma-lyase (EC 4.4.1.1) (Gamma-cystathionase) [MASS=44508]	*	8.40	*	*	*	1	3	HGDIILVDNTFM[147]SPYFQRPLALGADISMYSATK	1

CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	0.99	6.28	1.24	0.04	2	2	3	DPGM[147]GAM[147]GGMGGGMGGGMF	2
							2	AAVEEGIVLGGGC[339]ALLR	2
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	5.73	1.33	0.00	1	1	2	YESHPVC[339]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	5.96	1.20	0.00	2	1	2	DRPHEVLLC[330]SDLVK	1
							2	DRPHEVLLC[339]SDLVK	1
CHD6_HUMAN (Q8TD26) Chromodomain-helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	0.00	1.22	1.37	0.00	1	2	3	KMTSHNGM[147]EDSGGGGTGVKK	1
							2	KNC[339]ILADEM[147]GLGK	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	*	0.38	*	*	*	1	3	C[339]ETDRRMVAAR	1
CHX10_HUMAN (P58304) Homeobox protein CHX10 (Ceh-10 homeodomain-containing homolog) [MASS=39410]	*	5.26	*	*	*	1	2	C[339]WGRSSVM[147]AEYGLYGAMVR	1
							1	LPC[339]VAAK	2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	3.43	1.21	0.02	3	2	1	GFSIPEC[330]QK	1
							1	LPC[330]VAAK	2
							2	KFPFC[330]DGAHTK	1
							2	FPFC[339]DGAHTK	1
							1	KFPFC[330]DGAHTK	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.25	0.05	7	3	1	KFPFC[339]DGAHTK	1
							2	KFPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							2	FPFC[330]DGAHTK	1

CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	*	2.56	*	*	*	1	2	RLAQEQGGGDNSLLVRALDR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	*	1.42	*	*	*	1	3	GRIIC[330]ITNAK	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	2.57	1.38	0.07	2	3	2 IHEGC[339]EEPATHNALAK 2 YESLELC[339]RPVLQQGR 3 VKQLPLVKPYLR	1 1 1	
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	0.37	*	*	*	1	1	KDHLYK	1
CLIC4_HUMAN (Q9Y696) Chloride intracellular channel protein 4 (Intracellular chloride ion channel protein p64H1) [MASS=28641]	0.42	7.14	1.02	0.00	1	1	2	TDVNKIEEFLEEVLC[339]PPK	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	0.73	3.54	0.96	0.06	2	2	2	DIPFSAIFPVYAH[C339]K 2 GTAARVFR	2 1
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.35	2.37	1.12	0.00	1	1	2	DIPFSAIFPC[339]YAHVK 2 RPPGVLHC[339]TTK	1 3
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	1.06	0.07	16	5	1 RPPGVLHC[330]TTK 2 LDEDLAAYC[330]R 3 DKPELQFPFLQDEDTVATLLEC[339]K 2 RLDEDLAAYC[330]R 2 DKPELQFPFLQDEDTVATLLEC[339]K 3 AHITLGC[330]AADVEAVQTGLDLLEILRQEK 1 LDEDLAAYC[330]R 2 RLDEDLAAYC[339]R 1 LDEDLAAYC[339]R 2 DKPELQFPFLQDEDTVATLLEC[330]K 2 RPPGVLHC[330]TTK	1 1 1 1 2 1 1 1 1 2	

CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome-associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	3.50	2.12	0.00	1	2	3	VPAILMSSM[147]C[339]ILLDHLGGENYMM[147]R LLESFETMASQTNLVDLDLGGKGGK	1 1
CNGB3_HUMAN (Q9NQW8) Cyclic nucleotide-gated cation channel beta 3 (CNG channel beta 3) (Cyclic nucleotide-gated channel beta 3) (Cone photoreceptor cGMP-gated channel subunit beta) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=92249]	*	1.73	*	*	*	1	3	DVIGAATANQNYFR	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	*	3.46	*	*	*	1	3	MGVEWTSC[330]AEVVSQEKT[147]FPNLTDVR	1
CO3A1_HUMAN (P02461) Collagen alpha-1(III) chain precursor [MASS=138554]	0.00	7.71	0.95	0.00	1	5	3	GEGGPPGVAGPPGGSGPAGPPGPQGVK	1
							2	DGTSGHGPGPIGPPGPR	1
							2	GGAGEPGKNGAKGEPGPR	1
							3	GFPGNPGAPGSPGAGQQGAIGSPGAGPR	1
							3	VFC[339]NM[147]ETGETC[339]ISANPLNVPRK	1
CO6A2_HUMAN (P12110) Collagen alpha-2(VI) chain precursor [MASS=108573]	*	2.36	*	*	*	1	3	QFVPQFISQLQNEFYLDQVALSWR	1
							3	GNPGEPGLNGTTGPK	1
							3	AC[330]C[339]GVPC[330]KC[330]SGQR	1
							3	IKNLQVALTSKQQSLETAM[147]SFVAR	1
							3	RDIVFLVDGSSALGLANFNPAIR	1
CO6A3_HUMAN (P12111) Collagen alpha-3(VI) chain precursor [MASS=343550]	*	4.06	*	*	*	7	3	SASSSTINLM[147]VSTEPLALTETDIC[330]K	1
							1	VAVVQYSDR	1
							2	FWYGGC[330]GGNENKFGSQKEC[339]EK	1
							3	QVC[339]EQLIQSHM[147]AR	1
COE1_HUMAN (Q05707) Collagen alpha-1(XIV) chain precursor (Undulin) [MASS=193484]	*	0.72	*	*	*	1	3	QVC[339]EQLIQSHM[147]AR	1
COG1_HUMAN (Q8WTW3) Conserved oligomeric Golgi complex component 1 [MASS=108978]	0.00	1.53	0.81	0.00	1	1	2	QC[330]ILGKSESSEKPAR	1

COPG2_HUMAN (Q9UBF2) Coatomer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	*	2.76	*	*	*	2	3 1	ALC[339]RITDGTMLQAIER TLNKVAM[147]K	1 4
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.93	4.65	1.37	0.04	3	1	1	C[339]GAHYK	5
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.10	0.06	3	1	2 2 2	M[147]C[330]LYFGSAFATPFLVVR M[147]C[339]LYFGSAFATPFLVVR MC[330]LYFGSAFATPFLVVR	1 1 1
CPSF7_HUMAN (Q8N684) Cleavage and polyadenylation specificity factor 7 (Cleavage and polyadenylation specificity factor 59 kDa subunit) (CPSF 59 kDa subunit) (Pre-mRNA cleavage factor 1m 59 kDa subunit) [MASS=52050]	0.57	1.70	1.69	0.00	1	1	1	REC[339]VRVPR	2
CSK12_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	0.00	2.58	1.22	0.00	1	2	1 3	VGIPAAR VPGAGTAPKPVSVAC[339]TQLAFSGPK	1 1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	0.00	2.27	0.24	0.00	1	4	3 3 2 2	DTVVYQC[330]NPGFRLVGTSVRIC[330]LQDHK RGTILSPGYPEPYGNLNC[330]IWK EAC[330]FDPGNIM[147]NGTRVGTDFK C[339]RKGHYHIQGSTTR	1 1 1 1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	2.03	*	*	*	4	2 3 2 2	TEIELFPYSGDK EFPVTEPLVTARMILESK AVTADGFPTVSVMLPLHSEQNK SPFM[147]GKTEEEVFSGMK	1 1 1 1
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	0.00	6.91	6.54	0.00	1	3	2 2 2	PLLTISPGR C[339]GASNHLSAR DIGTQTVGLFYPSGKLLAKK	1 1 1
CT152_HUMAN (Q96M20) Uncharacterized protein C20orf152 [MASS=67512]	*	9.90	*	*	*	3	1 3 3	MLGPKIQSRPAQSIK FSYQQLISKDFGESPFIMFISKGSC[339]EVLV PLILM[147]SLGNELIR	1 1 1
CTCF_HUMAN (P49711) Transcriptional repressor CTCF (CCCTC-binding factor) (CTCFL paralog) (11-zinc finger protein) [MASS=82785]	0.00	5.78	1.99	0.00	1	2	3 3	FTQSGTMKMHILQKHTENVAK HADNC[339]AGPDGVEGENGETTK	1 1

CU109_HUMAN (Q8TD88) Protein C21orf109 [MASS=6031]	0.00	33.33	0.29	0.00	1	1	3	MTIWMTQEGC[330]NSGLGEK	1
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	*	2.38	*	*	*	1	3	DGGEGC[330]SWM[147]FQPMNNSKM[147]R	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	2.66	*	*	*	1	3	QNC[330]C[330]AQFQWQPVNTGRGIAFSIC[339]PSK	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	12.94	1.28	0.00	1	1	2	NC[339]WQNYLDFHR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	13.54	1.19	0.15	4	3	1	DVC[330]TFLR	1
							2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	2
							2	HLVGVC[339]YTEDEAK	1
CYR61_HUMAN (O00622) Protein CYR61 precursor (Cysteine-rich, angiogenic inducer, 61) (Insulin-like growth factor-binding protein 10) (Protein GIG1) [MASS=42026]	0.44	5.25	0.59	0.00	1	2	2	FTYAGC[330]LSVKK	1
							2	LPVFGM[147]EPR	1
DCMC_HUMAN (O95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	*	2.23	*	*	*	1	3	LVRALQTPLM[147]R	1
DDB1_HUMAN (Q16531) DNA damage-binding protein 1 (Damage-specific DNA-binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV-damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E-complementing protein) (XPc) [MASS=126967]	0.00	3.60	1.24	0.00	1	2	3	TEC[339]NHYNNIM[147]ALYLK	1
							3	IIRNGIGIHEHASIDLPGIKGLWPLR	1
DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	*	1.18	*	*	*	1	3	QC[330]IKTSSSLFK	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	*	2.37	*	*	*	1	3	HFLDLFMETQMFAGFIQDREL	1
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	0.00	1.46	1.44	0.00	1	1	3	AQAGELVWKNEKVM[147]C[339]GYISEDTR	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	*	2.07	*	*	*	1	2	AGLLSPYQILHEC[339]LKR	1

								3	AKPYEGSILEADC[339]DILIPAASEK	4
								2	AKPYEGSILEADC[339]DILIPAASEK	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	11.11	1.32	0.06	12	4		3	IIKPC[339]NHVLSLSFPIR	1
								3	IIKPC[330]NHVLSLSFPIR	1
								2	AQHSQHRTPC[330]K	1
								2	IIKPC[339]NHVLSLSFPIR	1
								2	IIKPC[330]NHVLSLSFPIR	1
								2	C[339]AVVDVPFGGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.73	5.33	1.51	0.00	1	1		2	GAVHQLC[339]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	12.65	1.53	0.08	3	4		1	VGSVLQEGC[339]GK	1
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								3	LSMQKSMQNHAAVFRVGSVLQEGC[339]GK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	7.14	1.38	0.06	5	2		2	C[330]HTIM[147]NC[330]TR	2
								2	C[330]GPM[147]VLDALIK	1
								2	C[339]GPM[147]VLDALIK	1
								2	C[339]HTIM[147]NC[339]TR	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	3.11	*	*	*	2		2	NLVGETNEETSM[147]RNPDR	1
								2	QIAANM[147]RGIGMMPNDIPEWKK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	10.61	1.15	0.10	4	3		3	VLGAHILGPGAGEMVNEAALALEYGASC[330]EDIAR	1
								1	GIEMSEVR	1
								2	VC[339]HAHPTLSEAFR	1
								3	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	2
DMPK_HUMAN (Q09013) Myotonin-protein kinase (EC 2.7.11.1) (Myotonic dystrophy protein kinase) (MDPK) (DM-kinase) (DMK) (DMPK) (MT-PK) [MASS=70357]	0.00	5.01	1.18	0.00	1	2		3	C[339]GHIRLADFGSC[330]LK	1
								2	LLC[339]PPETRLGRGGAGDFR	1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	2.67	*	*	*	5	2	EKFIPPELSMWDYFVAK	1
							3	PDIGSYERHQIERR	1
							3	RWPLMNDEGEDNSSTVSIVGRPAVAVSC[339]SYTGR	1
							1	AKVIHK	1
							1	ESDM[147]IM[147]AFSVNK	1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsal) (DNA MTase Hsal) (MCMT) (M.Hsal) [MASS=183164]	*	3.34	*	*	*	3	2	APSEWAMEEGGM[147]DPESLLEGDDGK	1
							3	EIPRVLEQLEDLDSR	1
							3	SDESIKEEDKDQDEK	1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	*	1.22	*	*	*	1	3	C[339]KC[330]PVIC[339]FNAK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	0.93	2.80	1.15	0.00	1	1	2	AITIANQTNC[339]PLYITK	1
DSG3_HUMAN (P32926) Desmoglein-3 precursor (130 kDa pemphigus vulgaris antigen) (PVA) [MASS=107502]	0.00	1.10	1.85	0.00	1	1	2	EETPSFLITC[339]R	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	0.63	*	*	*	2	3	RIANIEHMTYEVYKYAAR	1
							3	RSPQEAELR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.46	0.37	2	1	2	YNPTWHC[330]IVGR	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	4.63	*	*	*	2	3	TIGVITKLDLM[147]DEGTDARDVLENK	1
							2	DLM[147]PKTIM[147]HLMINNTK	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	3.96	0.73	0.00	1	1	3	EMIMQFITRENC[330]LILAVTPANTDLANSALKLAK	1
E2AK4_HUMAN (Q9P2K8) Eukaryotic translation initiation factor 2-alpha kinase 4 (EC 2.7.11.1) (GCN2-like protein) [MASS=186837]	0.00	0.73	1.63	0.00	1	1	2	AILLHC[339]GIPEDK	1

E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	0.00	11.44	0.63	0.00	1	2	3	MALAGAPAGGPC[330]APALEALLGAGALR	1
							3	RFLELLSHSADGVVDLNLWAAEVLK	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.84	0.04	7	2	2	C[330]LEENLGIDKR	1
							2	NLFPENLVQAC[330]FQQIQTVTK	3
							2	NLFPENLVQAC[339]FQQIQTVTK	2
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	*	3.90	*	*	*	1	3	C[339]LEENLGIDKR	1
							3	NMFPPNLVEAC[330]FKQFKTQYSTR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	3.80	0.94	0.18	3	3	1	ALM[147]GLYHGQVLC[339]K	1
							2	C[339]LAPM[147]M[147]SEVIR	1
							1	FSAFR	1
							2	ALM[147]GLYHGQVLC[330]K	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	*	1.47	*	*	*	1	2	LKPAFIK	1
ECM1_HUMAN (Q16610) Extracellular matrix protein 1 precursor (Secretory component p85) [MASS=60674]	0.00	5.19	1.32	0.00	1	1	3	AC[339]PSHQPDISSGLELPFPPGVPTLDNIK	1
ECP_HUMAN (P12724) Eosinophil cationic protein precursor (EC 3.1.27.-) (ECP) (Ribonuclease 3) (RNase 3) [MASS=18440]	0.00	21.88	1.43	0.00	1	2	3	AQWFAIQHISLNPPrC[330]TIAM[147]R	1
							3	C[330]TIAMRAINNYRWR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.98	7.14	0.97	0.00	1	2	1	RTIEK	1
							3	DGNASGTTLLEALDC[330]ILPPTRPTDKPLR	1

EF1D_HUMAN (P29692) Elongation factor 1-delta (EF-1-delta) (Antigen NY-CO-4) [MASS=30990]	0.00	8.57	0.50	0.00	1	1	3	SSILLDVKPWDDETDMAQLEAC[330]VR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	0.47	4.32	0.93	0.00	1	2	2	C[330]LYASVLTAQPR	1
							3	RWLPAGDALLQMITIHLPSVTAQK	1
EFG2_HUMAN (Q969S9) Elongation factor G 2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	*	6.68	*	*	*	2	3	IRNIGIMAHIDAGKTTTTER	1
							3	EDPSLVKVRDPDQSGQTVLC[330]GMGELHIEIIHDR	1
							2	KGDEC[339]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	11.95	1.23	0.09	6	3	2	HYAHTDC[339]PGHADYVK	1
							3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[330]PGHADYVK	1
							3	ELLTEFGYKGEETPVIVGSALC[339]ALEGR	1
EGLN2_HUMAN (Q96KS0) Egl nine homolog 2 (EC 1.14.11.-) (Hypoxia-inducible factor prolyl hydroxylase 1) (HIF-prolyl hydroxylase 1) (HIF-PH1) (HPH-3) (Prolyl hydroxylase domain-containing protein 1) (PHD1) (Estrogen-induced tag 6) [MASS=43650]	0.00	11.06	2.44	0.00	1	2	2	GDQIAWVEGHEPGC[339]R	1
							3	EGGM[147]SC[339]SC[330]SSGSGEASAGLMEEALPSAPER	1
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	*	0.91	*	*	*	1	1	LRLGVGNRAIR	1
EMIL1_HUMAN (Q9Y6C2) EMILIN-1 precursor (Elastin microfibril interface-located protein 1) (Elastin microfibril interfacier 1) [MASS=106694]	*	5.91	*	*	*	2	3	LGQLEGLLQAHGDEGC[330]GAC[339]GGVQEELGRLR	1
							3	GTELGGAAGQGGHPPGYTSLASRLSRLEDR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	3.46	0.91	0.09	3	1	1	FGANAILGVSLAVC[330]JK	2
							1	FGANAILGVSLAVC[339]JK	1

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydrolyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	3.23	*	*	*	1	3	IVIGM[147]DVAASEFYR	1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	*	1.11	*	*	*	3	2	DFWKEADLSM[147]FDLIGLENK	1
							2	LQM[147]RVPAVR	1
							1	PAAAKLK	1
EPC1_HUMAN (Q9H2F5) Enhancer of polycomb homolog 1 [MASS=93463]	0.00	3.23	2.60	0.00	1	2	2	QPM[147]KPTYAIIPIITNSSQFK C[339]IGFAR	1 1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.20	*	*	*	1	3	VLRVVLLGAPNAGK	2
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.96	7.84	1.04	0.00	1	1	3	EFHQAGKPIGLC[330]C[330]IAPVLAAK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	1.94	1.64	0.01	2	1	2	LQINAQNC[330]VHC[330]K	1
							2	LQINAQNC[339]VHC[339]K	1
EVX1_HUMAN (P49640) Homeobox even-skipped homolog protein 1 (EVX-1) [MASS=42439]	0.00	5.65	1.77	0.00	1	1	3	SNGGSGGGGSQGTLC[339]SASDQM[147]R	1
EXOS1_HUMAN (Q9Y3B2) 3'-5' exoribonuclease CSL4 homolog (EC 3.1.13.-) (Exosome component 1) [MASS=21452]	0.00	8.21	1.98	0.00	1	1	2	LC[339]NLEEGSPGSGTYTR	1
FA29A_HUMAN (Q7Z4H7) Protein FAM29A [MASS=108621]	0.00	4.71	2.81	0.00	1	3	2	NTESSAFGGSLPAK	1
							2	M[147]GTPKEK	1
							2	ISGEC[339]GSSFPQVVGSLFLSPGGPK	1

FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	3.56	1.64	0.00	1	4	1 VSKEIK 3 NELGRNEDFMKLYNHLEK[339]M[147]FAR 3 TYIQILESFARSLIQRNVLMR 3 SC[339]HSVEDGQLLTSNESEDDEIFRR	1 1 1 1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	3.06	1.66	0.00	1	2	3 SEMEKWVEDIQM[147]AIDLAEK 2 LMHYKQVLERLC[330]K	1 1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	2.19	*	*	*	4	3 C[330]EC[330]PVGFFYNDK 2 NM[147]C[330]LNGM[147]C[330]INEDGSFK 3 QIC[330]PYGSGIIVGPDDSAVDM[147]DEC[339]K 2 LC[330]SVPMVIPGR	1 1 1 1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.33	0.31	1.08	0.01	2	1	1 C[339]IPTVSSYR 3 YNSHQM[147]GQSKQFPLEESSC[330]JEK 3 IPIGAKIQTLHLVGVNVEIPC[330]IPMLRHLYMK 1 ELSVSGK	1 1 1 2
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	0.00	10.19	0.24	0.00	1	6	3 VVDLC[339]AGRWWWEYMPSGFTDASFLTLLKK 3 KLNMDQVLDQILR 2 NRIIYLRPM[147]QQVDTLTLEQK	1 1 1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	0.00	3.53	*	*	*	2	2 DC[339]WHAVPSQRPTFK 2 M[147]PVAPYWTSPEKMEK	1 1
FGFR2_HUMAN (P21802) Fibroblast growth factor receptor 2 precursor (EC 2.7.10.1) (FGFR-2) (Keratinocyte growth factor receptor 2) (CD332 antigen) [MASS=92024]	0.00	2.80	1.14	0.00	1	1	3 DDATEKDLSDLVSEM[147]EM[147]M[147]KMIGK	1
FGRL1_HUMAN (Q8N441) Fibroblast growth factor receptor-like 1 precursor (FGF receptor-like protein 1) (Fibroblast growth factor receptor 5) (FGFR-like protein) (FGF homologous factor receptor) [MASS=54536]	0.00	3.97	2.09	0.00	1	1	2 LQC[339]PVEGDPPPLTM[147]WTKDGR	1

FNBP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	0.00	1.68	1.31	0.00	1	1	2	DIFHDLM[147]AC[339]VTM[147]DNLQER	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	*	3.39	*	*	*	3	1 3 2	ISFNK NSPDVSYERSIIKC[330]EK NDLGQLDGKVFNPESER	1 1 1
FOSL1_HUMAN (P15407) Fos-related antigen 1 (FRA-1) [MASS=29413]	0.00	5.17	1.30	0.00	1	1	2	RPC[339]EQISPEEEERR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	2.85	*	*	*	1	3	KTVAMSNLQRALPR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	6.26	4.35	0.00	1	2	3 3	C[339]HYLHILDISGC[339]VLLTDQILEDLQIGC[339]K FIDKNYPNLSHIYM[147]ADC[330]K	1 1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	*	2.08	*	*	*	1	3	TEC[330]GDC[339]HFC[339]RDM[147]KK	1
FXL20_HUMAN (Q96IG2) F-box/LRR-repeat protein 20 (F-box and leucine-rich repeat protein 20) (F-box/LRR-repeat protein 2-like) [MASS=48423]	0.00	3.67	1.41	0.00	1	1	2	HLDLASC[339]TSITNM[147]SLK	1
G3PT_HUMAN (O14556) Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) [MASS=44501]	0.00	4.17	0.79	0.00	1	1	2	NGQLVVDNHEISVYQC[330]K	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	4.19	0.86	0.04	2	1	2 2	VPTANVSVVDLTC[330]R VPTANVSVVDLTC[339]R	1 1

GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	5.00	1.15	0.06	2	2	2	TM[147]GC[330]LATTHSK	1
							1	TM[147]GC[339]LATTHSK	1
							2	GTFC[339]SFDPDDISIR	1
GANC_HUMAN (Q8TET4) Neutral alpha-glucosidase C (EC 3.2.1.20) [MASS=104347]	0.00	5.14	0.82	0.00	1	3	3	M[147]EAAVKKEEISVEDEAVDKNIFR	1
							2	STGWM[147]TESSYGLR	1
							2	TFAHWEGGC[330]TVK	1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	*	1.80	*	*	*	1	3	VNTRMQC[330]FSVTER	1
GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	*	0.86	*	*	*	1	3	EEVSMKHGTGVR	1
							2	KAC[330]ADATLSQITNNIDPVGR	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	13.27	1.00	0.14	6	3	2	LFVSGAC[339]DASAK	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	ELAGHTGYLSC[330]C[330]R	1
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.78	0.00	1	1	2	ELPGHTGYLSC[330]C[330]R	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.97	42.86	1.09	0.00	1	1	3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPAENPFR	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	*	2.33	*	*	*	1	2	KSQRSSYVSM[147]R	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.77	*	*	*	2	2	YVSAQPLAGR	1
							3	VFSKLSVC[330]VM[147]FTNC[330]M[147]QKFTQSMK	1

GEMI5_HUMAN (Q8TEQ6) Gem-associated protein 5 (Gemin5) [MASS=168560]	*	1.92	*	*	*	2	3	EPVIC[330]TPVSSGFEKSK	1
							3	SQLC[339]KSTANGPDK	1
GFRA2_HUMAN (O00451) GDNF family receptor alpha-2 precursor (GFR-alpha-2) (Neurturin receptor alpha) (NTNR-alpha) (NRTNR-alpha) (TGF-beta-related neurotrophic factor receptor 2) (GDNF receptor beta) (GDNFR-beta) (RET ligand 2) [MASS=51558]	0.00	7.33	0.57	0.00	1	1	3	VEKTPSLPDDLSDSTSLGTSVITTC[330]TSVQEQGLK	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	6.81	1.34	0.00	4	1	2	LINGGIAGLIGVTC[339]VFPIDLAK	3
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
							2	LKEC[339]MDM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.55	0.05	11	3	2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DMLR	1
							2	C[330]VQSNIVLLTQAFR	2
							2	VPFC[330]LQSC[330]VKPLK	2
							2	VPFC[339]LQSC[339]VKPLK	2
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	1.16	*	*	*	1	1	FLIEAC[339]K	1
GLT10_HUMAN (Q86SR1) Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTas) [MASS=68991]	0.00	1.16	13.45	0.00	1	1	2	VWM[147]C[339]GGR	1

GLUD1_HUMAN (Q5TDP6) Glutamate-- ammonia ligase domain-containing protein 1 (Lengsin) (Lens glutamine synthase-like) [MASS=57278]	*	2.75	*	*	*	2	1	YIAKR	1
							2	VSHGVC[330]MPR	1
GNAO2_HUMAN (P29777) Guanine nucleotide- binding protein G(o) subunit alpha 2 [MASS=39955]	*	1.70	*	*	*	1	1	NKSAHK	1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	0.00	3.77	0.61	0.00	1	1	3	HRSVSPAALAC[330]P	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G- protein coupled receptor 158-like 1) [MASS=257362]	*	1.14	*	*	*	2	2	SPRLGRP	1
							2	ASRTESRESVEGPPALGFR	1
GPDM_HUMAN (P43304) Glycerol-3- phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	*	1.51	*	*	*	1	2	NYLSC[330]DVEVRR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.75	0.01	2	2	2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	*	2.64	*	*	*	1	1	ELHGEFK	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	4.13	1.59	0.00	1	1	3	C[339]QGPPGVLDYRLEK	1
GRHPR_HUMAN (Q9UBQ7) Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) [MASS=35668]	*	7.62	*	*	*	1	3	VGYPDVLTDTTAELAVSLLLTTC[339]R	1
							1	DPGPGSK	2
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	6.25	*	*	*	4	2	TAPPDGAARKRPPGLFR	1
							3	RDAGLQVSLGAAETR	1
							3	NVDPMSGKVDPVSLGKM[147]DPMC[330]SGK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG- 160) (E-selectin ligand 1) (ESL-1) (Cysteine- rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	1.70	*	*	*	1	3	VAELSSDDFHLDRLHYFAC[330]R	1

GTR9_HUMAN (Q9NRM0) Solute carrier family 2, facilitated glucose transporter member 9 (Glucose transporter type 9) [MASS=58817]	0.00	6.11	1.04	0.00	1	1	3	HTLLANNGFAISAALLMAC[339]SLQAGAFEMLIVGR	1
GUC1B_HUMAN (Q9UMX6) Guanylyl cyclase-activating protein 2 (GCAP 2) (Guanylate cyclase activator 1B) [MASS=23346]	*	3.02	*	*	*	1	1	GTLEHK	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.92	23.70	2.33	0.00	1	1	3	FQSAAIGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	1.02	0.17	4	1	3	GTFATLSELHC[339]DKLHVDPENFR	2
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							2	GTFATLSELHC[339]DKLHVDPENFR	1
HDAC4_HUMAN (P56524) Histone deacetylase 4 (HD4) [MASS=119069]	0.77	3.32	0.47	0.00	1	2	1	VLQQRPNANAVR	1
							3	LPC[330]GGVGVDSDTIWNEVHSAGAAR	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	*	1.75	*	*	*	1	2	KAIVIC[330]PTDEDLKDR	1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	*	1.66	*	*	*	1	3	EFDGKSLVSVTK	1
HV1C_HUMAN (P01744) Ig heavy chain V-I region ND precursor (Fragments) [MASS=16503]	0.00	7.48	1.11	0.00	1	1	2	SDDSAVFYC[339]AK	1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	0.00	4.93	1.52	0.00	1	1	2	M[147]FNSVNLGNFC[339]SPSR	1

								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	TVC[339]GVVSR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLSEDGSGK	2
								2	LPVGFTFSFPC[330]QQSK	2
								3	MIAAQLLAYFTELKDDQVK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	ATDC[339]VGHDVVTLLR	5
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	17.67	1.52	0.04	22	10				
								2	AILQQLGLNSTC[339]DDSILVK	2
								2	RAAQLC[339]GAGM[147]AAVVDK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	KLPVGFTFSFPC[330]QQSK	2
								2	ATDC[330]VGHDVVTLLR	1
								1	TVC[330]GVVSR	1
								2	LPVGFTFSFPC[339]QQSK	1
								2	TVC[330]GVVSR	1
I17RB_HUMAN (Q9NRM6) Interleukin-17 receptor B precursor (IL-17 receptor B) (IL-17RB) (Interleukin-17B receptor) (IL-17B receptor) (IL-17 receptor homolog 1) (IL-17Rh1) (IL17Rh1) (Cytokine receptor CRL4) [MASS=55884]	*	3.39	*	*	*	1		2	NEETVEVNFTTTPLGNR	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.63	5.83	1.35	0.00	1	3		2	VGDTLLGMATQC[339]VQVK	1
								2	DAGMPIQQQPC[330]FC[330]K	1
								3	VGDTLLGM[147]ATQC[330]VQVKNVVK	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.63	2.21	*	*	*	1		2	M[147]EIGSAGPAGAQLLM[147]VPR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.38	1.42	0.01	2	2		2	TFDLYANVRPC[339]VSIIEGYK	1
								2	C[339]REVAESC[339]K	2

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	2.04	*	*	*	1	2	KKVTAVHK	1
							2	NILGGTVFREPIIC[339]K	2
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	10.62	0.93	0.13	5	3	2	FAQM[147]LEKVC[330]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	1
							2	NILGGTVFREPIIC[330]K	1
							2	DLAGC[330]IHGLSNVK	2
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	*	2.60	*	*	*	2	3	DC[330]M[147]EHAVLPVDGATLAEVMRQRGINMR	1
							1	HQVLNDR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	*	2.76	*	*	*	1	3	GDQELHGEPTR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	2.28	*	*	*	1	2	PEAPDTALGIVSTK	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	0.21	4.79	2.04	0.00	1	2	2	QAPPSKGPTVRTK	1
							3	QVSSVNEEDFVRLKQQISDHISQSC[339]GSGQMK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	2.90	*	*	*	1	2	PHITAAEGKLNHMIVDLDNVVK	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	1.27	*	*	*	1	2	C[339]GSPTAMEIDKR	1

IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	*	1.33	*	*	*	1	2	MHVLHVLSC[330]VIER	1
IPPK_HUMAN (Q9H8X2) Inositol- pentakisphosphate 2-kinase (EC 2.7.1.-) (Inositol-1,3,4,5,6-pentakisphosphate 2-kinase) (Ins(1,3,4,5,6)P5 2-kinase) (InsP5 2-kinase) (IPK1 homolog) [MASS=56016]	0.00	10.39	1.06	0.00	1	3	2	C[339]GFIFPSSDVTHEM[147]KHK	1
							3	YLEEFPEERKTLQIDGPYDEAFYQK	1
							2	VC[330]EASPFSSR	1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	1.85	*	*	*	1	2	VPPC[330]PRNFSAK	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5- trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	*	1.31	*	*	*	4	2	LLLAIMESR	1
							3	C[339]ESGGFIC[330]K	1
							1	HAPFR	2
							3	SHSIVQKTAM[147]NWR	1
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	*	6.14	*	*	*	3	3	QSDVWSFGVVLYELFTYC[330]DK	1
							3	MMGC[330]ERDVPALC[339]RLELLEEGQR	1
							3	QQLPAPKWTELLALLIQQC[339]M[147]AYEPVQR	2
JHD1B_HUMAN (Q8NHM5) JmjC domain- containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F- box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	0.00	1.27	*	*	*	2	1	IYEIEDR	1
							3	VKKYC[330]LM[147]SVK	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain- containing protein 1C) (Thyroid receptor- interacting protein 8) (TRIP-8) [MASS=284523]	*	1.10	*	*	*	1	2	NSPSPWLHQPTPVTSDGIGLLSHIPVR	1
JPH3_HUMAN (Q8WXH2) Junctophilin-3 (Junctophilin type 3) (JP-3) [MASS=81468]	0.00	3.61	0.87	0.00	1	2	3	GGAC[339]RGLGDDHRPEDR	1
							3	GLGDDHRPEDR	1

K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	0.00	9.16	0.96	0.00	1	6	3	SPFYPIPTPGSLPPLHPSAM[147]HLHLSGVR	1
							2	KC[330]LALPAM[147]HWPR	1
							3	PPVPRAPDPAYIYDEFLLQQR	1
							2	SLSM[147]LHYIRGAAPK	1
							3	C[330]LALPAM[147]HWPR	1
							2	PPVPAEAEHRPESTTRPGPNR	1
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	0.60	*	*	*	1	2	NLGMVC[339]R	2
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	0.78	*	*	*	1	3	PTGIFQTSANSSFEPVK	1
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	*	0.85	*	*	*	1	1	GFLAM[147]K	1
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	*	2.12	*	*	*	1	3	HM[147]DPVNDTKGVAISTYAKYC[330]YHK	1
							3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	11.09	1.31	0.08	7	2	3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	2
							3	NSKPVHTTILNPHIHLM[147]GDESAC[339]IAYIR	1
							3	NSKPVHTTILNPHIHLM[147]GDESAC[330]IAYIR	1
3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1							
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	3.77	1.39	0.02	3	1	3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	2
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	8.96	1.48	0.00	2	2	3	TAPSAGM[147]QPQPSLC[339]SSAMRKQEIHK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCNH1_HUMAN (O95259) Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	*	5.66	*	*	*	4	3	QTFENYEM[147]NSFEILM[147]YKKNR	1
							2	QTFENYEM[147]NSFEILM[147]YK	1
							1	GENVHK	2
							2	GIDTEKVLQIC[330]PK	1

KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	*	0.65	*	*	*	1	2	QPKGKHK	1
							2	FC[339]TGLTQIETLFK	5
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	14.17	1.51	0.04	10	4	2	FC[330]TGLTQIETLFK	3
							2	GFC[330]LPPHC[330]SR	1
							3	LEQGQAIDDLM[147]PAQK	1
							3	LAVEALSSLDGDLAGR	1
							2	GFC[339]LPPHC[339]SR	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	3.82	*	*	*	1	2	LGYILTC[339]PSNLGTGLR	2
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.27	0.03	4	2	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	1
							2	HNNC[339]M[147]ASHLTPAVYAR	2
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	0.48	*	*	*	1	2	QVRPMSDK	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	*	1.36	*	*	*	1	3	AGKLNLDLAGSER	2
KIFA3_HUMAN (Q92845) Kinesin-associated protein 3 (Smg GDS-associated protein) [MASS=91205]	0.00	8.21	0.48	0.00	1	3	3	NVQLIC[330]EGNGLKM[147]LM[147]K	1
							2	SLNANTDITSLARKVVEEC[330]K	1
							3	NDM[147]VEM[147]DIVEKLVKM[147]IPC[330]EHEDLLNITLR	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	*	3.95	*	*	*	1	3	IVAGVAAATTTLLMVITGVALC[339]C[339]WRHSK	1

KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	1.36	*	*	*	1	2	LDHPNVVK	1
KLDC3_HUMAN (Q9BQ90) Kelch domain-containing protein 3 (Protein Peas) (Testis intracellular mediator protein) [MASS=43088]	0.00	4.45	0.48	0.00	1	1	3	TEAWLDC[330]PPTPVLPPEGR	1
KNG1_HUMAN (P01042) Kininogen-1 precursor (Alpha-2-thiol proteinase inhibitor) [Contains: Kininogen-1 heavy chain; Bradykinin (Kallidin I); Lysyl-bradykinin (Kallidin II); Kininogen-1 light chain; Low molecular weight growth-promoting factor] [MASS=71945]	*	4.19	*	*	*	1	3	LDDDLHQGGHVLDHGHKHKHGHGHGK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	0.63	*	*	*	2	1 1	KLQGQIK TLVNNLR	1 1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.94	12.26	0.97	0.00	1	3	2 3 3	NTGIIC[339]TIGPASR IENHEGVRRFDEILEASDGIMVAR PTRAEAGSDVANAVLDGADC[339]IM[147]LSGETAK	1 1 1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	*	1.76	*	*	*	2	1 3	FSLSTK NHRPGNGAGPKK	1 1
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	*	1.17	*	*	*	3	2 2 2	TLNADLM[147]TLSHR DPIYVGGLPR GC[330]LLEPIRSVSFLK	1 1 1
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	*	1.28	*	*	*	1	3	LVVDGLRAREGSLPGNSTISIR	1
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	*	0.57	*	*	*	3	1 1 2	LLGPQR GIKALGK VPMKFNGR	3 1 1

LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	*	0.82	*	*	*	1	3	PEGQYLRPGEDER	1
LBXCO_HUMAN (P84550) Ladybird homeobox corepressor 1 [MASS=99830]	0.00	5.08	0.57	0.00	1	2	2	GLGLATGASGPAGPGGGGAGVR	1
							2	GGAGGGGGGGPGGC[330]GAEM[147]APGPPPHK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	1.02	*	*	*	1	1	LYHTM[147]TR	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.97	3.61	0.98	0.00	1	1	2	VIGSGC[330]NLDSAR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	*	5.23	*	*	*	2	3	C[339]DGGPDC[339]KDKSDEENC[330]AVATC[339]R	1
							3	AIVVDPVHGFM[147]YWTDWGTPAKIK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.99	8.96	0.94	0.00	1	1	2	DSNNLC[330]LHFNPR	1
LEG9_HUMAN (O00182) Galectin-9 (HOM-HD-21) (Ecalectin) [MASS=39518]	0.00	4.51	0.30	0.00	1	1	3	GQSFSVWILC[330]EAHC[330]LJK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	7.17	1.44	0.00	1	3	3	APWTSTSVGFVAVGPQC[339]LPVR	1
							2	LFEDELTLDNLTRPQLVALC[339]K	1
							1	EKAEKEVAEVK	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.90	4.01	1.19	0.00	1	4	2	IPENIYR	1
							3	MPC[330]FYLRSC[339]GSLPELKLEER	1
							1	ILGFM[147]K	1
2	C[339]GAIAEQTPILLFLLR	1							
LRBA_HUMAN (P50851) Lipopolysaccharide-responsive and beige-like anchor protein (CDC4-like protein) (Beige-like protein) [MASS=319159]	*	0.49	*	*	*	1	2	VGVGTSFGLPQTRR	1
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	0.00	4.27	0.99	0.00	1	3	3	QLTIC[330]NM[147]LQGATELVAEPNR	1
							1	VDHPSQR	1
							2	PDGLLEFAK	1
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	*	2.89	*	*	*	1	3	M[147]HVEEGDILYTM[147]YIRQTVLKVVC[339]K	1

LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	0.00	5.90	0.67	0.00	1	4	3	RLILQGNRIR	1
							3	LARLPEPLPSWVARLDLSHNR	1
							2	TDFQEENHIC[330]TFK	1
							3	KLLNTSYSHNEGPGMKNLIC[330]LNK	1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	0.70	*	*	*	2	2	PPLFGLQIYDPRK	1
							2	LYMDGQNC[330]RNSLGSVDERK	1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	0.00	0.71	0.34	0.00	1	2	2	FPDGAYC[330]QATM[147]FEC[330]K	1
							3	ANKFTETNPQVYYQASLR	1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	0.00	0.92	1.16	0.00	1	1	3	ISSHAC[339]AQSLDKFLLFAR	1
LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	*	4.71	*	*	*	4	3	GDRGGARDLLEEAC[330]DQC[330]ASQLEK	1
							3	LPLYAAIKSGNEDIAIFLLR	1
							3	SLEGQEGLRQLIFHVTC[330]SMKDVGSTIGC[330]QR	1
							3	GQLLSIPAAYGDLEM[147]VRYLLSKR	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	6.30	*	*	*	4	3	IESSNAESAAPSQHLLPHPK	1
							3	QPC[330]GSNPLPGLTK	1
							3	ARC[339]VDIDEC[339]R	1
							3	M[147]PGPRGAAGGLAPEM[147]RGAGAAGLLLLLLLLLLLGLGGR	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	2.20	*	*	*	1	3	SWGGSPLGPWLSSGLKPLK	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	*	3.62	*	*	*	2	2	RSSSEGLSK	1
							3	AEDELLDLQDKVIAEGSNSSMLAEIEVLR	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	*	1.97	*	*	*	2	2	VEC[339]EHGFGRVVC[339]K	1
							3	YSPDSAANKVQC[330]SEQWIPFQNK	1
LYPA1_HUMAN (O75608) Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophospholipase 1) (Lysophospholipase I) [MASS=24669]	*	7.83	*	*	*	1	3	TYEGMM[147]HSSC[339]QQEMMDVK	1

M3K12_HUMAN (Q12852) Mitogen-activated protein kinase kinase kinase 12 (EC 2.7.11.25) (Mixed lineage kinase) (Leucine-zipper protein kinase) (ZPK) (Dual leucine zipper bearing kinase) (DLK) (MAPK-upstream kinase) (MUK) [MASS=93188]	0.00	5.01	1.02	0.00	1	3	2	KLDPDTSDC[330]TPEK	1
							3	STKM[147]SFAGTVAWM[147]APEVIR	1
							2	C[339]PGLLKPHPSR	1
M4K2_HUMAN (Q12851) Mitogen-activated protein kinase kinase kinase kinase 2 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 2) (MEK kinase kinase 2) (MEKKK 2) (Germinal center kinase) (GC kinase) (Rab8-interacting protein) (B lymphocyte serine/threonine-pro	0.00	4.88	3.93	0.00	1	2	3	LISHRC[330]SWLYC[330]VNNVLLSLSGK	1
							3	ELPQVC[339]VGAEGPEGPGC[339]R	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	1.03	1.23	0.00	1	3	2	IEIISHM[147]KQSTSC[339]LDSEEIR	1
							2	QLIGTQREDQTAVSVR	1
							3	EGLLTNEAVLSPGM[147]M[147]HGIVDPENC[339]R	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	3.15	1.23	0.05	2	1	2	FGINC[339]LIQFEDFANANAFR	2
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.94	2.46	1.00	0.00	1	3	2	YTRPTHLSC[330]VK	1
							3	KTEVQAHSPSRK	1
							3	ISDFGQMASGLNIDRRATELK	1
MBD4_HUMAN (O95243) Methyl-CpG-binding domain protein 4 (EC 3.2.2.-) (Methyl-CpG-binding protein MBD4) (Methyl-CpG-binding endonuclease 1) (Mismatch-specific DNA N-glycosylase) [MASS=66050]	0.22	15.69	1.17	0.08	2	4	3	DC[339]SMAALTSHLQNSNNSNWNLR	1
							2	LVPDPPNDRKEDVAMELER	1
							3	DC[339]SMAALTSHLQNSNNSNWNLRTRSK	1
							3	GAAPTVTSSERLVPDPPNDR	1
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	0.00	7.97	1.22	0.00	1	1	3	GMAAPIIGVTPMFAVC[339]FFGFGLGK	1

MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	*	6.04	*	*	*	2	3 2	LVLGLSFSAALNAPIEKDFGIFRM AQEIAMQNR	1 1
MCF2L_HUMAN (O15068) Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein) (Fragment) [MASS=123983]	*	1.81	*	*	*	1	2	M[147]KVPVIM[147]LSSVPDLHGYIDK	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	*	0.76	*	*	*	1	3	TILENHFGKIAKVQR	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	*	2.68	*	*	*	1	3	ASLRLGFSEYC[339]RISNLIVLHLR	1

								3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
								2	TIPLISQC[339]TPK	4
								2	SQETEC[339]TYFSTPLLLGK	3
								2	GYLGPEQLPDC[339]LK	3
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	32.25	1.39	0.04	24	7		2	TIPLISQC[330]TPK	2
								2	GYLGPEQLPDC[330]LK	2
								2	SQETEC[339]TYFSTPLLLGKK	1
								2	GC[339]DVVVIPAGVPR	2
								3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
								1	TIPLISQC[339]TPK	2
								1	GC[339]DVVVIPAGVPR	1
								2	EGVVEC[339]SFVK	1
								2	SQETEC[330]TYFSTPLLLGK	1
								1	TIPLISQC[330]TPK	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	0.00	0.64	0.20	0.00	1	4		1	IGLSYR	1
								2	YKVTADFMAQAC[339]LR	1
								3	KFEAVLSEPC[330]R	1
								1	RENKR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	0.39	*	*	*	1		1	KNFFK	3
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucoamidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucoamidase)] [MASS=209721]	0.00	0.97	0.42	0.00	1	2		2	TLC[330]MDAVQHWGK	1
								1	IGLHLR	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.46	0.05	5	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MICA3_HUMAN (Q7RTP6) Protein MICAL-3 [MASS=109910]	*	5.74	*	*	*	3	3	C[330]EYC[339]ATTLRLSAYAYDIEDGK	1
							2	ALWAKLDKR	1
							3	HLYDTGETKDIHLEMESLVNSRTPK	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	5.66	*	*	*	2	2	LTTMAMYPHVTQADLK	1
							2	NVVRKHISDGVADSGTLK	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	0.00	1.50	0.10	0.00	1	1	3	LC[330]RPSKDYLLR	1
MLH3_HUMAN (Q9UHC1) DNA mismatch repair protein Mlh3 (MutL protein homolog 3) [MASS=163711]	*	1.38	*	*	*	2	3	GSERETQTMGMM[147]SR	1
							1	LIGFSK	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	4.49	*	*	*	1	3	GYENGNFVGPTIISNVKPNM[147]JTC[339]YK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.86	9.72	0.92	0.00	1	2	3	ALVGDEVELPC[339]R	1
							2	FSDEGGFTC[330]FFR	1
MOT8_HUMAN (P36021) Monocarboxylate transporter 8 (MCT 8) (X-linked PEST-containing transporter) (MCT 7) [MASS=66400]	0.00	2.77	0.94	0.00	1	1	2	ETWVLLVC[339]IGATSGLGR	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	0.00	4.11	1.86	0.00	1	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.48	1.66	1.44	0.00	1	1	1	FAC[339]FER	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	0.00	1.59	*	*	*	1	1	QVEHENM[147]LSLR	1

MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	*	7.67	*	*	*	3	3	QVGLITFMALVGSFVPAEEAEIGAVDAIFTR	1
							2	LLSGNYSFIPDAMTATEK	1
							2	VITGPNSSGKSIYLK	1
							3	QVC[330]QLPGLFSYAQHIASIDGR	2
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	11.22	0.96	0.06	4	2	3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[330]SGVLGTVVHGK	1
MTMR5_HUMAN (O95248) SET-binding factor 1 (Sbf1) (Myotubularin-related protein 5) [MASS=208255]	*	0.59	*	*	*	1	2	DKGPSLRTLRSR	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.3.-) [MASS=75806]	*	2.12	*	*	*	1	2	IQERTYSLWAHLWK	1
MTX1_HUMAN (Q13505) Metaxin-1 [MASS=35777]	*	5.05	*	*	*	1	3	APGTRTLGMAEEDDEE	1
MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	*	0.17	*	*	*	1	3	C[339]EQTHC[330]IHK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	0.00	2.00	*	*	*	3	2	SLARTDEAR	1
							2	ALLADAQLM[147]LDHLK	1
							2	LTAELQDTKLHLEGQQVR	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	1.75	*	*	*	6	1	RKALM[147]R	1
							3	DPPKGMIPPGTQLVKPK	1
							2	SHPAQLKHK	1
							2	PDGRMSR	1
							3	EHTGKPTTSSSEAC[330]R	1
							3	ELIC[330]GAC[330]SDVSRQMC[330]PKHGTDFLEYK	1
MYEF2_HUMAN (Q9P2K5) Myelin expression factor 2 (MyEF-2) (MST156) [MASS=64179]	0.00	2.50	1.73	0.00	1	1	2	GC[339]GVVEFKDEEFVKK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	4.71	*	*	*	2	3	APASEKGDGTLAQPSTSSQGPK	1
							1	APASEK	2
MYO10_HUMAN (Q9HD67) Myosin-10 (Myosin X) [MASS=237389]	*	0.53	*	*	*	1	3	NSPKMSSLKLK	1

MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	5.53	0.19	0.00	1	5	3	SHTVWERM[147]SVKLC[339]FTVQGFPTPVVQWYK	1
							3	KDHGEYKATLK	1
							2	LM[147]ALSNEIKNPTIPLK	1
							2	EGETVTLKC[330]TMLVTPDLK	3
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	0.00	1.36	1.53	0.00	1	1	2	VNAQTAVR	1
							3	MLQNLSASEGQLVVFEC[339]R	1
							2	VC[339]GSNLLSIC[339]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	11.59	1.26	0.05	8	3	2	VC[330]GSNLLSIC[330]K	4
							1	VC[339]GSNLLSIC[339]K	1
							2	TSASIGSLC[330]ADAR	1
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	0.90	0.58	0.00	1	2	2	GM[147]WIC[330]QIC[330]RPR	1
							1	VRTGPGR	1
							2	TSASIGSLC[339]ADAR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	1	LMGRGTKF	2
							2	EM[147]FGYMK	2
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na+)/Ca(2+)-exchange protein 3) [MASS=103009]	*	2.37	*	*	*	1	3	DSVTAVVFVAFGTSVPDTFASK	1

NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	0.00	4.01	1.32	0.00	1	3	2	AASHVAQANLKLLDVSK	1
							3	VHFPVAGSYRWPNTGLC[339]FVMR	1
							3	FLLGLLSDEGEREM[147]ENIFHC[330]R	1
NALP4_HUMAN (Q96MN2) NACHT, LRR and PYD-containing protein 4 (PYRIN-containing APAF1-like protein 4) (PAAD and NACHT-containing protein 2) (PYRIN and NACHT-containing protein 2) (Ribonuclease inhibitor 2) [MASS=113445]	*	1.21	*	*	*	1	3	LMMAWS DNKIFR	1
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	*	4.33	*	*	*	2	1	VSPKRGVPK	3
							1	VSTESFSSR	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.78	4.13	1.14	0.00	1	2	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							3	LEGQMGEDGNSIK	1
							3	GQGDYSKIEIFQTLPVREPSPPSIHGQPSSGK	1
							3	AVDGFTFTEGDKSPDGR	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	11.35	*	*	*	4	2	LIEENEKYILKGSNTELTVR	1
							3	GSNTELTVRNIINS DGGPYVC[330]RATNK	3
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	0.78	*	*	*	1	3	QMRQLSVIPPMF DAEQRR	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	*	5.66	*	*	*	1	2	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	0.00	6.12	1.07	0.00	1	1	2	IHLC[339]QR	1

NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	13.91	1.06	0.00	1	1	2	TTGLVGLAVC[339]NTPHER	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	12.87	1.43	0.02	4	2	2	AAAHHYGAQC[330]DKPNK	1
							2	C[330]ALDFFR	1
							2	AAAHHYGAQC[339]DKPNK	1
							2	C[339]ALDFFR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	3.10	1.36	0.05	4	1	2	KQC[339]VDHYNEVK	3
							2	KQC[330]VDHYNEVK	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	1.35	0.02	4	1	2	DYC[330]AHHLIR	2
							2	DYC[339]AHHLIR	2
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.38	6.43	0.99	0.00	1	1	1	EGQNYQQNC[339]IJK	1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	*	3.67	*	*	*	1	2	TMQVHLTVQVPPK	1
NEIL3_HUMAN (Q8TAT5) Endonuclease VIII-like 3 (Nei-like 3) (DNA glycosylase FPG2) [MASS=67893]	*	5.45	*	*	*	2	2	PHTEVKINR	1
							2	LPTRNTIISWTSSRVDHVM[147]DSVAR	1

NF2L3_HUMAN (Q9Y4A8) Nuclear factor erythroid 2-related factor 3 (NF-E2-related factor 3) (NFE2-related factor 3) (Nuclear factor, erythroid derived 2, like 3) [MASS=76154]	0.00	2.74	1.44	0.00	1	1	2	KLDIILNLEDDVC[330]NLQAKK	1
NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	*	8.46	*	*	*	1	3	GGVAAGAEGC[339]RPARLLGLVHDC[330]K	1
NIBA_HUMAN (Q9BZQ8) Niban protein [MASS=103134]	0.00	8.19	2.80	0.00	1	3	3 SC[339]LESVQPFLASILEELMGPVSSGFSEVRVLFEK 3 M[147]GGSASSQLDEGKC[330]AYIR 3 TKPPLAPGTILYEELSQFSEDIK	1 1 1	
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	*	5.81	*	*	*	1	3	RASYGHSMVVDPWGTVVAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	*	0.55	*	*	*	1	1	MPSIESDV	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	4.24	0.85	0.17	3	3	2 KTC[339]DALQAK 2 EANSIIITPGYGLC[339]AAK 2 EANSIIITPGYGLC[330]AAK 3 PNTAM[147]LLGDAKKTC[330]DALQAK	1 1 1 1	
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	2.74	*	*	*	3	2 VSC[339]HDSDDDIMR 2 ETTRFFFFSKNDER 1 RDDKPK	1 1 1	
NP10_HUMAN (P61580) HERV-K_5q33.3 provirus Np9 protein (HERV-K10 Np9 protein) (HERV-K107 Np9 protein) [MASS=8892]	0.00	8.00	0.31	0.00	1	1	2	LHFVM[147]C[330]	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.28	1.10	2.35	0.00	1	1	2	YNC[339]EYSGPPKPLPK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	6.00	*	*	*	3	3 DTVRGRLYVNSVSTTLSSWSGHAR 3 QNMC[339]PAHQNRSLANGPSHPR 1 TSAGPRR	1 1 1	
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	*	0.54	*	*	*	1	1	YEIFK	1

NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	0.00	2.78	0.71	0.00	1	4	3 2 3 3	IIDAGPKGNYARFMNHC[330]C[339]QPNC[330]JETQK QSDPGKISEKGLSFENGK DRIIDAGPKGNYAR EDEC[330]FSC[330]GDAGQLVSC[330]K	1 1 1 1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	1.61	1.03	0.09	3	1	1 2 1	GILLYGPPGC[339]GK GILLYGPPGC[339]GK GILLYGPPGC[330]GK	1 1 1
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	*	1.38	*	*	*	1	2	NC[339]LVGQGLVVK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	1.75	*	*	*	1	3	LPPYDIPGM[147]VSVVELKQSSVM[147]QR	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.97	13.04	1.93	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1
NUAK1_HUMAN (O60285) NUA family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	*	3.48	*	*	*	1	2 2	KENDFAQSGQDAVPESPSKLSSK VLFLLGADGGC[339]ITR	1 3
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	7.57	1.31	0.05	7	3	2 3 2 2	VLFLLGADGGC[330]ITR DC[339]FIIYQGHHDVVGAPIADVILPGAAYTEK VVAAC[339]AM[147]PVM[147]K VVAAC[330]AM[147]PVM[147]K	1 1 1 1

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	25.43	1.79	0.14	7	6	2	LLEGC[339]LVGGR	2
							2	NAC[339]GSGYDFDFVVR	1
							3	YLVVNADEGEGPTC[339]KDREILR	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
							3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
3	LKPPFPADVGVFGC[339]PTTVANVETVAVSPTIC[339]R	1							
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	0.99	5.62	1.82	0.00	1	1	2	YHIQVC[339]TTTTPC[339]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.21	8.57	0.93	0.00	1	1	2	LC[339]EAIC[339]PAQAITIEAEP	1
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	*	3.07	*	*	*	3	2	SPRIATTTASAATAAAIGATPRAK	1
							2	KLLTEKDAQIAM[147]M[147]QQR	1
							3	HLTAQVRSLEAQVAHADQQLRDLGK	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	34.68	1.55	0.06	3	3	3	VSPTGEKVTHTGQVYDDKDYR	1
							1	SLPLGAR	1
							2	VIAC[339]DGGGGALGHPK	2
1	VIAC[339]DGGGGALGHPK	1							
NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	15.34	0.24	0.00	1	3	2	TLGTPTQPGSTPRISTM[147]R	1
							2	IFGESIM[147]IGVKPC[330]IDK	1
							2	KDESLVSKAM[147]EYMFQW	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	*	5.41	*	*	*	1	3	YM[147]AIC[339]KPLHELITM[147]NRR	1
O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	*	9.90	*	*	*	1	3	HVSPLINVLMANVLLLVPPLTNPIVYC[339]VKTK	1
O52N2_HUMAN (Q8NGI0) Olfactory receptor 52N2 [MASS=35940]	0.00	9.03	0.61	0.00	1	1	3	HKAFSTC[330]TSHM[147]C[330]SIVITYVAFFFTFFTHR	1
O5BF1_HUMAN (Q8NHC7) Olfactory receptor 5BF1 [MASS=34815]	0.00	9.62	1.63	0.00	1	1	3	NLSILDAC[339]YISVTVPTSC[339]VNSLLDSTTISK	1

OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.28	1.39	0.00	1	7	2	MDQPQFSGAPR	1
							3	DGDRYC[330]LRQDGAMC[339]ELQIR	1
							3	FRLAQDGDLYR	1
							3	C[339]ELSKAAPVEWR	1
							2	DLGDPSMDKAAVK	1
							2	RVLLVRDVAR	1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.00	1.78	1.44	0.00	1	2	2	C[339]LDSAYDPR	1
							1	VTNTMRK	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2- methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	3.11	*	*	*	1	2	DGRILKEDILNYLEK	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine- residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S- acetyltransferase component [MASS=65781]	0.66	4.89	1.16	0.00	1	1	3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.99	2.82	0.88	0.00	1	1	2	LPC[339]IFIC[339]ENNR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1- B) [MASS=39219]	1.00	11.14	0.68	0.06	2	2	3	QGTHITVVSHSRPVGHC[330]LEAAAVLSK	1
							2	PVGHC[330]LEAAAVLSK	1
							2	PVGHC[339]LEAAAVLSK	1

ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.87	12.18	1.21	0.00	1	3	2	STVPHAYATADC[339]DLGAVLK	1
							3	PSPEPQISIPVKKEHIPGTLR	1
							3	QLITVTMSSDSRVVDEDELATR	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	6.04	1.22	0.00	2	3	2	TALNHC[339]NLC[339]R	1
							3	M[147]LAITANTLRQQLTNTVEVRR	1
							3	GPGLQRM[147]VLVDLPGVINTVTSGMAPDTK	1
							2	TALNHC[330]NLC[330]R	1
OPTN_HUMAN (Q96CV9) Optineurin (Optic neuropathy-inducing protein) (E3-14.7K-interacting protein) (FIP-2) (Huntingtin-interacting protein HYPL) (NEMO-related protein) (Transcription factor IIIA-interacting protein) (TFIIIA-IntP) [MASS=65922]	*	2.43	*	*	*	1	2	ELLTENHQLKEAMK	1
OR8D2_HUMAN (Q9GZM6) Olfactory receptor 8D2 (Olfactory receptor-like protein JCG2) [MASS=34857]	0.00	12.86	35.73	0.00	1	2	3	VC[330]SIMM[147]AVVYSLGFLWATVHTTR	1
							2	YVAIC[339]RPLLYNIVM[147]SHR	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	0.00	5.69	0.14	0.00	1	2	3	MEGLPYPTMSETMAVC[330]SHLGSC[330]RLLLVPEPSR	1
							2	NSSVLEQSFRLAIAEFR	1
OX1R_HUMAN (O43613) Orexin receptor type 1 (Ox1r) (Hypocretin receptor type 1) [MASS=47522]	0.00	11.06	0.48	0.00	1	2	3	SLSLQSRC[330]SISKISEHVVLTSVTTVLP	1
							2	C[339]SISKISEHVVLTSVTTVLP	1
OXDD_HUMAN (Q99489) D-aspartate oxidase (EC 1.4.3.1) (DASOX) (DDO) [MASS=37535]	0.00	5.57	1.14	0.00	1	1	2	IAVVGAGVVGLSTAVC[330]ISK	1
OXR_P_HUMAN (Q9Y4L1) 150 kDa oxygen-regulated protein precursor (Orp150) (Hypoxia up-regulated 1) [MASS=111335]	*	1.20	*	*	*	1	2	AVLQAARM[147]AGLK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	*	5.65	*	*	*	2	1	FEGATVLK	1
							3	DYSALLYMNDDFEGGEFIFTEMDAKVTASIK	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	1.40	0.00	1	1	3	SLLHMISNDIGQLAC[339]LHAR	1

PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	28.57	1.09	0.08	4	3	2	VTVAGLAGKDPVQC[339]SR	1
							2	GLIAAIC[339]AGPTALLAHEIGFGSK	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	DVVIC[330]PDASLEDAKK	1
PAX1_HUMAN (P15863) Paired box protein Pax-1 (HUP48) [MASS=46295]	0.00	3.64	*	*	*	1	2	IVELAQLGIRPC[339]DISR	1
PAX9_HUMAN (P55771) Paired box protein Pax-9 [MASS=36310]	0.00	3.81	1.88	0.00	1	1	2	PRVTTPTVVKHIR	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	*	0.66	*	*	*	1	1	QIYKGM[147]VAPDAVK	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C- endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	*	3.13	*	*	*	1	2	IMPNSFIMM[147]FKTK	1
PDIA5_HUMAN (Q14554) Protein disulfide- isomerase A5 precursor (EC 5.3.4.1) (Protein disulfide isomerase-related protein) [MASS=59594]	0.00	3.85	0.04	0.00	1	2	2	LLSTVAQAVK	1
							2	GFPTIC[330]YFEK	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	*	6.14	*	*	*	1	3	HYQTIQEAGDWC[330]VPSTEPKNTSTYR	1
							3	IQM[147]VSSSQKKGVTVPHPSPQPK	1
							1	TPGPKDR	1
							1	DGWSPPRSR	1
PDZK3_HUMAN (O15018) PDZ domain- containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	2.50	*	*	*	7	1	SFSMAK	1
							2	HNQGTHLR	1
							1	EPGKPR	7
							3	GGNRAC[330]PGGSGPK	1

PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPpp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.95	11.83	0.87	0.00	1	1	3	YVWLVYEQRPLKC[339]DEPILSNR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	6.72	*	*	*	2	2	ISFNLGAAEEVERLAAMR	1
							2	VMIC[339]MPVGGPDLVSYTAQK	1
PEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	0.53	5.74	0.88	0.00	1	2	2	C[330]M[147]INQYSNYYWKK	1
							3	ASNEHILKLDQATLSLAVREDYLDNSTEAK	1
PHF8_HUMAN (Q9UPP1) PHD finger protein 8 [MASS=117863]	0.00	4.81	*	*	*	3	3	VDKARLMAEQVMEDEFDLDSDDELQIDER	1
							2	KKNSDDAPWSPK	1
							2	LSLPSKNGSK	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	4.17	*	*	*	1	3	LGWAMTSADLNQDGHGDLVVGAPGYSRPGHIHIGR	1
PI51C_HUMAN (O60331) Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	0.00	4.04	0.86	0.00	1	2	2	GERLLLHIGIIDILQSYR	2
							2	DC[330]LVLESFK	1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	0.00	1.90	0.43	0.00	1	3	1	KPPNR	1
							3	AM[147]AC[330]YFGILLIVSATLC[330]FGM[147]LR	1
							3	AQAPVSVISEGTHLFFSRTTSSPIVLR	1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.32	2.36	0.41	0.00	1	2	2	KIANNNC[330]IFIVIHR	1
							3	DALTVGKNEEDAK	1
PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	*	1.03	*	*	*	1	3	PDASAVYLRDFQR	2
PLRG1_HUMAN (O43660) Pleiotropic regulator 1 [MASS=57193]	0.00	5.25	0.59	0.00	1	1	3	VHAAVQPGSLDSESGIFAC[330]AFDQSESR	1
PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	*	2.15	*	*	*	3	3	LTGNLTIQVAHKTGPEEDNK	1
							2	DM[147]AFSIDQR	1
							2	VEQLINAMSIES	1
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	*	0.32	*	*	*	1	2	HTC[339]TSR	1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	*	2.67	*	*	*	2	2	NLDTVKGSSSLHVGSDLLK	1
							3	SFVASNDEGVATVGLVSSTGPGGDRVLFVGK	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	0.47	*	*	*	1	1	GNISAVAVR	1
PO3F2_HUMAN (P20265) POU domain, class 3, transcription factor 2 (Nervous system-specific octamer-binding transcription factor N-Oct-3) (Brain-specific homeobox/POU domain protein 2) (Brain-2) (Protein Brn-2) [MASS=46892]	*	2.26	*	*	*	1	2	PSVVVQQGGR	3
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	25.00	1.52	0.15	4	2	3	HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK	1
							2	IIPGFM[147]C[339]QGGDFTR	1
							2	IIPGFM[147]C[330]QGGDFTR	1
							2	IIPGFMC[330]QGGDFTR	1
PPWD1_HUMAN (Q96BP3) Peptidylprolyl isomerase domain and WD repeat-containing protein 1 (EC 5.2.1.8) [MASS=73574]	0.00	4.18	1.82	0.00	1	2	2	LM[147]RVFDESLSMFTELQQMR	1
							2	LFPVEC[339]PK	1

PRAM5_HUMAN (Q5TYX0) PRAME family member 5 [MASS=54860]	0.00	6.72	0.24	0.00	1	2	3	MPC[339]LEAFQAVLDGLDALLTQGVHPR 2 PVQDC[339]PR	1 1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	0.00	4.25	0.44	0.00	1	3	3	MDKPMMLKQAGSGVHAAGTPENSAPVESEPSQWAC[330]K 1 DIALM[147]DDHQR 3 EHMRVHDNVREYLC[330]AEC[330]GK	1 1 1
PRD16_HUMAN (Q9HAZ2) PR domain zinc finger protein 16 (PR domain-containing protein 16) (Transcription factor MEL1) [MASS=140261]	0.00	3.45	0.83	0.00	1	2	3	YSLEQHMVIHTEEREYK[330]DQC[330]PK 2 RC[330]AEDHEGGLLALEPM[147]PTFGK	1 1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo) [MASS=22026]	1.00	17.29	0.86	0.02	2	2	2	GVLFVPGAFTPGC[339]SK 2 GVLFVPGAFTPGC[330]SK 3 GVQVVAC[330]LSVNDAFVTGEWGR	1 1 1
PRIC1_HUMAN (Q96MT3) Prickle-like protein 1 (REST/NRSF-interacting LIM domain protein 1) [MASS=94300]	*	3.73	*	*	*	2	3	SLFQPQPNE[147]DIRASEHWISDNM[147]VK 1 ILPEEK	1 1
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.00	6.20	0.75	0.00	1	2	2	FNVEKPLIFNTYQC[330]YLK 2 ALENSMLMKGTHRER	1 1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	0.00	3.21	2.12	0.00	1	1	2	M[147]LLLALFC[339]VAVSVVWGVFR	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	0.97	*	*	*	1	3	RIVLVDDREC[330]PVR	3
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3	LLVSTQLSHC[339]JR	1

PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.94	5.94	1.17	0.00	1	4	2	VIAHGKDHPTAATKM[147]SR	1
							1	AGTHILC[339]IK	1
							3	IVGDLAQFM[147]VQNGLSR	1
							3	PAQNRAQKLLHYLGHVMVNGPTTPIPVK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	2.74	1.00	0.00	1	1	1	ALIHSAC[339]VK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	0.00	2.34	2.01	0.00	1	2	2	KLLGHTC[339]JK	1
							2	EENAVFKIPLRPR	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	0.63	*	*	*	1	1	PGEGASGASR	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	0.00	2.55	1.17	0.00	1	3	3	SM[147]KGFYFAKLYYEAK	1
							2	EYLESQC[330]LES DK	1
							2	KC[330]ELSKNSDIEQSSDSK	1
RBP26_HUMAN (Q68DN6) Ran-binding protein 2-like 6 (RanBP2L6) [MASS=196685]	0.00	2.86	*	*	*	3	2	GFSGAGEKLFSSQC[339]GK	1
							3	SLELNPPQKDLVLKIAELLC[330]K	1
							3	FDESTTGFNF SFK	1
RDH1_HUMAN (Q92781) 11-cis retinol dehydrogenase (EC 1.1.1.105) (11-cis RDH) [MASS=34979]	*	6.60	*	*	*	1	3	M[147]WLP LLLGALLWAVLWLLRDR	1
RECK_HUMAN (O95980) Reversion-inducing cysteine-rich protein with Kazal motifs precursor (hRECK) (Suppressor of tumorigenicity 15) (ST15) [MASS=106457]	*	5.97	*	*	*	4	3	DVC[339]EQIFSSKSESRLK	1
							2	VTNKKPITVLEILQK	1
							3	GSIKMPFINIPVLDIK	1
							2	AEDHAC[339]QNAC[330]K	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	1.08	*	*	*	1	1	GGAPGAKR	2
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	*	0.57	*	*	*	1	2	PKDSSC[339]R	1

RFC4_HUMAN (P35249) Replication factor C subunit 4 (Replication factor C 37 kDa subunit) (RF-C 37 kDa subunit) (RFC37) (Activator 1 37 kDa subunit) (A1 37 kDa subunit) [MASS=39681]	*	5.51	*	*	*	1	3	IVILDEADSMTSAAQAALRR	1
RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	*	17.51	*	*	*	2	2 LMHSPAGRSVFR 3 SVFRAFLRTEYSEENMLFWLAC[330]EELK	1 1	
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	7.25	1.17	0.00	1	1	2 HFC[339]PNVPIILVGNK	1	
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	1.00	7.14	1.03	0.00	2	1	2 HFC[339]PNVPIILVANK 2 HFC[330]PNVPIILVANK	1 1	
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	*	2.80	*	*	*	1	2 VSEM[147]QKLDQVKELVLK	1	
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	*	2.21	*	*	*	3	3 C[339]AILKEENQM[147]LR 1 GPQKRGVR 2 PEDEEVEAFLKAKLNMSFGDR	1 1 1	
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	*	5.46	*	*	*	1	3 DM[147]DIIMKLKEEDM[147]AMNAQQDNILYQTVTGLK	1	
RIPK2_HUMAN (O43353) Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (RIP-like-interacting CLARP kinase) (Receptor-interacting protein 2) (RIP-2) (CARD-containing interleukin-1 beta-converting enzyme-associated kinase) (CARD-containi [MASS=61195]	0.00	3.15	16.67	0.00	1	1	2 MNGEAIC[339]SALPTIPYHK	1	
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	0.00	6.46	0.69	0.00	1	3	3 DVIVPENGEVPGTREIKC[339]C[330]JIR 3 GPAGDVAETGLQAGQLSC[330]ISFPPK 3 DLYTGLKAGLTLETR	1 1 1	

RIR2B_HUMAN (Q7LG56) Ribonucleoside-diphosphate reductase M2 subunit B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2) [MASS=40736]	0.00	6.55	0.48	0.00	1	1	3	IEQEFLTEALPVGLIGM[147]NC[330]ILMK	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	*	2.78	*	*	*	1	1	NWQNVNR	1
RL12_HUMAN (P30050) 60S ribosomal protein L12 [MASS=17818]	0.99	11.52	1.49	0.00	1	1	2	HPHDIIDDINSGAVEC[339]PAS	1
RNBP6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	0.00	0.90	5.79	0.00	1	1	3	LC[339]DIFAVLAR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	2.16	1.18	0.00	1	1	3	YMRAQMEPGSAVGALC[339]AQSIGEPGTQM[147]TLK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	*	7.27	*	*	*	1	2	STPRM[147]SPQAREDQLQR	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	0.00	3.83	8.28	0.00	1	1	3	M[147]AQLLNSILSVIDVFHXYAKGNNGDC[339]ALLC[339]K	1
RS25_HUMAN (P62851) 40S ribosomal protein S25 [MASS=13742]	0.00	20.00	0.50	0.00	1	2	1	LVSKHR	1
RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	*	27.50	*	*	*	4	2	LC[330]KEVPNYKLITPAVVSER	1
							2	C[339]ILQDGRIFIGTFKAFDK	1
							3	GTPMGM[147]PPPGM[147]RPPPPGM[147]RGPPPPGMR	1
							1	PPPPGM[147]R	1
							2	VPLAGAAGGPGIGR	1
RT06_HUMAN (P82932) Mitochondrial 28S ribosomal protein S6 (S6mt) (MRP-S6) [MASS=14095]	*	11.29	*	*	*	1	1	RTIEALM[147]DRGAIVR	1
RTTEL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	*	1.07	*	*	*	1	3	TM[147]PAPAPRATAPSVR	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	1.00	2.96	0.63	0.11	2	2	2	YTDC[339]LQFYVNSTLK	1
							2	YTDC[330]LQFYVNSTLK	1
							2	PEGVREPK	1

RTN4_HUMAN (Q9NQC3) Reticulon-4 (Neurite outgrowth inhibitor) (Nogo protein) (Foccen) (Neuroendocrine-specific protein) (NSP) (Neuroendocrine-specific protein C homolog) (RTN-x) (Reticulon-5) [MASS=129930]	0.97	1.85	0.89	0.00	1	2	2	YSNSALGHVNC[339]TIK	1
							1	KAQIVTEK	1
RUNX1_HUMAN (Q01196) Runt-related transcription factor 1 (Core-binding factor, alpha 2 subunit) (CBF-alpha 2) (Acute myeloid leukemia 1 protein) (Oncogene AML-1) (Polyomavirus enhancer-binding protein 2 alpha B subunit) (PEBP2-alpha B) (PEA2-alpha B) (SL [MASS=48796])	0.28	7.73	*	*	*	1	3	VVALGDVDPDGLTVTM[147]AGNDENYSAELRNATAAM[147]K	2
							3	KLDTNSDGQLDFSEFLNLIGGLAMAC[339]HDSFLK	2
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	60.00	1.27	0.09	7	2	3	LDTNSDGQLDFSEFLNLIGGLAM[147]AC[339]HDSFLK	2
							3	LDTNSDGQLDFSEFLNLIGGLAM[147]AC[330]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[330]HDSFLK	2
S22A9_HUMAN (Q8IVM8) Solute carrier family 22 member 9 (Organic anion transporter 4) [MASS=62169]	0.00	5.06	0.13	0.00	1	1	3	ASQMLLMFLLAIC[330]LLAIIFVPQEM[147]QTLR	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	*	0.86	*	*	*	3	1	SVISAHK	1
							3	PFFDNLLQDELQHLK	1
							1	KTVAENVYRLK	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	13.01	1.19	0.09	2	3	2	THFFLNAGNLC[330]NLNYGEGPK	1
							2	IC[339]DGVQFGAGIR	1
							3	RLTGSYNTM[147]VGNNEGSM[147]VLGLKLPNLLGR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112])	1.00	7.63	1.11	0.12	8	2	1	GC[339]SFLPDPYQK	1
							3	QC[339]DQFVAEYEPVLIIEILVEVM[147]DPSFVC[339]LK	2
							2	GC[339]SFLPDPYQK	3
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	0.97	17.17	0.60	0.00	1	2	2	NYLPAINGIVFLVDC[330]ADHSR	1
							2	SGKLVFLGLDNAGK	1

SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	0.00	1.57	1.31	0.00	1	1	2	HPAWGH[C339]FYR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.42	9.23	1.73	0.00	1	3	2 GLTLIELWEGLTVDDVQKSTGC[330]DFAVSPK 1 STGC[339]DFAVSPK 2 C[339]TLPLTGK	1 1 1	
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	*	1.04	*	*	*	1	2 DDDGDGSK	1	
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	1.54	*	*	*	1	2 LDTHNLESGRLK	1	
SENP6_HUMAN (Q9GZR1) Sentrin-specific protease 6 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP6) (SUMO-1-specific protease 1) [MASS=126144]	*	1.44	*	*	*	2	1 KARMK 2 ERKEYPPHVQK	3 1	
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	*	5.15	*	*	*	1	3 LYPWGIVEVENQAHC[339]DFVK	1	
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	*	15.56	*	*	*	3	3 VNIIPLIKADTLTPEEC[339]QQFKK 3 VQC[339]C[330]LYFIAPSGHGLKPLDIEFMKR 3 LAAVTYNGVDNKNKGQLTK	1 1 1	
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	*	2.49	*	*	*	1	3 ELEEETNAFNRR	1	
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	0.00	0.87	0.77	0.00	1	1	2 GC[330]AYIVMVHR	1	
SFRP2_HUMAN (Q96HF1) Secreted frizzled-related protein 2 precursor (sFRP-2) (Secreted apoptosis-related protein 1) (SARP-1) (Frizzled-related protein 2) (FRP-2) [MASS=33490]	0.61	4.41	0.20	0.00	1	1	2 NDDDNDIM[147]ETLC[330]K	1	

SFTA1_HUMAN (Q8IWL2) Pulmonary surfactant-associated protein A1 precursor (SP-A1) (SP-A) (PSP-A) (PSPA) (Alveolar proteinosis protein) (35 kDa pulmonary surfactant-associated protein) [MASS=26242]	0.00	8.47	4.80	0.00	1	1	2	DVC[339]VGSPGIPGTPGSHGLPGR	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	1.00	15.58	1.15	0.01	2	2	2	FVPFAAVAAANC[339]INIPLMR	1
							2	FVPFAAVAAANC[330]INIPLM[147]R	1
							2	FVPFAAVAAANC[339]INIPLM[147]R	1
							3	QAITQVVVSRILM[147]AAPGM[147]AIPPFIMNTLEKK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.00	8.55	0.84	0.00	1	2	3	ATPQHTVSFTC[339]ESHGFSR	1
							3	ATPQHTVSFTC[330]ESHGFSRDLTK	1
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045])	0.00	15.32	0.44	0.00	1	2	3	PTTGLLAILLALHLC[330]DLVHIAGFGYPDAYNKK	1
							2	VLAITSSSIPKNIQLRC[330]R	1
SIAL_HUMAN (P21815) Bone sialoprotein-2 precursor (Bone sialoprotein II) (BSP II) (Cell-binding sialoprotein) (Integrin-binding sialoprotein) [MASS=35018]	0.60	5.68	0.31	0.00	1	1	2	TALILLSILGMAC[330]AFSM[147]K	1
SIN3B_HUMAN (O75182) Paired amphipathic helix protein Sin3b (Transcriptional corepressor Sin3b) (Histone deacetylase complex subunit Sin3b) [MASS=133066]	0.00	1.38	2.11	0.00	1	1	3	GTLC[339]RAKQVQPLVLLR	1
SIPA1_HUMAN (Q96FS4) Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) [MASS=112148]	*	3.26	*	*	*	2	3	AAPRGPGAELQAAGSLVWGV	1
							2	M[147]PMWAGVGSPRR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	*	3.52	*	*	*	1	3	GLQLTWLENGNVS	1

SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.72	5.66	0.92	0.00	1	1	3	C[339]EDC[339]QSLVKPDIVFFGESLPAR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	0.00	6.50	0.33	0.00	1	2	2 ADTILC[339]LGSSSLKVLKK 2 LHGKC[330]DDVMR	1 1	
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	*	2.63	*	*	*	1	3	HEGLGNPDC[330]GSM[147]QLQLRKHDHK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	0.98	*	*	*	1	2	C[330]EGTTVDC[330]SNQKLNK	1
SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	*	1.01	*	*	*	1	1	M[147]FRSK	1
							2	GYEYC[339]R	12
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	0.61	5.26	0.00	1	1			
SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]	*	1.64	*	*	*	4	1 AVRDPK 3 HLDNVLIDM[147]TTGEVVHIDYNVC[330]FEKGKSLR 2 SM[147]SYSDERLSNLLR 2 GIIPQLFSR	1 1 1 1	
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	0.00	1.27	0.26	0.00	1	1	2	AGGALC[330]HILGAAYK	3

SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	1.87	*	*	*	1	3	DHLVSRLQDLQQQVR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.69	7.38	2.17	0.00	1	2	2 1	AALC[330]HFIVDELNAK GLFGGNTR	1 1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	0.00	2.47	0.89	0.00	1	1	2	RSSGSQQC[339]HHVSKTLER	1
SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	11.88	1.59	0.00	1	1	3	GFVDLSDSTQVNNYWALNLTSM[147]LC[339]LTSSVLK	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	0.00	6.78	1.38	0.00	1	1	2	C[339]PAGQAEVEMAELYVK	1
SRBS1_HUMAN (Q9BX66) Sorbin and SH3 domain-containing protein 1 (Ponsin) (c-Cbl-associated protein) (CAP) (SH3 domain protein 5) (SH3P12) [MASS=142454]	0.00	1.16	0.47	0.00	1	1	2	DLSLC[330]QTELEADLEK	1
SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	*	1.88	*	*	*	1	2	AGAVEQLRTHTR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.99	5.79	1.63	0.13	2	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Cliik1) (PDLIM1-interacting kinase 1) [MASS=44573]	0.00	3.99	1.98	0.00	1	1	2	VADFGLSKVC[339]AGLAPR	1
STOX1_HUMAN (Q6ZVD7) Storkhead-box protein 1 (Winged helix domain-containing protein) [MASS=110961]	*	4.85	*	*	*	3	2 2 3	ASFEAEVIQDTIGDTGK ANARC[330]FWNARLAR M[147]ARPVQLAPGSLALVLC[339]R	1 1 1

STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	5.56	1.31	0.04	3	2	3 AAHVFFTDSC[339]PDALFNELVK 2 YSTHLHLAEDC[330]MK 2 YSTHLHLAEDC[339]M[147]K 1 VNPSSYSR	1 1 1 8
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	*	0.82	*	*	*	1		
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.98	1.96	1.06	0.00	1	1	2 NVGC[339]LQEALQLATSFAQLR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.79	2.87	0.43	0.00	1	2	2 KPGLEEAVESAC[330]AMR 2 EESSYKVIVMPPTK	1 1
SYLC_HUMAN (Q9P2J5) Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS) [MASS=134465]	*	3.49	*	*	*	3	1 KTIQKK 2 VIASELGSM[147]PELKMYM[147]K 2 VMPFVAM[147]IKENLEKMGPR	1 1 1
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	*	1.42	*	*	*	1	2 MGHAHSGM[147]GK	1
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	*	1.39	*	*	*	6	3 TEAELEM[147]LKM[147]AKPPSDIQEIELR 3 IEEINNGLHNVEKM[147]LQKK 3 LPAVTSEEGGVAER 2 VAKLRDEGER 2 TLQNMNR 3 ELIKELEQSLASWTQNLKELQTMK	1 1 1 1 1 1
SYNJ1_HUMAN (O43426) Synaptojanin-1 (EC 3.1.3.36) (Synaptic inositol-1,4,5-trisphosphate 5-phosphatase 1) [MASS=173345]	0.00	2.16	0.76	0.00	1	2	2 SRASSSLDGFK 2 TSPC[339]QSPTISEGPVPSLPIRPSR	1 1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	3.83	1.05	0.09	5	1	1 LHQVYFDAPTC[330]R 2 LHQVYFDAPTC[339]R 1 LHQVYFDAPTC[339]R 2 LHQVYFDAPTC[330]R	1 1 1 2

SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	*	1.47	*	*	*	1	1	AMEKLVLR	1
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	0.00	3.25	0.26	0.12	2	1	2	GPSSGSC[330]IDQLPIK	2
SYT14_HUMAN (Q8NB59) Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV) [MASS=62288]	0.00	1.26	2.69	0.00	1	1	2	C[339]KTSIRR	1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	7.11	*	*	*	2	2	DDDAETGLTDGEEKEEPK	1
							2	VQVVVTVLDDYDK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	3.02	*	*	*	1	3	EVVMEHPSSGSDWSDVEEISTVR	1
							2	SIQFVDWC[330]PTGFK	2
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
							3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	2
							2	YMAC[330]C[330]LLYR	1
							3	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
							1	SIQFVDWC[339]PTGFK	1
							3	LSDQC[330]TGLQGFLVFHFSFGGGTGSFTSLLM[147]ER	2
							TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	17.41
3	LSDQC[330]TGLQGFLVFHFSFGGGTGSFTSLLMER	1							
2	SIQFVDWC[339]PTGFK	3							
2	YM[147]AC[339]C[339]LLYR	4							
2	YM[147]AC[330]C[330]LLYR	3							
2	YM[147]AC[330]C[330]MLYR	1							
2	TIQFVDWC[330]PTGFK	1							
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	0.34	0.00	1	2	2	YM[147]AC[330]C[330]MLYR	1
							2	TIQFVDWC[330]PTGFK	1

TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.13	0.04	5	1	3	LADQC[339]TGLQGFLVFHFSFGGGTGSGFTSLLM[147]ER	3
							3	LADQC[339]TGLQGFLVFHFSFGGGTGSGFTSLLMER	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	NMM[147]AAC[330]DPR	1
							2	NM[147]M[147]AAC[330]DPR	1
							3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	TAVC[330]DIPPR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	16.85	*	*	*	4			
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	3
							2	NM[147]M[147]AAC[339]DPR	1
							1	TAVC[339]DIPPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							2	EIVHIQAGQC[339]GNQIGAK	2
							2	EIVHIQAGQC[330]GNQIGAK	3
							2	M[147]REIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[339]GNQIGAK	2
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	1.29	0.09	34	2	3	MREIVHIQAGQC[330]GNQIGAK	1
							3	MREIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[330]GNQIGAK	2
							2	MREIVHIQAGQC[330]GNQIGAK	1
							3	EIVHIQAGQC[330]GNQIGAK	1
							3	EIVHIQAGQC[330]GNQIGAK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	4.04	*	*	*	1	3	EEFPDRIMNTFSVMPSPK	1

TBC14_HUMAN (Q9P2M4) TBC1 domain family member 14 [MASS=76626]	*	2.06	*	*	*	1	2	KSSTFPRTGYDSVK	1
TBR1_HUMAN (Q16650) T-brain-1 protein (T-box brain protein 1) (TBR-1) (TES-56) [MASS=74053]	0.29	3.96	1.79	0.00	1	2	2	M[147]QLEHC[339]LSPSIMLSKK SEVLAQRDC[330]EK	1 1
TCOF_HUMAN (Q13428) Treacle protein (Treacher Collins syndrome protein) [MASS=144311]	0.00	4.39	1.11	0.00	1	4	2	GSLGSQGAK	1
							1	KGAAPAPPR	1
							2	SSSSESEDEDVIPATQC[330]LTPGIR	1
							2	GAAPAPPRKTGPAAAQVQVGK	1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	2.98	*	*	*	1	3	EVDIGIPDATGRLEILQIHTKNMK	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.04	*	*	*	2	1	MAHIR	1
							3	FSISTMLPPVSEC[339]INKNISNSSKK	1
TFP11_HUMAN (Q9UBB9) Tuftelin-interacting protein 11 [MASS=96819]	0.00	1.19	*	*	*	1	1	FNEALDIM[147]NR	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.20	0.02	3	1	2	IHM[147]GSC[339]AENTAK	2
							2	IHM[147]GSC[330]AENTAK	1
THIO_HUMAN (P10599) Thioredoxin (ATL-derived factor) (ADF) (Surface-associated sulphhydryl protein) (SASP) [MASS=11606]	0.00	8.65	0.86	0.00	1	1	2	C[330]M[147]PTFQFFK	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.98	8.70	1.12	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	0.00	1.23	0.70	0.00	1	2	2	SRLEDIPVASLPDLHDIER	1
							2	FTATSFGHPYVPSC[330]JR	1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	0.38	*	*	*	1	1	TDTAFK	1
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	*	1.60	*	*	*	2	1	TSLSFK	3
							2	C[330]DPVPAANGAIR	1

TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	0.97	15.79	1.10	0.00	1	1	2	C[339]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.74	17.98	1.25	0.00	1	1	2	LTETC[339]FLDC[339]VKDFTTTR	1
TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	*	6.93	*	*	*	2	2	RGLVSHAC[330]YPLFK DQNATNNGC[339]AMASRS DGRGK	1 1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	1.77	*	*	*	3	2 3 1	GEAAQLGHK ALRFGTEC[330]TLGYLDLLEHVLVILQKPTPEFK KKQSK	1 1 1
TMED4_HUMAN (Q7Z7H5) Transmembrane emp24 domain-containing protein 4 precursor [MASS=25943]	0.00	7.49	0.51	0.00	1	1	3	C[330]FIEEIPDETMVIGNYR	1
TNFL6_HUMAN (P48023) Tumor necrosis factor ligand superfamily member 6 (Fas antigen ligand) (Fas ligand) (CD178 antigen) (CD95L protein) (Apoptosis antigen ligand) (APTL) [Contains: Tumor necrosis factor ligand superfamily member 6, membrane form; Tumor [MASS=31485]	0.00	7.12	2.25	0.00	1	1	2	VYFRGQSC[339]NNLPLSHKVYM[147]R	1
TNMD_HUMAN (Q9H2S6) Tenomodulin (TeM) (hTeM) (Chondromodulin-l-like protein) (ChM1L) (hChM1L) (Myodulin) (Tendin) [MASS=37130]	0.00	13.25	7.29	0.00	1	2	2 3	VIMPC[330]NWWWVARM[147]LGR IC[339]KSLKIC[339]GLVFGILALTLIVLFWGSK	1 1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	8.55	0.55	0.72	3	4	1 1 3	RNSER AKAHEK ILLDQVEEAVADFDEC[330]IR	2 1 1
TOPB1_HUMAN (Q92547) DNA topoisomerase 2-binding protein 1 (DNA topoisomerase II-binding protein 1) (DNA topoisomerase IIbeta-binding protein 1) (TopBP1) [MASS=170677]	*	2.17	*	*	*	2	3 2	VILHVDQSREAGFK SAHRPHVVGAKWLLLEC[330]FSK	1 1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	0.91	7.26	1.11	0.00	1	1	2	VAHALAEGLGVIAC[330]IGEK	1

								2	LLGKTDVQR	7
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	1.51	*	*	*	1				
TRI15_HUMAN (Q9C019) Tripartite motif-containing protein 15 (Zinc finger protein B7) (RING finger protein 93) (Zinc finger protein 178) [MASS=52112]	0.00	3.66	0.61	0.00	1	1	2	C[330]QEDQKLQVLLTQIESK	1	
TRI50_HUMAN (Q86XT4) Tripartite motif-containing protein 50 [MASS=54774]	0.00	5.95	0.35	0.00	1	1	3	ARC[330]LEGIGGHTRGLVASLDM[147]QLEQAQGTR	1	
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	0.00	3.23	0.18	0.00	1	1	3	EDSPGPEVQPMQKQFLVC[330]SIC[330]LDR	1	
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	2.04	*	*	*	4	2	C[339]LEDPEKLGSLFVKHER	1	
							3	EC[339]MDTYLWEM[147]TSGVEEIPPGIVNK	1	
							2	DFSLRM[147]JEK	1	
							2	MKAM[147]DVLPIKKEK	1	
TRPC5_HUMAN (Q9UL62) Short transient receptor potential channel 5 (TrpC5) (Htrp-5) (Htrp5) [MASS=111411]	0.00	4.01	1.35	0.00	1	2	2	VNYSYPYRDRIPLQIVR	1	
							3	LLTC[339]M[147]TIGFLFPMLSIAYLISPR	1	
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.91	*	*	*	1	3	WSISKHTQLSPTDAFGTIEFQGGGHSNKAM[147]YVR	1	
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	*	5.31	*	*	*	3	2	NVASEGEGQILEPIGTESK	1	
							3	EFSADQM[147]SENTDQSDAAELNHK	1	
							3	C[339]KFC[330]NFTYM[147]GNSSTELEQHFLQTHPNK	1	
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	0.00	0.78	0.42	0.00	1	2	2	LLAYC[330]LLNYC[330]K	1	
							2	LPEM[147]GSNVELSNLYLKLFK	1	
TRYB1_HUMAN (Q15661) Tryptase beta-1 precursor (EC 3.4.21.59) (Tryptase-1) (Tryptase I) [MASS=30515]	0.00	2.91	*	*	*	1	1	LPPPFPLK	1	

TSH2_HUMAN (Q9NRE2) Teashirt homolog 2 (Zinc finger protein 218) (Ovarian cancer- related protein 10-2) (OVC10-2) [MASS=115004]	0.00	2.90	2.69	0.00	1	2	3	NC[330]DTRNGSNK	1
								C[339]M[147]FC[339]GDSFDSLQDLSVHMIK	1
TYPH_HUMAN (P19971) Thymidine phosphorylase precursor (EC 2.4.2.4) (TdRPase) (TP) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (Gliostatin) [MASS=49955]	0.00	4.77	0.57	0.00	1	1	2	MLAAQGVDPGLARALC[330]SGSPAER	1
U3023_HUMAN (Q86Y78) Protein UNQ3023/PRO9821 precursor [MASS=19118]	0.00	11.11	0.53	0.00	1	1	2	YC[330]YTQHTM[147]EVTGNSISVTK	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl- terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	4.18	1.13	0.00	1	3	3	EIGPDDMMN[147]EEYK	1
							2	C[330]EVWGENPNPNDWRR	1
							2	RLVLSYSLPQNVLENC[330]R	1
UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl- terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	*	2.44	*	*	*	2	2	MC[330]NKINKVNSEGEFDK	1
							1	LSASPPK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl- terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	0.58	*	*	*	1	1	VQASHK	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl- terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.00	1.56	0.02	0.00	1	1	2	HKLTLESYQAVC[330]DR	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	17.94	0.86	0.05	2	2	1	FSAVALC[339]K	1
							3	QTIGNSC[330]GTIGLIHAVANNQDKLGFEDGSVLK	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	*	3.41	*	*	*	1	2	LQM[147]QGEEAALAR	1
							2	SHTEEDC[339]TEELFDLHAR	2
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	37.36	1.13	0.06	11	3	2	SHTEEDC[330]TEELFDLHAR	1
							3	SHTEEDC[339]TEELFDLHAR	2
							1	DHC[339]VAHK	1
							2	ERLELC[330]DER	2
							2	ERLELC[339]DER	3
UHMK1_HUMAN (Q8TAS1) Serine/threonine-protein kinase Kist (EC 2.7.11.1) (Kinase interacting with stathmin) (U2AF homology motif kinase 1) [MASS=46546]	0.00	3.34	1.17	0.00	1	1	2	MAGSGC[339]AWGAEPPR	1
							2	NALVSHLDGTTTPVC[339]JEDIGR	3
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	7.71	1.29	0.05	6	3	2	LC[339]TSATESEVAR	1
							1	GKNILR	1
							2	NALVSHLDGTTTPVC[330]JEDIGR	1
							2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	1.28	0.07	4	2	2	ENM[147]AYTVEC[339]LR	1
							2	NALANPLYC[339]PDYR	3

VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.00	1.99	1.20	0.00	1	1	2	LFPHC[339]GR	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	*	6.32	*	*	*	2	3	LAEMPADSGYPAYLGAR	1
							3	FC[330]PFYKTVGM[147]LSNMIAFYDMAR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	11.31	1.35	0.00	2	5	3	IPIFSAAGLPHNEIAAQIC[339]R	1
							2	IPIFSAAGLPHNEIAAQIC[339]R	1
							1	LMKSAIGEGM[147]TRK	1
							1	QAGLVKK	1
							2	LM[147]KSAIGEGM[147]TR	1
							1	DVQAM[147]K	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	2.51	*	*	*	1	3	M[147]FLRGTIFYQGYMC[330]TKC[330]GVGAHK	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	2.16	0.11	3	1	2	YQIDPDAC[339]FSAK	1
							1	YQIDPDAC[339]FSAK	1
							1	YQIDPDAC[330]FSAK	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	8.65	1.19	0.06	2	2	2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[330]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	15.90	4.60	0.00	1	2	3	LSQNNFALGYKAADFQLHTHVNDGTEFGGSIYQK	1
							2	VC[330]NYGLTFTQK	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.69	10.00	1.11	0.00	1	2	2	GFLKDC[330]PSGR	1
							2	M[147]VGTVM[147]MK	1

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	*	3.82	*	*	*	2	1 3	VRKM[147]K MKMSVILGIIHMLFGVSLSLFNHIYFK	1 1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.93	7.14	0.89	0.00	1	1	2	IQHILC[339]TGNLC[339]TK	1
VPS4B_HUMAN (O75351) Vacuolar sorting protein 4b (SKD1 protein) [MASS=49302]	0.00	4.28	1.57	0.00	1	1	3	ENKPSIIFIDEIDSLC[339]GSR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.67	*	*	*	3	3 2 3	TC[330]QNYDLEC[339]M[147]SMGC[330]VSGC[330]LC[330]PPGM[147]VR C[330]LPSAC[330]EVVTGSPRGDSQSSWK M[147]IPARFAGVLLALALILPGTLC[339]AEGTR	1 1 1
WAPL_HUMAN (Q7Z5K2) Wings apart-like protein homolog (Friend of EBNA2 protein) [MASS=132945]	0.00	0.59	5.52	0.00	1	1	2	C[339]AMPSFR	1
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	*	2.31	*	*	*	2	2 3	VYTYVFHK IPSEMATNLMILHSYILVKIHVK	2 1
WFDC6_HUMAN (Q9BQY6) WAP four-disulfide core domain protein 6 precursor (Putative protease inhibitor WAP6) [MASS=14626]	0.00	33.59	*	*	*	2	3 2 3	IC[339]SEFIYGGSQGNNNNFQTEAIC[330]LVTC[330]K RLAPAWPPYHTGGTIK IC[339]SEFIYGGSQGNNNNFQTEAIC[330]LVTC[339]K	1 1 1
WISP3_HUMAN (O95389) WNT1-inducible signaling pathway protein 3 precursor (WISP-3) [MASS=39293]	0.00	7.63	0.33	0.00	1	2	3 2	QPGEIC[330]NEADLC[330]DPHK PRC[339]PPGVSLVR	1 1
WWP1_HUMAN (Q9H0M0) NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (WW domain-containing protein 1) (Atropin-1-interacting protein 5) (AIP5) [MASS=105201]	0.00	3.15	1.00	0.00	1	1	3	MRLQLFVTGTC[330]RLPLGGFAELMGSNPQK	1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	*	1.28	*	*	*	1	2	VVEKNADPETLLAYLR	1

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.00	6.82	0.22	0.00	1	3	2	EKLVTDITYSPVM[147]JMTK	1
							1	M[147]VEAFAR	1
							2	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	1.28	*	*	*	1	3	EQLQKM[147]KDFGSEPMADHLPQESR	1
ZBT17_HUMAN (Q13105) Zinc finger and BTB domain-containing protein 17 (Zinc finger protein 151) (Myc-interacting zinc finger protein) (Miz-1 protein) [MASS=87927]	0.00	1.49	1.05	0.00	1	1	2	QHTGEKPYVC[339]ER	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	0.00	3.95	1.02	0.00	1	3	3	QANGLSIHLHTFHNIEDPYDC[339]KK	1
							1	ILGKVR	1
							3	EYHPC[330]PTC[339]GKIFSAPMLER	1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.21	*	*	*	2	2	VYHPETGRKNEK	1
							2	EC[339]PQFKGSSGSLSSKYMTQGK	1
ZFP14_HUMAN (Q9HCL3) Zinc finger protein 14 homolog (Zfp-14) [MASS=63463]	0.00	3.94	1.79	0.00	1	1	3	LLSQLTQHQSHTGEKPYEC[339]K	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.17	1.81	4	1	3	SYAGQTDEC[330]NEFGKALLYLK	4
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	8.46	*	*	*	3	3	EEDLSNNNLEAEGTDGASLAGTSSC[339]SC[330]LDSR	1
							3	C[339]SPGGVIGASYAAGLAKASDR	1
							3	EKC[330]SPGGVIGASYAAGLAKASDR	3
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE-containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	0.00	2.70	0.89	0.00	1	1	3	DAARPAYWVPDHEILHC[330]HNC[330]R	1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	2.41	*	*	*	2	2	RLVLESEC[330]SR	1
							2	FFGLQTAEEHMQLSFTNVVRQSR	1
ZN197_HUMAN (O14709) Zinc finger protein 197 (ZnF20) [MASS=118847]	*	1.07	*	*	*	1	3	C[330]NDC[330]GKVFYSYR	1

ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	1.03	*	*	*	2	3	EFRKPSDLVR	1
							1	HM[147]ATHMSMK	1
ZN397_HUMAN (Q8NF99) Zinc finger protein 397 (Zinc finger and SCAN domain-containing protein 15) [MASS=61139]	0.23	1.69	1.05	0.00	1	1	2	IHTGEKAC[339]K	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	1.80	*	*	*	1	2	MVQGVLQFAVC[330]DTAAAGQLVK	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	3.40	*	*	*	3	2	C[330]PLC[339]LYHTK	1
							2	AADFAQDIDINPGAVYKC[339]R	1
							3	DGPPVENEM[147]FFC[339]QHC[339]DYGNR	1
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	*	4.22	*	*	*	1	3	PYEC[330]PEC[339]GKAFSWNSNFLEHR	1
							3	EPC[339]VWARDVTGR	6
ZN540_HUMAN (Q8NDQ6) Zinc finger protein 540 [MASS=77093]	*	1.82	*	*	*	1			
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	1.77	*	*	*	3	1	QKHLEAADK	1
							2	GYSVEEVYDLAKPFGGLK	1
							2	FSHADAQK	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	0.00	1.88	0.68	0.00	1	1	3	RIHTGERPHVC[330]PDC[330]GK	1
ZN759_HUMAN (Q8NAF0) Zinc finger protein 579 [MASS=60479]	0.23	8.01	1.62	0.00	1	3	2	PEGEQEEGEGPPPR	1
							2	GHGPQPPLRC[330]AAC[330]PR	2
							2	HAQVHAGGPAPHPC[339]PR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	0.77	0.11	2	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	2

Table 12. LAD Mitochondrial Study

Experiment 2

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	*	3.67	*	*	*	1	2	YDDM[147]ASAMK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.08	0.09	3	1	2	ELEAVC[339]QDVLSLLDNYLIK	2
							2	ELEAVC[330]QDVLSLLDNYLIK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.98	9.80	0.92	0.00	1	1	3	SIC[339]TTVLELLDKYLIANATNPESK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	0.71	4.90	1.18	0.00	1	1	2	DIC[339]NDVLSLLEK	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.99	4.93	1.00	0.00	1	2	1	LGEFAK	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
2ABA_HUMAN (P63151) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (PP2A, subunit B, B-alpha isoform) (PP2A, subunit B, B55-alpha isoform) (PP2A, subunit B, PR55-alpha isoform) (PP2A, subunit B, R2-alpha isoform) [MASS=51692]	*	2.68	*	*	*	1	2	LC[339]DMRASALC[330]DR	1
3BHS7_HUMAN (Q9H2F3) 3 beta-hydroxysteroid dehydrogenase type 7 (3 beta-hydroxysteroid dehydrogenase type VII) (3Beta-HSD VII) (3-beta-hydroxy-delta(5)-C27 steroid oxidoreductase) (EC 1.1.1.-) (C(27) 3beta-HSD) [MASS=41016]	0.00	3.25	2.68	0.00	1	1	2	NVIEAC[339]VQTGTR	1

5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase 1B) (cN1B) (cN-IB) (Autoimmune infertility-related protein) [MASS=68803]	0.00	3.44	0.20	0.00	1	2	1 3	GFLEDLGRLLQK DMAYC[330]DTQLR	1 3
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	3.92	*	*	*	1	3	KVTHDM[147]DMC[330]YGM[147]MGSLFRSGSR	1
AAAS_HUMAN (Q9NRG9) Aladin (Adracalin) [MASS=59574]	0.00	2.38	0.61	0.00	1	1	3	MC[330]SLGLFPPPPPR	1
							2	VGAFTMVC[339]K	1
							2	NLDKEYLPIGGLAEFC[339]K	2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.38	0.12	11	4	1 2 2 3 2	VGAFTMVC[330]K HFIEQGINVC[330]LC[330]QSYAK NLDKEYLPIGGLAEFC[330]K VGAFTM[147]VC[339]K NLDKEYLPIGGLAEFC[339]K TC[339]GDFDTGAVEDISK	1 1 1 1 1 3
ABCB6_HUMAN (Q9NP58) ATP-binding cassette sub-family B member 6, mitochondrial precursor (Mitochondrial ABC transporter 3) (Mt-ABC transporter 3) (ABC transporter umat) [MASS=93885]	0.00	3.21	1.50	0.00	1	1	3	VC[339]ANRTTIVVAHRLSTVVNADQILVIK	1
ABCBB_HUMAN (O95342) Bile salt export pump (ATP-binding cassette sub-family B member 11) [MASS=146392]	0.00	1.06	0.22	0.00	1	1	2	M[147]TSTIC[330]GFLLGFFR	1
ABL1_HUMAN (P00519) Proto-oncogene tyrosine-protein kinase ABL1 (EC 2.7.10.2) (p150) (c-ABL) (Abelson murine leukemia viral oncogene homolog 1) [MASS=122872]	0.00	1.77	1.05	0.00	1	2	3 1	HPNLVQLLGVC[339]TR TAPTPPK	1 1
ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	0.00	6.51	1.16	0.00	1	1	3	AVIFEDC[339]AVPVANRIGSEGQGFLIAVR	1

ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	0.00	9.71	1.09	0.00	1	2	3 IGIASQALGIAQTALDC[339]AVNYAENR 3 IPKDSILGEPGM[147]GFK	1 6
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	0.00	5.06	7.16	0.00	1	1	3 RDLMGNILLC[339]GGSTMLSGFPNR	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.67	1.28	0.06	3	3	2 VGLIGSC[339]TNSSYEDM[147]GR 2 C[339]TTDHISAAGPWLK 2 VAVPSTIHC[339]DHLIEAQVGGEK	1 1 1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.45	0.15	5	2	3 LMC[339]PQEIVDYIADKK 3 LM[147]C[330]PQEIVDYIADKK 3 LMC[330]PQEIVDYIADKKDVYE 3 LM[147]C[339]PQEIVDYIADKK 3 LM[147]C[339]PQEIVDYIADKKDVYE	1 1 1 1 1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	9.33	1.09	0.10	4	2	2 C[330]DVDIRK 2 C[339]DVDIRK 3 C[339]PEALFQPSFLGMESC[339]GIHETTFNSIMK 3 C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1 1 1 1
ACTN4_HUMAN (O43707) Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-actin cross linking protein) [MASS=104853]	0.00	7.57	3.72	0.00	1	3	3 IAESNHKLSGSNPYTTVTPQIINSK 3 AC[339]LISLGYDVENDR 3 M[147]APYQGPDAVPGALDYKSFSTALYGESDL	1 1 1
ADPPT_HUMAN (Q9NRN7) L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.-) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT) (LYS5 ortholog) [MASS=35776]	*	4.21	*	*	*	1	3 DAKAAMAGRLM[147]JIR	1

								1	VKLLQVQHASK	1
								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	3
								2	GAAQREFHGLGDC[339]IHK	1
								2	VKLLQVQHASK	1
								2	EFHGLGDC[339]IHK	1
								2	GADIM[147]YGTVDVC[339]WR	1
								2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	26.94	1.21	0.10	15	5				
								2	EFHGLGDC[330]IHK	1
								1	EFHGLGDC[330]IHK	1
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.00	9.09	*	*	*	2		1	GLGDC[330]LVK	2
								3	LLLQVQHASKQITADKQYK	1
ADT3_HUMAN (P12236) ADP/ATP translocase 3 (Adenine nucleotide translocator 2) (ANT 3) (ADP,ATP carrier protein 3) (Solute carrier family 25 member 6) (ADP,ATP carrier protein, isoform T2) [MASS=32735]	0.00	7.07	*	*	*	1		2	DFLAGGIAAAISKTAVAPIER	1
AFF2_HUMAN (P51816) AF4/FMR2 family member 2 (Fragile X mental retardation 2 protein) (Protein FMR-2) (FMR2P) (Protein Ox19) (Fragile X E mental retardation syndrome protein) [MASS=144739]	0.00	3.36	3.71	0.00	1	2		3	SFIC[339]GPNETPMETISLPPPIIQPM[147]EVQM[147]K	1
								2	DHAM[147]KYSRSLMEYFK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	1.88	*	*	*	1		3	IPKGAILTGPPGTGK	1
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	*	2.74	*	*	*	2		3	PVC[339]AQDGRTYDSDC[330]WRQQAEC[330]R	1
								3	VGDGPRVLGESPVPHTVLNLKEPLYVGGAPDFSK	1

AK1C1_HUMAN (Q04828) Aldo-keto reductase family 1 member C1 (EC 1.1.1.-) (20-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.149) (20-alpha-HSD) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) (High-affinity hepatic bile acid-binding protei [MASS=36788]	*	4.02	*	*	*	1	2	PGEEVIPKDENGK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia [MASS=453664]	0.23	2.10	1.37	0.00	1	4	2 3 2 3	EYM[147]ENEKDKALC[330]SLK QSQM[147]LEM[147]QVELSSM[147]KDRATELQEQLSSEK IQEQGVEYQAAM[147]EC[339]LQK GEM[147]ENALRSYSNITVNEDQIK	1 1 1 1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.00	4.71	1.44	0.00	1	2	3 2	KEGGTVVYGGKVM[147]DR STC[330]TINYSK	1 1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	*	1.64	*	*	*	1	2	C[330]C[339]TESLVNRR	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDHI) (ALDH-E2) [MASS=56381]	0.98	2.13	1.26	0.00	1	1	2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.95	12.67	1.11	0.00	1	2	3 3	VNPC[330]IGGVILFHETLYQK YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1 1
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	0.00	2.24	0.03	0.00	1	3	1 1 2	EIM[147]SPAK DVC[330]LPKATHQK KTINLNIQDAQK	1 1 1
ANGL1_HUMAN (O95841) Angiotensin-converting enzyme-related protein 1 precursor (Angiotensin-converting enzyme-like 1) (Angiotensin-converting enzyme-3) (ANG-3) [MASS=56719]	*	5.09	*	*	*	1	3	HQDGIFWAEYRGGSYSLRAVQMM[147]IK	1
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	*	0.69	*	*	*	1	1	RGNVIMVRLLLDR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.61	1.76	1.17	0.00	1	4	3 3 2 3	ESEVPKEKM[147]ADEQGDM[147]DLQISPDR STRGLVHQAIC[339]NLNITLPIYTK VRDTTQEPC[339]GR HPPVSPSSKTEK	1 1 1 1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	0.43	*	*	*	2	3 2	PC[339]VPVSMKKM[147]SR EMYVYQK	1 1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1	3	SEHQFNIDSM[147]VHK	3
ANR47_HUMAN (Q6NY19) Ankyrin repeat domain-containing protein 47 [MASS=88425]	0.00	4.17	2.02	0.00	1	2	3 2	LFC[339]M[147]GDVNAKASQTGQTALM[147]LAISHGR PDKLAQLR	1 1
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	*	0.87	*	*	*	1	2	NALRVAALEGHR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.99	7.99	1.01	0.00	1	1	3	EVKGDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.87	3.87	0.57	0.00	1	2	1 2	M[147]TNYDVEHTIK LIVGLM[147]RPPAYC[339]DAK	1 1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	2.85	1.07	0.02	2	2	2 2	KIC[339]ELYAK IC[339]ELYAK	1 1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.90	1.16	1.17	0.00	1	1	1	C[339]JVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.81	3.16	1.31	0.00	1	2	2 2	C[339]RAPEVSKHVYQAYETILK C[339]AIKVEQSAER	1 1

APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	0.00	1.16	0.61	0.00	1	2	3	NM[147]GGILGEDLTLDLKDQIR SGEC[330]SPVPM[147]GSFPR	1 1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	*	11.64	*	*	*	1	2	C[339]IQANYSLMENGKIKVLNQELR	1
AQP11_HUMAN (Q8NBQ7) Aquaporin-11 (AQP-11) [MASS=30203]	*	8.86	*	*	*	1	2	YC[330]TSALWSLGLTQYHVSERSFAC[330]K	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	0.00	12.20	5.71	0.00	1	1	3	NLGAPRGGLEPIAIGLLIIVASSLGLNSGC[339]AM[147]NPAR	1
ARBK1_HUMAN (P25098) Beta-adrenergic receptor kinase 1 (EC 2.7.11.15) (Beta-ARK-1) (G-protein coupled receptor kinase 2) [MASS=79667]	0.00	5.22	2.55	0.00	1	3	1	VPKMK 2 SREIFDSYIM[147]K 3 KQVPPDLFQPYIEEIC[339]QNLR	1 1 1
ARBK2_HUMAN (P35626) Beta-adrenergic receptor kinase 2 (EC 2.7.11.15) (Beta-ARK-2) (G-protein-coupled receptor kinase 3) [MASS=79677]	*	2.62	*	*	*	1	3	YFYLFPNRLEWRGEGESR	1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	0.00	1.46	1.58	0.00	1	1	2	HGVQEC[339]ILLVTQR	1
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	*	2.66	*	*	*	1	2	AVTHNEQLC[330]YQLYR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	0.88	*	*	*	1	3	TSDC[339]IGSEGM[147]K	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	1.69	*	*	*	2	2	SSTKQPTVGGTSSTPRAQK 3 DFTDEKEGPITK	1 1
ARSE_HUMAN (P51690) Arylsulfatase E precursor (EC 3.1.6.-) (ASE) [MASS=65668]	*	1.02	*	*	*	1	1	VPGIFR	1

ASPG_HUMAN (P20933) N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor (EC 3.5.1.26) (Glycosylasparaginase) (Aspartylglucosaminidase) (N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase) (AGA) [Contains: Glycosylasparaginase alpha chain; Glycosy [MASS=37194]	0.00	4.05	*	*	*	1	3	TGHIAAGTSTNGIK	1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	*	1.82	*	*	*	1	3	EELLESAMRLENKLTLLGATGIEDR	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	LIIVEGC[339]QR	1
							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	2
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.28	0.95	0.08	6	4	2	AC[330]VVHGSDLK	1
							2	AC[339]VVHGSDLK	1
							1	C[339]SSILLHGK	1
							3	YGTDLRGLTSARAAEILAR	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.98	1.27	0.85	0.00	1	1	2	VLGFC[330]QLNLPSGK	1
							2	VLGFC[339]HYLPEEQFPK	1
							2	NITFFSTNC[339]VEGTAR	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	10.17	0.97	0.15	6	6	3	SPDC[330]THDNPLETR	1
							3	C[339]STILLQGKEQPLDEEM[147]K	1
							2	C[339]IELSSGSVK	1
							1	C[330]IELSSGSVK	1
							2	SPDC[330]THDNPLETR	1
							3	AC[330]VIHGTDLKDFITSEQIDEILQNHTEIVFAR	1
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	2.62	*	*	*	1	3	M[147]QINVQEVVLGDLVEIKGGDRVPADLR	1

AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	4.29	0.89	0.00	2	1	2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	2.69	0.97	0.02	2	2	2	NYLEPGKEC[330]VQPATK	2
							2	SM[147]SVYC[339]TPNKPSR	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	2.88	*	*	*	1	3	SAAEMVLSDDNFASIVAAVEEGRAIYSNMK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.00	5.24	1.29	0.00	1	3	2	DALTQINVHYGGVQNLNLC[339]SR	1
							3	AGLLM[147]SALTVFILILYFVIDNFVINR	1
							3	TEC[339]ALLGFVTDLQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1	C[339]IADLK	2
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	2.98	*	*	*	5	3	SHFDEVKSIANQIQEDWK	1
							2	MMGGLGFHEVLNLLISR	1
							3	KLDASC[330]AANNPSLKLTYTEC[339]LR	1
							2	QEKSSSGLNHILAALTIFLK	1
							3	KSQRTMLAVVDYMR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.96	16.18	1.31	0.00	1	1	2	IC[339]SLHSLPPQS	1
							2	LYC[339]IYVAIGQK	1
							1	LYC[339]IYVAIGQK	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	11.03	0.88	0.14	5	4	2	KLYC[330]IYVAIGQK	1
							1	LYC[330]IYVAIGQK	1
							2	KKLYC[330]IYVAIGQK	1
							3	FENAFLSHVVSQHQALLGTIRADGK	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	7.72	1.06	0.08	6	2	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							1	KHLLIGVSSDR	1
							2	GLC[339]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	1.00	10.33	1.12	0.02	2	1	2	GEVPC[339]TVTSASPLEEATLSELK	1
							2	GEVPC[330]TVTSASPLEEATLSELK	1
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	*	4.19	*	*	*	2	2	YTLKPLLRGPWAEEEK	1
							3	TFVEWVPKYAGVLPADV[C330]KLTC[339]R	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	2.48	*	*	*	3	3	KLVC[330]TRESQQLTVSDQR	1
							2	EKRTHR	1
							3	SHDGDYFIEPLQSMDEQEDEEEQNK	1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.00	10.32	1.05	0.00	1	1	3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[339]DIR	1
AVR2A_HUMAN (P27037) Activin receptor type 2A precursor (EC 2.7.11.30) (Activin receptor type IIA) (ACTR-IIA) (ACTRIIA) [MASS=57847]	0.00	3.51	0.22	0.00	1	1	2	LFAVFLISC[330]SSGAILGR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	0.00	3.23	0.25	0.00	1	1	2	C[330]AQPVFLLLVIK	1

BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	0.00	3.47	0.35	0.00	1	4	3 3 2 1	RQQPPQHDGLRPR GDVC[339]LRDAVAGGPENC[339]LTSLTQDR GC[330]RTVPLDALRTR MKDLR	1 1 1 1
BARX2_HUMAN (Q9UMQ3) Homeobox protein BarH-like 2 [MASS=28248]	0.00	10.63	1.26	0.00	1	1	3	MNSQAQGQEQLEPSQGEELC[339]EAAQEPK	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	0.85	*	*	*	1	2	QAQPSC[330]APASRPPAK	1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	*	1.23	*	*	*	1	3	YMSSQHFLFKLLDC[339]LQESHFSFK	1
BIRC2_HUMAN (Q13490) Baculoviral IAP repeat-containing protein 2 (Inhibitor of apoptosis protein 2) (HIAP2) (HIAP-2) (C-IAP1) (TNFR2-TRAF signaling complex protein 2) (IAP homolog B) [MASS=69899]	0.00	3.88	0.16	0.00	1	1	3	HKQLYPSC[330]SFIQNLVSASLGSTSK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	0.31	*	*	*	1	3	WAMLEQIRNPSPC[330]FK	2
BKRB2_HUMAN (P30411) B2 bradykinin receptor (BK-2 receptor) (B2R) [MASS=44460]	*	6.14	*	*	*	1	3	VVNAIISM[147]NLYSSIC[339]FLM[147]LVSIDR	1
BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	0.00	3.85	1.24	0.00	1	3	2 2 2	YC[330]GSGPPEEVYSAGDSVLVK YC[330]GYEK RGGGPQAISIGK	1 1 1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	0.52	*	*	*	1	2	ESFTASLKFDDSGSWR	1
BR44_HUMAN (O95563) Brain protein 44 [MASS=14279]	*	37.80	*	*	*	3	3 1 2	PLYNHPAGPRTVFFWAPIMKWGLVC[330]AGLADMAR M[147]SAAGAR VELM[147]LPEK	1 1 1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	0.50	*	*	*	1	3	TSGNSFKVNSC[330]KDHIGK	1

BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	3.12	3.84	0.00	1	2	1	GGAFKK	1
							3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
							3	VC[330]NQC[339]GFNPNPHLTQVK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	0.00	1.94	8.57	0.00	1	4	2	GGHLRSM[147]ESNGRPASTHYYGDSYR	1
							3	DAC[330]ELESgtePC[339]VVR	1
							2	EPGEPGVLDPGPTLPC[339]C[339]YAR	1
							3	FNYC[330]ILDEGHVIKNGKTK	1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	0.00	3.73	0.35	0.70	2	4	2	LDGSIPPGQR	1
							1	HGAGTGLR	6
							3	QEGAIEALAC[330]VMEQLDVGIVPYIVLLVVPVLR	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.68	0.00	1	1	3	ALVLDLC[339]HYPEDEVGQEDEAESDIFSIR	1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	*	13.47	*	*	*	1	3	LLLLLLLLPLRGQANTGC[330]YGIPGMPGLPGAPGK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	0.99	7.69	1.59	0.03	2	1	2	SLC[339]LGPALIHAK	2
C5ARL_HUMAN (Q9P296) C5a anaphylatoxin chemotactic receptor C5L2 (G-protein coupled receptor 77) [MASS=36080]	0.00	8.61	0.52	0.00	1	1	3	VGATWLLHLAVADLLC[330]C[330]LSLPILAVPIAR	1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	1.67	*	*	*	1	1	QYDTRNSR	1

CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	0.00	1.28	1.46	0.00	1	1	3	KPVPEILPSPRALFC[339]LTLENPLR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	0.00	0.96	*	*	*	1	1	YNASSFAK	1
CADH5_HUMAN (P33151) Vascular endothelial-cadherin precursor (VE-cadherin) (Cadherin-5) (7B4 antigen) (CD144 antigen) [MASS=87516]	*	2.68	*	*	*	1	3	GDYQDAFTIETNPAHNEGIK	1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	*	4.08	*	*	*	1	3	EVWC[339]LAGKMSIPMDGTAVITKGDR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.57	5.41	3.23	0.00	1	1	3	LNKPFLFDTKPLIVQYEVNFQNGIEC[339]GGAYVK	1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	*	4.75	*	*	*	1	3	IPERVVHAKGAGAFGYFEVTHDITK	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.73	2.67	0.88	0.00	1	1	2	LLDIAC[330]WIHHK	1
CBLN2_HUMAN (Q8IUK8) Cerebellin-2 precursor [MASS=24084]	*	5.36	*	*	*	1	3	MQAPGRGPLGLR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	0.00	3.76	0.35	0.00	1	2	3	GSPC[330]IQC[330]RYDSYR	1
CC023_HUMAN (Q8N3R3) Protein C3orf23 [MASS=57894]	0.00	2.82	3.18	0.00	1	1	3	C[339]LVKAPLVSDVELERFLLAPR	1
CC14B_HUMAN (O60729) Dual specificity protein phosphatase CDC14B (EC 3.1.3.48) (EC 3.1.3.16) (CDC14 cell division cycle 14 homolog B) [MASS=56801]	0.00	3.61	0.94	0.00	1	1	2	EPSISSIQM[147]VDC[339]C[339]K	1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	0.00	6.64	0.63	0.00	1	1	2	QANAFLVGC[339]YMVIYLGR	1
								EC[339]SFEQLEHVREMQEK	1

CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	*	2.07	*	*	*	1	2	M[147]EEADRILIHSLR	1
CD19_HUMAN (P15391) B-lymphocyte antigen CD19 precursor (Differentiation antigen CD19) (B-lymphocyte surface antigen B4) (Leu-12) [MASS=61088]	0.00	6.29	0.14	0.00	1	3	3	GNLTM[147]SFHLEITAR	1
							2	PEEPLVVK	1
							3	VEEGDNAVLQC[330]LK	1
CD1D_HUMAN (P15813) T-cell surface glycoprotein CD1d precursor (CD1d antigen) (R3G1) [MASS=37717]	0.00	7.16	999.00	0.00	1	1	3	M[147]GC[339]LLFLLLWALLQAWGSAEVPQR	1
CD20_HUMAN (P11836) B-lymphocyte antigen CD20 (B-lymphocyte surface antigen B1) (Leu-16) (Bp35) [MASS=33077]	0.00	2.36	1.31	0.00	1	1	1	KC[339]LVK GK	1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	*	1.56	*	*	*	1	1	GEGLAR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.80	0.03	3	2	2	FEHC[339]NFNDVTTR	1
							2	LRENELTYYC[330]C[330]K	1
							2	LRENELTYYC[339]C[339]K	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	0.00	13.22	0.17	0.00	1	2	3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	1
							1	NREM[147]V	2
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.77	5.76	0.84	0.00	1	1	2	WVPEITHHC[339]PK	1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	*	0.92	*	*	*	1	2	RSGNSLNKEWK	1

CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	2.43	*	*	*	6	2	RLSSGQNK	1
							1	TNQEHAALAEENSK	1
							3	SELERSQAAQSAADVSLNPC[330]NTPQK	1
							1	KETPSAPAK	1
							2	LQLLSNEIM[147]DKDR	1
1	FLSLQSEHK	1							
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	9.21	*	*	*	3	3	LM[147]TEKQQEEAEWESINVLLMMHGLKPLSLVK	1
							3	QYKEDESQSEEEENDYR	1
							1	EQKTLQVK	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-) (Zinc finger protein Cezanne 2) (OTU domain- containing protein 7) [MASS=100676]	*	1.51	*	*	*	1	3	EESGASASTSPSEK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	11.34	1.20	0.07	5	4	2	C[339]EFQDAYVLLSEK	3
							2	C[339]IPALDSLTPANEDQK	1
							3	C[330]EFQDAYVLLSEKK	1
							3	EEKDPGM[147]GAMGGMGGGMGGGM[147]F	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix- coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	11.89	1.09	0.10	2	2	3	RYESH PVC[339]ADLQAK	1
							2	YESHPVC[330]ADLQAK	1
CHD6_HUMAN (Q8TD26) Chromodomain- helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	*	0.29	*	*	*	1	2	TFDWTQFR	1
CHD9_HUMAN (Q3L8U1) Chromodomain- helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	0.00	2.38	*	*	*	5	3	SDGSGTYTKLQNTQVR	1
							2	DTGEPVIYYLVK	1
							2	ALLAYC[339]LVHYR	1
							3	KNVEGVDIFFFNR	1
							2	TWTDINVVVYHGSLISR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.94	3.43	1.29	0.04	2	2	1	LPC[339]VAAK	2
							1	GFSIPEC[339]QK	1
							1	LPC[330]VAAK	1

								2	FPFC[339]DGAHTK	1
								1	KFPFC[330]DGAHTK	2
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.30	0.08	10	3		1	KFPFC[339]DGAHTK	1
								2	KFPFC[339]DGAHTK	2
								1	FPFC[339]DGAHTK	1
								3	IVHAFDM[147]EDLGDKAVYC[339]R	1
								3	IVHAFDM[147]EDLGDKAVYC[330]R	1
								2	FPFC[330]DGAHTK	1
CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	*	2.43	*	*	*	1		3	EC[330]PLAQLMSEETDMVRQIR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	*	2.12	*	*	*	1		3	TLLMENAERVGNRGR	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	*	1.08	*	*	*	2		2	TGQIKEVERIC[339]R	1
								1	MYDAAK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.77	*	*	*	2		1	HLIMAVR	1
								3	HLIM[147]AVRGQFSTDELVAEVEKR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	1.00	0.11	3	2		2	DIPFSAIYFPVYAHC[339]K	1
								2	AGQTTYSGVIDC[339]FRK	1
								2	DIPFSAIYFPVYAHC[330]K	1
CMGA_HUMAN (P10645) Chromogranin A precursor (CgA) (Pituitary secretory protein I) (SP-I) [Contains: Vasostatin-1 (Vasostatin I); Vasostatin-2 (Vasostatin II); EA-92; ES-43; Pancreastatin; SS-18; WA-8; WE-14; LF-19; AL- 11; GV-19; GR-44; ER-37] [MASS=50730]	*	3.72	*	*	*	1		2	HQNLKELQDLALQGAK	1
CN104_HUMAN (Q9NVR5) Protein C14orf104 [MASS=36943]	0.00	3.96	0.98	0.00	1	1		3	LQEC[330]SNSDQLQGK	1
CN152_HUMAN (Q8N9Y4) Protein C14orf152 [MASS=38753]	0.00	14.69	2.61	0.00	1	3		2	PVVLKPIPTK	1
								2	SPAFPGELAHLIC[339]KDVDGLGQK	1
								3	KNC[330]KGLEPLGPETTLVSM[147]SPR	1

							2	RPPGVLHC[339]TTK	2
							3	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							3	DKPELQFPFLQDEDTVATLLEC[330]K	1
							2	RLDEDLAAYC[330]R	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1
							1	FC[330]DYGK	1
							2	RLDEDLAAYC[339]R	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	3
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.94	0.89	0.11	17	7			
							2	RPPGVLHC[330]TTK	2
							2	LDEDLAAYC[330]R	1
							3	PGLEKDFLPLYFGWFLTKK	1
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							1	FC[339]DYGK	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							1	LDEDLAAYC[330]R	1
CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome-associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	1.71	3.95	0.00	1	1	3	VPAILMSSM[147]C[339]ILLDHLGGENYMM[147]R	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	0.00	2.66	0.60	0.00	1	1	3	LTDTIC[330]GVGNMSANASDQER	1
CO3A1_HUMAN (P02461) Collagen alpha-1(III) chain precursor [MASS=138554]	*	2.11	*	*	*	2	2	GSPGPQGVK	1
							3	DGTSGHPGPIGPPGPRGNRGER	1
CO6A2_HUMAN (P12110) Collagen alpha-2(VI) chain precursor [MASS=108573]	0.00	4.22	0.91	0.00	1	2	3	IGPPGC[339]KGDGPNRGPDPGYPEAGSPGER	1
							3	IIVMKHEAYGEC[339]YK	1
							2	VC[339]APVLAKPGVISVMGT	1
							2	GPIGSIQPK	1
							3	VIGLLAGQTYHVAVVC[330]YLRSQVR	1
CO6A3_HUMAN (P12111) Collagen alpha-3(VI) chain precursor [MASS=343550]	0.00	3.78	1.47	0.00	1	7	2	VEFSLTDYGSKEKLVDFLSR	1
							2	LLPYIVGVAQRHIVLK	1
							3	QLINALQINNTAVGHVLPAGR	1
							2	PEFYLNYSYMNK	1

CO9_HUMAN (P02748) Complement component C9 precursor [Contains: Complement component C9a; Complement component C9b] [MASS=63173]	*	1.97	*	*	*	1	3	GEIHLGRFVMR	1
COEA1_HUMAN (Q05707) Collagen alpha-1(XIV) chain precursor (Undulin) [MASS=193484]	0.00	1.78	1.55	0.00	1	1	3	GPPGHLGVPGPQGPGSQPGYC[339]DPSSC[339]SAYGVR	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	*	4.85	*	*	*	1	2	MLPDKDC[330]JR	1
							1	TLNKVAM[147]K	5
COPG2_HUMAN (Q9UBF2) Coatmer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	*	0.92	*	*	*	1			
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.29	0.00	2	1	1	C[330]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.07	0.04	2	1	2	M[147]C[330]LYFGSAFATPFLVVR	1
							2	MC[330]LYFGSAFATPFLVVR	1
CP27A_HUMAN (Q02318) Cytochrome P450 27, mitochondrial precursor (EC 1.14.13.15) (Cytochrome P-450C27/25) (Sterol 26-hydroxylase) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) [MASS=60234]	*	2.45	*	*	*	1	2	RIAELEMQLLLAR	1
CP4X1_HUMAN (Q8N118) Cytochrome P450 4X1 (EC 1.14.14.1) (CYPIVX1) [MASS=58875]	0.00	4.91	2.03	0.00	1	1	3	IC[330]STQDTSVEVYEHINSM[147]SLDIIMK	1
CP7A1_HUMAN (P22680) Cytochrome P450 7A1 (Cholesterol 7-alpha-monooxygenase) (CYPVII) (EC 1.14.13.17) (Cholesterol 7-alpha-hydroxylase) [MASS=57660]	*	2.58	*	*	*	1	2	YVHFITNPLSYHK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	11.27	1.06	0.03	2	3	2	KVHVIFNYK GK	1
							3	C[339]KDDEFTHLYTLIVRPDNTYEVK	1
							2	HEQNIDC[330]GGGYVK	1
CSKI2_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	*	0.67	*	*	*	1	2	RRSHLSR	1

CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.56	*	*	*	1	3	YMVNDVLSFQC[339]EPGYTLQGR	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.74	0.84	0.02	2	6	2	VGKSPVVRGSLSGK	1
							2	AQC[339]GGGLLGVR	1
							2	FDAYC[330]FKPK	1
							3	TDEVVTLTPRIGPKVSLSPGPEQK	1
							2	SFM[147]SLTTPTQSER	1
2	AVTADGFPTVSVM[147]LPLHSEQNK	1							
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	*	3.97	*	*	*	1	2	HHEAIPVLVQRGADIDQQWGPLR	1
CT152_HUMAN (Q96M20) Uncharacterized protein C20orf152 [MASS=67512]	0.00	5.03	1.95	0.00	1	2	3	STIVC[339]M[147]EETEFLVVDR	1
							2	THLSEYSPM[147]ERFK	1
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	0.00	3.00	0.49	0.00	1	1	3	TPPC[330]PVAHGDQIVSQINHPVHLRR	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	0.00	3.07	0.19	0.00	1	2	3	LHENYYAM[147]YLKYLRSVR	1
							2	NQC[330]ELLPVTYHFK	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.83	12.94	0.96	0.00	1	1	2	NC[330]WQNYLDFHR	1
CXB4_HUMAN (Q9NTQ9) Gap junction beta-4 protein (Connexin-30.3) (Cx30.3) [MASS=30419]	0.00	3.01	0.83	0.00	1	1	2	C[330]MEIFGPR	1
							3	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	18.46	1.22	0.01	6	4	1	DVC[330]TFLR	1
							1	DVC[339]TFLR	1
							2	M[147]LMM[147]M[147]ALLVPLVYTIK	1
							2	HLVGVC[330]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							2	HLVGVC[339]YTEDEAK	1
							2	DVC[330]TFLR	1
DB136_HUMAN (Q30KP8) Beta-defensin 136 precursor (Defensin, beta 136) [MASS=8755]	0.00	37.18	3.18	0.00	1	1	3	M[147]NLC[339]LSALLFFLVILLPSGKGMFGNDGVK	1
DCBD1_HUMAN (Q8N8Z6) Discoidin, CUB and LCCL domain-containing protein 1 precursor [MASS=77920]	*	2.66	*	*	*	1	2	HQSAEFTISYDNEKEMTQK	1

DCC_HUMAN (P43146) Netrin receptor DCC precursor (Tumor suppressor protein DCC) (Colorectal cancer suppressor) [MASS=158455]	0.00	1.04	1.75	0.00	1	1	2	C[339]EVIGPEPM[147]PTIHWQK	1
DCMC_HUMAN (O95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	0.00	5.07	1.89	0.00	1	1	3	TPAPAEGQC[339]ADFVSFYGGLAETAQR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.64	4.92	0.82	0.00	1	1	2	AVTNHSVYC[330]STK	1
DDB1_HUMAN (Q16531) DNA damage-binding protein 1 (Damage-specific DNA-binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV-damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E-complementing protein) (XPCE) [MASS=126967]	*	1.05	*	*	*	1	3	M[147]IGLRLYDGLFK	1
DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	*	5.17	*	*	*	3	3	SLHLGHVAKSFGLRDAPR	1
							2	SHDQLNPK	1
							2	REGLPPGGGTRGSLVPTR	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	0.00	4.31	0.66	0.00	1	2	3	EM[147]SPALVYPFM[147]RSVMEAPFPAPGRTITVK	1
							2	NESESNWVC[330]SR	1
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	*	0.95	*	*	*	2	1	VTLKDK	2
							2	M[147]PMKLTSNR	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	*	4.66	*	*	*	2	3	RNHGM[147]GDTSIK	1
							3	METDESPSPLPC[330]GPAGEAVMESRAR	1
DGKG_HUMAN (P49619) Diacylglycerol kinase gamma (EC 2.7.1.107) (Diglyceride kinase gamma) (DGK-gamma) (DAG kinase gamma) [MASS=88996]	*	2.91	*	*	*	1	3	LLPM[147]QVDGEPWM[147]QPC[339]C[330]TIKITHK	1

DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	11.47	1.21	0.05	11	4	3	AKPYEGSILEADC[339]DILIPAASEK	1
							2	AKPYEGSILEADC[339]DILIPAASEK	1
							3	IIKPC[339]NHVLSLSFPIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	1
							2	IIKPC[330]NHVLSLSFPIR	1
							2	PC[339]NHVLSLSFPIR	1
							2	C[339]AVVDVPPFVGAK	2
							2	C[330]AVVDVPPFVGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.91	5.33	0.80	0.00	1	1	2	GAVHQLC[330]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	15.06	1.13	0.06	7	5	3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
							3	HVNGQDQIVPLYAC[339]GEAAC[339]ASVHGANR	1
							3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	1
							2	AAFGLSEAGFNTAC[339]VTK	3
							2	VGSVLQEGC[339]GK	1
3	VGSVLQEGC[330]GKISK	1							
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	7.14	1.09	0.10	4	2	2	C[330]HTIM[147]NC[330]TR	1
							2	C[339]HTIMNC[339]TR	1
							2	C[339]GPM[147]VLDALIK	1
							2	C[339]HTIM[147]NC[339]TR	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	0.00	4.18	1.34	0.00	1	3	2	EAEM[147]DSIPMGLNKHVWDPLPDAEGR	1
							2	FSNPWC[339]YENFIQARSLRR	1
							1	LDVVSC[339]GK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	2.55	0.88	0.01	2	1	2	VC[330]HAHPTLSEAFR	1
							2	VC[339]HAHPTLSEAFR	1
DMPK_HUMAN (Q09013) Myotonin-protein kinase (EC 2.7.11.1) (Myotonic dystrophy protein kinase) (MDPK) (DM-kinase) (DMK) (DMPK) (MT-PK) [MASS=70357]	*	3.29	*	*	*	1	2	GRQTEGGAFPLVSSALS GDPR	1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	1.09	*	*	*	2	3	HLSRTISVSGSTAK C[330]IAGEVAIVRDPDAGEGTK	1 1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsal) (DNA MTase Hsal) (MCMT) (M.Hsal) [MASS=183164]	0.00	1.79	0.69	0.00	1	1	3	VC[330]IDAETLEVGDGC[330]VSVIPDDSSKPLYLAR	1
DOPD_HUMAN (P30046) D-dopachrome decarboxylase (EC 4.1.1.84) (D-dopachrome tautomerase) (Phenylpyruvate tautomerase II) [MASS=12580]	0.00	27.35	0.48	0.00	1	1	3	PGLAM[147]ALSGSTEPC[330]AQLSISSIGVVGTAEEDNR	1
DPOLA_HUMAN (P09884) DNA polymerase alpha catalytic subunit (EC 2.7.7.7) [MASS=165912]	*	2.19	*	*	*	3	3	EM[147]KIDLNTGKETGTPISMK 1 AVDLISK 1 QEADSGK	1 1 1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	*	5.67	*	*	*	3	2	AAIAQC[330]HQTGC[330]VVSIMGRR 1 VSLSAGR 2 QMALEEDTDDAEGYLNNGNSGALKK	1 1 1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	11.54	0.85	0.08	4	4	2	AITIANQTNC[339]PLYITK 2 FQLTDC[330]QIYEVLVSVIR 2 FQLTDC[339]QIYEVLVSVIR 2 TTQRIVAPPGGRANITSLG 2 GLYDGPVC[330]EVSVTPK	1 1 1 1 1
DUOX1_HUMAN (Q9NRD9) Dual oxidase 1 precursor (EC 1.6.3.1) (EC 1.11.1.-) (NADPH thyroid oxidase 1) (Thyroid oxidase 1) (Large NOX 1) (Long NOX 1) [MASS=177234]	0.22	2.19	*	*	*	2	2	IGVFSC[330]GPPGMTK 2 NASC[339]HFQGVINRNSSVSRALR	2 1
DUOX2_HUMAN	0.22	1.29	0.46	0.09	2	1	3	DMGLPSYSQALLAFGLDIPR 3 AWM[147]VVIGRHC[330]JNK 2 QKYDPPLAR	1 1 1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	0.00	1.88	0.83	0.00	1	6	3	DLLLNDWRKEMK 2 EVVQC[330]MGSFQDGVAEK 2 IKM[147]LPTPAK 3 QAELDVVQAEYEQAM[147]TEKQTLLLEDAERC[330]R	1 1 1 1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	0.80	12.36	0.72	0.00	1	1	2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.38	3.94	1.26	0.00	1	2	2	FPFELVKM[147]EFDEK 3 RPLVLQLVNATTEYAEFLHC[339]K	1 1

E2AK4_HUMAN (Q9P2K8) Eukaryotic translation initiation factor 2-alpha kinase 4 (EC 2.7.11.1) (GCN2-like protein) [MASS=186837]	*	2.00	*	*	*	2	3	3	QERLEIASLSNQDHTSK PAGPGTTPPDSGLAK	1 1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	*	4.81	*	*	*	1	2	2	RLDLETDHQYLAESSGPARGR	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	8.54	0.91	0.02	3	4	2	2	NLFPENLVQAC[330]FQQIQTGTK KQLGPGKK	1 1
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	0.00	3.37	*	*	*	2	2	1	M[147]VIKKGLEFK NLFPENLVQAC[339]FQQIQTGTK C[339]LEENLGIDKR	1 1 1
ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	1.00	3.35	0.96	0.00	1	1	2	2	YC[330]AQDAFFQVK	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	9.70	1.18	0.04	3	4	1	2	2	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	0.98	11.37	2.45	0.00	1	2	3	2	ALM[147]GLYHGQVLC[339]K C[339]LAPM[147]M[147]SEVIR TVLGTPEVLLGALPGAGGTQR EVEAVIPDHC[339]IFASNTSALPISEIAAVSK	1 1 1 1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	6.21	1.08	0.00	2	1	2	2	AYLRDFM[147]YVSQDPKQQLLGPYATPK EGGQYGLVAAC[339]AAGGQGHAM[147]IVEAYPK	1 1
									ALNALC[330]DGLIDELNQALK ALNALC[339]DGLIDELNQALK	1 1

EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	9.09	1.18	0.00	1	2	3	RYEIIVKEVSTYIK	1
							3	DGNASGTTLLEALDC[330]ILPPTRPTDKPLR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	2.92	*	*	*	1	2	TGTITTFEHAHNMRVMKFSVSPVVR	1
EFG2_HUMAN (Q969S9) Elongation factor G2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	0.00	1.93	0.33	0.00	1	1	2	QADKHNIPRIC[330]FLNK	1
							2	KGDEC[339]ELLGHSK	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	5.97	1.13	0.05	7	2	1	KGDEC[339]ELLGHSK	1
							3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[339]PGHADYVK	2
							2	HYAHTDC[330]PGHADYVK	2
EGLN2_HUMAN (Q96KS0) Egl nine homolog 2 (EC 1.14.11.-) (Hypoxia-inducible factor prolyl hydroxylase 1) (HIF-prolyl hydroxylase 1) (HIF-PH1) (HPH-3) (Prolyl hydroxylase domain-containing protein 1) (PHD1) (Estrogen-induced tag 6) [MASS=43650]	*	3.19	*	*	*	1	1	VLA EVEALKRGGGR	1
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	0.00	2.07	0.30	1.28	2	2	1	KREPPR	1
							3	C[330]DLHAVNYHGDTPHIAAR	2
EMAL4_HUMAN (Q9HC35) Echinoderm microtubule-associated protein-like 4 (EMAP-4) (Restrictedly overexpressed proliferation-associated protein) (Ropp 120) [MASS=108902]	0.00	2.75	0.90	0.00	1	1	3	FVQC[330]LAFLNGDVLGTGDSGGVMLIWSK	1
EMIL1_HUMAN (Q9Y6C2) EMILIN-1 precursor (Elastin microfibril interface-located protein 1) (Elastin microfibril interfacier 1) [MASS=106694]	0.00	3.44	28.18	0.00	1	2	3	LGRLEGVC[339]ER	1
							2	LQDRVDAQDETAEEFTLRLNLTAAR	1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.97	5.08	1.35	0.00	1	1	2	SGETEDTFIADLVVGLC[339]TGQIK	1
ENOB_HUMAN (P13929) Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) (Enolase 3) [MASS=46855]	0.97	8.31	*	*	*	2	3 2	GRFRAAVPSGASTGIYEALELR LAQSNWGWVMVSHR	1 1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	0.97	3.23	*	*	*	1	3	IVIGM[147]DVAASEFYR	1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	*	0.73	*	*	*	2	3 1	RQQAM[147]PSTGM[147]AEQSKR VPAVRLK	1 1
EPC1_HUMAN (Q9H2F5) Enhancer of polycomb homolog 1 [MASS=93463]	*	1.79	*	*	*	1	3	NC[339]RGPSLIPSVKQEK	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	*	2.03	*	*	*	1	3	PNGVILEYEVKYYEKDQNER	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.20	*	*	*	1	3	VLRVLLGAPNAGK	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	32.46	1.30	0.03	2	4	3 3 2 3	EFHQAGKPIGLC[339]C[339]IAPVLAAK VVTTPAFMC[339]ETALHYIHDGIGAMVRK NLSTFAVDGKDC[339]K NKVVTTPAFM[147]C[330]ETALHYIHDGIGAMVR	1 1 1 1

ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.96	1.94	0.93	0.00	1	1	2	LQINAQNC[339]VHC[339]K	1
EXOC3_HUMAN (O60645) Exocyst complex component 3 (Exocyst complex component Sec6) [MASS=86844]	0.46	1.06	0.99	0.00	1	1	2	LM[147]DLEC[339]SR	1
EXOS1_HUMAN (Q9Y3B2) 3'-5' exoribonuclease CSL4 homolog (EC 3.1.13.-) (Exosome component 1) [MASS=21452]	*	9.74	*	*	*	1	2	FAKVHILYVGSM[147]PLKNSFR	1
EXOS5_HUMAN (Q9NQT4) Exosome complex exonuclease RRP46 (EC 3.1.13.-) (Ribosomal RNA-processing protein 46) (Exosome component 5) (p12B) (Chronic myelogenous leukemia tumor antigen 28) [MASS=25249]	0.00	11.49	0.73	0.00	1	2	2	EIFNKATLEVILR	1
							2	NTC[339]EAVVLGTLHPR	1
FA53B_HUMAN (Q14153) Protein FAM53B [MASS=45796]	0.00	5.69	0.48	0.00	1	1	2	MVMVLSESLSTRGADSIAC[330]GTFSR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	0.88	*	*	*	2	1	VSKEIK	2
							2	M[147]VPDGINPKLHK	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.49	*	*	*	1	3	PDANSAYQDTLEFLMASRDFC[339]KSFWK	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	2.26	5.23	0.00	1	4	2	PGYRFTSTGQC[330]NDR	1
							2	GPGFATKEITNGKPFFK	1
							3	M[147]IPSLC[339]THGK	1
							3	QIC[330]PYGSGIIVGPDDSAVDM[147]DEC[339]K	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	0.79	*	*	*	2	2	AFPGM[147]C[339]TYGKC[339]R	1
							2	C[339]EVNINGATLK	1
							1	ELSVSGK	2
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	*	2.61	*	*	*	3	1	VVRVVDLC[330]AGR	1
							3	KLNMDQVLDQILR	1

FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	2.54	7.36	0.00	1	2	2	SC[339]PFNIVEHK VPVSYC[339]GK	1 1
FBX47_HUMAN (Q5MNV8) F-box only protein 47 [MASS=51996]	0.00	3.32	1.81	0.00	1	1	2	LKYIHKILTEVSC[339]FK	1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	*	4.99	*	*	*	3	2 2 2	GM[147]EYLASKKC[339]IHR LHAVPAAKTVKFK M[147]PVAPYWTSPEKMEK	1 1 1
FGFR2_HUMAN (P21802) Fibroblast growth factor receptor 2 precursor (EC 2.7.10.1) (FGFR-2) (Keratinocyte growth factor receptor 2) (CD332 antigen) [MASS=92024]	*	1.71	*	*	*	1	2	FRC[339]PAGGNPMTM[147]R	1
FGRL1_HUMAN (Q8N441) Fibroblast growth factor receptor-like 1 precursor (FGF receptor-like protein 1) (Fibroblast growth factor receptor 5) (FGFR-like protein) (FGF homologous factor receptor) [MASS=54536]	*	3.37	*	*	*	1	2	PVGSSVRLKC[330]VASGHPR	1
FKB1B_HUMAN (P68106) FK506-binding protein 1B (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase 1B) (PPIase 1B) (Rotamase 1B) (12.6 kDa FKBP) (FKBP-12.6) (Immunophilin FKBP12.6) (h-FKBP-12) [MASS=11651]	0.00	15.89	4.95	0.00	1	1	3	KGQTC[339]VVHYTGM[147]LQNGK	1
FNBP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	*	0.84	*	*	*	1	1	KTATAGRSK	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	*	2.87	*	*	*	3	3 1 1	HLETSLTINKC[330]VPVSK ISFNK AQVPM[147]VLTAGPK	1 1 1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	0.00	11.20	0.54	0.00	1	2	3 3	VTNVDDEGVELGSGVM[147]ELTQSELVHLHRR APQPPNALGYTVSSFSNGC[330]PGEGR	1 1

FUBP2_HUMAN (Q92945) Far upstream element-binding protein 2 (FUSE-binding protein 2) (KH type-splicing regulatory protein) (KSRP) (p75) [MASS=72709]	0.00	4.24	0.32	0.00	1	1	2	GGGGPC[330]GGGPGGGSAGGPSQPPGGGGPGIR	1
FVT1_HUMAN (Q06136) 3-ketodihydrospingosine reductase precursor (EC 1.1.1.102) (3-dehydrospinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.93	4.82	1.11	0.00	1	1	2	LISSETTSVC[339]KPEQVAK	1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	0.00	7.72	0.61	0.00	1	3	2	VGGDAC[330]LLRGSDPGGPGLLPPR	1
							3	WIEDVKDSQLR	1
							2	KGPLPAGPPPEVPGPPKR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	0.99	4.19	0.94	0.00	1	1	2	VPTANVSVVDLTC[330]JR	1
G6PD_HUMAN (P11413) Glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (G6PD) [MASS=59134]	0.31	2.14	1.42	0.00	1	1	2	DNIAC[339]VILTFK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.75	2.80	1.21	0.00	1	1	2	GTFC[339]SFDTPDDSIR	1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	0.00	4.30	0.51	0.00	1	1	3	APQLLLLLLAAEC[330]ALAALLPAREATQFLRPR	1
GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	0.00	2.22	2.61	0.00	1	2	3	M[147]TGAEIESGAQVKPEK	1
							3	EPC[339]M[147]YPAGGGSWKSR	1
							2	LFVSGAC[330]DASAK	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	18.58	0.99	0.06	6	4	2	KAC[330]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	LLLAGYDDFNC[339]NVVDALK	1
							2	ELAGHTGYLSC[330]C[330]R	1

GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.92	0.00	1	1	2	ELPGHTGYLSC[339]C[339]R	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	*	3.59	*	*	*	1	2	SPDITKSPLTKSEQLLR	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	7.54	0.07	0.00	1	4	2 WPLSLIINRKALTR 3 YLNVVREC[330]GHDVTC[339]PVAK 3 VFSKLM SVC[330]VM[147]FTNC[330]M[147]QKFTQSMK 1 AASAPYFEVLEK	1 1 1 1	
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	1.34	*	*	*	1	1	GGKIYK	1
GEMI5_HUMAN (Q8TEQ6) Gem-associated protein 5 (Gemin5) [MASS=168560]	0.00	2.59	0.69	0.00	1	2	3 IVFNLC[330]PLQTEDDKQLLLSTSM[147]DRDVK 2 SLLPLSTSLDHR	1 1	
GFRA2_HUMAN (O00451) GDNF family receptor alpha-2 precursor (GFR-alpha-2) (Neurturin receptor alpha) (NTNR-alpha) (NRTNR-alpha) (TGF-beta-related neurotrophic factor receptor 2) (GDNF receptor beta) (GDNFR-beta) (RET ligand 2) [MASS=51558]	*	6.47	*	*	*	2	2 PNSGPSRAR 3 QTILPSC[339]SYEDKEKPNC[330]LDLR	1 1	
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	10.22	1.04	0.02	3	2	2 LINGGIAGLIGVTC[339]VFPIDLAK 2 VYTSM[147]SDC[339]LIK 2 LINGGIAGLIGVTC[330]VFPIDLAK	1 1 1	
GLRX5_HUMAN (Q86SX6) Glutaredoxin-related protein 5 [MASS=16628]	1.00	12.10	1.45	0.00	1	1	2	GTPEQPQC[339]GFSNAVQILR	1

								3	NTLSLM[147]HSC[339]GM[147]YDFSGQFAFHVGLPAK	1
								2	LKEC[339]MDM[147]LR	1
								2	C[339]VQSNIVLLTQAFR	2
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	12.56	1.28	0.11	10	5		3	GIHFC[330]HDLVSLC[330]NFHNYDNLR	1
								2	C[330]VQSNIVLLTQAFR	2
								2	VPFC[330]LQSC[330]VKPLK	1
								2	VPFC[339]LQSC[339]VKPLK	1
								3	GIHFC[339]HDLVSLC[339]NFHNYDNLR	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.00	1.16	*	*	*	1		1	FLIEAC[339]K	1
								1	FLIEAC[330]K	1
GLUD1_HUMAN (Q5TDP6) Glutamate--ammonia ligase domain-containing protein 1 (Lengsin) (Lens glutamine synthase-like) [MASS=57278]	0.83	3.54	11.61	0.00	1	1		2	KNM[147]FC[339]STSGTEQLTITGK	1
GLYM_HUMAN (P34897) Serine hydroxymethyltransferase, mitochondrial precursor (EC 2.1.2.1) (Serine methylase) (Glycine hydroxymethyltransferase) (SHMT) [MASS=55993]	0.00	7.14	*	*	*	2		2	AERVLELVSITANKNTC[339]PGDR	1
								3	RISATSIFFESM[147]PYK	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	0.99	14.73	0.86	0.00	1	2		2	SPLTIC[330]FPEYTGPNYEDAAAYIQAQFESK	1
								2	EDGISAAKDVKLLLLGAGESGK	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	*	1.70	*	*	*	1		1	NKSAHK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.78	6.50	1.46	0.00	1	2		2	IPLTIC[339]FPEYK	1
								2	SRDMTTGIVENK	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G-protein coupled receptor 158-like 1) [MASS=257362]	*	3.84	*	*	*	6		2	GRLTSLGEDVSKGMAK	1
								2	VSPKEAGSM[147]GSR	1
								2	ESQGGGEM[147]FLQK	1
								1	SPNDTGK	1
								2	SEPIDVVP[147]MRKK	1
								3	ESPAQAPKISDLPSSM[147]SSEVAEGHSLEATEK	1

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	3.30	2.07	0.11	2	2	2	C[330]VINATGPFTDSVR	1	
								2	NYLSC[339]DVEVR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	3.60	0.88	0.06	3	1	2	IC[330]TVSENFLR	2	
								2	IC[339]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	1.00	3.40	0.64	0.00	2	1	2	SREDC[330]C[330]TKF	1	
								2	SREDC[339]C[339]TKF	1
GPR37_HUMAN (O15354) Probable G-protein coupled receptor 37 precursor (Endothelin B receptor-like protein 1) (ETBR-LP-1) (Parkin-associated endothelin receptor-like receptor) (PAELR) [MASS=67113]	0.00	1.96	0.42	0.00	1	1	3	EMSTFASVGTGC[330]	1	
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	4.13	*	*	*	1	3	C[339]QGPPGVDLYRLEK	2	
GREM2_HUMAN (Q9H772) Gremlin-2 precursor (Cysteine knot superfamily 1, BMP antagonist 2) (Protein related to DAN and cerberus) [MASS=19320]	0.00	6.55	0.25	0.00	1	1	3	C[330]M[147]SVNLSDSDK	1	
GRHPR_HUMAN (Q9UBQ7) Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) [MASS=35668]	0.00	7.62	0.75	0.00	1	1	3	VGYTPDVLDTTAEALAVSLLLTTC[339]R	1	
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	0.00	2.18	0.46	0.00	1	2	2	RPPGLFR	1	
								3	ETPQASEKVDPGSC[330]R	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	5.68	*	*	*	3	3	DM[147]NEKC[339]AIGVTHFQLVQMKDFR	1	
								3	C[339]GSIRLGEKDAHSQGEVSC[339]LEK	1
								3	HQKDMNEKC[330]AIGVTHFQLVQM[147]K	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	0.00	4.44	2.22	0.00	1	1	2	RNSMLIVNLLAVTGGC[339]FMGLC[339]K	1	
GUC1B_HUMAN (Q9UMX6) Guanylyl cyclase-activating protein 2 (GCAP 2) (Guanylate cyclase activator 1B) [MASS=23346]	0.00	8.54	1.69	0.00	1	1	3	FVM[147]EC[339]PSGTLFM[147]HEFKR	1	

HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	23.97	1.24	0.01	4	2	3	GTFATLSELHC[339]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DK	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
HDAC4_HUMAN (P56524) Histone deacetylase 4 (HD4) [MASS=119069]	*	2.49	*	*	*	2	2	PNANAVRSM[147]EKVMEIHSK	1
							2	QQEMLAMK	1
HG2A_HUMAN (P04233) HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD74 antigen) [MASS=33515]	*	7.43	*	*	*	1	3	DLISNNEQLPM[147]LGRRPGAPESK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	7.28	0.45	0.00	1	2	3	NKHIC[330]GGSLIKESWVLTAR	1
							3	MWVTKLLPALLLQHVLHLLLLPIAIPYAEGQRK	1
HNF4A_HUMAN (P41235) Hepatocyte nuclear factor 4-alpha (HNF-4-alpha) (Transcription factor HNF-4) (Transcription factor 14) [MASS=51740]	*	1.94	*	*	*	1	2	FSRQC[330]VVDK	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	0.00	0.93	*	*	*	1	2	INEEISVK	1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.98	3.73	0.78	0.00	1	2	2	VFIM[147]DSC[330]DELIPEYLNfir	1
							2	AKFENLC[330]K	1
HV1C_HUMAN (P01744) Ig heavy chain V-I region ND precursor (Fragments) [MASS=16503]	*	24.49	*	*	*	2	2	VHSQTQLVQSGAEVRK	1
							3	VTMTRDASFSTAYMDLRSLR	1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	0.00	4.93	0.85	0.00	1	1	3	MFNSVNLGNFC[339]SPSR	1
HXD4_HUMAN (P09016) Homeobox protein Hox-D4 (Hox-4B) (Hox-5.1) (HHO.C13) [MASS=27885]	0.00	13.73	0.98	0.00	1	1	3	GHGQEPGGPGGHYAAPGEPc[339]PAPPAPPPAPLPGAR	1

								2	TVC[339]GVVSR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLSEDGSGK	1
								2	LPVGFTFSFPC[330]QQSK	1
								3	ATDC[339]VGHVVTLLR	1
								3	MIAAQLLAYFTELKDDQVK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	ATDC[339]VGHVVTLLR	2
								2	AILQQLGLNSTC[339]DDSILVK	1
								2	MVSGM[147]YLGELVR	1
								2	AAQLC[339]GAGM[147]AAVVDK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	KLPVGFTFSFPC[330]QQSK	1
								2	ATDC[330]VGHVVTLLR	1
								2	GAAMVTAVAYRLAEQHRQIEETLAHFHLTK	1
								3	NILIDFTKKGFLFR	1
								2	LPVGFTFSFPC[339]QQSK	5
								2	TVC[330]GVVSR	1
								2	PRQEIIDLSYMVR	1
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	21.81	1.21	0.07	18	12				
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	1.63	*	*	*	1				
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.65	1.36	0.03	3	2		2	TFDLYANVRPC[330]VSIEGYK	1
								2	IEAAC[339]FATIK	2
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	11.20	0.98	0.16	5	3		2	TSLDLYANVIHC[339]K	2
								2	LGDGLFLQC[339]C[339]R	1
								3	SRNNILRTSLDLYANVIHC[330]K	1
								2	TSLDLYANVIHC[330]K	1

IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	8.41	1.02	0.09	5	3	2	NILGGTVFREPIIC[339]K	2
							2	C[330]ATITPDEAR	1
							2	NILGGTVFREPIIC[330]K	1
							2	DLAGC[330]IHGLSNVK	2
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	0.00	2.29	0.67	0.00	1	2	3	SREVIRNAC[339]K	1
							3	DC[330]MEHAVLPVDGATLAEVM[147]R	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	*	4.27	*	*	*	1	2	DTATLNC[339]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.00	4.57	1.66	0.00	1	1	3	M[147]GALRPTLLPPSLPLLLLLMLGM[147]GC[339]WAR	1
IL17_HUMAN (Q16552) Interleukin-17A precursor (IL-17A) (IL-17) (Cytotoxic T-lymphocyte-associated antigen 8) (CTLA-8) [MASS=17504]	0.00	7.10	0.38	0.00	1	1	3	REPPHC[330]PNSFR	1
IL19_HUMAN (Q9UHD0) Interleukin-19 precursor (IL-19) (Melanoma differentiation-associated protein-like protein) (NG.1) [MASS=20392]	0.23	10.73	1.66	0.00	1	1	2	RC[339]LISTDMHHIEESFQEIK	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	*	3.49	*	*	*	1	3	TYLRGNLAESKC[330]YLITVTPVYADGPGSPESIK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	0.99	2.51	1.48	0.00	1	1	2	LLSYASYC[330]IEHGDLELAAK	1

INP4B_HUMAN (O15327) Type II inositol-3,4-bisphosphate 4-phosphatase (EC 3.1.3.66) (Inositol polyphosphate 4-phosphatase type II) [MASS=104705]	0.00	1.52	5.72	0.00	1	1	2	TSM[147]SVTLEQC[339]SILR	1
IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	0.38	2.46	0.63	0.00	1	2	3 2	NM[147]EVMGFLHGIFER FIVQC[330]M[147]NLIK	1 1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	0.00	2.52	1.48	0.00	1	1	2	VNIDPSSEAPGHSC[339]R	1
ITA10_HUMAN (O75578) Integrin alpha-10 precursor [MASS=127573]	0.00	2.23	1.22	0.00	1	2	2 2	LNGSNTQC[330]QVVR VTRYGIAVLGHYLR	1 1
ITAV_HUMAN (P06756) Integrin alpha-V precursor (Vitronectin receptor subunit alpha) (CD51 antigen) [Contains: Integrin alpha-V heavy chain; Integrin alpha-V light chain] [MASS=116051]	0.00	2.00	0.58	0.00	1	1	2	QVVC[330]DLGNPM[147]KAGTQLLAGLR	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	*	2.07	*	*	*	3	1 3 3	IGLLGHPPHM[147]NVNPQQPA HNKELQSMK PGGGGGSGSSSM[147]SRGEMSLAEVQC[330]HLDK	1 1 1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.67	2.36	2.70	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	0.75	*	*	*	1	2	SSSQKKGSSWQAK	1
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	0.00	2.31	4.27	0.00	1	1	3	QQLPAPKWTELLLIQQC[339]M[147]AYEPVQR	1

JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.95	*	*	*	1	3	APKPPTDGSTSPSTPSEDQEALGKK	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	0.00	1.18	0.50	0.00	1	3	1 QPKPTYK 2 LSFSKNGVVR 2 C[339]VIDITNDTNLEK	1 1 1	
JPH3_HUMAN (Q8WXH2) Junctophilin-3 (Junctophilin type 3) (JP-3) [MASS=81468]	*	0.80	*	*	*	1	1 M[147]SSGGR	1	
K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	*	1.82	*	*	*	1	2 VQELAPASGEKARLSEAPGGK 2 NLGMVC[339]R	1 5	
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	2.07	32.74	0.03	4	2	2 YSAARSSADSNM[147]DDIC[339]K	1	
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	0.00	3.99	*	*	*	4	2 KAPPPPPTSMPKTVQAAPPALPGPPGAPVNMYSR 2 ANVVGEVR 3 TLENPVNVYNPSHSDSLASQQSVASHPR 2 TTKLVLIGSNHSLPFLK	1 1 1 1	
K0406_HUMAN (Q43156) Protein KIAA0406 [MASS=122069]	0.00	2.85	2.56	0.00	1	2	2 LQLAVLQGLGPLC[339]ER 3 C[330]LQVLLLQC[330]DC[339]QDHPR	1 1	
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	0.00	3.94	0.37	0.00	1	2	3 C[330]IGKDAPIALKR 2 IMQYKYLLFSLHAIVK	1 1	
K1576_HUMAN (Q9HCJ6) Probable oxidoreductase KIAA1576 (EC 1.-.-.-) [MASS=45899]	0.00	3.34	1.57	0.00	1	1	3 VKAC[339]GLNFIDLM[147]VR	1	
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	0.00	5.72	1.75	0.00	1	4	2 GSSVSREGSTSSSLEPEPDTEK 3 LQTLKQNTESPR 2 MDVSNLAMVMAPNC[339]LR 2 KPMIVTSDRHVK	1 1 1 1	
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.99	15.09	1.22	0.00	1	1	2 SGTASVVC[330]LLNNFYPR	1	

KAP3_HUMAN (P31323) cAMP-dependent protein kinase type II-beta regulatory subunit [MASS=46215]	*	2.40	*	*	*	1	2	LLGPC[330]M[147]EIM[147]K	1
KBTB3_HUMAN (Q8NAB2) Kelch repeat and BTB domain-containing protein 3 (BTB and kelch domain-containing protein 3) [MASS=69395]	*	2.63	*	*	*	1	2	DDGSVTITNLSSKAVK	1
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	7.11	1.00	0.05	6	2	3 MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR 3 MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR 2 STVASC[339]M[147]HR 2 STVASC[330]MHR 2 STVASC[339]MHR 2 MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1 1 1 1 1 1	
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	5.27	0.86	0.11	5	2	3 IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR 3 IC[330]DPGLTSFEPEALGNLVEGMDFHR 2 LC[330]TGHEYAAK 3 IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	2 1 1 1	
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.97	5.01	1.01	0.00	1	1	3 IC[339]DPGLTAFEPEALGNLVEGMDFHR	1	
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al) [MASS=137559]	0.00	0.89	2.69	0.00	1	1	2 TYNMLC[339]FGIYR	1	
KCNG2_HUMAN (Q9UJ96) Potassium voltage-gated channel subfamily G member 2 (Voltage-gated potassium channel subunit Kv6.2) (Cardiac potassium channel subunit) [MASS=51239]	0.00	5.58	1.13	0.00	1	1	3 LFAC[339]VSVSFVAVTAVGLC[339]LSTM[147]PDIR	1	

KCNH1_HUMAN (O95259) Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	0.00	1.11	0.39	0.00	1	1	2	ALTYC[330]DLHVIK	1
KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	*	1.75	*	*	*	2	2	WKETGGGR	1
							2	QQIRKALDEHK	1
KCNQ5_HUMAN (Q9NR82) Potassium voltage-gated channel subfamily KQT member 5 (Voltage-gated potassium channel subunit Kv7.5) (Potassium channel subunit alpha KvLQT5) (KQT-like 5) [MASS=99024]	*	1.90	*	*	*	1	2	ENVQVAQSNLTKDRSMR	1
KCNS1_HUMAN (Q96KK3) Potassium voltage-gated channel subfamily S member 1 (Voltage-gated potassium channel subunit Kv9.1) (Delayed-rectifier K(+)) channel alpha subunit 1) [MASS=58371]	0.00	2.09	0.27	0.00	1	1	2	RLC[330]DDYDEAAR	1
							2	FC[339]TGLTQIETLFK	4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	10.24	1.16	0.01	9	3	2	FC[330]TGLTQIETLFK	2
							1	FC[339]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	1
							3	LAVEALSSLDGDLAGR	2
							2	GFC[339]LPPHC[339]SR	1

KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	15.04	2.86	0.00	1	4	3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[330]PSNLGTGLR	2
							2	LGYILTC[339]PSNLGTGLR	6
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.18	0.08	8	2	3	M[147]ASIFSKLLTGR	1
							2	GLSLPPAC[339]TR	1
							1	GLSLPPAC[339]TR	1
							2	HNNC[330]M[147]ASHLTPAVYAR	2
							3	HNNC[339]M[147]ASHLTPAVYAR	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	0.97	1.91	1.27	0.00	1	2	2	GLSLPPAC[339]TR	1
							2	GLSLPPAC[339]TR	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	0.00	3.21	0.80	0.00	1	1	3	LLQDSLGGNTKTLM[147]VAC[330]LSPADNNYDETLSTLR	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	0.00	3.53	2.78	0.00	1	1	3	IVAGVAAATTTLLMVITGVALC[339]C[339]WR	2
KLD8A_HUMAN (Q8IYD2) Kelch domain-containing protein 8A [MASS=38899]	0.00	7.14	0.44	0.00	1	1	2	NC[330]LLAVGGVNQGLSDAVEALC[330]VSDS	1
KLHL7_HUMAN (Q8IXQ5) Kelch-like protein 7 [MASS=66005]	*	2.05	*	*	*	1	1	MAASGVEKSSKK	1
KNG1_HUMAN (P01042) Kininogen-1 precursor (Alpha-2-thiol proteinase inhibitor) [Contains: Kininogen-1 heavy chain; Bradykinin (Kallidin I); Lysyl-bradykinin (Kallidin II); Kininogen-1 light chain; Low molecular weight growth-promoting factor] [MASS=71945]	0.00	5.90	2.20	0.00	1	2	2	HGHGHGKHKNK	1
							3	YFIDFVARETTC[339]SKESNEELTESC[339]ETK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog (hRod) (HsROD) (Rod) [MASS=250747]	0.00	1.81	1.09	0.00	1	3	2	QALALQMSK	1
							2	AEALLKKLHIQYR	1
							2	IIDLIDREQGEDC[330]LLLLK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	2.45	0.88	0.02	2	1	2	NTGIIC[339]TIGPASR	1
							2	NTGIIC[330]TIGPASR	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.00	1.43	0.56	0.00	1	2	2	C[330]EASGKPEVQFR	1
							1	DGVHFK	1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	*	1.18	*	*	*	1	3	NHRPGNGAGPKK	1
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	*	2.05	*	*	*	4	2	QIDRDQLM[147]TVLANVTHLLIR	1
							2	VMTDLGSGPITLLTDRR	1
							3	QGVLAVIDAYNTSNK	1
							2	IPSQQDALGGR	1
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	*	1.46	*	*	*	2	3	WHTVVFHGDGEKGR	1
							3	EAVMDRVKFQR	1
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	0.00	1.24	1.42	0.00	1	4	2	SPNHPLDSPHVC[339]R	1
							2	C[339]DPDTGQC[339]RC[339]R	1
							1	LLGPQR	1
							2	LGLVWAALQGARTQLR	1
LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	*	0.82	*	*	*	1	2	LGKAYEITYVRLK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	0.00	3.06	11.03	0.00	1	1	3	AVRHC[339]VRAFLEQIGAPQAALR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	0.20	2.21	0.89	0.00	1	1	3	C[330]DGQVDC[330]DNGSDEQGC[330]PPK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	6.36	1.16	0.00	1	2	2	LFEDELTLDNLTRPQLVALC[339]K	1
							3	EDVHISTSQVAEIVATLEKEEKVEEK	1

LIPA2_HUMAN (O75334) Liprin-alpha-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-2) (PTPRF-interacting protein alpha-2) [MASS=143141]	*	0.56	*	*	*	1	1	QMEEKNR	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.99	3.30	1.01	0.00	1	2	2	SLLLLGFRSMNINWSEITELLYK C[330]GAIAEQTPILLFLLR	1 1
LPP_HUMAN (Q93052) Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) [MASS=65746]	0.00	3.92	0.43	0.00	1	1	3	SLDGIPFTVDAGGLIHC[339]IEDFHKK	1
LRAT_HUMAN (O95237) Lecithin retinol acyltransferase (EC 2.3.1.135) (Phosphatidylcholine--retinol O-acyltransferase) [MASS=25703]	0.00	5.65	1.05	0.00	1	1	2	FC[339]ETVKIIRDQR	1
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	*	3.32	*	*	*	2	2	LC[339]DQRFSPLLHSSR 3 RPAQFLPEM[147]VAAM[147]K	1 1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	0.00	10.46	0.34	0.00	1	1	3	LTVLPDEIC[330]NLKKLETLSLNNHLR	1
LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	*	2.77	*	*	*	2	2	NRISAIPPKMFK 3 ERRMHVM[147]PEDDVFFIVDVK	1 1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	0.00	1.44	0.41	0.00	1	4	3	LWWADQNLAQLGTC[330]SK 3 C[330]LC[330]TDGYEIQPDNPNGC[330]K 2 IESASM[147]SGAGRK 3 LYWTDGNTINM[147]ANM[147]DGSNSK	1 1 1 1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	1.65	*	*	*	5	2	NLTNPRGLALDPR 3 DC[339]NATTEFM[147]C[339]NNRRC[339]IPR 3 RVLLKVTVDM[147]PR 2 GSFRC[339]SC[330]DTGYMLES DGR 3 WIC[339]DHYNDC[339]GDNSDER	1 1 1 1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	*	2.67	*	*	*	4	1	TSLEEVEGR 3 C[330]SDGSC[330]IAEHWYC[339]DGD TDC[339]K 1 LSSSQV 3 TGEENC[339]NVNNGGC[339]AQK	1 1 1 1

LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	*	1.52	*	*	*	1	3	VDM[147]FSYGM[147]VLYELLSGQRPALGHHQLQIAKK	1
LSHB_HUMAN (P01229) Lutropin beta chain precursor (Luteinizing hormone subunit beta) (LSH-beta) (LSH-B) (LH-B) [MASS=15345]	0.00	10.64	1.68	0.00	1	1	2	GVDPVVSFPVALSC[339]JR	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	0.00	4.76	3.63	0.00	1	3	3	GAGSHC[339]PTSQSESNSFWDTSPLLL GKPPR	1
							3	PPVC[339]EDIDEC[339]RDPSSC[330]PDGK	1
							3	QPC[330]GSNPLPGLTK	3
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	5.09	*	*	*	2	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
							2	ATPRLILLELM[147]SGGDM[147]KSFLR	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	0.00	4.37	2.27	0.00	1	3	2	GHVLGNGSQVTQAANSGC[339]SK	1
							2	HDITLQLAEAERMADGPLK	1
							2	FKLQSLSR	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	*	1.22	*	*	*	1	3	WAETNGQLEDC[330]VVLDTDGFWK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	4.96	0.68	0.00	1	2	3	M[147]AVMEM[147]AC[330]PGAPGSAVGQQKELPKAK	1
							3	GSFGEVHRM[147]EDKQTGFQC[330]AVK	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.42	*	*	*	1	3	NNMGNDTNEEQEKAVTKIEIISHM[147]K	1
MAGB5_HUMAN (Q9BZ81) Melanoma-associated antigen B5 (MAGE-B5 antigen) (Fragment) [MASS=13018]	*	19.82	*	*	*	1	2	GNC[330]ANKEDTWKFLDMMQIYDGK	1
MALT1_HUMAN (Q9UDY8) Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (EC 3.4.22.-) (MALT lymphoma-associated translocation) (Paracaspase) [MASS=92272]	0.00	3.16	10.36	0.00	1	2	2	ETGLNVFLDLMC[339]JR	1
							1	VVSLDLTEYEMR	1

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.98	3.15	1.05	0.00	1	1	2	FGINC[339]LIQFEDFANANAFR	1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	1.00	3.72	0.88	0.06	2	4	2	YTRPRTLSC[330]VK	1
							2	EEFVETC[330]PSEHK	1
							3	RPSPHDEEEFEVEEAQAEPK	1
							2	M[147]EFHDQQELTPSTAEPDQKEK	1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.00	2.83	28.66	0.00	1	2	3	RPVFILGEPDPPPAATPVM[147]PK	1
							3	QVC[339]GTPEYIAPEVIFR	1
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	*	8.64	*	*	*	1	3	VRLQTQPPSLPGQPPMYSGTFDC[330]FRK	1
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	0.92	5.24	0.87	0.00	1	2	2	ESLC[339]QAALGLILK	1
							2	SIMAAAGVPVVEGYHGEDQSDQC[330]LJK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.00	6.93	0.78	0.00	1	2	3	NIAQIAVVM[147]GSC[339]TAGGAYVPAMADENIIVR	1
							2	AQEIAMQNR	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	0.00	2.63	1.01	0.00	1	3	3	M[147]NPTNPFSGQQPSAFSASSSNVGTLPKPPFR	1
							3	TFVGTG[330]LDM[147]C[330]PEK	1
							1	PFSLKEK	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	*	2.31	*	*	*	1	2	MDLAAAAPGAGSQHLEVR	1

								1	TIIP LISQC[339]TPK	2
								1	EGVVEC[330]SFVK	1
								2	EGVVEC[339]SFVK	1
								1	GYLGPEQLPDC[339]LK	1
								2	TIIP LISQC[339]TPK	1
								2	SQETEC[339]TYFSTPLLLGK	4
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	19.23	1.32	0.07	19	5		2	GYLGPEQLPDC[339]LK	1
								2	TIIP LISQC[330]TPK	1
								2	EGVVEC[330]SFVK	1
								2	SQETEC[330]TYFSTPLLLGK	3
								2	GC[339]DVVVIPAGVPR	1
								1	TIIP LISQC[330]TPK	2
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.38	*	*	*	7		3	NEKAEENTDQASPQEDYAGFERLQSGHLTK	1
								2	KELSPALR	1
								2	LNSVLEVEKSLVLAKEGSPEDK	1
								1	GPGNLNR	1
								2	PKC[339]LGEKGKAITMEIVNK	1
								3	FMLFATQNPPLYGGR	1
								3	THLLTSDSQGGNQMLDEGFVEDFSEQMEIAIR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	0.39	*	*	*	1		1	KNFFK	1
MDR3_HUMAN (P21439) Multidrug resistance protein 3 (EC 3.6.3.44) (P-glycoprotein 3) [MASS=140681]	*	0.70	*	*	*	1		1	M[147]IGVLT LFR	1
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucosidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucosidase)] [MASS=209721]	*	1.13	*	*	*	1		3	QYDIHNLYGYSM[147]AVATAEAAK	1
MGR6_HUMAN (O15303) Metabotropic glutamate receptor 6 precursor (mGluR6) [MASS=95436]	0.00	2.74	1.06	0.00	1	1		3	LLDTC[339]SRDTYALEQALS FVQALIR	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.20	0.05	6	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
MIF_HUMAN (P14174) Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) [MASS=12345]	0.00	7.89	1.17	0.00	1	1	2	LLC[330]GLLAER	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	2.59	*	*	*	1	2	LTTMAMYPHVTQADLK	1
MKLN1_HUMAN (Q9UL63) Muskelein [MASS=84767]	0.00	1.50	0.16	0.00	1	1	3	LC[330]RPSKDYLLR	2
MLH3_HUMAN (Q9UHC1) DNA mismatch repair protein Mlh3 (MutL protein homolog 3) [MASS=163711]	0.00	1.38	0.16	0.00	1	1	3	NDVSGSM[147]VLQLPKTKDVC[330]SR	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.98	4.11	1.40	0.00	1	2	2	EGASILLDGR	1
							2	ERVLC[339]NLIDSGTK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	1.00	9.72	1.51	0.16	3	2	2	FSDEGGFTC[339]FFR	2
							2	ALVGDEVELPC[339]R	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	*	4.11	*	*	*	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	1.00	19.06	0.98	0.08	2	4	2	LPRPPPEM[147]PESLKK	1
							3	ANPFNTPHLQLVHDGLGDLRSSSPGPTGQPRR	1
							2	FAC[330]FER	1
							2	GWAPTFLGYSMQGLC[330]JK	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	*	2.31	*	*	*	1	2	REIM[147]LTPVTVAAYSPKR	1

MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	*	1.80	*	*	*	1	2	TFVPNSTEC[330]GGDKGR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	6.93	1.09	0.00	1	1	3	QVC[339]QLPGLFSYAQHIASIDGR	1
MTMR5_HUMAN (O95248) SET-binding factor 1 (Sbf1) (Myotubularin-related protein 5) [MASS=208255]	0.00	0.54	0.14	0.00	1	1	3	NC[330]ISYVFEGK	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.3.-) [MASS=75806]	*	5.91	*	*	*	2	2	YEELYC[339]FSFNPM[147]LDK	1
							2	AALGTLYL TATHVIFVENS PDARK	1
MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	1.00	14.07	0.96	0.07	3	2	2	NYSNLLAFC[339]R	1
							2	NYSNLLAFC[330]R	1
							3	GEQILLSDNAASLAVQAFLQM[147]C[339]NLPIK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	*	1.02	*	*	*	2	1	LTETNA	1
							2	GAPAVYSEKVMHM[147]FK	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	2.69	*	*	*	8	3	DPPKGM[147]IPPGTQLVKPK	1
							2	M[147]LVIVVLPVRNSLR	1
							3	SPVRC[339]IATTR	1
							2	LISAHSSLSK	1
							2	ELYEDVR	1
							3	LLQTISDLMMSLPSGSSLQQMALRC[339]WSLK	1
							2	FSADTDILLGGLGFGGR	1
							2	SVDEGSNKVHFSIGKAPLK	1
MYLIP_HUMAN (Q8WY64) Ubiquitin ligase MYLIP (EC 6.3.2.-) (Myosin regulatory light chain-interacting protein) (MIR) [MASS=49910]	0.00	1.80	*	*	*	1	2	HIFFLHIK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	3.70	*	*	*	2	2	EM[147]VLEIEVMNQLNHR	1
							1	APASEK	1
MYO10_HUMAN (Q9HD67) Myosin-10 (Myosin X) [MASS=237389]	0.00	1.36	1.18	0.00	1	2	2	RPTVSSQFK	1
							3	RHLGELPPHIFAIANEC[339]YR	1
MYO6_HUMAN (Q9UM54) Myosin-6 (Myosin VI) [MASS=148713]	0.00	1.56	1.87	0.00	1	1	3	SAQSLEYC[339]AELLGLDQDDL	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	3.00	0.07	0.00	1	3	2	EGETVTLKC[330]TMLVTPDLK	2
							2	YVSM[147]TIKGVTSSEDSGK	1
							2	C[330]TMLVTPDLK	1

								2	VC[330]GSNLLSIC[330]K	1
								1	TSASIGSLC[330]ADAR	2
								2	VC[339]GSNLLSIC[339]K	2
								1	TSASIGSLC[339]ADAR	1
								1	VC[330]HC[330]LGK	1
								1	VC[330]GSNLLSIC[330]K	1
								2	TSASIGSLC[330]ADAR	5
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	14.13	0.98	0.08	18	4				
								1	LMGRGTKF	3
								2	TSASIGSLC[339]ADAR	5
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	1.85	*	*	*	2	3	1	TLYYDVEPFLFYVLTQNDVKGC[330]HLVGYFSK	1
							1	1	VRTGPGR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.99	36.97	1.32	0.00	1	3	2	2	EM[147]FGYMK	2
							3	3	FLPDEARSLPPPCLTDPR	1
							2	2	LLYIGFLGYC[339]SGLIDLIR	1
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na+)/Ca(2+)-exchange protein 3) [MASS=103009]	0.00	2.80	13.09	0.00	1	1	3	3	AEAGSGDVPSTGQNNESC[339]SGSSDC[339]K	1
NADK_HUMAN (O95544) NAD kinase (EC 2.7.1.23) (Poly(P)/ATP NAD kinase) [MASS=49228]	0.00	7.40	0.92	0.00	1	2	3	3	QAMQYQVLNEVIDR	1
							2	2	ELC[330]THLMEENMIVYVEKK	1

NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	0.00	2.38	0.32	0.00	1	2	2	IHKPPPLTPLYMGC[330]R WVPVTDAYWQILFVSLKVTR	1 1
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	0.00	4.33	*	*	*	2	1	VSPKRGVPK	2
NARG1_HUMAN (Q9BXJ9) NMDA receptor-regulated protein 1 (N-terminal acetyltransferase) (Tubedown-1 protein) (Tbdn100) (Gastric cancer antigen Ga19) [MASS=101272]	0.00	4.62	7.23	0.00	1	2	3	EGTSAVENLNEMQC[339]MWFQTEC[339]AQAYK LEDAADVYRGLQER	1 1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.99	1.30	0.87	0.00	1	1	2	FFLC[330]QVAGDAK	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	0.00	2.39	0.23	0.00	1	2	2	MC[339]GKKSGSSGK GEEMTFSC[330]R	1 1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	5.66	0.78	0.00	1	1	2	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	0.00	6.12	1.15	0.00	1	1	2	IHLC[339]QR	1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.40	0.00	2	1	2	TTGLVGLAVC[339]NTPHER TTGLVGLAVC[330]NTPHER	1 1

NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.93	8.04	1.65	0.00	1	1	2	LSNNYYC[339]TR	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	29.82	1.14	0.09	6	4	2 C[330]ALDFFR 3 AAAHHYGAQC[339]DKPNK 2 AAAHHYGAQC[339]DKPNK 1 C[339]ALDFFR 2 FDEC[330]VLDK 3 AAAHHYGAQC[330]DKPNKEFM[147]LC[330]R 2 C[339]ALDFFR	1 1 1 1 1 1 1	
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	16.62	0.87	0.01	2	3	2 C[339]EVLQYSAR 3 TFLPEM[147]SEKC[330]EVLQYSAR 3 HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK 3 TFLPEM[147]SEKC[339]EVLQYSAR	1 1 1 1	
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	1.14	0.00	2	1	2 DYC[330]AHLIR 2 DYC[339]AHLIR	1 1	
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.23	6.43	0.99	0.00	1	1	2 EGQNYQQNC[330]JK	1	
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.00	2.54	0.65	0.00	1	1	2 C[330]YLEDGASK	1	
NEIL1_HUMAN (Q96F14) Endonuclease VIII-like 1 (EC 3.2.2.-) (EC 4.2.99.18) (Nei-like 1) (DNA glycosylase/AP lyase Neil1) (DNA-(apurinic or apyrimidinic site) lyase Neil1) (NEH1) (FPG1) [MASS=43553]	0.00	5.66	0.72	0.00	1	1	3 WQPGRGPC[330]VLQEYQQFRENVLRL	1	

NEIL3_HUMAN (Q8TAT5) Endonuclease VIII-like 3 (Nei-like 3) (DNA glycosylase FPG2) [MASS=67893]	0.00	13.39	2.19	0.00	1	5	3	M[147]VEGPGC[339]TLNGEKIRAR	1
							2	IRARVLPQAVTGVR	1
							2	VDHVMDSVAR	1
							3	QNQILDEEFQNSPPASVC[330]LNDIQHPSKK	1
							2	VLPQAVTGVR	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	0.00	2.24	10.00	0.00	1	1	2	MPSLQPVVM[147]C[339]VM[147]K	1
NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	0.00	5.15	1.47	0.00	1	1	2	GGVAAGAEGC[339]RPAR	1
NIBA_HUMAN (Q9BZQ8) Niban protein [MASS=103134]	0.00	3.66	3.38	0.00	1	1	3	SC[339]LESVQPFLASILEELMGPVSSGFSEVRVLF EK	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.61	11.43	0.44	0.00	1	1	2	IEYDDFVEC[339]LLR	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.99	5.20	1.05	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	*	4.85	*	*	*	3	2	PHDYSPPFRFGTVPNGSTERNIR	1
							3	KSVDSIRQDSLSQNPVSQR	1
							3	GDSTLPMNRNPLHNEEGLSNNDQYKLYSK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.83	1.01	0.02	4	1	2	KTC[339]DALQAK	2
							2	KTC[330]DALQAK	2
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	0.00	3.86	4.13	0.00	1	3	3	VSC[339]HSDDDIMR	1
							3	NVAKVKNSTEFSQM[147]EK	1
							3	FQAFKGVGC[330]LYEKESMK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	3.52	*	*	*	3	2	KARLIASNVTEM[147]GINGSAYR	1
							2	PQGGDFMR	1
							3	FFKNSYSPLLLKDWMMR	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	6.38	0.91	0.00	1	1	2	AEDSGEYHC[339]VYHFVSAPK	1

NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	5.76	0.28	0.00	1	3	3	RDPAPGFSMLLFGVSLAC[339]YSPSLKSVQDQAYK	1
							2	QNM[147]C[330]PAHQNR	1
							1	RTSAGPR	1
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	*	0.54	*	*	*	1	1	HRENK	1
NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	*	1.41	*	*	*	3	2	C[339]AESEQK	1
							3	FSTLLMMLKDMHDSKTK	1
							3	LLITSSPKPQTSDR	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	7.66	1.07	0.05	4	4	1	GILLYGPPGC[339]GK	1
							3	KLLM[147]LIEM[147]SLQMDPEYRVR	1
							2	GILLYGPPGC[339]GK	1
							2	SQLSC[339]VVVDDIER	1
							2	SQLSC[330]VVVDDIER	1
3	EFSDIFRRAFAFR	1							
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	*	3.52	*	*	*	2	2	NC[339]LVGQGLVVK	1
							2	TMLPIRWM[147]PPESILYRK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	5.09	*	*	*	3	2	HFREFTVC[330]SIGTANAVAGAVK	1
							3	LRLAYSPTMGLYLGIYM[147]HAPK	1
							3	NHDGEC[339]TAAPTNRQIEILELEDLEK	1
NU5M_HUMAN (P03915) NADH-ubiquinone oxidoreductase chain 5 (EC 1.6.5.3) (NADH dehydrogenase subunit 5) [MASS=67026]	0.41	7.30	1.12	0.00	1	2	3	SPLC[330]TFYFSNM[147]LGFYPSITHR	1
							3	LTALAVTFLGLLTALDLNLYLTNK	1
NUAK1_HUMAN (O60285) NUAK family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	*	1.97	*	*	*	1	3	LENILLDDNC[330]NIK	1

NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	9.49	1.15	0.10	5	5	2	VLFLLGADGGC[339]ITR	1
							3	DC[339]FIIYQGHHDVGVGAPIADVILPGAAYTEK	1
							1	FC[339]YHER	1
							2	VVAAC[330]AM[147]PVM[147]K	1
							2	MC[330]LVEIEK	1
							1	FC[330]YHER	1
							2	LLEGC[339]LVGGR	1
							3	LKPPFPADVGVFGC[330]PTTVANVETVAVSPTIC[339]R	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	33.62	1.08	0.13	11	8	2	GAGAYIC[339]GEETALIESIEGK	2
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
							2	LLEGC[330]LVGGR	1
							3	LIEFYKHESC[330]GQC[330]TPC[330]R	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLKELIEK	1
							3	LKPPFPADVGVFGC[339]PTTVANVETVAVSPTIC[339]R	1
							2	NAC[330]GSGYDFDFVVR	1
							2	ELTERFEDVWVSGPLTLQPTR	1
							2	C[339]YTNHALSYDQAK	1
							NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.90	7.34
2	IIAQC[330]LNK	1							
1	VSPPKR	1							
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	8.57	1.45	0.00	1	1	2	LC[339]EAIC[339]PAQAITIEAEPR	1
							2	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	1.00	22.07	0.77	0.00	1	2	3	QSDVM[147]IVAGTLTNKM[147]APALR	2
							2	MTM[147]LLLYHSTM[147]SSKSPR	1
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	*	0.80	*	*	*	1	2	MTM[147]LLLYHSTM[147]SSKSPR	1

NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.16	0.04	3	1	2	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
NUP50_HUMAN (Q9UKX7) Nucleoporin 50 kDa (Nuclear pore-associated protein 60 kDa-like) [MASS=50144]	*	3.63	*	*	*	1	2	VKTSEDADELHKILLEK	1
NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	4.91	0.57	0.00	1	1	2	IFGESIM[147]IGVKPC[330]IDK	1
O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	0.00	3.16	*	*	*	1	3	M[147]LADLLFTHR	1
O13D1_HUMAN (Q8NGV5) Olfactory receptor 13D1 [MASS=35304]	0.00	8.92	0.44	0.00	1	1	3	KAFSTC[330]SAHSIVILFYGSALFMYMKPK	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	*	6.05	*	*	*	1	3	NNVTEFILLGLTQNPEGQK	1
O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	0.00	9.27	1.66	0.00	1	1	3	HVSPLINVLMANVLLVPPLTNPIVYC[339]VK	1
							3	RLVVQQAGQADAGEYSC[339]EAGGQR	1
							3	PQDSC[330]RVTFFLAGDM[147]VTSAFITVRGWR	1
							1	EDSVRK	1
							3	TPLHANELNEIDAQPGGYHVLTLR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	2.18	1.16	0.00	1	9	3	QDGAVC[330]ELQIC[339]GLAVADAGEYSC[339]VC[330]GEER	1
							3	ERPAAIKPLEDQWVAPGEDVELR	1
							1	VRVEELGEASALRIR	1
							2	HLPLDEPAELGLRER	1
							2	DDTPLSPSEKFK	1
							3	IC[330]RQVISQLPR	2
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.30	2.22	1.05	0.00	1	2	2	C[339]LDSAYDPR	1

ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.92	6.22	1.11	0.00	1	2	2	NVQIC[339]SIFDIATELNR PPVFTGKDKTEPIK	1 1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.94	3.49	0.89	0.00	1	2	3 2	VAAEWRSTFHKDVVVDLVC[339]YR FGLEGC[339]EVLIPALK	1 1
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	10.75	0.93	0.12	3	3	2 3 2	DVPLGTPLC[330]IIVEK NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK DVPIGAIIC[330]ITVGKPEDIEAFK	1 1 1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	1.54	0.88	0.00	1	1	2	KC[330]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	*	3.62	*	*	*	1	2	PMDMETIEASVMK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.95	6.59	1.21	0.00	1	2	3 2	HSLDASQGTATGPR STVPHAYATADC[330]DLGAVLK	1 1

OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	2.71	1.20	0.03	3	2	3	TQEQC[330]VHNETKNELEK	1
							3	TQEQC[339]VHNETKNELEK	1
							2	TALNHC[330]NLC[330]R	1
OR1B1_HUMAN (Q8NGR6) Olfactory receptor 1B1 (Olfactory receptor 9-B) (OR9-B) (Olfactory receptor OR9-26) [MASS=35161]	0.00	5.99	2.52	0.00	1	1	3	C[339]AC[339]LLALSWVVSILHTMLR	1
OR1L3_HUMAN (Q8NH93) Olfactory receptor 1L3 (Olfactory receptor 9-D) (OR9-D) (Olfactory receptor OR9-28) [MASS=36633]	0.45	4.94	2.97	0.00	1	1	2	C[339]VAIC[339]NPFHYVTVM[147]NR	1
OR5L2_HUMAN (Q8NGL0) Olfactory receptor 5L2 (HTPCRX16) [MASS=34682]	0.00	5.47	0.35	0.00	1	1	3	FVAIC[330]NPLLYM[147]VTM[147]SQK	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	*	2.44	*	*	*	1	3	GSPQETTLLVDELDLLWTHK	1
OXPB_HUMAN (Q9Y4L1) 150 kDa oxygen-regulated protein precursor (Orp150) (Hypoxia up-regulated 1) [MASS=111335]	0.00	2.40	1.26	0.00	1	2	2	LC[330]QGLFFR	1
							2	ENERFFGDSAASMAIK	1
OZF_HUMAN (Q15072) Zinc finger protein OZF (Only zinc finger protein) (Zinc finger protein 146) [MASS=33280]	*	6.16	*	*	*	1	3	AFSQFSTLALHLRIHTGK	1
P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	*	2.10	*	*	*	1	2	VYDSYRK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	0.00	1.84	0.41	0.00	1	1	2	SC[330]ETQRLGGPASR	1
PAIP1_HUMAN (Q9H074) Polyadenylate-binding protein-interacting protein 1 (Poly(A)-binding protein-interacting protein 1) (PABP-interacting protein 1) (PAIP-1) [MASS=53524]	0.00	10.23	1.86	0.00	1	3	3	ELLNALFSNPM[147]DDNLIC[339]AVK	1
							1	APGAGRGR	1
							3	M[147]DM[147]EEIIQRIENVVLDANC[330]SR	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	2.07	*	*	*	1	2	AVHTNYHAALRC[339]ESLK	1

PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	32.28	0.88	0.05	3	4	1	ALVILAK	1
							2	VTVAGLAGKDPVQC[330]SR	1
							2	DVVIC[339]PDASLEDAKK	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
PAX9_HUMAN (P55771) Paired box protein Pax-9 [MASS=36310]	*	5.28	*	*	*	1	2	VPTPPGVPAIPGSVAM[147]PR	1
PCD10_HUMAN (Q9P2E7) Protocadherin-10 precursor [MASS=112935]	0.00	1.63	2.65	0.00	1	1	3	AQSAGM[147]DLFSNC[339]TEEC[339]JK	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	*	3.32	*	*	*	3	3	SEPNVISSPAEC[339]SLELSPSR	1
							3	QM[147]LFLNSTGRVLDR	1
							3	LVVVAFDDGEPVM[147]SSSATVKILVLHPGEIPR	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]	0.38	2.66	1.42	0.00	1	1	3	QRVC[339]SAESPPKTDLM[147]AFSPSLQLSR	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C- endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	*	6.75	*	*	*	1	2	MMVQMISDANTAGNGFMAMFSAEPNER	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.- .-) (Apoptosis-inducing factor) [MASS=66900]	0.00	4.73	1.51	0.00	1	2	3	SNIWVAGDAAC[339]FYDIKLGR	1
							2	C[339]LIATGGTPR	1
PDIA5_HUMAN (Q14554) Protein disulfide- isomerase A5 precursor (EC 5.3.4.1) (Protein disulfide isomerase-related protein) [MASS=59594]	0.21	1.93	0.18	0.57	2	1	2	GFPTIC[330]YFEK	2
PDZK3_HUMAN (O15018) PDZ domain- containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	0.00	3.17	0.73	0.00	1	6	3	LQELRALSMPDLKLC[339]SEDYSAGPSAVLFK	1
							3	NGESVLENLHISESQDLLDLLQK	1
							1	SFSMAK	1
							2	HNQGTHLR	1
							1	EPGKPR	1
							2	LVSPSLTPC[339]STPTHM[147]SR	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	0.99	4.09	0.83	0.00	1	1	2	AC[330]ANPAAGSVILLENLR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	0.00	3.62	0.66	0.00	1	1	3	VMIC[330]MPVGGPDLVSVYTAQK	1

PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	0.00	3.07	0.97	0.00	1	2	1	C[330]NSYRPEAAR	1
							2	C[330]M[147]INQYSNYYWKK	1
PHF8_HUMAN (Q9UPP1) PHD finger protein 8 [MASS=117863]	*	1.23	*	*	*	1	2	VTPTLPKQDRPVR	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	0.41	1.79	1.39	0.00	1	1	2	LWPGLLIMLGSLC[339]HR	1
PI51C_HUMAN (O60331) Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	*	2.99	*	*	*	1	3	KLEHTWKALVHDGDTVSVHR	1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	*	1.41	*	*	*	1	2	VSYTIPESHRLGVGVYPIK	1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	*	0.56	*	*	*	1	2	QPASAILSGSGRAQRK	1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	1.27	*	*	*	1	2	YQVVQTLDC[330]LRYWK	1

PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	0.00	5.93	0.48	0.00	1	4	3	QIIEDNPLGSLC[330]RGILDNLNTYNNVVKAPQGK	1
							1	RNSISLR	1
							3	YYLTDNLTFSSYALIQHRETHLR	1
							3	PDASAVYLRDFQR	4
PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	0.00	2.30	0.75	0.00	1	2	2	C[339]SNPQITEILTVSGPPEGGTR	1
							3	DWTFNHLTVHQGTGAVYVGINR	1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	0.00	1.20	0.54	0.00	1	2	2	SDC[330]SLC[330]RAANPDYR	1
							3	TLLARMC[339]R	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	1.56	*	*	*	2	1	AGALEIQRR	1
							3	DLDTEKYFHLVLPDELAEPK	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	*	4.55	*	*	*	1	2	GKQSLETIC[339]LLLAYK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	6.71	1.20	0.00	1	1	1	KITIADC[339]GQLE	1
PPWD1_HUMAN (Q96BP3) Peptidylprolyl isomerase domain and WD repeat-containing protein 1 (EC 5.2.1.8) [MASS=73574]	*	2.32	*	*	*	1	2	WVGPLPVEATLAKKR	1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	*	4.17	*	*	*	1	3	M[147]LKMAEPIASLM[147]IVEC[339]RAC[339]LR	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	9.77	1.20	0.00	1	1	2	YLVLFYPLDFTFVC[339]PTEIVAFSDK	1

PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	7.48	1.44	0.00	2	1	2	GVLFVPGAFTPGC[339]SK	1
							2	GVLFVPGAFTPGC[330]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	0.00	3.32	1.19	0.08	2	3	3	KWLEQVAATGVLLHC[339]QSLSPATVK	1
							2	C[330]IMQATDIMR	1
							2	DAYVMIAEKGEKLYHMM[147]MNK	1
PRIC1_HUMAN (Q96MT3) Prickle-like protein 1 (REST/NRSF-interacting LIM domain protein 1) [MASS=94300]	0.00	2.65	0.94	0.00	1	1	2	TC[330]SLGEDVHASDSSDSAFQSAR	1
PSL2_HUMAN (Q8TCT8) Signal peptide peptidase-like 2A (EC 3.4.23.-) (Protein SPP-like 2A) (Protein SPPL2a) (Intramembrane protease 3) (IMP3) (Presenilin-like protein 2) [MASS=58143]	0.00	4.42	0.43	0.00	1	1	3	KGQPALLYLVPC[330]TLITASVVAWR	1
PTPS_HUMAN (Q03393) 6-pyruvoyl tetrahydrobiopterin synthase (EC 4.2.3.12) (PTPS) (PTP synthase) [MASS=16386]	0.00	8.28	1.38	0.00	1	1	2	C[339]NPNNGHGHNYK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	2.02	0.25	0.00	2	2	3	RIVLVDDREC[330]PVR	2
							2	FC[330]DNSSAIQGKEVR	1
PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.98	0.76	1.43	0.00	1	1	1	AGTHILC[339]IK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	2.74	1.10	0.00	1	1	1	ALIHSAC[330]VK	1

RB3GP_HUMAN (Q15042) Rab3 GTPase-activating protein catalytic subunit (RAB3 GTPase-activating protein 130 kDa subunit) (Rab3-GAP p130) (Rab3-GAP) [MASS=110392]	0.84	3.88	1.03	0.00	1	2	3	KAENPQC[339]LLGDFVTEFFKIC[339]R	1
							2	AENPQC[330]LLGDFVTEFFK	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	0.00	1.38	0.06	0.00	1	1	2	DQKLEMENIM[147]HSQNC[330]EIKELK	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	*	1.13	*	*	*	1	2	FDESTTGSNFSFKSALSLSK	1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	0.00	2.91	0.53	0.00	1	1	3	EFGC[330]AKTLYISDADK	1
RDH1_HUMAN (Q92781) 11-cis retinol dehydrogenase (EC 1.1.1.105) (11-cis RDH) [MASS=34979]	0.00	7.55	1.62	0.00	1	1	2	GRVINITSVLGRLAANGGGYC[339]VSK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	0.95	*	*	*	1	2	LKEGGYR	1
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	*	0.57	*	*	*	1	2	PKDSSC[339]R	3
RFC4_HUMAN (P35249) Replication factor C subunit 4 (Replication factor C 37 kDa subunit) (RF-C 37 kDa subunit) (RFC37) (Activator 1 37 kDa subunit) (A1 37 kDa subunit) [MASS=39681]	0.00	7.71	0.50	0.00	1	2	2	IDGVFAAC[330]QSGSFDK	1
							2	IIEPLTSRC[339]SKFR	1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	0.00	5.59	*	*	*	1	2	LVILDEADAM[147]TQDAQNALR	1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	0.00	2.21	0.29	0.00	1	1	3	AERVVEEMQSGGIFNMIFENPSLC[330]ASNSEPLK	1

RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	*	10.14	*	*	*	1	3	MQEPSAHTFDDAQLQIYTLM[147]HR	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.98	7.25	1.09	0.00	1	1	2	HFC[339]PNVPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.99	7.14	0.93	0.00	1	1	2	HFC[339]PNVPIILVANK	1
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	0.00	8.90	*	*	*	2	3 2	MEAPAAGLFLLLLGTWAPAGSASSEAPPLINEDVK VSEM[147]QKLDQVKELVLK	1 1
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	*	2.91	*	*	*	1	2	DLYTGLKAGLTLETRLQIALDVVEGIR	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	0.00	7.41	0.34	0.00	1	1	3	FSVC[330]VLGDQQHC[330]DEAK	1
RNP6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	*	0.72	*	*	*	1	2	LETHASM[147]R	2
RNF31_HUMAN (Q96EP0) RING finger protein 31 (Zinc in-between-RING-finger ubiquitin-associated domain protein) [MASS=119651]	0.00	2.33	1.95	0.00	1	1	3	RM[147]NDPEYQAQGLAM[147]YLQENGIDC[330]PK	1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	0.00	9.24	1.11	0.00	1	2	3 2	LAEIQDVPEEFLDPITLEIMPC[339]PM[147]LLPSGK LTRGQLQHLGTRGSNTSWR	1 1
RORA_HUMAN (P35398) Nuclear receptor ROR-alpha (Nuclear receptor RZR-alpha) [MASS=63035]	0.00	5.04	1.07	0.00	1	1	3	RIDGFM[147]ELC[339]QNDQIVLLKAGSLEVVFIR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.04	*	*	*	4	3 3 2 3	AQM[147]EPGSAVGALC[330]AQSIGEPGTQM[147]TLK ETDVAKKTSHIC[339]FGM[147]K EVEPLLGR GEDLC[330]ANDSYVTIQNSELMMSGMDKGTLGSGSK	1 1 1 1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	*	7.27	*	*	*	1	2	STPRM[147]SPQAREDQLQR	1

RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	0.00	18.75	*	*	*	2	3	GAPPPGM[147]M[147]GPPPGMRPPMGPPMGIPPGR	1
							2	AFDKHM[147]NLILC[339]DC[339]DEFR	1
RSMN_HUMAN (P63162) Small nuclear ribonucleoprotein-associated protein N (snRNP-N) (Sm protein N) (Sm-N) (SmN) (Sm-D) (Tissue-specific-splicing protein) [MASS=24614]	0.00	12.50	3.60	0.00	1	2	2	ATPPPGIMAPPPGMR	1
							2	PPPPGIRGPPPPGMR	2
RT32_HUMAN (Q9Y6G3) Mitochondrial 28S ribosomal protein S32 (S32mt) (MRP-S32) [MASS=16661]	0.00	14.08	0.73	0.00	1	1	3	TILKHLFPVQNGALYC[330]VC[330]HK	1
RTEL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	0.00	2.21	0.47	0.00	1	2	3	KIAERAQGELFPDR	2
							3	VIRHRQDYGAVFLC[330]DHR	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.00	1.80	0.63	0.00	1	1	2	YTDC[330]LQFYVNSTLK	1
RUNX1_HUMAN (Q01196) Runt-related transcription factor 1 (Core-binding factor, alpha 2 subunit) (CBF-alpha 2) (Acute myeloid leukemia 1 protein) (Oncogene AML-1) (Polyomavirus enhancer-binding protein 2 alpha B subunit) (PEBP2-alpha B) (PEA2-alpha B) (SL [MASS=48796])	*	7.73	*	*	*	1	3	VVALGDVPDGLVTVM[147]AGNDENYSAELRNATAAM[147]K	1
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	30.48	1.19	0.01	3	1	3	KLDTNSDGQLDFSEFLNLIGGLAMAC[330]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAMAC[339]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[339]HDSFLK	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	0.91	0.65	0.00	1	3	3	SIPPLFSGRESHKTSSK	1
							2	LGFEAGC[339]K	1
							2	SDHVAAC[330]LR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	6.82	1.29	0.01	2	2	3	THFFLNAGNLC[339]NLNYGEGPK	1
							2	IC[339]JGVQFGAGIR	1
SAMH1_HUMAN (Q9Y3Z3) SAM domain and HD domain-containing protein 1 (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5) [MASS=72200]	*	2.24	*	*	*	1	2	EVASAKPKVLLDVK	1

SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	11.45	1.14	0.02	7	3	1	GC[339]SFLPDPYQK	1
							3	QC[339]DQFVAEYEPVLEILVEVM[147]DPSFVC[339]LK	2
							2	GC[339]SFLPDPYQK	1
(Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	11.45	1.14	0.02	7	3	3	KHEVPAKSDVYC[330]EVC[330]EFLVK	1
							2	GC[330]SFLPDPYQK	3
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	*	9.09	*	*	*	1	2	EIFGLYGQTTGKGNVTLK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	*	5.83	*	*	*	1	3	FFNSLNEATMVLVSWIMWYVPVGIMFLVGSK	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	*	1.41	*	*	*	1	1	AALSATVPR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.11	0.10	5	3	3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
							2	STGC[339]DFAVSPK	1
							2	C[330]TLPLTGK	1
							1	C[330]TLPLTGK	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	*	4.83	*	*	*	1	2	DSLEKQEESITVQTM[147]M[147]NTLR	1
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	0.00	3.37	0.97	0.00	1	2	2	GSAVC[339]M[147]YSM[147]SDVR	1
							2	DPYC[330]AWDGSAC[330]SR	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	0.00	1.54	0.08	0.00	1	1	3	IPYPRPGTC[330]PSK	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.95	2.71	0.97	0.00	1	1	2	AHC[339]IQQM[147]TSK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	3.20	0.93	0.04	2	1	2	ADTLTPEEC[330]QQFKK	1
							2	ADTLTPEEC[339]QQFKK	1

SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	0.88	3.01	1.26	0.00	1	1	2	NAGNC[330]LSPAVIVGLLK	1
SES1_HUMAN (Q9Y6P5) Sestrin-1 (p53-regulated protein PA26) [MASS=56557]	0.00	4.47	0.30	0.00	1	1	3	LAAAANEAYTAPLAVSGLLGCC[330]K	1
SETB2_HUMAN (Q96T68) Probable histone-lysine N-methyltransferase, H3 lysine-9 specific (EC 2.1.1.43) (Histone H3-K9 methyltransferase) (H3-K9-HMTase) (SET domain bifurcated 2) (Chronic lymphocytic leukemia deletion region gene 8 protein) [MASS=81854]	0.00	3.48	1.37	0.00	1	2	3 2	C[330]HFQRRHAK SRC[339]NQATTLDNQNIKK	1 1
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	*	0.44	*	*	*	1	1	RHSPR	1
SFRP4_HUMAN (Q6FHJ7) Secreted frizzled-related protein 4 precursor (sFRP-4) (Frizzled protein, human endometrium) (FrpHE) [MASS=39827]	*	3.76	*	*	*	1	3	WIDITPDM[147]MVQER	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.98	14.02	*	*	*	2	2 3	FVPFAAVAAANC[330]JINIPLM[147]R MILIGRMSAQVPMNMTITGC[339]M[147]MTFYR	1 1
SFXN3_HUMAN	0.98	7.79	1.14	0.00	1	1	2	IC[339]M[147]AIPAM[147]AIPPLIM[147]DTLEKKDFLK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.00	6.56	1.00	0.00	1	2	3 3	ATPQHTVSFTC[339]ESHGFSPR AKPSAPVVSGPAAR	1 1
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045])	*	5.41	*	*	*	1	2	SM[147]AGSGHNVSQEALAIKR	1
SIAL_HUMAN (P21815) Bone sialoprotein-2 precursor (Bone sialoprotein II) (BSP II) (Cell-binding sialoprotein) (Integrin-binding sialoprotein) [MASS=35018]	*	7.57	*	*	*	1	3	MKTALILLSILGMAC[330]AFSM[147]KNLHR	1

SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.33	4.77	1.08	0.00	1	1	3	ATPEHTVSFTC[339]ESHGFSPR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	*	4.00	*	*	*	1	3	GAPLSSAPILGGWFGR	1
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	0.00	2.27	0.34	0.00	1	1	2	ELKC[330]ETPVQFANIELKSLK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	1.64	*	*	*	1	3	KFTC[330]QGPVDVNILAKC[330]NPC[330]LSNPC[339]K	1
SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	*	1.21	*	*	*	1	1	RSGLVR	1
SMBT1_HUMAN (Q9UJH3) Scm-like with four MBT domains protein 1 (Renal ubiquitous protein 1) [MASS=98141]	0.00	4.39	0.77	0.00	1	2	2 2	ELQLDKDSVWHGC[330]GEVLK RSFVC[330]HADSPGIFPVQWSLK	1 1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	*	2.01	*	*	*	1	2	KIAVVQPEKQLPPTVPVK	1

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]

0.00 0.61 17.56 0.00 1 1

SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]

* 0.77 * * * 2

2 GIIPQLFSR

4

2 DEEAALADGEDVPYENSVR

1

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]

* 2.58 * * * 2

3 FIVKDSVEENM[147]LK

1

2 VNNVNGNQVGHKLK

1

SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]

0.30 1.72 0.18 0.88 3 2

1 PVSFR

1

2 AGGALC[330]HILGAAYK

3

SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	3.48	*	*	*	1	3	LSGC[330]QRDAESFLWAEHAVVGEIADGLAR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	4.70	1.62	0.00	1	1	2	AALC[330]HFIVDELNAK	1
SNX13_HUMAN (Q9Y5W8) Sorting nexin-13 (RGS domain- and PHOX domain-containing protein) (RGS-PX1) [MASS=112188]	0.00	0.83	*	*	*	1	1	KVYELMLR	1
SNX22_HUMAN (Q96L94) Sorting nexin-22 [MASS=22068]	0.00	7.25	0.98	0.00	1	1	2	SHM[147]VFRVEVLC[339]SGR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.99	10.10	0.74	0.00	1	1	3	C[330]LTQSGIAGGYKPFNLETC[330]JR	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	6.68	*	*	*	3	3	DKEDPQEMPHSPLGSM[147]PEIR	1
							3	EYPNLVTIYRSFKR	1
							3	PKSDTVDFHC[330]SK	1
SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	18.39	1.08	0.00	1	2	3	LVDC[330]KVSAQKLLSLEK	1
							3	GFVDLSDSTQVNNYWALNLTSM[147]LC[330]LTSSVLK	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	*	9.32	*	*	*	1	3	RM[147]ALLVQELSSHRWDAADDIHR	1
SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	0.00	6.74	0.45	0.00	1	3	3	ISFWLLENGFSVLIAAC[330]DTFR	1
							1	PVRSMIETR	1
							1	SLNAKAVVAALM[147]K	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.92	3.74	1.34	0.00	1	2	1	AAYE AFC[339]R	1
							3	RVYGDIIHTPAK	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.74	0.93	0.11	3	3	2	YSTHLHLAEDC[339]M[147]K	1
							2	AAHVFFTDSC[330]PDALFNELVK	1
							1	LAEQIATLC[330]ATLK	1

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	*	7.21	*	*	*	1	3	IIC[330]QGFTGKQGTFFHSQQALEYGTK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	1.00	8.21	1.31	0.07	4	3	2 ILAC[339]DDLDEAAR 2 ILAC[330]DDLDEAAR 2 IC[339]NQVLVC[339]ER 3 GYVAKSPDEAYAIKK 2 MDHKTQHHR 1 VNPSSYSR	2 1 1 1 1 8	
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	*	1.74	*	*	*	2			
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.99	4.83	1.09	0.00	1	1	2 LC[330]LISTFLEDGIR	1	
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	1.00	6.30	0.81	0.02	2	3	2 GSLVAPDRLR 2 NVGC[330]LQEALQLATSFAQLR 3 GGGKDVSAQATGKNVGC[330]LQEALQLATSFAQLR 2 NVGC[339]LQEALQLATSFAQLR	1 1 1 1	
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.96	3.16	1.49	0.00	1	2	2 FIPGSALNGM[147]VEMMDRR 2 SC[339]QTALVEILDVIVR	1 1	
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	0.00	4.96	*	*	*	2	3 QSRPVAGGPGAPPAARPPASPSPQR 2 MGHAHSGM[147]GK	1 1	
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	*	0.70	*	*	*	4	3 RIAEIEIVKEEFNEHLEVVDK 2 QVDSVLKHVKK 1 ELESYMM[147]JR 1 GQAE LQM[147]K	1 1 1 1	

SYNJ1_HUMAN (O43426) Synaptojanin-1 (EC 3.1.3.36) (Synaptic inositol-1,4,5-trisphosphate 5-phosphatase 1) [MASS=173345]	*	1.59	*	*	*	2	2	PPPPRPVAPPTR	1
							2	RPPPPRPVAPPTR	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	8.95	1.01	0.06	3	2	3	M[147]ATDPENIIKEM[147]PVC[330]R	1
							2	LHQVYFDAPTC[339]R	1
							1	LHQVYFDAPTC[339]R	1
							2	LHQVYFDAPTC[330]R	1
SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	*	2.95	*	*	*	1	2	RLLLSRVFQPQNL	1
SYT14_HUMAN (Q8NB59) Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV) [MASS=62288]	*	4.50	*	*	*	1	3	YSPLSAEYDGYSSSEASIDEGNC[330]IQR	1
T2R60_HUMAN (P59551) Taste receptor type 2 member 60 (T2R60) (T2R56) [MASS=36336]	*	2.83	*	*	*	1	2	ALLTTSRFR	1
TACT_HUMAN (P40200) T-cell surface protein tactile precursor (CD96 antigen) [MASS=63887]	0.00	2.46	0.45	0.00	1	1	2	YC[339]AVYYIIQHFVK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	0.00	5.26	1.29	0.00	1	3	2	QVPKSLC[339]QYAHPLALHTVR	1
							2	DQGSTMILK	1
							2	EPC[330]DVAPSSR	1
							2	SIQFVDWC[330]PTGFK	2
							2	YMAC[339]C[339]LLYR	1
							2	TIGGGDSSFTTFFC[330]ETGAGK	2
							2	YMAC[330]C[330]LLYR	1
							3	AYHEQLSVAEITNAC[330]FEPANQMVK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	25.00	1.07	0.10	10	6	2	SIQFVDWC[339]PTGFK	3
							2	YM[147]AC[339]C[339]LLYR	2
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
							2	YM[147]AC[330]C[330]LLYR	2
							2	RSIQFVDWC[339]PTGFK	1
							3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
							2	TIGGGDSSFTTFFC[339]ETGAGK	1

TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	2.89	*	*	*	1	2	TIQFVDWC[330]PTGFK	1
							1	TIQFVDWC[339]PTGFK	1
							2	TIQFVDWC[339]PTGFK	1
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.14	0.06	9	1	3	LADQC[339]TGLQGFLVFHSGGGTGSFGFTSLLM[147]ER	1
							2	LADQC[339]TGLQGFLVFHSGGGTGSFGFTSLLM[147]ER	1
							3	LADQC[339]TGLQGFLVFHSGGGTGSFGFTSLLMER	2
							3	LADQC[330]TGLQGFLVFHSGGGTGSFGFTSLLM[147]ER	2
							1	NMM[147]AAC[339]DPR	1
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	29.66	*	*	*	6	3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	NM[147]MAAC[339]DPR	1
							1	TAVC[330]DIPPR	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							2	NM[147]M[147]AAC[330]DPR	2
							3	ALTVPELTQQM[147]FDAKNM[147]MAAC[339]DPR	1
							2	TAVC[330]DIPPR	3
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	1
							2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							2	TAVC[339]DIPPR	5
							2	NM[147]M[147]AAC[339]DPR	1
3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1							
3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1							

								2	EIVHIQAGQC[339]GNQIGAK	2
								2	EIVHIQAGQC[330]GNQIGAK	1
								2	M[147]REIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[339]GNQIGAK	2
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	11.49	1.11	0.07	31	3		3	MREIVHIQAGQC[330]GNQIGAK	2
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								3	MREIVHIQAGQC[339]GNQIGAK	2
								2	ALTVPELTQQVFDK	1
TBB4_HUMAN	1.00	4.05	*	*	*	1		3	GRM[147]SMKEVDEQM[147]LSVQSK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	1.35	*	*	*	1		1	GPM[147]SM[147]K	1
TBC14_HUMAN (Q9P2M4) TBC1 domain family member 14 [MASS=76626]	0.35	3.10	1.51	0.00	1	1		2	AFQSAC[339]ALPSC[339]APPAPSSTER	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	*	5.78	*	*	*	1		3	M[147]ESVSC[339]SAAAVRTGDMESQR	1
TBX15_HUMAN (Q96SF7) T-box transcription factor TBX15 (T-box protein 15) [MASS=65757]	0.00	2.82	1.55	0.00	1	1		3	ESQLC[339]NLNLSDYPPC[339]AR	1
TCOF_HUMAN (Q13428) Treacle protein (Treacher Collins syndrome protein) [MASS=144311]	*	0.78	*	*	*	1		2	AEEDAALQAKK	1
TCPZ_HUMAN (P40227) T-complex protein 1 subunit zeta (TCP-1-zeta) (CCT-zeta) (CCT-zeta-1) (Tcp20) (HTR3) (Acute morphine dependence-related protein 2) [MASS=57893]	0.64	6.23	1.13	0.00	1	2		2	VC[339]GDSKGFVVINQK	1
								3	SVTLLIKGPNKHTLTQIK	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.28	2.65	2.68	0.00	1	2		3	LQVYC[339]DMTTDGGGWIVFQR	1
								3	ITFTPSSGIASEVTPK	1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	0.95	7.70	1.29	0.00	1	3		2	QAAPC[330]VLFFDELDSIAK	1
								3	EDEEESLNEVGYDDIGGC[339]RK	1
								3	DVDLEFLAKMTNGFSGADLTEIC[330]QR	1

TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.25	*	*	*	3	3	KDTEDRITWK	1
							1	MAHIR	2
TF2AY_HUMAN (Q9UNN4) TFIIA-alpha and beta-like factor (General transcription factor II A, 1-like factor) [MASS=52445]	0.00	2.72	0.25	0.00	1	1	3	PGILGVNHTPILPAHSETC[330]K	1
							3	NRM[147]YGC[330]DSVKQPR	1
TF3C4_HUMAN (Q9UKN8) General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor III C subunit delta) (TF3C-delta) (TFIIIC 90 kDa subunit) (TFIIIC 90) [MASS=92001]	*	1.34	*	*	*	1	2	C[339]LLAALTMDNR	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	6.55	0.00	1	1	3	GITTEQLDALGC[339]R	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	2.81	4.94	0.00	1	1	2	IHMGC[339]AENTAK	1
THUM1_HUMAN (Q9NXG2) THUMP domain-containing protein 1 [MASS=39315]	0.00	7.93	0.63	0.00	1	2	1	LESADK	1
							3	KC[330]VEEAYSLLENEYGDDM[147]YGPEK	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	1.00	8.70	0.93	0.05	4	1	2	VTSLTAC[339]LVDQSLR	1
							2	VTSLTAC[330]LVDQSLR	3
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	0.00	2.14	0.85	0.00	1	2	2	C[330]YLASLQGGELPNPKR	1
							3	QHSYTSNGPTFM[147]ETASFK	1
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	0.00	2.22	0.66	0.00	1	2	2	DIGKPEVEYDC[330]DNLQHSKK	1
							1	TLSFK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	*	16.84	*	*	*	1	3	MEGGFGSDFGSGSGK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.87	17.98	1.01	0.00	1	1	3	LTETC[339]FLDC[339]VKDFTR	1

TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	0.00	1.89	1.19	0.00	1	1	2	IYQC[330]SPPYR	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.00	2.20	*	*	*	3	2	RVAGAVTELIQAAEAMK	1
							3	VPEAQTGQASDYGLFLSDEDPRK	1
							3	GAAANPENEDQQQLR	1
TNR16_HUMAN (P08138) Tumor necrosis factor receptor superfamily member 16 precursor (Low-affinity nerve growth factor receptor) (NGF receptor) (Gp80-LNGFR) (p75 ICD) (Low affinity neurotrophin receptor p75NTR) (CD271 antigen) [MASS=45183]	0.00	3.75	2.00	0.00	1	1	2	EAC[339]PTGLYTHSGEC[339]C[339]K	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	0.99	6.74	1.07	0.00	1	3	1	EANVKLRANALIK	1
							3	SEM[147]EM[147]AHLYSLC[339]DAAHAQTEVAK	1
							1	RNSER	1
TOPB1_HUMAN (Q92547) DNA topoisomerase 2-binding protein 1 (DNA topoisomerase II-binding protein 1) (DNA topoisomerase IIbeta-binding protein 1) (TopBP1) [MASS=170677]	0.00	2.56	0.73	0.00	1	2	3	HGGQYMGQLKMNEC[330]THLIVQEPKGQK	1
							2	M[147]NEC[330]THLIVQEPK	1
TR19L_HUMAN (Q969Z4) Tumor necrosis factor receptor superfamily member 19L precursor (Receptor expressed in lymphoid tissues) [MASS=46092]	0.00	5.12	1.59	0.00	1	1	3	VPC[330]QPC[330]SWAPLGTHGC[330]DEWGRR	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	0.21	3.19	1.06	0.00	1	2	2	LQEFC[339]NSMAK	1
							2	LLGKTDVQR	2
TRI10_HUMAN (Q9UDY6) Tripartite motif-containing protein 10 (RING finger protein 9) (B30-RING finger protein) [MASS=55036]	0.00	6.24	0.20	0.00	1	1	3	EM[147]KM[147]FLEKLC[330]FELDYEPAHISLDPQTSHPK	1
TRI48_HUMAN (Q8IWZ4) Tripartite motif-containing protein 48 (RING finger protein 101) [MASS=43408]	0.00	9.07	0.59	0.00	1	2	3	ASLWFLSSEEQMC[339]GIHRETK	1
							2	M[147]QSLWEKAC[339]JENQR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	3.09	*	*	*	1	2	GRLPQLSAAIALVGGISQQLQER	1

TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	0.43	0.52	0.00	1	1	2	AEKYMSNVDSWC[330]K	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	0.00	2.14	1.74	0.00	1	2	3 2	HRDFIAHTC[330]SQM[147]LLTDM[147]WM[147]GR RATIAISSQEGDNSER	1 1
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	*	3.75	*	*	*	2	3 3	SKTDLLVNDNPDPAPLSPELQDFK KDFSSKGAEDNMVTSYNC[330]QFC[339]DFR	1 1
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	*	2.25	*	*	*	7	3 2 2 1	TFEQALTGAFMSAVIKDLR C[330]ATPLKDEER NYSIAQK NNSLHDM[147]K	1 1 1 2
TRYA1_HUMAN (P15157) Tryptase alpha-1 precursor (EC 3.4.21.59) (Tryptase-1) [MASS=30772]	0.00	4.36	0.19	0.00	1	1	3	VPIMENHIC[330]DAK	1
TRYG1_HUMAN (Q9NRR2) Tryptase gamma precursor (EC 3.4.21.-) (Transmembrane tryptase) [Contains: Tryptase gamma light chain; Tryptase gamma heavy chain] [MASS=33827]	0.00	6.23	4.81	0.00	1	1	2	MALGAC[339]GLLLLLAVPGVSLR	1
TS1R2_HUMAN (Q8TE23) Taste receptor type 1 member 2 precursor (G-protein coupled receptor 71) (Sweet taste receptor T1R2) [MASS=95072]	0.00	2.86	1.50	0.00	1	1	3	DIC[339]IAFQETLPTLQPNQNMSEER	1
TSPY1_HUMAN (Q01534) Testis-specific Y-encoded protein 1 [MASS=35126]	0.00	9.42	0.81	0.00	1	1	3	HHNSLNFFNWFSHDHFAGSNKIAEILC[330]K	1
TTC17_HUMAN (Q96AE7) Tetratricopeptide repeat protein 17 (TPR repeat protein 17) [MASS=129558]	0.00	4.29	1.56	0.00	1	3	2 3 2	C[339]PEC[339]ENSLK LIQEEQILRNIIHETQM[147]AKEAQLGNHQIC[330]R NISGALEAFR	1 1 1
TYPH_HUMAN (P19971) Thymidine phosphorylase precursor (EC 2.4.2.4) (TdRPase) (TP) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (Gliostatin) [MASS=49955]	*	3.32	*	*	*	1	3	ELAKTLVGVGASLGLR	1

TYRO_HUMAN (P14679) Tyrosinase precursor (EC 1.14.18.1) (Monophenol monooxygenase) (Tumor rejection antigen AB) (SK29-AB) (LB24-AB) [MASS=60393]	0.00	2.27	0.46	0.00	1	1	2	FGFWGPNC[330]TERR	1
UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl-terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	0.00	3.18	1.89	0.00	1	1	3	QWLNKFKTFAEPGPISNNDFLC[339]IHGGVPPR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.29	5.71	0.17	0.00	1	3	3	KSRPSSTSSASALYGQPLLSVPK	1
							2	QM[147]WGRDAHVAPSM[147]FK	1
							2	HKLTLESYQAVC[330]DR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	0.00	9.87	2.74	0.00	1	1	3	QTIGNSC[339]GTIGLIHAVANNQDK	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	9.91	1.11	0.00	1	2	2	FLLSGC[330]AATVAELATFPLDLTK	1
							2	VQM[147]QM[147]EGKRK	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	37.36	0.95	0.16	9	3	2	LELC[330]DER	1
							2	SHTEEDC[339]TEELFDFLHAR	1
							2	LELC[339]DER	1
							3	SHTEEDC[339]TEELFDFLHAR	1
							2	ERLELC[330]DER	1
2	ERLELC[339]DER	2							
UGPA1_HUMAN (Q07131) UTP--glucose-1-phosphate uridylyltransferase 1 (EC 2.7.7.9) (UDP-glucose pyrophosphorylase 1) (UDPGP 1) (UGPase 1) [MASS=56818]	0.00	3.75	0.29	0.00	1	2	2	LNGGLGTSMGC[330]JK	2
							1	KDLGFR	1

ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	0.00	3.19	5.47	0.00	1	3	3	EC[339]AHC[339]LLVQGSESRQRAEQQSK	1
							1	HLGSSPR	1
							1	KLTEK	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	11.25	1.20	0.05	4	3	3	NALVSHLDGTTTPVC[339]EDIGR	1
							2	NALVSHLDGTTTPVC[339]EDIGR	1
							2	LC[339]TSATESEVAR	2
							3	YIYDQC[330]PAVAGYGPIEQLPDYNR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.06	0.00	2	1	2	NALANPLYC[330]PDYR	1
							2	NALANPLYC[339]PDYR	1
URP1_HUMAN (Q9BQL6) Unc-112-related protein 1 (Kindlin-1) (Kindlerin) (Kindlin syndrome protein) [MASS=77436]	0.00	6.65	1.97	0.00	1	2	3	GKTM[147]ADSSYQPEVLNLSFLR	1
							3	NSASQVASSLENM[147]DM[147]NPEC[339]FVSPR	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.90	4.38	1.17	0.00	1	2	3	YMRALDEYYDKHFTEFVPLR	1
							1	C[339]LGNPER	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	6.04	*	*	*	2	3	IPIFSAAGLPHNEIAAQIC[339]R	1
							3	IPIFSAAGLPHNEIAAQIC[330]R	1
							2	VFNGSGKPDK	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	2.35	0.93	0.07	3	1	2	KTSC[339]EFTGDILR	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	1.48	*	*	*	1	2	YMQKMG[M147]TEDDKR	1

								2	YQIDPDAC[339]FSAK	4
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	1.03	0.12	8	2	3	EHINLGC[330]DMDFDIAGPSIR	1	
							2	EHINLGC[330]DM[147]DFDIAGPSIR	1	
							2	YQIDPDAC[330]FSAK	1	
							2	EHINLGC[339]DM[147]DFDIAGPSIR	1	
							2	YKWC[330]EYGLTFTEK	1	
							2	SC[330]SGVEFSTSGSSNTDTGK	1	
							2	WC[339]EYGLTFTEK	2	
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	12.39	1.06	0.17	7	3	2	WC[330]EYGLTFTEK	3	
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	8.83	1.45	0.09	2	2	2	GYGFGMVKIDLKTK	1	
							2	VC[339]NYGLTFTQK	2	
VGLL2_HUMAN (Q8N8G2) Transcription cofactor vestigial-like protein 2 (Vgl-2) (Protein VITO1) [MASS=33426]	0.00	5.99	0.75	0.00	1	1	2	LATAPAPAGSPPC[330]ELSGK	1	
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.94	5.26	1.14	0.00	1	1	2	GFLKDC[330]PSGR	1	
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	0.95	3.35	0.86	0.00	1	1	3	SEEM[147]TLAQLFLQSEAYC[330]C[330]VSELGELGK	1	
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	3.91	2.08	0.00	1	5	3	AVVILVTDVSVDSVDAADAARSNRVTVFPIGDR	1	
							3	QHSDPC[330]ALNPRM[147]TR	1	
							3	PC[330]EDSC[330]RSGFTYVLHEGEC[330]C[339]GR	1	
							3	LVSVPYVGGNMEVNVYGAIM[147]HEVR	1	
							2	C[339]LPSAC[339]EVVTGSPR	1	
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	*	1.56	*	*	*	1	2	DC[330]GAILENM[147]KQFSEAAQLYEK	1	
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	0.00	1.34	0.96	0.00	1	1	2	C[330]ALGGQGLEVYNWYD	1	

WISP3_HUMAN (O95389) WNT1-inducible signaling pathway protein 3 precursor (WISP-3) [MASS=39293]	*	3.95	*	*	*	1	3	KQFC[330]HWPC[339]KC[339]PQQK	1
WWC3_HUMAN (Q9ULE0) WWC family member 3 [MASS=114908]	0.00	3.69	0.87	0.00	1	2	3 2	RISAC[339]LSDYSLASDSGVFEPLTK RDLM[147]HSLAKLTDSFK	1 1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	*	1.43	*	*	*	1	3	DGGC[339]C[339]GGDGNPNC[330]C[339]M[147]NQK	1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	4.45	*	*	*	1	3	GEEQFSSGSPFETISASGLNAALAHYSPTK	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	0.00	1.03	1.35	0.00	1	1	3	TKGFEVYLAEMSADNQTC[339]GK	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	2.82	*	*	*	2	3 3	AC[339]DKSFHFYC[339]RLK EM[147]IVKC[330]FEGEGGHSFQRILGK	1 1
ZBTB8_HUMAN (Q8NAP8) Zinc finger and BTB domain-containing protein 8 [MASS=55562]	0.00	2.93	1.51	0.00	1	1	2	C[339]PFC[339]PYTAKQKGILK	1
ZFP14_HUMAN (Q9HCL3) Zinc finger protein 14 homolog (Zfp-14) [MASS=63463]	*	2.63	*	*	*	1	3	STLSQHLRIHTGEK	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	0.56	*	*	*	1	1	KDPQR	1
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE-containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	*	1.16	*	*	*	1	3	QERLRNHER	2

ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	0.00	3.93	0.85	0.00	1	2	3	DDGSIGRDPSPM[147]SAITSLTVDSVISSQGTDCG[330]PAVK GMHAVGQSEIVILLQC[339]LPDEK	1 1
ZMY11_HUMAN (Q15326) Zinc finger MYND domain-containing protein 11 (Adenovirus 5 E1A-binding protein) (BS69 protein) [MASS=66203]	0.00	6.23	0.15	0.00	1	3	2	QLSLAVKDGIVETLTVGC[339]K C[330]LSDEFR EDNQVDVR	1 1 1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.47	0.73	0.19	0.00	1	1	2	RLVLSESC[330]SR	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	0.00	3.41	5.49	0.00	1	4	1	HMATHM[147]SMK 3 LHTGVRPFAC[339]PHC[339]DK 3 SRPEVITFTEETAQLAK 3 VHSEVKNGPTYNC[330]TEC[330]SC[330]VFK	1 1 1 1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	5.27	*	*	*	1	3	VHTGTRPYM[147]C[339]SEC[330]GKSFSQSC[330]HLIK	1
ZN263_HUMAN (O14978) Zinc finger protein 263 (Zinc finger protein FPM315) [MASS=77298]	*	3.37	*	*	*	1	3	IHTGEKPYTC[339]HEC[330]GDSFSHSSNR	1
ZN285_HUMAN (Q96NJ3) Zinc finger protein 285 [MASS=50042]	0.00	2.99	0.68	0.00	1	1	2	SLLC[330]IHQGVHTGK	1
ZN397_HUMAN (Q8NF99) Zinc finger protein 397 (Zinc finger and SCAN domain-containing protein 15) [MASS=61139]	0.00	1.69	1.17	0.00	1	1	2	IHTGEKAC[330]K 2 IHTGEKAC[339]K	1 1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	3.09	*	*	*	2	3	M[147]YNC[330]PKC[330]DYGTNPVEFR 3 PYRC[339]PWC[330]DYRSNC[339]AENIR 3 NFELVGRVNLQLEQM[147]K 3 IVSLLSSHSHSSQK	1 1 1 3
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	0.00	3.05	1.08	0.00	1	3	2	C[330]ALC[330]AYTNPIR	1
ZN471_HUMAN (Q9BX82) Zinc finger protein 471 (EZFIT-related protein 1) [MASS=73009]	*	1.76	*	*	*	1	2	EPWEM[147]TSEMTR	1
ZN518_HUMAN (Q6AHZ1) Zinc finger protein 518 [MASS=166781]	*	0.81	*	*	*	1	3	MSAKILNFSC[339]LK	1

ZN540_HUMAN (Q8NDQ6) Zinc finger protein 540 [MASS=77093]	0.00	3.64	0.25	0.00	1	2	3	TIHTGIKPFAC[330]K	1
							3	EPC[339]VWARDVTGR	5
ZN577_HUMAN (Q9BSK1) Zinc finger protein 577 [MASS=54156]	*	3.35	*	*	*	1	3	DSDAFGGYGRSC[330]LHIK	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	1.72	*	*	*	3	3	ISALQGKLSKLDYR	1
							1	QKHLEAADK	1
							2	KEKEQNEAEER	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	*	2.47	*	*	*	2	2	EPGRPRSSVTVSVK	1
							2	GNESDC[330]R	1
ZNF76_HUMAN (P36508) Zinc finger protein 76 [MASS=61830]	*	3.33	*	*	*	2	3	VHERAHTGDRPYR	1
							1	AHTGDR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	0.30	0.00	1	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1

Table 13. LAD Mitochondrial Study

Experiment 3

A = Protein Score

B = Percent Coverage

C = XPress H2L Ratio

D = XPress Std. Dev.

E = XPress Peptides

F = Unique Peptides

G = Charge

H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.73	11.43	0.98	0.00	1	2	2	YDDMASAM[147]K 2 ELETVC[330]NDVLSLLDKFLIK	1 1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	14.69	0.77	0.08	3	2	2	YLAEVAC[330]GDDRK 3 SIC[330]TTVLELLDKYLIANATNPESK 3 SIC[339]TTVLELLDKYLIANATNPESK	1 1 1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	*	6.53	*	*	*	1	3	LAEQAERYDDM[147]AAC[339]M[147]K	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.99	3.91	1.09	0.00	1	1	3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
5HT1F_HUMAN (P30939) 5-hydroxytryptamine 1F receptor (5-HT-1F) (Serotonin receptor 1F) [MASS=41709]	0.00	6.28	2.26	0.00	1	1	3	KAATTLGLILGAFVIC[339]WLPFFVK	1
5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase IB) (cN1B) (cN-IB) (Autoimmune infertility-related protein) [MASS=68803]	*	1.64	*	*	*	1	3	DMAYC[330]DTQLR	1
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	0.00	3.57	0.87	0.00	1	1	3	IKKVTHDMDMC[330]YGMMGSLFR	1

AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.13	0.09	6	4	2	NLDKEYLPIGGLAEFC[339]K	1
							2	NLDKEYLPIGGLAEFC[330]K	1
							1	VGAFTM[147]VC[339]K	1
							3	NLDKEYLPIGGLAEFC[339]K	1
							2	TC[339]GFDFTGAVEDISK	1
							2	TC[330]GFDFTGAVEDISK	1
ABCBB_HUMAN (O95342) Bile salt export pump (ATP-binding cassette sub-family B member 11) [MASS=146392]	*	1.21	*	*	*	1	3	KPIIDC[339]M[147]SEDGYKLDR	1
ACCN1_HUMAN (Q16515) Amiloride-sensitive cation channel 1, neuronal (Amiloride-sensitive brain sodium channel) (Amiloride-sensitive cation channel neuronal 1) (Acid-sensing ion channel 2) (ASIC2) (Brain sodium channel 1) (BNaC1) (BNC1) (Mammalian degener [MASS=57709])	0.74	3.52	3.63	0.00	1	1	2	C[339]YMFNSGEDGKPLLTTVK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	7.82	0.84	0.08	3	4	2	C[339]TTDHISAAGPWLK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							2	C[330]TTDHISAAGPWLK	1
							3	WVIGDENYEGGSSR	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.45	0.13	3	2	3	LMC[330]PQEIVDYIADKKDVYE	1
							3	LM[147]C[339]PQEIVDYIADKK	1
							3	LM[147]C[330]PQEIVDYIADKKDVYE	1
ACSL6_HUMAN (Q9UKU0) Long-chain-fatty-acid--CoA ligase 6 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 6) (LACS 6) [MASS=77680]	*	1.00	*	*	*	1	1	LLSDDM[147]K	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	10.93	0.82	0.10	3	3	2	C[339]DVIDIRK	1
							3	C[330]PEALFQPSFLGMESC[330]GIHETTFSIM[147]K	1
							2	C[330]DVIDIR	1
ACTG_HUMAN	1.00	4.80	*	*	*	1	3	M[147]EEEIAALVIDNGSGMC[339]K	1

ADPPT_HUMAN (Q9NRN7) L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.-) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT) (LYS5 ortholog) [MASS=35776]	0.00	7.44	0.98	0.00	1	1	3	FC[339]LVPSM[147]EGVRWAFSC[339]GTWLPSR	1
							2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
							2	KGADIM[147]YTGTVDC[339]WR	1
							2	EFHGLGDC[339]IHK	1
							1	EFHGLGDC[339]IHK	1
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	17.85	1.60	0.02	4	3			
							2	EFHGLGDC[330]IHK	1
							1	EFHGLGDC[330]IHK	1
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	7.74	0.95	0.03	2	2	2	KGTDIM[147]YTGTLDLC[330]WR	1
							2	GLGDC[330]LVK	1
ADT3_HUMAN (P12236) ADP/ATP translocase 3 (Adenine nucleotide translocator 2) (ANT 3) (ADP,ATP carrier protein 3) (Solute carrier family 25 member 6) (ADP,ATP carrier protein, isoform T2) [MASS=32735]	0.00	6.40	*	*	*	1	2	LLLQVQHASKQIAADKQYK	1
AFF2_HUMAN (P51816) AF4/FMR2 family member 2 (Fragile X mental retardation 2 protein) (Protein FMR-2) (FMR2P) (Protein Ox19) (Fragile X E mental retardation syndrome protein) [MASS=144739]	*	2.82	*	*	*	2	2	DSHNPSTVLASQASGQPNK	1
							2	DWDLEQQC[330]HYEQDRSALK	1

AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	1.00	4.14	1.17	0.04	3	2	2	KNAPC[339]ILFIDEIDAVGR	1
							2	NAPC[339]ILFIDEIDAVGR	1
							2	NAPC[330]ILFIDEIDAVGR	1
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	0.00	1.42	2.34	0.00	1	1	3	NLEEVEFC[339]VEDKPGTHFTPVPPTPPDAC[339]R	1
AK1C1_HUMAN (Q04828) Aldo-keto reductase family 1 member C1 (EC 1.1.1.-) (20-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.149) (20-alpha-HSD) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) (High-affinity hepatic bile acid-binding protei [MASS=36788]	0.00	5.26	0.83	0.00	1	1	3	LWC[330]NSHRPELVRPALER	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia [MASS=453664]	*	1.10	*	*	*	2	3	MKSSVFDEDKTFVAETLEM[147]GEVVEK	1
							3	MGGQPAFTDLEVITNRPK	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.24	1.76	1.42	0.00	1	1	2	STC[339]TINYSK	1
AL9A1_HUMAN (P49189) 4-trimethylaminobutyraldehyde dehydrogenase (EC 1.2.1.47) (TMABADH) (Aldehyde dehydrogenase 9A1) (EC 1.2.1.3) (Aldehyde dehydrogenase E3 isozyme) (Gamma-aminobutyraldehyde dehydrogenase) (EC 1.2.1.19) (R-aminobutyraldehyde dehydrogen [MASS=53802]	0.00	4.66	0.57	0.00	1	1	3	REPLGVC[330]VGIGAWNYPFQIASWK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	0.98	2.79	0.99	0.00	1	1	2	SLHTLFGDKLC[330]TVATLR	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	13.35	1.05	0.00	2	3	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							3	GYFIQPTVFGDVQDGMTIAKEEIFGPVM[147]QILK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	11.85	1.25	0.00	1	2	3	RLQSIGTENTEENRR	1
							3	YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	*	0.37	*	*	*	1	1	MEQM[147]K	1
ANGL1_HUMAN (O95841) Angiopoietin-related protein 1 precursor (Angiopoietin-like 1) (Angiopoietin-3) (ANG-3) [MASS=56719]	0.31	2.24	0.69	0.00	1	1	2	C[330]AYTFLVPEQR	1
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	*	1.01	*	*	*	2	1	EIILETTTK	1
							2	EPGGSLSFLR	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	1.86	*	*	*	4	3	PEDLKELGDDSLPSSQFLDGMNYLR	1
							2	MFDELEQEAKQK	1
							2	ELMKAFQSGQDPSKHK	1
							3	HSPVSSTKTERHPPVSPSGK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.24	*	*	*	4	3	STSLKQTTVEETAVEREM[147]PNDVSK	1
							3	STC[330]VTTTTTTATTTTTTTTTTTTSC[339]TVKVRK	1
							2	DGKNATTDALTSVLTK	1
							3	VKEETHITTTTRM[147]VYHSPPGGEGASER	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	0.00	5.65	0.93	0.00	1	2	3	IAFWDDVYGFKM[147]SC[330]M[147]KK	1
							2	SEHQFNIDSMVHK	1
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	*	2.69	*	*	*	2	2	LLVDGLGNTK	1
							3	SGLLQGYEDKLRDPAVQSLLPGE[339]ER	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	*	3.12	*	*	*	2	1	YELT GK	1
							3	C[339]IRSTPEYFAERLFK	1
ANXA7_HUMAN (P20073) Annexin A7 (Annexin VII) (Synexin) [MASS=52739]	*	5.94	*	*	*	2	2	KAM[147]QGAGTQERVLIEILC[339]TR	1
							2	TSYGKDLIK	2

AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	1.00	8.16	0.99	0.05	4	3	2	KIC[339]ELYAK	1
							3	LNHPVTHVDQSSDNIIEITLNHEHYEC[339]K	1
							2	KIC[330]ELYAK	1
							1	IC[339]ELYAK	1
							2	IC[339]ELYAK	1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.90	7.32	1.35	0.00	1	2	3	SYPFGRGPFPPVWNPITYLDHNNFWRTMDDM[147]GR	1
							1	C[339]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	*	1.58	*	*	*	1	2	GEIFELKAELNSDKK	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	0.22	3.45	0.68	0.00	1	1	2	QSIAIDDC[339]TFHQ[339]VR	1
APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	*	1.90	*	*	*	4	2	DNQAKQNVGNGSVPM[147]RTVGLENR	1
							1	REVPKMK	1
							2	NPKDQEALWDMGAVSMLK	1
							1	SESASK	1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.89	6.35	0.82	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	*	12.20	*	*	*	1	3	NLGAPRGGLEPIAIGLLIIVIASLGLNSGC[339]AM[147]NPAR	1
AR6P1_HUMAN (Q15041) ARL-6-interacting protein 1 (ADP-ribosylation-like factor 6-interacting protein 1) (Aip-1) [MASS=23363]	0.95	4.93	0.63	0.00	1	1	2	FHEIC[339]SNLVK	1
ARBK1_HUMAN (P25098) Beta-adrenergic receptor kinase 1 (EC 2.7.11.15) (Beta-ARK-1) (G-protein coupled receptor kinase 2) [MASS=79667]	0.00	6.10	3.55	0.00	1	3	1	C[330]LDKKR	1
							2	PRSPVVELSKVPLVQR	1
							3	KQVPPDLFQPYIEEIC[339]QNLR	1

ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	3.25	*	*	*	2	3 1	YTNGHLFTTISVSGMTMC[339]YAC[330]JNK PAVLKR	1 1
ARHG4_HUMAN (Q9NR80) Rho guanine nucleotide exchange factor 4 (APC-stimulated guanine nucleotide exchange factor) (Asef) [MASS=75351]	0.29	5.02	0.79	0.00	1	2	3 2	KTIITSPESLNLPR MIDISLDGFLLLTPVQKIC[330]JK	1 1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	3.26	2.67	0.00	1	3	2 3 3	GPLRVGAIVETR LVYHQGGC[339]DNIDSGAVWK TSDC[339]IGSEGM[147]K	1 1 1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	0.00	2.62	1.57	0.00	1	3	1 3 2	APPDER SIDM[147]LVC[330]LVSMDIQMFGPDALAAVK QSYGLSMDFNPNNDYNK	1 1 1
ARSE_HUMAN (P51690) Arylsulfatase E precursor (EC 3.1.6.-) (ASE) [MASS=65668]	0.00	2.55	9.63	0.00	1	1	3	LTQHISAASLC[339]TPSR	1
ASCC1_HUMAN (Q8N9N2) Activating signal cointegrator 1 complex subunit 1 (ASC-1 complex subunit p50) (Trip4 complex subunit p50) [MASS=45509]	0.00	4.75	0.25	0.00	1	1	2	ITLDC[330]QNIYTWKSRHIVGK	1
ASPG_HUMAN (P20933) N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor (EC 3.5.1.26) (Glycosylasparaginase) (Aspartylglucosaminidase) (N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase) (AGA) [Contains: Glycosylasparaginase alpha chain; Glycosy [MASS=37194]	*	5.78	*	*	*	1	3	TGHIAAGTSTNGIKFKIHGR	1
AT10B_HUMAN (O94823) Probable phospholipid-transporting ATPase VB (EC 3.6.3.1) [MASS=165390]	*	2.81	*	*	*	3	2 1 2	C[330]WKDVRVGDIFIQMK HRFDK QRSMGHRESSQPPVAFSSSIEK	1 1 1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	*	1.33	*	*	*	1	2	RMSVVRHPLSNQVVVYTK	1

AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	LIIVEGC[339]QR	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	4.59	0.88	0.07	3	3	2	C[339]SSILLHGK	1
							2	AC[330]VVHGSDLK	1
							3	MTVAHM[147]WFDNQIHEADTTENQSGVSFDK	1
							2	AC[339]VVHGSDLK	1
							1	C[330]SSILLHGK	1
1	C[339]SSILLHGK	1							
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	1.00	1.27	0.78	0.00	1	1	1	VLGFC[330]QLNLP SGK	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.18	0.93	0.08	9	7	2	KYNTDC[330]VQGLTHSK	1
							2	VLGFC[339]HYYP EEQFPK	1
							2	NITFFSTNC[330]VEGTAR	1
							1	IISAHGC[339]K	1
							1	IISAHGC[330]K	1
							2	VLGFC[330]HYYP EEQFPK	1
							3	SSHTWVALSHIAGLC[330]NR	1
2	C[339]IELSSGSVK	1							
2	SPDC[339]THDNPLETR	1							
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	3.98	*	*	*	2	3	RNSLFQQGM[147]RNK	1
3	DONLYLSIVLSVVIVITGC[339]FSYYQEAKSSK	1							
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	7.26	1.25	0.00	2	2	1	EGKPC[330]IIIK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	2.76	0.87	0.00	1	1	2	NDVC[339]RPGR	1

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	2.69	1.01	0.03	2	2	2	NYLEPGKEC[330]VQPATK VSFYQLSHFLQC[339]K	1 1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	1.05	*	*	*	1	2	EYEPEM[147]GKIVR	2
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.00	1.43	*	*	*	1	2	HLDAC[330]JTM[147]GNATAIC[330]SDK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	1.61	1.12	0.01	2	1	3	TEC[339]ALLGFVTDLQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.87	8.98	1.00	0.00	1	2	2 1	VRYGLIPEEFFQFLYPK C[339]IADLK	1 3
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	0.00	2.45	0.84	0.00	1	2	3 2	TSLIQKMEQEVNFSC[330]SR DIDLIC[339]SNALEYNPDR	1 1
ATG9A_HUMAN (Q7Z3C6) Autophagy-related protein 9A (APG9-like 1) [MASS=94466]	0.00	2.50	10.40	0.00	1	1	3	NFTVEVVGVDTC[339]SFAQM[147]DVR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	0.00	1.60	1.50	0.00	2	3	2 3 2	ANSLM[147]QC[339]AGESITLFK ENLIELMADIC[339]HQVFNEDTR NLEDVVVPTM[147]EIK	1 1 1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.55	16.18	1.36	0.00	1	1	2 1	IC[330]SLHSLPPQS IC[330]SLHSLPPQS	1 1

								1	LYC[339]IYVAIGQK	1
								2	LYC[339]IYVAIGQK	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	7.78	1.05	0.07	9	4		2	KLYC[330]IYVAIGQK	1
								2	KKLYC[339]IYVAIGQK	2
								1	LYC[330]IYVAIGQK	1
								2	KKLYC[330]IYVAIGQK	1
								1	VAAAVVR	1
								2	LYC[330]IYVAIGQK	2
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.20	0.01	4	1		2	GLC[339]GAIHSSIAK	2
								2	GLC[330]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	0.99	15.49	1.01	0.00	1	2		2	GEVPC[339]TVTSASPLEEATLSELK	1
								1	MAAPAVSGLSR	1
ATS14_HUMAN (Q8WXS8) ADAMTS-14 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 14) (ADAM-TS 14) (ADAM-TS14) [MASS=133871]	0.00	5.64	1.60	0.00	1	3		3	PC[339]LGPMEFYQVC[339]NSEEC[339]PGTYEDFR	1
								3	HSSHLRVARSPHPGGTLWPGR	1
								3	EVGSMKADDKC[339]GVC[339]GGDNSHC[330]R	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	3.10	*	*	*	3		3	PRM[147]HEAC[339]LLQRC[330]HK	1
								3	NEPC[330]DTLGFAPISGMC[339]SK	1
								1	C[330]SHLPK	1
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	0.00	2.80	0.53	0.00	1	2		2	LAVVKVVVLGDKDK	1
								2	GC[339]PLSQRPSAFK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	1.96	*	*	*	2		3	DENGVADESAC[330]ATLPR	1
								2	SPQHVM[147]APTLNFYTNPMMWSK	1

BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	*	1.20	*	*	*	1	3	SSFVGDGDIFKKLDSELSR	1
BAZ1A_HUMAN (Q9NRL2) Bromodomain adjacent to zinc finger domain protein 1A (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (ATP-dependent chromatin remodelling protein) (Williams syndrome transcription factor-related chromatin remodeli [MASS=178673]	0.00	0.84	0.69	0.00	1	1	2	LHEIC[330]DDIFAYVK	1
BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	0.00	2.40	0.73	0.00	1	3	1 REHFSFSPR 2 C[330]FLM[147]AYGVEPALC[339]DRLR 3 EDLAYC[330]EHLSDSQEDITWR	1 1 1	
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.00	*	*	*	1	3	MMSTESANSFTLIGEASDGGTMENLSR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	0.00	4.73	6.28	0.00	1	5	2 QRHLLHLR 3 PSFAAESVGQSAEPPKPSVEPALQQRDFIALR 3 C[339]VTTELYADSSQLSR 2 YSLNMYK 2 PLDLSSKVVVDVASKADHM[147]K	1 1 1 1 1	
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	2.16	0.71	0.00	1	2	3 VGC[330]NPNEVDVAIFAVDSLK 2 LSVSSNDTQESGNSSGSPGAK	1 1	
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	0.00	1.64	3.81	0.00	1	5	3 KASTVHM[147]MLQPILTYM[147]AC[330]GYM[147]GR 3 WAMLEQIRNPSPC[330]FK 1 EVIHK 3 LQVHLSSTC[330]PQIFSEFLK 2 IRLHTGLLLVQLC[339]GGER	1 1 1 1 1	
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.25	2.58	0.92	0.00	1	1	2	SDGILC[339]DITLIAEEQK	1

BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	*	2.84	*	*	*	2	3	YTSTKFQDTLHSR	1
							2	DYGHIQSPNYPDDYR	1
BOC_HUMAN (Q9BWV1) Brother of CDO precursor (Protein BOC) [MASS=121059]	0.00	5.66	0.23	0.00	1	3	3	PGGTVILGC[330]VVEPPRM[147]NVTWR	1
							2	GQSLILEC[330]VASGIPPPR	1
							3	VYERPVAGPYITFTDAVNETIMLK	1
BPAEB_HUMAN (Q8WXK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	0.00	0.49	3.26	0.00	1	1	2	FC[339]GVNETENEDNTNR	1
BR44_HUMAN (O95563) Brain protein 44 [MASS=14279]	1.00	10.24	0.97	0.00	2	1	2	WGLVC[330]AGLADM[147]AR	1
							2	WGLVC[339]AGLADM[147]AR	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	1.23	*	*	*	2	3	KLSKPQSINTVSAHLQSSVVVSDC[330]K	1
							2	AFQPPRSC[339]GTKYETPIK	1
							1	AGLYM[147]K	2
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	3.78	6.70	0.00	1	3	3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
							2	RHTLEDR	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	1.02	*	*	*	2	2	VGSSMRPLLQAQGLAPSER	1
							3	VRPPM[147]RSQASEEESPV SPLGR	1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	*	2.60	*	*	*	3	1	HGAGTGLR	3
							3	AQIADLPAGSSGNILVELDEAQK	1
							2	GSTSEKDGMMHHTVTKHR	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.94	9.57	1.55	0.00	1	1	3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	0.00	4.08	0.61	0.00	1	1	2	VVTFC[330]GHTSK	1

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.93	0.00	2	1	2 2	SLC[330]LGPALIHTAK SLC[339]LGPALIHTAK	1 1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	1.67	*	*	*	1	1	QYDTRNSR	1
CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	*	1.44	*	*	*	1	3	TVSGDLAAEEELERAMVEAAMEEGIFR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	*	3.37	*	*	*	2	3 1	LPMDGLFLIQTYAGMLQLAK YNASSFAK	1 1
CADH5_HUMAN (P33151) Vascular endothelial-cadherin precursor (VE-cadherin) (Cadherin-5) (7B4 antigen) (CD144 antigen) [MASS=87516]	0.00	3.06	0.78	0.00	1	2	2 1	VC[330]ENAVHGQLVLQISAIDK DITPR	1 1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	*	2.72	*	*	*	1	2	ANC[339]LRYLFLAELFELK	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.98	3.55	1.18	0.00	1	1	3	C[339]ESAPGC[339]GVWQRPVIDNPNYK	1
CAND2_HUMAN (O75155) Cullin-associated NEDD8-dissociated protein 2 (Cullin-associated and neddylation-dissociated protein 2) (p120 CAND2) [MASS=122681]	0.00	5.18	1.32	0.00	1	2	3 3	DFRFM[147]ATSDLMSELQKDSIQLDEDSER SPLLPAAGVLAEEGFLQALVGTRPPC[339]VDYAK	1 1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	0.00	3.04	0.95	0.00	1	1	3	LVNANGEAVYC[330]KFHYK	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.99	5.34	1.15	0.00	1	2	2 2	LLDIAC[330]WIHHK FDGILGMAYPR	1 1

CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	0.00	10.27	1.61	0.00	1	1	3	GC[330]NGGFMTTAFQYIIDNKGIDSDASYPYKAM[147]DQK	1
CBLN2_HUMAN (Q8IUK8) Cerebellin-2 precursor [MASS=24084]	0.00	10.71	2.06	0.00	1	1	3	C[339]LVVC[339]DSSPSADGAVTSSLGISVR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	*	2.32	*	*	*	1	2	LLARISKLLMIC[339]QNAGISVPK	1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	*	2.49	*	*	*	1	1	LQAFGK	1
CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	0.00	9.41	5.11	0.00	1	3	3	EEVYKQLM[147]SELETLPR	1
							3	TLGVSVFVQAESEC[339]RHSK	1
							3	C[339]LRVINPAVGSGLSPLLPLAM[147]SARFR	1
CCD94_HUMAN (Q9BW85) Coiled-coil domain-containing protein 94 [MASS=37086]	0.00	7.12	1.36	0.00	1	1	3	ADPDC[339]SNGQPQAAPTPGAPQNRK	1
CCNT2_HUMAN (O60583) Cyclin-T2 (CycT2) [MASS=81028]	0.36	2.19	0.61	0.00	1	1	2	VAHAC[330]LHPLEPLLDTK	1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	0.00	7.53	1.60	0.00	1	2	1	GARAGPR	1
							3	PQC[339]LLLVLNARTEISSKLQLM[147]K	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	0.96	9.38	0.94	0.01	2	1	2	LRENELTYYC[330]C[330]K	2
CD5L_HUMAN (O43866) CD5 antigen-like precursor (SP-alpha) (CT-2) (IgM-associated peptide) [MASS=38088]	0.00	21.61	0.68	0.00	1	4	2	ELGC[330]GAASGTPSGILYEPPAEK	1
							2	QLGC[339]GRAVLTQKR	1
							2	EDQVVC[330]KQLGC[330]GK	1
							3	VEVEQKGQWGTVC[339]DDGWDIKDVAVLC[330]R	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	6.78	0.91	0.00	1	1	2	NNLC[339]PSGSNIISNLFK	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.98	5.76	0.55	0.00	1	1	2	WVPEITHHC[339]PK	1

CEAM6_HUMAN (P40199) Carcinoembryonic antigen-related cell adhesion molecule 6 precursor (Normal cross-reacting antigen) (Nonspecific crossreacting antigen) (CD66c antigen) [MASS=37237]	0.00	8.72	0.43	0.00	1	1	3	DAVAFTC[330]EPEVQNTTYLWWVNGQSLPVSPR	1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	*	1.51	*	*	*	2	3	ARALC[339]ADM[147]K	1
							2	SLDLDDWPR	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosis) (AH antigen) [MASS=367592]	0.00	0.81	0.74	0.00	1	2	3	QNAESARC[330]SLEQKIK	1
							2	ARLTQELQQAK	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	3.02	*	*	*	1	2	KRTEQEETIASLQM[147]EVC[339]R	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	0.00	1.40	1.22	0.00	1	1	2	PC[330]LQRQDDIAQEK	1
CGL_HUMAN (P32929) Cystathionine gamma-lyase (EC 4.4.1.1) (Gamma-cystathionase) [MASS=44508]	0.00	4.94	2.23	0.00	1	1	3	YC[339]LAFASGLAATVTITHLLK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	8.20	1.25	0.05	5	3	2	C[339]EFQDAYVLLSEKK	1
							2	C[330]IPALDSLTPANEDQK	2
							2	AAVEEGIVLGGGC[339]ALLR	1
							2	C[339]IPALDSLTPANEDQK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	29.52	0.89	0.10	6	5	2	ERIC[330]SEEER	1
							2	YESHPVC[339]ADLQAK	1
							2	C[339]SALATQYM[147]HC[339]VNHAK	1
							2	AAANEQLTRAILRER	1
							2	YESHPVC[330]ADLQAK	1
							2	RYESHPVC[330]ADLQAK	1
2	ERIC[339]SEEER	1							

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	*	3.40	*	*	*	1	2	LARELESR	1
CHD6_HUMAN (Q8TD26) Chromodomain-helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	*	1.47	*	*	*	2	2	VIINRLDNIC[339]HVVLK GK	1
							2	QQADYSLEVPGFGANFSDKPKQR	1
CHX10_HUMAN (P58304) Homeobox protein CHX10 (Ceh-10 homeodomain-containing homolog) [MASS=39410]	0.00	5.26	2.10	0.00	1	1	2	C[339]WGRSSVM[147]AEYGLYGAMVR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.95	1.50	1.39	0.00	1	1	1	LPC[339]VAAK	2
							1	KFPFC[339]DGAHTK	1
							2	KFPFC[339]DGAHTK	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.16	0.08	5	3	3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							1	FPFC[330]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[330]R	1
CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	0.00	2.05	0.78	0.00	1	1	2	EC[339]PLAQLM[147]DSETDM[147]VR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	0.00	2.27	0.22	0.00	1	1	2	SILEDPPSISEGC[330]GGR	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.91	1.11	0.06	2	3	2	ENPYDYSR	1
							2	YESLELC[330]RPVLQQGR	1
							1	AHIAQLC[330]EK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	1.65	*	*	*	2	3	RPISAESAIMPASKVIALK	1
							1	HLIMAVR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	2.36	1.19	0.09	2	1	2	DIPFSAIYFPVYAHC[339]K	1
							2	DIPFSAIYFPVYAHC[330]K	1
CMGA_HUMAN (P10645) Chromogranin A precursor (CgA) (Pituitary secretory protein I) (SP-I) [Contains: Vasostatin-1 (Vasostatin I); Vasostatin-2 (Vasostatin II); EA-92; ES-43; Pancreastatin; SS-18; WA-8; WE-14; LF-19; AL-11; GV-19; GR-44; ER-37] [MASS=50730]	0.00	13.13	0.72	0.00	1	3	2	EDSKEAEKSGEATDGAR	1
							3	SAAVLALLLC[330]AGQVTALPVNSPM[147]NKGDTVM[147]K	1
							2	GLSAEPGWQAK	1

CN094_HUMAN (Q9H6D7) Protein C14orf94 [MASS=42400]	0.00	5.79	2.58	0.00	1	1	3	KC[339]FTLLC[339]YYDPNSDADSETVK	1
CN101_HUMAN (Q9NX78) Protein C14orf101 [MASS=79528]	0.00	3.11	0.50	0.00	1	1	3	VNLLC[330]GLFGAVAASLLFFTVFR	1
CN108_HUMAN (Q9H0R1) Protein C14orf108 (Putative HIV-1 infection-related protein) [MASS=54766]	0.00	6.12	2.80	0.00	1	1	3	ILDYTLTGCC[339]YADQHSVQVFASGKPKISAHR	1
							2	RPPGVLHC[339]TTK	2
							2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	2
							2	RLDEDLAAYC[330]R	1
							1	FC[330]DYGK	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1
							2	RPPGVLHC[330]TTK	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	30.88	0.94	0.10	21	9	2	LDC[330]AQLK	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	2
							2	LDEDLAAYC[330]R	1
							2	FC[330]DYGK	1
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							2	LDEDLAAYC[339]R	1
							1	FC[339]DYGK	2
							2	M[147]SSSGAKDK	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILRQEK	1
CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome- associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	4.14	3.00	0.00	1	4	1	TTPILR	1
							2	LSDADLAGPLQK	1
							3	VPAILMSSM[147]C[339]ILLDHLGGENYMM[147]R	1
							2	ESTGNMVTGQTVCC[339]KNK	1

CNGB3_HUMAN (Q9NQW8) Cyclic nucleotide-gated cation channel beta 3 (CNG channel beta 3) (Cyclic nucleotide-gated channel beta 3) (Cone photoreceptor cGMP-gated channel subunit beta) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=92249]	0.00	2.60	1.98	0.00	1	1	3	AC[339]MDDTIAYM[147]NNYSIPKLVQK	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	*	1.73	*	*	*	2	1	KRAPR	1
							2	DFHINLFR	1
CO3A1_HUMAN (P02461) Collagen alpha-1(III) chain precursor [MASS=138554]	*	3.82	*	*	*	2	2	GLAGPPGMPGPRGSPGPQGVKGESGK	1
							3	GPVGPSPGPPGKDGTSGHPIGPPGPRGNR	1
							2	GPIGSIGPK	2
CO6A3_HUMAN (P12111) Collagen alpha-3(VI) chain precursor [MASS=343550]	0.00	1.67	1.34	0.00	1	4	2	VNHFVPEAGSR	1
							2	PQAAKPAATKPATTK	1
							1	GPIGSIGPK	1
							2	GPPGVNGTQGFQGC[339]PGQR	1
CO9_HUMAN (P02748) Complement component C9 precursor [Contains: Complement component C9a; Complement component C9b] [MASS=63173]	0.00	4.65	0.05	0.00	1	2	2	RC[339]TDAVGDR	1
							3	KC[330]HTC[330]QNGGTVILM[147]DGK	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.00	4.85	0.96	0.04	2	1	2	M[147]LPDKDC[330]R	1
							2	MLPDKDC[330]R	1
COPG2_HUMAN (Q9UBF2) Coatomer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	0.00	4.02	1.62	0.00	1	2	3	HEMVIYEAAASAIHLPNC[339]TAR	1
							2	SQFAYC[339]MLIRIASR	1
COX2_HUMAN (P00403) Cytochrome c oxidase subunit 2 (EC 1.9.3.1) (Cytochrome c oxidase polypeptide II) [MASS=25565]	0.99	12.78	1.09	0.00	1	1	3	PGVYYGQC[339]SEIC[339]GANHSFM[147]PIVLELIPLK	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.95	4.65	1.38	0.00	1	1	1	C[339]GAHYK	1

COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	63.49	1.26	0.07	4	2	2	MC[339]LYFGSAFATPFLVVR	1
							2	M[147]C[339]LYFGSAFATPFLVVR	2
							3	MC[339]LYFGSAFATPFLVVRHQLLKT	1
							2	MC[330]LYFGSAFATPFLVVR	1
CP27A_HUMAN (Q02318) Cytochrome P450 27, mitochondrial precursor (EC 1.14.13.15) (Cytochrome P-450C27/25) (Sterol 26-hydroxylase) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) [MASS=60234]	0.00	5.27	0.89	0.00	1	1	3	IIEKEIEVDGFLFPKNTQFVFC[339]HYVVSR	1
CP4X1_HUMAN (Q8N118) Cytochrome P450 4X1 (EC 1.14.14.1) (CYPIVX1) [MASS=58875]	*	9.63	*	*	*	2	3	IC[330]STQDTSVEVYEHINSM[147]SLDIIMK	1
3	NC[330]GQEFAMIELKVITIALILLHFR	1							
CP7A1_HUMAN (P22680) Cytochrome P450 7A1 (Cholesterol 7-alpha-monooxygenase) (CYPVII) (EC 1.14.13.17) (Cholesterol 7-alpha-hydroxylase) [MASS=57660]	0.31	2.58	0.23	0.00	1	1	3	KHGHVFTC[330]KLM[147]GK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	0.98	3.12	1.35	0.00	1	1	2	HEQNIDC[339]GGGYVK	1
CSKI2_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	*	1.08	*	*	*	1	2	GTPRSQSFALRAR	1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.28	*	*	*	1	2	SRGVKM[147]LPSK	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	0.90	0.82	0.72	0.00	1	2	3	QEIESETTSEEQIREEK	1
							2	AQC[339]GGGLLGVR	1
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	*	5.70	*	*	*	2	3	HHEAIPVLVQRGADIDQQWGPLR	1
2	PLLTISPGR	3							
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	0.00	3.00	0.48	0.00	1	1	3	RTPPC[330]PVAHGDQIVSQINHPVHLR	1

CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	2.97	*	*	*	2	3	LHENYYAM[147]YLKYLRSVR	2
							2	DM[147]DSSGRDM[147]QLR	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	1.00	58.82	1.44	0.11	5	3	3	VYQSLC[339]PTSWVTDWDEQRAEGTFPGKI	1
							2	GGDISVC[339]EWYQR	2
CXB4_HUMAN (Q9NTQ9) Gap junction beta-4 protein (Connexin-30.3) (Cx30.3) [MASS=30419]	0.00	3.01	1.15	0.00	1	1	2	C[339]MEIFGPR	1
CXX1_HUMAN (O15255) CAAX box protein 1 (Cerebral protein 5) [MASS=22278]	0.00	14.83	6.34	0.00	1	2	3	DLSPSARPISSPPPETSC[339]VLA	1
							2	C[330]PLRSC[330]SLPR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c- 1) [MASS=35390]	1.00	20.00	1.36	0.08	4	4	1	DVC[339]TFLR	2
							2	HLVGVC[330]YTEDEAK	1
DCBD1_HUMAN (Q8N8Z6) Discoidin, CUB and LCCL domain-containing protein 1 precursor [MASS=77920]	0.00	14.13	2.82	0.00	1	4	2	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
DCC_HUMAN (P43146) Netrin receptor DCC precursor (Tumor suppressor protein DCC) (Colorectal cancer suppressor) [MASS=158455]	*	2.07	*	*	*	2	3	RM[147]GLKMLMMM[147]ALLVPLVYTIK	1
							1	DVC[339]TFLR	2
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L- xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.32	15.98	1.15	0.00	1	2	3	PIPSEETSTGINITTVAIPLVLLVLFAGMGIFAAFR	1
							3	AGRHEYALPLAPPEPEYATPIVER	1
DDB1_HUMAN (Q16531) DNA damage- binding protein 1 (Damage-specific DNA- binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV- damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E- complementing protein) (XPCe) [MASS=126967]	*	1.05	*	*	*	1	3	TTGSTQSNFNFYVKSFVM[147]NFK	1
							3	VELIGC[339]QITQGNDSLVWR	1
DDB1_HUMAN (Q16531) DNA damage- binding protein 1 (Damage-specific DNA- binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV- damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E- complementing protein) (XPCe) [MASS=126967]	*	1.05	*	*	*	1	3	GVGPLSDPILFRTLKVEHPDK	1
							1	PVPTVNWM[147]K	1
DDB1_HUMAN (Q16531) DNA damage- binding protein 1 (Damage-specific DNA- binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV- damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E- complementing protein) (XPCe) [MASS=126967]	*	1.05	*	*	*	1	2	AVTNHSVYC[339]STK	1
							3	IRVNAVNPVVVM[147]TSMGQATWSDPHKAK	1
DDB1_HUMAN (Q16531) DNA damage- binding protein 1 (Damage-specific DNA- binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV- damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E- complementing protein) (XPCe) [MASS=126967]	*	1.05	*	*	*	1	3	M[147]IGLRLYDGLFK	1

DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	0.00	6.93	1.44	0.00	1	2	3	AVQEVC[330]PPPAGDKLDSFAIPESLKQHVTVVPSK	1
							3	IGC[339]HGSSLLILAPSEAEYVNSLASHK	1
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	*	1.08	*	*	*	2	3	TVTLDVDVNNR	1
							1	VTLKDK	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	0.00	1.94	1.30	0.00	1	1	2	AGLLSPYQILHEC[339]LK	1
DGKG_HUMAN (P49619) Diacylglycerol kinase gamma (EC 2.7.1.107) (Diglyceride kinase gamma) (DGK-gamma) (DAG kinase gamma) [MASS=88996]	0.00	1.90	0.37	0.00	1	1	3	SAGRRLAQC[339]ASVTIR	1
DHC24_HUMAN (Q15392) 24-dehydrocholesterol reductase precursor (EC 1.3.1.-) (3-beta-hydroxysterol delta-24-reductase) (Seladin-1) (Diminuto/dwarf1 homolog) [MASS=60101]	0.00	3.10	0.73	0.00	1	1	2	SVHGFQMLYADC[330]YMNR	1
							2	AKPYEGSILEADC[339]DILIPAASEK	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	9.14	1.22	0.07	13	3	3	IHKPC[339]NHVLSLSFPIR	1
							3	IHKPC[330]NHVLSLSFPIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IHKPC[339]NHVLSLSFPIR	1
							2	C[339]AVVDVPPFGGAK	4
							2	AKPYEGSILEADC[330]DILIPAASEK	1
							2	C[330]AVVDVPPFGGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	1.00	11.89	1.45	0.01	2	2	3	AALDGTGPM[147]IGYGM[147]AK	1
							2	GAVHQLC[339]QSLAGK	1
							2	GAVHQLC[330]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	5.72	1.12	0.06	2	2	2	AAFGLSEAGFNTAC[339]VTK	1
							2	TYFSC[339]TSAHTSTGDGTAM[147]ITR	1

DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (lp) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	12.86	1.38	0.02	5	3	3	TC[339]PKGLNPGKAIAEIK	1
							2	C[339]GPMVLDALIK	1
							2	C[330]HTIM[147]NC[330]TR	2
							2	C[339]HTIM[147]NC[339]TR	2
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	2.79	*	*	*	2	3	ELFPVLC[330]QPDNPSVRTMLDEDDVK	1
							2	LIQTM[147]RPPAK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.96	8.06	1.40	0.00	1	3	2	ILQKQGFK	1
							2	FPFAANSRAKTNADTDGM[147]VK	1
							2	VC[339]HAHPTLSEAFR	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	1.15	3.64	0.00	1	2	3	ESKSSDDVDYR	1
							3	TSKYM[147]PRGSVC[339]NVLTTSC[339]HDGVC[339]R	1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsal) (DNA MTase Hsal) (MCMT) (M.Hsal) [MASS=183164]	*	0.68	*	*	*	1	2	DDREDKENAFK	1
DPOLA_HUMAN (P09884) DNA polymerase alpha catalytic subunit (EC 2.7.7.7) [MASS=165912]	0.00	2.74	0.34	0.00	1	3	1	QEADSGK	2
							2	EILMHTKEMVQK	1
							3	AGDTVSYVIC[330]QDGSNLTASQR	1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	0.00	1.33	13.31	0.00	1	1	3	STFVDGLLAC[339]M[147]K	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.59	0.95	0.02	4	2	2	AITIANQTNC[330]PLYITK	1
							2	FQLTDC[330]QIYEVLSVIR	2
							2	FQLTDC[339]QIYEVLSVIR	1
DUOX1_HUMAN (Q9NRD9) Dual oxidase 1 precursor (EC 1.6.3.1) (EC 1.11.1.-) (NADPH thyroid oxidase 1) (Thyroid oxidase 1) (Large NOX 1) (Long NOX 1) [MASS=177234]	*	1.68	*	*	*	2	3	QHPDWEDEELFQHAR	1
							3	NVEKAC[330]QLINR	1

DUS4_HUMAN (Q13115) Dual specificity protein phosphatase 4 (EC 3.1.3.48) (EC 3.1.3.16) (Mitogen-activated protein kinase phosphatase 2) (MAP kinase phosphatase 2) (MKP-2) (Dual specificity protein phosphatase hVH2) [MASS=42953]	0.00	6.09	1.14	0.00	1	1	3	C[330]LLLLDC[330]RPFLAHSAGYILGSVNVR	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	0.63	*	*	*	2	2	GITFIFTDNEIK	1
							2	EMRM[147]NPKAITAPQM[147]FGR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.63	0.00	2	1	2	YNPTWHC[330]IVGR	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.86	5.21	0.96	0.00	1	2	2	TIGVITKLDLM[147]DEGTDARDVLENK	1
							3	RPLVLQLVNATTEYAEFLHC[330]K	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	*	1.75	*	*	*	1	3	YMLPLDNLKVRDVEK	1
DZIP1_HUMAN (Q86YF9) Zinc finger protein DZIP1 (DAZ-interacting protein 1/2) [MASS=98663]	0.00	3.34	1.34	0.00	1	1	3	LSAIDVDKVAGAVDVLTLQENIM[147]NITFC[339]K	1
							2	C[330]LEENLGIDKR	2
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.74	0.16	6	2	2	NLFPENLVQAC[330]FQQIQTGTK	2
							2	NLFPENLVQAC[339]FQQIQTGTK	2
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	*	5.32	*	*	*	2	2	DFFDSLNEAIMR	1
							3	EGRIETIPTADAFMDLIR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	11.66	1.47	0.01	2	6	1	FSAFR	1
							3	DTSASAVAVGLKQGK	1
							2	ALM[147]GLYHGQVLC[330]K	1
							3	MVGVPAALDM[147]MLTGRSIRADR	1
							2	C[330]LAPM[147]M[147]SEVIR	1
							3	HLAILGAGLMGAGIAQVSVDKGLK	1

ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	1.00	9.89	1.25	0.12	2	2	3	EGGQYGLVAAC[330]AAGGQGHAM[147]IVEAYPK	1
							2	FNNWGGSLSLGHPFGATGC[339]R	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.81	4.83	1.54	0.00	1	1	2	EM[147]QNLSFQDC[330]YSSK	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	3.50	*	*	*	2	3	GGGQIIPARRC[339]LYASVLTAQPR	1
							1	M[147]VPTSDK	1
EFG2_HUMAN (Q969S9) Elongation factor G 2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	*	2.57	*	*	*	1	3	HTATGDTIVSSKSSALAAAR	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	5.97	1.20	0.06	4	2	2	KGDEC[339]ELLGHSK	1
							1	KGDEC[339]ELLGHSK	1
							2	HYAHTDC[339]PGHADYVK	2
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	*	4.21	*	*	*	3	2	ILLGHATKSFPPSSPSK	1
							2	DIRTGEELGFDYGDRFWDIK	1
							2	EALEKALVIQESERR	1
EMAL4_HUMAN (Q9HC35) Echinoderm microtubule-associated protein-like 4 (EMAP-4) (Restrictedly overexpressed proliferation-associated protein) (Ropp 120) [MASS=108902]	*	1.43	*	*	*	1	2	RLAISEDHVASVKK	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	3.46	1.06	0.07	2	1	1	FGANAILGVSLAVC[330]K	1
							2	FGANAILGVSLAVC[330]K	1
							2	FGANAILGVSLAVC[339]K	1

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydrolyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	10.39	*	*	*	2	3	LAM[147]QEFMILPVGAEFRDAMRLGAEVYHTLK 3 IVIGM[147]DVAASEFYR	1 1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	0.00	1.93	*	*	*	5	1	1 TDPSAAGR 1 ATPGLLK 1 TPTKPPC[339]Q 2 EYLIELFFLQHFQGNMMDFLAFK 2 AVGKLTPEHLIKM[147]QK	1 1 1 1 1
EPC2_HUMAN (Q52LR7) Enhancer of polycomb homolog 2 [MASS=91094]	0.00	6.82	*	*	*	3	3	3 LDQANHSC[339]ENSELADLDK 3 KPKAELITSQQPTPETLPVINK 2 M[147]EIKPLQFEIM[147]IDR	1 1 1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.46	0.37	0.00	1	3	1	1 GIGSGM[147]K 2 TYVDPFTYEDPNQAVR 3 C[330]KPVM[147]IITEYM[147]ENGLDAFLR	2 1 1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	0.00	7.78	*	*	*	2	2	2 C[339]VSC[339]VAGSAFSGPRLASASR 3 VLRVLLGAPNAGK	1 1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	14.18	1.56	0.06	3	3	1	1 HC[339]VK 2 EFHQAGKPIGLC[339]C[339]IAPVLAAK 3 EFHQAGKPIGLC[330]C[330]IAPVLAAK 2 NLSTFAVDGKDC[339]K	1 1 1 1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	5.02	1.09	0.04	2	2	2	2 LQINAQNC[330]VHC[330]K 2 FC[339]PAGVYEFVPVEQGDGFR	1 1
F106A_HUMAN (Q4KMX7) Protein FAM106A [MASS=18675]	0.21	3.55	2.60	0.00	1	1	2	2 NLLEC[339]R 2 YQENAQLSVKQVR	1 1
FA29A_HUMAN (Q7Z4H7) Protein FAM29A [MASS=108621]	*	7.02	*	*	*	4	3	3 M[147]ETFSPAVGNRIDVMGGSEEEFM[147]K 3 NSSHHFVETFNIPQDLHKC[339]IAR 1 QGEWHKK	1 1 1
FA53B_HUMAN (Q14153) Protein FAM53B [MASS=45796]	*	9.24	*	*	*	2	3	3 SLSFSDEMSSC[339]RTSWR 3 MSQGPTLFSC[339]GIMENDRWRDLDR	1 1

FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FANCM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	2.49	2.90	0.07	2	4	1	VSKEIK	2
							2	ESNIAVNPSTVK	1
							1	KVMSTPLSK	1
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	2
FBLN1_HUMAN (P23142) Fibulin-1 precursor [MASS=77261]	0.00	3.41	12.37	0.00	1	1	3	AAQAQGQSC[339]EYSLM[147]VGYQC[339]GQVFR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	0.38	*	*	*	1	2	SGNC[330]YLDIRPR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	1.20	*	*	*	2	2	RGQQDVLRGPNVC[339]GSR	1
							3	HHANLC[330]LNGRC[339]IPTVSSYR	1
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	*	0.59	*	*	*	1	2	GKTPLRK	1
FBXL8_HUMAN (Q96CD0) F-box/LRR-repeat protein 8 (F-box and leucine-rich repeat protein 8) (F-box protein FBL8) [MASS=40516]	0.26	17.38	*	*	*	3	3	EVHC[330]FC[339]VVSHSVLDAFRAHC[339]PR	1
							3	HPGLAVELELEPALPAESVTR	1
							3	C[339]AALREVHC[339]FC[339]VVSHSVLDAFR	1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	*	3.65	*	*	*	2	2	PNRMPVAPYWTSPEK	1
							2	M[147]PVAPYWTSPEKMEK	1
FNBP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	*	0.93	*	*	*	1	2	LAERFLAKTR	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	0.00	3.82	1.72	0.00	1	2	3	GGQLWC[339]TTTKAISEGEELIAFVVDFDSR	1
							3	NSPDVSYERSIIKC[330]EK	1
FOXH1_HUMAN (O75593) Forkhead box protein H1 (Forkhead activin signal transducer 1) (Fast-1) (hFAST-1) (Forkhead activin signal transducer 2) (Fast-2) [MASS=39257]	0.00	4.38	1.51	0.00	1	1	2	DLAAPGPGWLLSWC[339]SL	1

FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	1.02	*	*	*	1	1	REAVR	1
FUBP2_HUMAN (Q92945) Far upstream element-binding protein 2 (FUSE-binding protein 2) (KH type-splicing regulatory protein) (KSRP) (p75) [MASS=72709]	*	5.37	*	*	*	2	3 2	LASQGDSISSQLGPIHPPPR IGQQPQQPGAPPQQDYTK	1 1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	0.00	3.26	0.63	0.00	1	1	2	VGGDAC[330]LLRGSDPGGPGLLPPR	1
FXL20_HUMAN (Q96IG2) F-box/LRR-repeat protein 20 (F-box and leucine-rich repeat protein 20) (F-box/LRR-repeat protein 2-like) [MASS=48423]	*	2.29	*	*	*	1	1	RDVNGVTKSR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	10.18	0.86	0.02	2	2	2 3	VPTANVSVVDLTC[330]JR VPTANVSVVDLTC[330]RLEKPAK	1 1
G6PD_HUMAN (P11413) Glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (G6PD) [MASS=59134]	*	5.84	*	*	*	1	3	LFYLALPPTVYEAVTKNIHESC[339]MSQIGWNR	1
GABR2_HUMAN (O75899) Gamma-aminobutyric acid type B receptor, subunit 2 precursor (GABA-B receptor 2) (GABA-B-R2) (Gb2) (GABABR2) (G-protein coupled receptor 51) (HG20) [MASS=105821]	0.00	1.81	1.17	0.00	1	1	3	TC[339]KDPIEDINSPEHIQR	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	7.20	1.25	0.02	3	3	2 2 2	C[339]LEEVEDLIVK TM[147]GC[339]LATTHSK GTFC[339]SFDPDDISIR	1 1 1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	*	6.52	*	*	*	2	3 2	SWNWLNGEDTTIQETVKVNTRMQC[339]FSVTER SWNWLNGEDTTIQETVK	1 1

GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	*	2.87	*	*	*	2	2	MTGAEIESGAQVKPEK	1
							2	EVYVLESSGSEHEDHLESWFGAGK	1
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	28.02	0.97	0.09	6	5	3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[330]R	1
							2	LLLAGYDDFNC[330]NVWDALK	1
							2	LFVSGAC[339]DASAK	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	LLLAGYDDFNC[339]NVWDALK	1
						2	ELAGHTGYLSC[330]C[330]R	1	
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	0.00	6.78	0.22	0.00	1	1	3	AC[330]NDATLVQITSNMDSVGRIQM[147]R	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.89	30.00	0.81	0.00	1	2	2	AAADLM[147]AYC[339]EAHAK	1
							1	KLVEQLK	1
GBLP_HUMAN (P63244) Guanine nucleotide-binding protein subunit beta 2-like 1 (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Receptor of activated protein kinase C 1) (RACK1) (Receptor for activated C kinase) [MASS=34945]	0.00	8.54	0.84	0.00	1	1	3	TNHIGHTGYLNTVTVSPDGSLC[330]ASGGK	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	0.00	2.75	0.27	0.00	1	1	3	VTVTAMC[330]NMDFSR	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	1.11	*	*	*	1	2	YVSAQPLAGR	2
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	0.96	2.24	1.19	0.00	1	1	2	IIC[330]ILSHPIK	1

GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	21.98	1.01	0.12	3	3	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							3	PASEEKSPFYVVSFLAGC[330]VAGSAAAVAVNPC[339]DVVK	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
							1	GVNEDTYSGLDC[330]JAR	1
GLNA_HUMAN (P15104) Glutamine synthetase (EC 6.3.1.2) (Glutamate--ammonia ligase) (GS) [MASS=41933]	0.00	3.49	0.92	0.00	1	1	2	KDPNKLVLC[339]EVFK	1
							2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.49	0.03	7	3	2	LKEC[330]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	1
							2	VPFC[330]LQSC[330]VKPLK	1
							2	VPFC[339]LQSC[339]VKPLK	2
GLT10_HUMAN (Q86SR1) Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTas [MASS=68991])	*	1.00	*	*	*	1	1	GNQLWK	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	3.68	1.15	0.11	3	1	2	EIYTHFTC[339]ATDTK	1
							2	EIYTHFTC[330]ATDTK	2
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	19.55	1.22	0.00	1	4	2	LWGDSGIQEC[330]FNR	1
							2	M[147]VC[330]DVVSR	1
							3	KSPLTIC[339]FPEYTGPNYEDAAAYIQAQFESK	1
							2	M[147]EDTEPFSAELLSAM[147]M[147]R	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	1.27	0.00	1	1	3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G-protein coupled receptor 158-like 1) [MASS=257362]	0.00	1.06	1.91	0.02	2	2	3	VAEVC[339]LWEVVEAPSAKK	2
							2	SPRLGRPK	1

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	1.38	1.05	0.00	1	1	2	NYLSC[330]DVEVR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.42	3.40	0.91	0.00	1	1	2	SREDC[330]C[330]TKF	1
GPR37_HUMAN (O15354) Probable G-protein coupled receptor 37 precursor (Endothelin B receptor-like protein 1) (ETBR-LP-1) (Parkin-associated endothelin receptor-like receptor) (PAELR) [MASS=67113]	*	1.96	*	*	*	1	2	QLSKEDLGFSGR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	4.13	*	*	*	1	3	C[339]QGPPGVDLYRLEK	1
GREM2_HUMAN (Q9H772) Gremlin-2 precursor (Cysteine knot superfamily 1, BMP antagonist 2) (Protein related to DAN and cerberus) [MASS=19320]	*	6.55	*	*	*	1	3	C[330]M[147]SVNLSDSDK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	0.69	*	*	*	1	1	DPGPGSGK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	0.00	1.36	0.45	0.00	1	1	2	STITEIKEC[330]ADEPVGK	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	1.00	23.70	2.58	0.00	1	1	3	FQSAAGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	34.93	0.82	0.15	5	3	3	GTFATLSELHC[339]DKLHVDPENFR	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							1	GTFATLSELHC[330]DK	1
							2	GTFATLSELHC[339]DK	1
							2	LLGNVLC[330]VLAHHFGK	1
HC127_HUMAN (Q9NQZ6) Hepatocellular carcinoma-associated antigen 127 [MASS=26244]	0.00	4.46	0.30	0.00	1	1	3	M[147]ADEQEIMC[330]K	1

HG2A_HUMAN (P04233) HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD74 antigen) [MASS=33515]	0.00	7.43	0.64	0.00	1	1	2	GHHNC[330]SESLELEDPSSGLGVTK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	3.71	1.72	0.00	1	1	3	DLQENYC[339]RNPRGEEGGPWC[339]FTSNPEVR	1
HNF4A_HUMAN (P41235) Hepatocyte nuclear factor 4-alpha (HNF-4-alpha) (Transcription factor HNF-4) (Transcription factor 14) [MASS=51740]	0.00	2.15	1.84	0.00	1	1	2	HC[339]PELAEMSR	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	*	1.87	*	*	*	1	3	GRVC[339]FEMKINEEISVK	1
HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	4.41	142.58	0.00	1	2	3 3	C[330]HAEHTPEEEIDHTGAKTKSAVSDK C[339]ISDAMSWLNSK	1 1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.00	4.01	*	*	*	2	2 3	HLEINPDHPIVETLRQK DNSTM[147]GYM[147]M[147]AKK	1 1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.00	5.93	0.13	0.00	1	2	2 3	NALESYAFNM[147]KSAVEDEGLK GK C[330]QEVISWLDANTLAEK	1 1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	*	9.87	*	*	*	1	3	NSYSSC[339]YAAADELMHREC[339]LPPSTVTEILM[147]K	1

								2	AAQLC[330]GAGM[147]AAVVDK	1
								2	TVC[339]GVVSR	2
								2	C[339]NVSFLLSEDSGSK	2
								3	MIAAQLLAYFTELKDDQVK	1
								2	ATDC[339]VGHDVVTLR	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQLGLNSTC[339]DDSILVK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	18.76	1.27	0.07	17	11		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	1
								2	ATDC[330]VGHDVVTLR	1
								2	RAAQLC[330]GAGM[147]AAVVDK	1
								3	LSDETLIDIM[147]TR	1
								2	LPVGFTFSFPC[339]QQSK	2
								2	TVC[330]GVVSR	1
I17RB_HUMAN (Q9NRM6) Interleukin-17 receptor B precursor (IL-17 receptor B) (IL-17RB) (Interleukin-17B receptor) (IL-17B receptor) (IL-17 receptor homolog 1) (IL-17Rh1) (IL17Rh1) (Cytokine receptor CRL4) [MASS=55884]	0.00	4.98	0.67	0.00	1	1		3	SEGSPSENSQDLFPLAFNLFC[339]SDLR	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	1.05	*	*	*	1		2	TPVYAEVKR	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	*	3.02	*	*	*	1		2	PIKLLANC[330]FQVEIPKIDVYLYEVDIK	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	13.11	1.34	0.05	2	3		2	TFDLYANVRPC[339]VSIEGYK	1
								2	IEAAC[339]FATIK	1
								3	GPLKTPIAAGHPSMNLRLK	1

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	21.88	0.93	0.06	4	6	2	LGDGLFLQC[330]C[330]R	1
							2	TSLDLYANVIHC[339]K	1
							1	KKVTAVHK	1
							2	GNIETNHNLPESHK	1
							3	SRNNILRTSLDLYANVIHC[330]K	1
							2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	11.50	1.30	0.07	4	3	2	NILGGTVFREPIIC[339]K	1
							3	PAWAPAALTAPTSQEQRHYADK	1
							2	DLAGC[339]IHGLSNVK	1
							2	NILGGTVFREPIIC[330]K	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	0.00	10.30	0.77	0.00	1	2	2	DHEDSSLQWSNPAQQTLYFGEK	1
							3	EKDTATLNC[330]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	2.28	*	*	*	1	2	PEAPDTALGIVSTK	1
IKAR_HUMAN (Q13422) DNA-binding protein Ikaros (Lymphoid transcription factor LyF-1) [MASS=57528]	0.00	3.66	1.03	0.00	1	1	3	VFLDLHVM[147]YTIHMGC[339]HGFR	1
IL17_HUMAN (Q16552) Interleukin-17A precursor (IL-17A) (IL-17) (Cytotoxic T-lymphocyte-associated antigen 8) (CTLA-8) [MASS=17504]	0.00	16.13	0.22	0.61	2	2	3	REPPHC[330]PNSFR	3
							3	NPGC[339]PNSEDKNFPR	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	*	0.87	*	*	*	1	2	TNHFTIPK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	0.99	2.51	1.17	0.00	1	1	2	LLSYASYC[330]IEHGDLELAAK	1

IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	0.00	6.34	1.02	0.00	1	4	2	YMQWRETISSTATLGFR	1
							2	IKNM[147]VHWSPFVM[147]SFK	1
							1	VLVQGAR	1
							2	MAVYC[330]YALNSLVIMNSANEM[147]K	1
IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	*	6.36	*	*	*	3	3	SLEFSVSYVFTEVGEGVTFER	1
							3	FNQEM[147]DQLLGNMIEMWVDRM[147]DNITQPERR	1
							2	RVAPHALSEEEK	1
IPYR2_HUMAN (Q9H2U2) Inorganic pyrophosphatase 2, mitochondrial precursor (EC 3.6.1.1) (PPase 2) (Pyrophosphatase SID6-306) [MASS=37962]	0.54	3.29	0.88	0.00	1	1	2	ILSC[339]GEVIHVK	1
ITA10_HUMAN (O75578) Integrin alpha-10 precursor [MASS=127573]	*	2.06	*	*	*	1	3	DC[330]GPDNEC[330]VTDLVLQVNMDIRGSR	1
ITAV_HUMAN (P06756) Integrin alpha-V precursor (Vitronectin receptor subunit alpha) (CD51 antigen) [Contains: Integrin alpha-V heavy chain; Integrin alpha-V light chain] [MASS=116051]	*	1.05	*	*	*	1	3	TLGM[147]VYIYDGK	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	0.34	3.52	0.10	0.00	1	5	2	LLLAIMESR	2
							2	C[330]QDM[147]VM[147]AELVNSGEDVLVIFYNDR	1
							3	SELWVYKGGPDETMDGASGENEHKK	1
							3	PGGGGGSGSSSMSRGENSLAEVQC[330]HLDK	1
							2	HNKELQSMLK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.00	7.33	5.66	0.00	1	3	3	MADMYTRLMAC[339]R	1
							2	GITAFIVEK	2
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	0.00	3.25	0.34	0.00	1	4	2	AC[339]DEGHC[339]TAK	1
							3	M[147]AADPEC[330]LDVGLAAM[147]VC[330]K	1
							3	AANLAKMTMVDRIIEVK	1
							3	C[339]VAEEEC[330]SKPR	1
							2	DWQPPFAC[330]EVK	1
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	0.00	4.45	0.57	0.00	1	2	3	QQLPAPKWTEALLIQQC[339]M[147]AYEPVQR	1
							3	RSPQDFDSFLLTVVC[330]VQNPLGPDYK	1

JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	2.40	*	*	*	2	2	KPKAPALR	1
							3	DSLTEINLSDC[330]NKVTDQC[339]LSFFKR	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	2.76	*	*	*	4	2	PSSSTKTDSPAMQLASK	1
							3	VDLTQSSVTNASSGNDHLNM[147]EKEK	1
							3	NTNKM[147]ENSGNSVSEIHK	1
							2	EFWDGFEEVSK	1
K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	0.00	0.95	0.37	0.00	1	1	3	C[330]LALPAM[147]HWPR	3
							2	NLGMVC[339]R	4
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	2.24	*	*	*	2			
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	0.92	*	*	*	2	2	WLM[147]LHTADSAC[330]DPNNKRLR	1
							1	EGPAAAR	1
K0831_HUMAN (Q6ZNE5) Protein KIAA0831 [MASS=55309]							2	FTGSFDDDDPDPHR	1
	0.00	8.54	2.18	0.00	1	4	2	M[147]ASPSGKGAR	1
							2	ALEAPGC[339]GPRPLAR	1
							2	ALEAPGC[330]GPR	1
							2	QKFTRAVK	1
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	*	0.85	*	*	*	1	1	GFLAM[147]K	1
K1576_HUMAN (Q9HCJ6) Probable oxidoreductase KIAA1576 (EC 1.-.-) [MASS=45899]	*	5.01	*	*	*	2	2	SWWQVEKVNPIK	1
							1	QGNIDNPPK	1
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	*	1.02	*	*	*	1	3	HVKKEAC[339]ELFK	1
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.98	15.09	0.88	0.00	1	1	2	SGTASVVC[330]LLNNFYPR	1
KAP3_HUMAN (P31323) cAMP-dependent protein kinase type II-beta regulatory subunit [MASS=46215]	0.42	5.04	0.37	0.00	1	2	3	LLGPC[339]M[147]EIMKR	1
							2	LLGPC[330]M[147]EIM[147]K	1

KBTB3_HUMAN (Q8NAB2) Kelch repeat and BTB domain-containing protein 3 (BTB and kelch domain-containing protein 3) [MASS=69395]	0.00	3.12	0.68	0.00	1	1	3	C[330]VQGSGLFPDARPSTTEK	1
KBTB6_HUMAN (Q86V97) Kelch repeat and BTB domain-containing protein 6 [MASS=76137]	0.00	3.12	0.50	0.00	1	1	3	KYC[330]LDVIEGALQM[147]RYGDLLYK	1
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	0.00	7.42	0.59	0.00	1	1	3	KM[147]STPVEVLC[330]KGFPAEFAM[147]YLNVC[330]JR	1
KC1A_HUMAN (P48729) Casein kinase I isoform alpha (EC 2.7.11.1) (CKI-alpha) (CK1) [MASS=38915]	0.00	7.12	*	*	*	2	3	MASSSGSKAEFIVGGK	1
							1	TKSNMKGF	1
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	13.39	1.15	0.03	4	3	3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	EYYSEADASHC[339]QQILEAVLHC[339]HQMGVVHR	1
							2	STVASC[330]MHR	1
							3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	2
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	6.17	1.21	0.00	2	3	1	RGS GAR	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							2	LC[339]TGHEYAAK	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	4.48	0.92	0.03	2	1	3	IC[339]DPGLTSFEPEALGNLVEGMDFHK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al) [MASS=137559]	*	3.48	*	*	*	2	2	QRNGGM[147]RNSPNTSPK	1
							3	AVNINLC[330]DM[147]C[330]VILSANQNNIDDTSLQDK	1

KCND3_HUMAN (Q9UK17) Potassium voltage-gated channel subfamily D member 3 (Voltage-gated potassium channel subunit Kv4.3) [MASS=73451]	0.00	2.44	0.55	0.00	1	1	2	SSLNLKADDGLRPNC[330]K	1
KCNH1_HUMAN (O95259) Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	*	1.21	*	*	*	2	1	GIDTEK	1
							1	GENVHK	2
KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	0.00	2.59	2.52	0.00	1	1	3	ATWDGFILLATLYVAVTVPY SVC[339]VSTAR	1
KCNQ5_HUMAN (Q9NR82) Potassium voltage-gated channel subfamily KQT member 5 (Voltage-gated potassium channel subunit Kv7.5) (Potassium channel subunit alpha KvLQT5) (KQT-like 5) [MASS=99024]	0.00	1.78	1.69	0.00	1	1	2	DVIEQYSAGHLDM[147]LC[339]R	1
							3	SKDYEFM[147]WNPHLGYILTC[339]PSNLGTGLR	1
							2	FC[339]TGLTQIETL FK	4
							2	FC[330]TGLTQIETL FK	5
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	13.12	1.41	0.10	13	3	2	GFC[330]LPPHC[330]SR	1
							1	GFC[330]LPPHC[330]SR	1
							2	GFC[339]LPPHC[339]SR	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	*	3.10	*	*	*	1	3	PVSPLLTC[339]AGM[147]AR	1

KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	14.87	1.37	0.06	5	3	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	1
							3	HNNC[339]M[147]ASHLTPAVYAR	1
							3	TTPTGWTLDQC[339]IQTGVDNPGHPFIK	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	1
KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	0.00	3.04	5.43	0.00	1	1	3	M[147]TSGRSGVGVAVTMEPC[339]RK	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	2.03	*	*	*	2	2	NLQDGGQISDTGDLGEDIASN	1
							2	VWNMDTFMPVGENK	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	*	2.72	*	*	*	2	2	PKVFSTTDLPSDDVSK	1
							3	C[339]QPVVTVDC[339]AR	1
KIFA3_HUMAN (Q92845) Kinesin-associated protein 3 (Smg GDS-associated protein) [MASS=91205]	*	1.39	*	*	*	1	2	FKDPLLKMKIR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	0.23	2.21	1.13	0.01	2	1	2	GTRPAPGGC[330]IQPR	1
							2	GTRPAPGGC[339]IQPR	1
KLD8A_HUMAN (Q8IYD2) Kelch domain-containing protein 8A [MASS=38899]	*	2.29	*	*	*	1	2	RLAPLPSR	1
KLHL7_HUMAN (Q8IXQ5) Kelch-like protein 7 [MASS=66005]	0.00	6.48	0.92	0.00	1	4	2	KM[147]C[330]VDFLK	1
							1	KTEKK	1
							3	HDYRIALFGGSQPQSC[330]R	1
							2	M[147]AASGVEK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	0.45	*	*	*	1	2	KEFGILAKTK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	10.00	0.99	0.12	2	3	2	NTGIIC[339]TIGPASR	1
							3	RLAPITSDPTEATAVGAVEASFK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	1

L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	*	0.95	*	*	*	1	2	WLRPSGPM[147]PADR	1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	0.00	3.14	0.93	0.00	1	2	2 REDVSGIASC[339]VFTK 3 QPGLVMERALLSDERVLK	1 1	
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	0.00	1.79	1.13	0.00	1	3	3 SLDGTTFSPWQYYAVSDSEC[339]LSR 3 NLSEIKLLISQARK 2 VKVM[147]TDLGSGPITLLTDR	1 1 1	
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	0.00	2.28	0.31	0.00	1	2	3 NQLLNYSAISNHGSKIEGLER 3 C[330]AVDAATAYENILNAIK	1 1	
							2 FVMYMGSRQATGDYMGVSLR 2 C[330]DRC[339]QEGHFGFNGC[339]GGC[339]R 1 LLGPQR	1 1 7	
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	*	1.19	*	*	*	3			
LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	0.00	2.21	2.61	0.00	1	2	3 C[330]KC[330]NGHASEC[330]GPDVAGQLAC[339]R 3 C[339]HPLGSQEDQC[339]HPK	1 1	
LARP4_HUMAN (Q71RC2) La-related protein 4 (La ribonucleoprotein domain family member 4) [MASS=80467]	0.00	4.98	2.33	0.00	1	2	3 ASTASPC[339]NNNINAATAVALQEPR 2 SSPM[147]VQVDEKGEK	1 1	
LAT3_HUMAN (O75387) Large neutral amino acids transporter small subunit 3 (L-type amino acid transporter 3) (Solute carrier family 43 member 1) (Prostate cancer overexpressed gene 1 protein) [MASS=61477]	0.00	3.22	0.78	0.00	1	1	3 IKDC[330]VDAPTQGTVLGDAR	1	
LBXCO_HUMAN (P84550) Ladybird homeobox corepressor 1 [MASS=99830]	*	3.52	*	*	*	2	2 RAGAMPISRR 2 GLGLATGASGPAGPGGGAGVVR 1 DLNPDIGTDK	1 1 6	
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	*	3.01	*	*	*	1			

LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	0.94	6.01	0.81	0.00	1	1	2	GM[147]YGIENEVFLSLPC[330]ILNAR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	*	1.40	*	*	*	1	2	C[339]ISRQFVC[330]DSDR	1
LIPA2_HUMAN (O75334) Liprin-alpha-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-2) (PTPRF-interacting protein alpha-2) [MASS=143141]	0.00	3.02	1.14	0.00	1	2	2 ETQESLSLAQQRLQDVIYDR 2 MMC[330]EVMPTINEDTPMSQR	1 1	
LMIP_HUMAN (P55344) Lens fiber membrane intrinsic protein (MP18) (MP19) (MP20) [MASS=19674]	0.00	15.61	2.58	0.00	1	1	3 FSWSYILGWVAVLMTFFAGIFYM[147]C[339]AYR	1	
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	1.00	2.99	1.07	0.01	3	2	2 C[339]GAIAEQTPILLFLLR 3 EVQM[147]HSFPLQFTLHC[339]ALLANK 2 C[330]GAIAEQTPILLFLLR	1 1 1	
LRBA_HUMAN (P50851) Lipopolysaccharide-responsive and beige-like anchor protein (CDC4-like protein) (Beige-like protein) [MASS=319159]	0.00	2.13	0.16	0.00	1	4	3 SIFSRRYLLQNTALEIFMANR 2 TLEGPENC[330]LKPK 3 GLDGPRPNQKEMLSLR 2 AESDLFLAEHHK	1 1 1 1	
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	0.75	3.91	1.33	0.00	1	2	3 HVRQLTIC[330]NM[147]LQGATELVAEPNRR 2 PDGLLEFAK	1 1	
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	*	17.57	*	*	*	2	2 ELEGYDKYM[147]ERFTATK 3 KLETLSLNNHRLRELSTFGQLSALK	1 1	
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	0.22	1.88	0.16	0.00	1	1	3 LETLPSQLGLC[330]SGLR	1	
LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	*	0.71	*	*	*	1	2 RLILQGNR	1	
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	0.43	*	*	*	2	3 GPC[330]SHM[147]C[339]LINHNR 1 SLSRAHK	1 1	

LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	0.56	*	*	*	2	2	VTLITENLGHPR	1
							3	LDGLFVSDLNGGHR	1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	*	1.13	*	*	*	1	3	VYWTDGTNRNIEVGNLDGSM[147]RK	1
LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	0.00	3.04	0.86	0.00	1	3	2	LQKLTASKNC[330]LEK	1
							3	GWGAREFDIFYQSYEELGR	1
							3	SLEGQEGLRQLIFHVTC[330]SMKDVGSTIGC[339]QR	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	2.66	0.21	0.00	1	1	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	*	1.67	*	*	*	1	3	NDC[339]TQLC[339]LSLNEERNLTK	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	0.00	1.68	1.87	0.00	1	2	3	SGVGRC[339]SMLIASNETWKK	1
							2	SVGKWEVKDC[339]R	1
LYPA1_HUMAN (O75608) Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophospholipase 1) (Lysophospholipase I) [MASS=24669]	0.00	7.83	7.58	0.00	1	1	3	M[147]C[339]GNNMSTPLPAIVPAAR	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	2.75	*	*	*	2	1	NTPQFTK	1
							3	EPSPKTEDNEGVLLEKLK	1
M4K2_HUMAN (Q12851) Mitogen-activated protein kinase kinase kinase kinase 2 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 2) (MEK kinase kinase 2) (MEKKK 2) (Germinal center kinase) (GC kinase) (Rab8-interacting protein) (B lymphocyte serine/threonine-protein) [MASS=91585]	*	0.73	*	*	*	1	1	VLGAHR	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.19	*	*	*	1	2	ALEKDAKNLQK	1

MAGB5_HUMAN (Q9BZ81) Melanoma-associated antigen B5 (MAGE-B5 antigen) (Fragment) [MASS=13018]	0.00	18.02	1.33	0.00	1	1	3	TGLLM[147]TFLVVIFLKGNC[339]ANK	1
MALT1_HUMAN (Q9UDY8) Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (EC 3.4.22.-) (MALT lymphoma-associated translocation) (Paracaspase) [MASS=92272]	*	2.06	*	*	*	1	2	NLQWAKAHELPEM[147]C[339]LK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.96	3.15	0.91	0.00	1	1	2	FGINC[330]LIQFEDFANANAFR	1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.98	2.57	0.82	0.00	1	3	2	YTRPTHLSLC[330]VK	1
							2	PSSILPPRRGVSGDR	1
							3	VQAKVGSLDNAHHVPGGGNVK	1
							2	ATGTFDNEIVMM[147]NHVYR	1
							2	SGNRKSLVVGTPSPTLSR	1
2	LGTGERLDGEAGR	1							
2	PSSLSADTAALSHAR	1							
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	4.89	*	*	*	4			
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	0.97	4.32	0.82	0.00	1	1	2	C[330]LLQIQASSGESK	1
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	1.00	1.79	0.99	0.00	2	1	2	ESLC[339]QAALGLILK	1
							2	ESLC[330]QAALGLILK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.99	11.19	1.25	0.00	1	4	3	EYEAEGIAKDGAKMVAAVAC[330]AQVPK	1
							2	LPC[339]IYLVDSGGAYLPR	1
							3	KQLRAQEIAMQNR	1
							2	AQEIAMQNR	1

MCF2L_HUMAN (O15068) Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein) (Fragment) [MASS=123983]	0.60	4.24	0.92	0.00	1	3	2	AKSEMSESRQGR	1
							2	C[330]FLERM[147]EDFQIYEKYC[330]QNK	1
							2	WC[339]DEGIYLLASQPVDK	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	*	4.04	*	*	*	3	2	VAHGALSDGAIDAVETQK	1
							3	DC[339]EEVGSAGAAYAAAALGVSNAAMEDLLTAATTGILR	1
							3	SEDMAEEDVYWLSALLQLKQLLQAK	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	0.00	2.56	0.92	0.00	1	1	3	NLYHNLC[330]TSLFPTIHGNDEVK	1
							3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							1	GYLGPEQLPDC[339]LK	1
							2	TIIP LISQC[339]TPK	3
							2	SQETEC[339]TYFSTPLLLGK	3
							2	GYLGPEQLPDC[339]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.33	0.08	20	6	2	GYLGPEQLPDC[330]LK	1
							1	GYLGPEQLPDC[330]LK	1
							2	GC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	1
							1	TIIP LISQC[339]TPK	3
							2	EGVVEC[339]SFVK	1
							2	SQETEC[330]TYFSTPLLLGK	1
							1	EGVVEC[339]SFVK	2
							1	TIIP LISQC[330]TPK	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	1.23	*	*	*	3	3	PPQLLKVQLGDQTD SKM[147]LLGMYR	1
							3	EVQTVSEHIQNC[339]LGSQTGGFAGIKK	1
							2	LLSVLAQVFTELAQKGFC[330]LPK	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	0.00	3.28	0.63	0.00	1	3	1	KNFFK	1
							3	EGRTC[330]IVIAHRLSTIQNADLIVVFQNGR	1
							2	LANDAAQVK	1
MDR3_HUMAN (P21439) Multidrug resistance protein 3 (EC 3.6.3.44) (P-glycoprotein 3) [MASS=140681]	0.00	1.09	*	*	*	1	2	AKLSAAHLFM[147]LFER	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.29	0.05	2	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MICA3_HUMAN (Q7RTP6) Protein MICAL-3 [MASS=109910]	0.00	1.74	0.54	0.00	1	1	2	KFYGKFC[330]AGAIDHSIR	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	0.97	2.27	1.00	0.00	1	1	2	DC[339]ALSPDELKDLFK	1
							1	SC[339]HK	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	*	4.49	*	*	*	3	2	VHYLFGGNPGKSC[339]SPKMR	1
							3	LC[330]RPSKDYLRL	3
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.98	6.36	1.76	0.00	1	2	3	VC[339]NLIDSGTKEGASILLDGR	1
							2	C[339]M[147]ALSTAVLVGEAK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	3.64	*	*	*	1	2	VIGPRHPIR	1
MOT8_HUMAN (P36021) Monocarboxylate transporter 8 (MCT 8) (X-linked PEST-containing transporter) (MCT 7) [MASS=66400]	*	2.12	*	*	*	1	2	PLLSSQDTPSKR	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	0.00	4.11	1.48	0.00	1	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	1.00	10.22	1.12	0.04	3	3	2	FAC[339]FER	1
							2	GWAPTFLGYSM[147]QGLC[339]K	1
							2	LPRPPPEM[147]PESLKK	1
							2	GWAPTFLGYSM[147]QGLC[330]K	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	*	2.60	*	*	*	1	3	EISGVEDWKITNQILVDR	1
MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	0.00	5.64	0.78	0.00	1	2	3	LPSMVEASDFEINGLDFMFLSEEK	1
							3	IHSC[330]ESISLGLSTFM[147]IDLNQVAK	1

MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	4.29	0.89	0.20	3	1	2	LC[339]SGVLGTVVHGK	2
							2	LC[330]SGVLGTVVHGK	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.3.-) [MASS=75806]	0.00	2.27	1.82	0.00	1	1	3	C[339]KNFQIQLIIPQER	1
MTX1_HUMAN (Q13505) Metaxin-1 [MASS=35777]	0.00	5.36	*	*	*	1	2	WYAEAM[147]PFPLNFFLPGR	1
MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	0.00	0.37	2.76	0.00	1	1	2	VPC[339]STVPVTTEVSYAGC[339]TK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	0.00	1.31	1.89	0.00	1	3	2	RPTGDFGFSLRR	1
							2	M[147]FNLM[147]K	1
							2	VM[147]HMFKGC[339]R	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	0.21	2.20	0.85	0.00	1	6	3	GESHWWM[147]KGSTPTQISEIIK	1
							3	NAIAETIIALTKM[147]EEEEFR	1
							3	SPVRC[339]IATTR	1
							2	MGVASTEEETQAVM[147]KVYSK	1
							2	KIIKM[147]EGK	1
3	DLALPIGNELEEDLEILEEAAALQVC[330]K	1							
MYEF2_HUMAN (Q9P2K5) Myelin expression factor 2 (MyEF-2) (MST156) [MASS=64179]	0.00	5.33	0.99	0.00	1	2	3	GC[330]GVVEFKDEEFVKK	1
							2	MDDKSVPHHEEYRSHDGK	1
MYO6_HUMAN (Q9UM54) Myosin-6 (Myosin VI) [MASS=148713]	*	0.62	*	*	*	1	2	YM[147]PDKLAR	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	1.23	*	*	*	1	2	EGETVTLKC[330]TMLVTPDLK	1
MYP2_HUMAN (P02689) Myelin P2 protein [MASS=14778]	0.78	4.58	2.20	0.00	1	1	2	M[147]VAEC[339]K	1
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	1.29	*	*	*	1	3	ISC[339]SGHLM[147]VQSLPIRSR	1

							2	VC[330]GSNLLSIC[330]K	2
							1	TSASIGSLC[330]ADAR	1
							2	VC[339]GSNLLSIC[339]K	2
							1	TSASIGSLC[339]ADAR	1
							1	VC[339]GSNLLSIC[339]K	1
							2	VC[339]HC[339]LGK	1
							2	TSASIGSLC[330]ADAR	3
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	14.13	0.94	0.05	13	4			
							2	LMGRGTKF	1
							1	LMGRGTKF	1
							2	TSASIGSLC[339]ADAR	3
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	2.05	0.86	0.00	1	2	3	TLYYDVEPFLFYVLTQNDVKGC[330]HLVGYFSK	1
							3	GM[147]WIC[330]QIC[330]RPR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.98	38.66	1.33	0.00	1	4	2	EM[147]FGYMK	1
							2	LLYIGFLGYC[339]SGLIDNLIR	1
							2	FLPDEARSLPPP	1
							1	RNPEPLR	1
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na(+)/Ca(2+)-exchange protein 3) [MASS=103009]	*	0.86	*	*	*	1	2	REMIRILK	1
NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	*	1.15	*	*	*	2	3	HSNC[330]IIDLEK	1
							1	GLLPLSS	1

NALP4_HUMAN (Q96MN2) NACHT, LRR and PYD-containing protein 4 (PYRIN-containing APAF1-like protein 4) (PAAD and NACHT-containing protein 2) (PYRIN and NACHT-containing protein 2) (Ribonuclease inhibitor 2) [MASS=113445]	0.00	3.02	2.19	0.00	1	1	3	LLFVIDSFEEELQGGLNEPDSLDC[339]GDLMEKR	1
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	*	2.16	*	*	*	1	1	VSPKRGVPK	1
NARG1_HUMAN (Q9BXJ9) NMDA receptor-regulated protein 1 (N-terminal acetyltransferase) (Tubedown-1 protein) (Tbdn100) (Gastric cancer antigen Ga19) [MASS=101272]	*	1.73	*	*	*	1	3	AIELATTLDESLTNR	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.78	1.01	0.00	2	3	2 FFLC[330]QVAGDAK 2 KVDKNDEAEYIC[330]IAENK 3 GEINFKDIQVIVNVPPTIQAR	1 1 1	
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	4.06	*	*	*	2	3 GSNTELTVRNIINSDGGPYVC[330]RATNK 2 EVASEIWK	1 1	
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	0.28	0.82	0.20	0.00	1	1	3 QGM[147]SM[147]RESPVSAPLEGLIC[330]R	1	
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	*	5.66	*	*	*	1	3 M[147]ADSGGQPQLTQPGKLTEAFK	1	
NDUA4_HUMAN (O00483) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase MLRQ subunit) (Complex I-MLRQ) (CI-MLRQ) [MASS=9370]	0.91	14.81	1.26	0.05	2	1	2 LALFNPDVC[339]WDR	2	
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.90	13.91	0.70	0.00	1	1	2 TTGLVGLAVC[330]NTPHER	1	

<p>NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]</p>	0.98	8.04	1.65	0.00	1	1	2	LSNNYYC[330]TR	1
								2	AAAHHYGAQC[330]DKPNK
<p>NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]</p>	1.00	17.54	1.15	0.05	10	3	2	C[330]ALDFFR	2
							1	C[339]ALDFFR	2
							2	FDEC[330]VLDK	1
							2	C[339]ALDFFR	3
							1	FDEC[330]VLDK	1
<p>NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]</p>	1.00	8.17	1.58	0.02	2	2	2	TFLPEM[147]SEKC[339]EVLQYSAR	1
							2	KQC[339]VDHYNEVK	1
<p>NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]</p>	0.97	16.43	1.54	0.00	1	1	3	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
<p>NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]</p>	1.00	13.97	1.26	0.14	3	2	2	DYC[330]AHHLIR	1
							2	DYC[339]AHHLIR	1
							2	DSFPNFLAC[330]K	1
<p>NDUB9_HUMAN (Q9Y6M9) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B22 subunit) (Complex I-B22) (CI-B22) [MASS=21700]</p>	0.99	7.87	1.08	0.00	1	1	2	VPEWC[330]LDDWHPSEK	1

NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.95	6.43	1.29	0.00	1	1	2	EGQNYQQNC[339]IK	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	*	2.24	*	*	*	1	2	HLQELVGQETLPR	1
NFKB2_HUMAN (Q00653) Nuclear factor NF-kappa-B p100 subunit (DNA-binding factor KBF2) (H2TF1) (Lymphocyte translocation chromosome 10) (Oncogene Lym-10) (Lyt10) [Contains: Nuclear factor NF-kappa-B p52 subunit] [MASS=96677]	0.00	2.34	1.13	0.00	1	1	2	LGPPPEPPGGLC[330]HGHPQPQVH	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	0.29	5.59	1.27	0.00	1	1	3	LQFHNVKPEC[339]LEAYNK	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.79	5.20	0.98	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	0.00	1.09	0.08	0.00	1	1	3	SC[330]LSNM[147]PTYSGHFTMR	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	3.87	1.08	0.09	3	3	2	KTC[339]DALQAK	1
							2	EANSIIITPGYGLC[339]AAK	1
							2	QGFNVVVEGAGEASK	1
							2	EANSIIITPGYGLC[330]AAK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	3.68	*	*	*	2	3	QSQFLNVTATEDYVDPVTNQTK	1
							3	ALGLLC[330]GKDADAC[330]NATNWIEYM[147]FNK	1
NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]	0.00	2.68	1.12	0.00	1	1	3	GFQEAFLQLC[339]QKR	1

NR1H2_HUMAN (P55055) Oxysterols receptor LXR-beta (Liver X receptor beta) (Nuclear orphan receptor LXR-beta) (Ubiquitously-expressed nuclear receptor) (Nuclear receptor NER) [MASS=51102]	0.00	2.60	9.38	0.00	1	1	3	GGGTC[339]QM[147]DAFMR	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	2.35	*	*	*	2	3 1	VALVKVLDKWPLR TSAGPRR	1 1
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	0.00	3.25	0.43	0.00	1	1	3	LVSPVVYSQNSAHC[330]M[147]TFWYHMSGSHVGLR	1
NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	*	1.63	*	*	*	2	3 2	EPGIPSLTPQAELPEPAVRSEK LLENDLDPGFMPKKGDLGLSK	1 1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	6.32	1.17	0.03	3	3	1 2 2 3	GILLYGPPGC[339]GK GILLYGPPGC[339]GK QC[330]IGTM[147]TIEIDFLQK LGANGLHIIIFDEIDAIC[339]K	1 1 1 1
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	0.00	1.38	4.25	0.00	1	1	2	NC[339]LVGQGLVVK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	0.00	3.04	0.39	1.54	2	2	3 2	MNLTQLYGSNTAGYIVC[330]R MNLTQLYGSNTAGYIVC[339]RGVHK	1 1
NUAK1_HUMAN (O60285) NUA family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	0.00	4.08	1.14	0.00	1	1	3	MEQDLC[339]RTGVLLPSSPEAEVPGKLSPK	1

NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	15.82	1.30	0.07	5	7	3	DLLNRVDSDTLC[339]TEEVFPTAGAGTDLR	1
							2	VLFLLGADGGC[339]ITR	1
							2	C[339]IQC[330]TRC[339]IR	1
							2	VLFLLGADGGC[330]ITR	1
							3	DC[339]FIYQGHGHDVGAPIADVILPGAAYTEK	1
							1	FC[339]YHER	1
							2	C[339]IQC[330]TRC[330]IR	1
							2	C[339]VKAVTEGAQAVEEPSIC[339]	1
							2	VVAAC[339]AM[147]PVM[147]K	1
							2	LLEGC[339]LVGGR	2
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	16.16	1.13	0.06	7	5	2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDVFVVR	2
							2	PSDGRPKYLVVNADEGEPGTC[330]K	1
							2	LLEGC[330]LVGGR	1
2	YLVVNADEGEPGTC[339]KDR	1							
NUCGL_HUMAN (Q9Y2C4) Endonuclease G-like 1 (EC 3.1.30.-) (Endo G-like) [MASS=41127]	0.98	3.53	1.03	0.00	1	1	2	C[339]YTNHALSYDQAK	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	*	3.89	*	*	*	1	2	NITLNFGPQHAAHGVLRL	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	*	4.69	*	*	*	1	2	FGVFRASPR	1
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	0.00	1.80	*	*	*	3	2	LRLQAETASNSARAER	1
							1	QAASPLEPK	1
							3	HQVEQLSSSLK	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	0.99	12.10	1.05	0.00	1	1	1	VIAC[330]DGGGGALGHPK	1
							2	VIAC[339]DGGGGALGHPK	1
NUP50_HUMAN (Q9UKX7) Nucleoporin 50 kDa (Nuclear pore-associated protein 60 kDa-like) [MASS=50144]	0.00	3.21	1.31	0.00	1	1	2	HVNTNPLC[339]DLTPIFK	1

NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	8.59	0.32	0.00	1	2	2	IFGESIM[147]IGVKPC[330]IDK	1
							2	ISTM[147]RPLATAYK	1
O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	*	3.80	*	*	*	1	2	ELKNAINKNFC[339]R	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	0.00	11.46	0.55	0.00	1	2	3	NNVTEFILLGLTQNPEGQK	1
							3	YM[147]AIC[330]KPLHELITMNR	1
O51B4_HUMAN (Q9Y5P0) Olfactory receptor 51B4 (Odorant receptor HOR5'beta1) [MASS=34926]	0.00	2.90	4.17	0.00	1	1	2	YNC[339]ILTNSR	1
							1	TLSPGPK	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.82	0.28	0.00	1	10	3	LLEPVC[339]GELGGTVTLAC[330]ELSPAC[330]AEVVWR	1
							3	AEGAPASPPSTGTR	1
							3	LQVAELEPQISER	1
							1	LSSSSK	1
							2	EGATAVLQC[330]ELNSAAPVEWR	1
							2	TSAMLTVRAM[147]PSK	1
							2	LEVRVKPVVFLK	1
							2	GTAVFTC[339]KTEHPAATVTWRK	1
							2	VVFAKEQPVHR	1
							ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2- methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.99	14.73
3	PVIMPPEVAIGALGSIKAI PRFNQK	1							
2	IPHFGYC[339]DEIDLTELVK	1							
2	IPHFGYC[339]DEIDLTELVKLR	1							
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.99	1.30	0.82	0.00	1	1	2	KELEQIFC[339]QFDSK	1

ODP2_HUMAN (P10515) Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	1.00	9.77	1.03	0.06	4	3	2	DVPIGAIIC[330]ITVGKPEDIEAFK	1
							3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
							1	ASALAC[339]LK	1
							2	DVPIGAIIC[339]ITVGKPEDIEAFK	1
							2	ASALAC[330]LK	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.99	7.80	0.96	0.00	1	1	3	GPNGASAGVAAQHSQC[330]FAAWYGHC[330]PGLK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.98	3.79	1.28	0.00	1	1	2	STVPHAYATADC[339]DLGAVLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	*	7.29	*	*	*	3	3	TQEQC[330]VHNETKNELEK	1
							3	C[339]NEEHPAYLASDEITTVRKNLESR	1
							3	M[147]VLVDLPGVINTVTSGMAPDTKETIFSISK	1
OPTN_HUMAN (Q96CV9) Optineurin (Optic neuropathy-inducing protein) (E3-14.7K-interacting protein) (FIP-2) (Huntingtin-interacting protein HYPL) (NEMO-related protein) (Transcription factor IIIA-interacting protein) (TFIIIA-IntP) [MASS=65922]	0.00	6.41	*	*	*	2	3	KLELQVESMLSEIKMEQAK	1
							2	LQAEKADLLGIVSELQLK	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	*	2.44	*	*	*	1	3	FRPLSSELFaelnkpQESAak	1
OX1R_HUMAN (O43613) Orexin receptor type 1 (Ox1r) (Hypocretin receptor type 1) [MASS=47522]	*	4.24	*	*	*	1	2	M[147]EPSATPGAQMgvppGSR	1
OZF_HUMAN (Q15072) Zinc finger protein OZF (Only zinc finger protein) (Zinc finger protein 146) [MASS=33280]	0.00	5.14	4.42	0.00	1	1	2	IYSGENPFAC[339]KVC[339]GK	1

P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	0.00	7.21	0.41	0.00	1	1	3	ETTLFLAATNIC[330]M[147]DPLIYIFLC[330]KK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	*	3.53	*	*	*	1	3	LESELIKSAEGLGFSYTEPNYWIR	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	1.60	0.00	1	1	3	SLLHMISNDIGQLAC[339]LHAR	1
							2	VTVAGLAGKDPVQC[339]SR	2
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	27.51	0.99	0.06	4	3	2	VTVAGLAGKDPVQC[330]SR	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							3	MM[147]NGGHYTYSENK	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	0.00	0.61	1.53	0.00	1	1	2	C[339]TTNLM[147]PAEKIK	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]	*	2.55	*	*	*	1	2	HGDLLEVNLLQNGILFVNSRIDREK	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C-endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	0.00	9.64	1.11	0.00	1	2	3	FIDLESDNLC[330]RYDFVDVYNGHANGQR	1
							2	YC[339]GDSPPAPIVSR	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-) (Apoptosis-inducing factor) [MASS=66900]	*	4.08	*	*	*	2	1	TTLFR	1
							2	EGVKVM[147]PNAIVQSVGVSSGK	1
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	0.00	7.48	4.80	0.00	1	3	3	EAQAVLAC[339]FLDKHHDIIIDHRNPR	1
							3	RHSSMARIHSMTEAPITK	1
							2	TAALPRTRGAGLLESELK	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	0.99	5.65	0.63	0.00	1	2	2	HIGSIDPNC[339]NVSEVVK	1
							2	TSFTFLR	1

PDK3_HUMAN (Q15120) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 3) [MASS=46939]	0.99	8.87	1.18	0.00	1	2	2	HIGSIDPTC[339]NVADVVK	1
							3	QFLDFGRDNAC[330]EKTSYMFLR	1
PDYN_HUMAN (P01213) Beta-neoendorphin-dynorphin precursor (Proenkephalin B) (Prodynorphin) [Contains: Beta-neoendorphin; Dynorphin; Leu-enkephalin; Rimorphin; Leumorphin] [MASS=28385]	0.00	7.09	1.79	0.00	1	1	3	C[339]QSFLSFFTPSTLGLNDK	1
							2	DSQVPVTSSVVPEAK	1
							2	IWKMELLK	1
							3	PPLATSGPLKPSVSDTSIR	1
							1	VSISSSK	1
							3	C[330]PPGPVRLVIGRHPNPK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	3.06	*	*	*	8	2	AC[330]PGGSGPK	1
							1	SFSMAK	2
							1	EPGKPR	5
PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPpp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.86	4.84	0.94	0.00	1	1	2	C[339]DEPILSNR	1
PERQ1_HUMAN (O75420) PERQ amino acid rich with GYF domain protein 1 [MASS=89740]	0.00	1.59	0.59	0.00	1	1	3	SC[330]FGASTWGLSMK	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	0.88	4.09	0.86	0.00	1	1	2	AC[330]ANPAAGSVILLENLR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	5.34	*	*	*	1	3	FFYSQGAQARRATLLLPPTLM[147]AASSEDDIDR	1

PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	0.95	*	*	*	1	1	LGHLLHIR	1
PI51C_HUMAN (O60331) Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	*	4.64	*	*	*	2	2 3	GERLLLLHIGIIDILQSYR NIRVVVMNNILPR	1 1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	0.00	3.26	1.27	0.00	1	2	2 3	VYHVGMIHPSWFRSILPKAALR FDFEITDLFLFGC[339]PLGLVLALR	1 1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	*	1.76	*	*	*	3	2 2 2	SERFSPQPGTSPEKVNC[339]SYHR NLSTLQLM[147]GSYTEIR GPSPGWFIHVM[147]VK	1 1 1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.79	3.72	0.42	0.13	2	2	2 3	KIANN[C330]IFIVIHR AEM[147]PNQLRKQLEAIIATDPLNPLTAEDK	2 1
PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	0.00	3.32	*	*	*	3	2 1 3	HFVLGTSAYFESLVELVSYYEK RNSISLR PDASAVYLRDFQR	1 1 6
PLRG1_HUMAN (O43660) Pleiotropic regulator 1 [MASS=57193]	*	2.92	*	*	*	1	2	SLKRTHDM[147]FVADNGK	1

PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	*	2.30	*	*	*	2	3	IEPEWSIASGHTPLTITGFNLDVIQEPR	1
							2	YLSSEDKLIRQQIEYK	1
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	0.00	1.66	0.99	0.00	1	2	3	TLTLHC[339]VC[339]PENEGSAQVPVK	1
							3	LQLLSKETGVR	1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	*	1.25	*	*	*	2	2	RDTTHNLPEFIVKFGSR	1
							1	ISVAGR	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	0.00	4.05	0.75	0.00	1	4	3	NLNVSFQGC[339]GM[147]DSL SVRAMDTDTLTQVKEK	1
							2	GNISAVAVR	1
							3	C[339]SLASLLTIALHGKLEYYSIM[147]K	1
							2	GPLQPM[147]AGTC[330]PAPEIR	1
PO3F2_HUMAN (P20265) POU domain, class 3, transcription factor 2 (Nervous system-specific octamer-binding transcription factor N-Oct-3) (Brain-specific homeobox/POU domain protein 2) (Brain-2) (Protein Brn-2) [MASS=46892]	0.00	6.77	1.30	0.00	1	2	2	PSVVVQQGGR	1
							3	C[339]PKPSAQEITSLADSLQLEK	1
PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.00	7.22	*	*	*	2	1	TSIENRVR	1
							2	VFSQTTIC[339]RFEALQLSFK	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	1.00	3.03	1.11	0.00	2	1	2	GNHEC[330]ASINR	1
							2	GNHEC[339]ASINR	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	0.75	8.54	0.85	0.00	1	1	2	IIPGFM[147]C[330]QGGDFTR	1
PPT1_HUMAN (P50897) Palmitoyl-protein thioesterase 1 precursor (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1) [MASS=34193]	0.38	7.84	0.50	0.00	1	1	3	C[330]PSPPM[147]INLISVGGQHGVFGLPR	1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	0.00	10.71	0.19	0.00	1	2	3	M[147]LKM[147]AEPIASLMIVEC[339]RAC[330]LR	1
							3	DTSGESDVRC[330]VNEVIPKGHIFGPYEGQISTQDK	1
							3	MLKMAEPIASLMIVEC[330]RAC[330]LR	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	2.52	*	*	*	2	3	LC[330]HLVAQGRSSLPPNLEIRR	1
							3	HIMEVHKEKGXGC[330]SIC[339]NR	1

PRD16_HUMAN (Q9HAZ2) PR domain zinc finger protein 16 (PR domain-containing protein 16) (Transcription factor MEL1) [MASS=140261]	*	5.41	*	*	*	3	3	MFPNKYSLEQHM[147]VIHTEEREYK	1
							3	DC[339]ERMFPNKYSLEQHM[147]VIHTEER	1
							3	PEGLGGSGQAHEC[330]KDC[330]ERM[147]FPNK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	41.80	0.56	0.05	2	4	3	NGGLGHM[147]NIALLSDLTKQISR	1
							2	YLVLFYPLDFTFVC[339]PTEIVAFSDK	1
							3	AFQYVETHGEVC[339]PANWTPDSPTIKPSAASK	1
							3	ANEFHDVNC[339]EVVAVSVDHSHLAWINTPR	1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026])	1.00	7.48	1.09	0.01	3	1	2	GVLFGVPGAFTPGC[339]SK	2
							2	GVLFGVPGAFTPGC[330]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	*	2.29	*	*	*	2	3	EEAVALGVGLC[330]NNGFMHHVLEKSEFR	1
							3	GPVM[147]SRAFEETK	1
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.99	6.01	0.92	0.00	1	2	2	M[147]DVLAKKATEMGVR	1
							2	FNVEKPLIFNTYQC[339]YLK	1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	3.89	*	*	*	1	3	TSEEMGAGAPMREPGSPAESEGR	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	3.14	0.28	0.70	3	2	3	RIVLVDDREC[330]PVR	3
							3	GVAFVGGFSYADVLSAKGWAAAVTFHPR	1
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	0.00	4.98	4.13	0.00	1	1	3	LLVVSTQLSHC[339]JR	1

PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.98	0.76	1.42	0.00	1	1	1	AGTHILC[339]IK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	1.00	6.99	0.90	0.08	2	2	2	ALIHSAC[330]VK	1
							2	VHAC[339]GVNPNVETYIR	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	11.98	0.47	0.84	3	2	2	HHC[330]PNTPIILVGTK	1
							1	AVLC[330]PPPVK	1
							3	HHC[330]PNTPIILVGTK	1
RAMP1_HUMAN (O60894) Receptor activity-modifying protein 1 precursor (CRLR activity-modifying protein 1) (Calcitonin-receptor-like receptor activity-modifying protein 1) [MASS=16988]	0.00	8.11	0.73	0.00	1	1	2	LGC[330]FWPNAEVDR	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	1.07	*	*	*	2	2	KNEEMQNVR	1
							1	EIVLEDLK	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	*	1.02	*	*	*	1	3	YWVERAAKLFPGSPAIIYK	1
RECK_HUMAN (O95980) Reversion-inducing cysteine-rich protein with Kazal motifs precursor (hRECK) (Suppressor of tumorigenicity 15) (ST15) [MASS=106457]	0.00	2.27	0.30	0.00	1	2	2	MPFINIPVLDIK	1
							2	C[330]PSLLAAGC[330]K	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	4.06	1.85	0.00	1	2	2	M[147]EGVGQLPASYRHNR	1
							3	TPSPGDTPSMYC[339]EAK	1
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	0.00	5.57	0.28	0.00	1	4	3	NRVAGGWETQYM[147]C[330]C[330]SAAAGSVGC[330]QVAK	1
							2	NIYLNVAVENTLKKLR	1
							2	GGGGGGALEYVPKAVSQPR	1
							2	PKDSSC[339]R	2
RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	0.00	8.29	0.98	0.00	1	1	2	TEYSEENMLFWLAC[330]EELK	1

RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	24.35	0.87	0.04	3	3	3	KLVIVGDGAC[339]GKTC[339]LLIVFSK	1
							2	HFC[339]PNVP IILVGNK	1
							2	HFC[330]PNVP IILVGNK	1
							2	IGAFGYM[147]EC[339]SAK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.99	7.14	1.01	0.00	1	1	2	HFC[330]PNVP IILVANK	1
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	*	3.46	*	*	*	2	2	RIGLYRHFDETVNR	1
							1	DPAAEAR	1
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	0.00	0.48	*	*	*	1	1	NAELAVIAK	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	0.00	3.70	1.92	0.00	1	1	3	KDC[339]ANVNDFFMRHSAVMTVR	1
RIPK2_HUMAN (O43353) Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (RIP-like-interacting CLARP kinase) (Receptor-interacting protein 2) (RIP-2) (CARD-containing interleukin-1 beta-converting enzyme-associated kinase) (CARD-containi [MASS=61195]	*	4.81	*	*	*	1	2	SSKSAPEGGTIIYM[147]PPENYEPGQKSR	1
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	*	3.23	*	*	*	2	3	KVAQEAIESLSASK	1
							2	QEEMKDM[147]IVETLNTMK	1
RIR2B_HUMAN (Q7LG56) Ribonucleoside-diphosphate reductase M2 subunit B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2) [MASS=40736]	*	4.27	*	*	*	1	2	EFLFNAIETM[147]PYVKK	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	0.00	6.02	0.23	0.00	1	1	3	KVLC[330]LAVAVGHVK	1

RL24_HUMAN (P83731) 60S ribosomal protein L24 (Ribosomal protein L30) [MASS=17779]	0.00	7.64	0.81	0.00	1	1	2	M[147]KVELC[330]SFSGYK	1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	1.00	13.02	0.95	0.01	2	2	2	TIC[339]SHVQNM[147]IK	1
RNBP6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	*	2.17	*	*	*	1	3	MRPGVAC[330]SVSQAQK	1
RNF31_HUMAN (Q96EP0) RING finger protein 31 (Zinc in-between-RING-finger ubiquitin-associated domain protein) [MASS=119651]	*	3.64	*	*	*	2	3	TQSDLNNM[147]EDDDPQTSYM[147]VSAWAR	1
							2	GLGLGTEGPQGTGGLEPDLAR	1
							2	LLQDNNVMFNTEPPAGAR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	3.45	*	*	*	2	3	SSTGDIIQFIYGGDGLDPAAMEGKDEPLEFKR	1
							2	KNIC[330]HHC[339]GAFNGTVKK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	0.00	16.36	0.84	0.00	1	2	2	STPRM[147]SPQAREDQLQR	2
							3	LNC[339]VFTVETDGFISYIYGSK	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	*	3.06	*	*	*	1	2	QDGDSSHGQPERQDRDRSHHGQSEK	1
RPTOR_HUMAN (Q8N122) Regulatory-associated protein of mTOR (Raptor) (P150 target of rapamycin (TOR)-scaffold protein) [MASS=149037]	0.00	2.40	1.53	0.00	1	2	3	HC[339]EKIEGSKSLAQSWR	1
							2	GPEQTADDADDAAGHK	1
RS8_HUMAN (P62241) 40S ribosomal protein S8 [MASS=24074]	0.00	5.80	0.34	0.00	1	1	2	NC[330]IVLIDSTPYR	1
RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	*	7.50	*	*	*	1	3	C[339]ILQDGRIFIGTFKAFDK	1
RT06_HUMAN (P82932) Mitochondrial 28S ribosomal protein S6 (S6mt) (MRP-S6) [MASS=14095]	0.40	16.94	0.95	0.00	1	1	3	HPLTQELKEC[330]EGIVPVPLAEK	1
RT32_HUMAN (Q9Y6G3) Mitochondrial 28S ribosomal protein S32 (S32mt) (MRP-S32) [MASS=16661]	*	4.23	*	*	*	1	1	NLNPPK	1
RTEL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	*	0.86	*	*	*	1	3	FSM[147]FVRPHHKQR	1

RTN4_HUMAN (Q9NQC3) Reticulon-4 (Neurite outgrowth inhibitor) (Nogo protein) (Focnen) (Neuroendocrine-specific protein) (NSP) (Neuroendocrine-specific protein C homolog) (RTN-x) (Reticulon-5) [MASS=129930]	0.47	6.46	1.36	0.00	1	3	3	EPENINAALQETEAPYISIAc[330]DLIK	1
							3	SEIANAPDGAGSLPC[339]TElPHDLsLKNIQPK	1
							3	IPLQMEELSTAVYSNDdLFISK	1
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	30.48	1.28	0.02	3	1	3	KLDTNSDGQLDFSEFLNLIGGLAM[147]Ac[339]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAMAc[339]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAM[147]Ac[330]HDSFLK	1
S5A1_HUMAN (P18405) 3-oxo-5-alpha-steroid 4-dehydrogenase 1 (EC 1.3.99.5) (Steroid 5-alpha-reductase 1) (SR type 1) (S5AR) [MASS=29458]	0.00	10.42	3.60	0.00	1	2	3	C[339]LIYPFLM[147]R	1
							2	SAPNC[330]ILLAMFLVHYGHR	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	1.20	0.63	0.00	1	2	3	LRSDGAELLMFLNHM[147]EKISIC[339]EIDK	1
							3	VFHALMKAGC[330]IQLALNKIC[330]SK	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	7.89	1.18	0.04	3	3	2	IC[339]DGVQFGAGIR	1
							2	TKDDIIIC[339]EIGDVFk	1
							2	TKDDIIIC[330]EIGDVFk	1
							2	EKLLRLGIFR	1
SAMH1_HUMAN (Q9Y3Z3) SAM domain and HD domain-containing protein 1 (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5) [MASS=72200]	0.67	2.56	2.43	0.00	1	1	3	ENEITGALLPC[339]LDESr	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	5.34	1.06	0.06	6	2	2	GC[339]SFLPDPYQK	3
							2	GC[330]SFLPDPYQK	3
							3	VASKNVIPALELVEPIK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	6.77	0.78	0.01	2	2	3	M[147]IILPLVVC[339]SLVSGAASLDASC[330]LGR	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	1
SCAM4_HUMAN (Q969E2) Secretory carrier-associated membrane protein 4 (Secretory carrier membrane protein 4) [MASS=25728]	0.00	10.92	0.90	0.00	1	1	3	FIPVKPC[330]FYQNFsDEIPVEHQVLVK	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.24	0.24	5	3	2	STGC[339]DFAVSPK	2
							2	STGC[330]DFAVSPK	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
							2	C[339]TLPLTGK	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.00	4.11	0.88	0.00	1	1	2	TQSPC[330]FGDDDPAPKEPR	1
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	*	1.30	*	*	*	1	2	ALVYWQFQRR	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	1.54	*	*	*	1	3	IPYPRPGTC[330]PSK	2
SENP6_HUMAN (Q9GZR1) Sentrin-specific protease 6 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP6) (SUMO-1-specific protease 1) [MASS=126144]	0.00	2.07	2.23	0.00	1	2	1	KARMK	1
							2	RHC[339]STYQPTPPLSPASKK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	0.97	3.20	0.94	0.00	1	1	2	ADTLTPEEC[330]QQFKK	1
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	0.98	12.86	1.06	0.00	1	3	3	DESYRPVDYIDAQFENYLQEELK	1
							2	SVTQGFNFILC[339]VGETGIGK	1
							3	NRSDIGAHQPGMSLSSSK	1
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	0.99	3.57	1.04	0.00	1	1	2	ALVDHENVISC[330]PHLGASTK	1
SETB2_HUMAN (Q96T68) Probable histone-lysine N-methyltransferase, H3 lysine-9 specific (EC 2.1.1.43) (Histone H3-K9 methyltransferase) (H3-K9-HMTase) (SET domain bifurcated 2) (Chronic lymphocytic leukemia deletion region gene 8 protein) [MASS=81854]	*	2.09	*	*	*	1	2	EILSLEDKVVDFREK	1
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	*	5.14	*	*	*	3	3	PM[147]PPHMMHRGPPPGGGFAMPPPHGM[147]K	1
							3	HRDLEERNR	1
							3	MDAVNAFNQELFSLMDM[147]KPPISR	1
SFRP3_HUMAN (Q92765) Secreted frizzled-related protein 3 precursor (sFRP-3) (Frizzled-related protein 1) (FrzB-1) (Frezzed) (Fritz) [MASS=36254]	0.00	4.00	0.10	0.00	1	1	3	MVC[330]GSPGGMLLLR	1

SFRP4_HUMAN (Q6FHJ7) Secreted frizzled-related protein 4 precursor (sFRP-4) (Frizzled protein, human endometrium) (FrpHE) [MASS=39827]	0.00	3.76	0.26	0.00	1	1	2	M[147]M[147]LLENC[330]LVEKWR	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.76	2.98	1.19	0.00	1	1	2	LTC[330]QVEHDGQPAVSK	2
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045]	*	9.61	*	*	*	1	3	PTTGLLAITLALHLC[330]DLVHIAGFGYPDAYNKK	1
SIN3B_HUMAN (O75182) Paired amphipathic helix protein Sin3b (Transcriptional corepressor Sin3b) (Histone deacetylase complex subunit Sin3b) [MASS=133066]	*	1.29	*	*	*	1	3	EM[147]FTIHAYVGFTMDK	1
SIPA1_HUMAN (Q96FS4) Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) [MASS=112148]	0.00	5.85	1.03	0.00	1	3	3 VAAGAQASGPEGIEVPC[330]LLGISAEALVLVAPR 3 SGSDAGEARPPPTPASPRAR 2 PGSPSGSEDK	1 1 1	
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.22	8.29	1.24	0.00	1	2	3 GLQLTWLENGNVS 3 ATPEHTVSFTC[339]ESHGFSPR	1 1	
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	1.00	12.08	1.01	0.01	2	2	3 C[339]EDC[339]QSLVKPDIVFFGESLPR 3 EKAGQSDPFLGM[147]IM[147]GLGGGM[147]DFDSK 3 C[330]EDC[330]QSLVKPDIVFFGESLPR	1 1 1	
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	*	3.82	*	*	*	2	2 KRLSTIDELDELFPSR 3 C[330]ETPVQFANIELKSLK	1 1	
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	0.00	2.22	0.73	0.00	1	2	3 INEPIC[330]QC[330]LPGYQGEK 3 TSPC[339]DNFDC[339]QNGAQC[339]IVR	1 1	

SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	0.00	3.43	0.93	0.00	1	2	2	GGVPGGC[339]VLVPR	1
							1	M[147]FRSK	2
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	0.00	1.45	1.19	0.00	1	1	2	QHGAQEAPPFC[339]FR	1
							2	ESELTDEDITTILERGEKK	1
							2	LLNILM[147]QLRK	1
							2	GYEYC[339]R	18
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	9.12	*	*	*	6			
SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]	0.00	1.50	0.52	0.00	1	6	3	NYTEEDRFLIC[330]MLHKM[147]GFDR	1
							3	PPKQPNVQDFQFFPPR	1
							2	ILM[147]KDIDVLNSSGKMDK	1
							2	DWPLHVMK	1
							1	AVRDPK	1
							3	NSC[330]FSEDQMAK	1
1	FSSSAK	1							
2	SM[147]SYSDESRLSNLLR	1							
2	GIIPQLFSR	2							

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	0.00	4.26	0.30	0.00	1	2	3	SDMEWTSSSKINALM[147]HALTDLRK VIEDVAFAC[330]ALTSSVPTTKK	1 1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	2.53	*	*	*	2	2	NKEKPVLDLQNFGLR AGGALC[330]HILGAAYK	1 2
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	0.00	1.62	0.87	0.00	1	1	2	KGQEILHC[339]YGPHK	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.85	7.72	0.95	0.00	1	2	2	AALC[339]HFIVDELNAK VKASHSFLR	1 2
SNX13_HUMAN (Q9Y5W8) Sorting nexin-13 (RGS domain- and PHOX domain-containing protein) (RGS-PX1) [MASS=112188]	*	2.89	*	*	*	1	3	DSNC[330]NYEAFMNIILSDNIGELEAVRDK	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	4.21	*	*	*	2	3	MYMESLEAC[339]RNLIIPVSR PKSDTVDFHC[330]SK	1 1
SPS1_HUMAN (P49903) Selenide, water dikinase 1 (EC 2.7.9.3) (Selenophosphate synthetase 1) (Selenium donor protein 1) [MASS=42910]	0.00	3.32	1.41	0.00	1	1	2	LTRFTELKGTGC[339]K	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	*	9.32	*	*	*	1	3	RM[147]ALLVQELSSHRWDAADDIHR	1
SRBS1_HUMAN (Q9BX66) Sorbin and SH3 domain-containing protein 1 (Ponsin) (c-Cbl-associated protein) (CAP) (SH3 domain protein 5) (SH3P12) [MASS=142454]	*	1.01	*	*	*	1	2	LITPAPSSLPHSR	1

SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	*	2.98	*	*	*	2	2	KPVRSM[147]IETR	1
							1	PVRSMIETR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	0.93	0.01	2	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGLPAPVIK	1
							3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGLPAPVIK	1
STOX1_HUMAN (Q6ZVD7) Storkhead-box protein 1 (Winged helix domain-containing protein) [MASS=110961]	0.00	1.82	0.43	0.00	1	1	2	MARPVQLAPGSLALVLC[330]R	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.91	1.01	0.07	2	3	3	ELSKYSTHLHLAEDC[339]MK	1
							3	AAHVFFTDSC[330]PDALFNELVK	1
							2	AAHVFFTDSC[330]PDALFNELVK	1
							2	SVHSLISDFK	1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	9.61	0.74	0.00	1	2	3	QGTFHSQQALEYGTKLVGGTTPGK	1
							2	HC[339]SYTASR	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.30	6.48	1.03	0.00	1	1	3	ANLNYIGLDGNIGC[339]LVNGAGLAM[147]ATM[147]DIIK	1
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	0.00	2.04	0.96	0.00	1	2	1	VNPSSYSR	1
							2	C[339]NIHFNLLDPLK	1
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.99	1.96	0.76	0.00	1	1	2	NVGC[330]LQEALQLATSFAQLR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.91	5.73	1.31	0.00	1	3	2	SYKPVFWSPSSR	1
							2	SC[339]QTALVEILDVIVR	1
							3	SVSGASNHQPNSNSGRYRDTVLLPQTSFPMK	1

SYLC_HUMAN (Q9P2J5) Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS) [MASS=134465]	0.00	2.38	1.34	0.00	1	2	3	IEIRQGDNC[330]DSIIRR C[339]EFAVGYQRLK GK	1 1
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	*	1.42	*	*	*	1	2	MGHAHSGM[147]GK	2
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	0.00	1.37	1.23	0.00	1	4	3	QILNNYSAQFSLEHMSPDQADKLPQLQGEIER 2 KAAIKPLEQTEC[339]LNK 3 EHEAC[339]FSEEGC[339]LYQLNHHMEVLR 3 ELIKELEQSLASWTQNLKELQTMK	1 1 1 1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	0.99	3.83	0.76	0.00	1	1	2	LHQVYFDAPTC[330]R	1
SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	0.00	3.58	0.83	0.00	1	1	2	VLSLQDKSDDLTC[330]KSQR	1
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	*	6.26	*	*	*	2	1	MAEITNIR 3 ARHLPKM[147]DITGLSGNPYVK	1 1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	0.64	2.13	0.96	0.00	1	1	2	LGDIC[330]FSLR	1
T2R60_HUMAN (P59551) Taste receptor type 2 member 60 (T2R60) (T2R56) [MASS=36336]	0.38	7.55	0.71	0.00	1	1	3	MITWTM[147]PTAVFFIC[330]M[147]ILLITSLGR	1
TACT_HUMAN (P40200) T-cell surface protein tactile precursor (CD96 antigen) [MASS=63887]	*	4.39	*	*	*	1	3	DGM[147]SWPVIVAALLFC[339]C[339]MILFGLGVR	1
TAF6_HUMAN (P49848) Transcription initiation factor TFIIID subunit 6 (Transcription initiation factor TFIIID 70 kDa subunit) (TAF(II)70) (TAFII-70) (TAFII-80) (TAFII80) [MASS=72668]	0.00	6.35	0.36	0.00	1	2	3	GGPTSHPSVPPPASSPSPLSGSALC[330]GGK 2 PTLTLSQAPQPGPR	1 1
TAI12_HUMAN (Q9H175) TGF-beta-induced apoptosis protein 12 (TAIP-12) [MASS=59591]	0.00	1.66	0.14	0.00	1	1	3	MSFPC[330]GC[330]SR	1

								2	SIQFVDWC[330]PTGFK	1
								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
								2	YMAC[339]C[339]LLYR	1
								3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
								3	AYHEQLSVAEITNAC[330]FEPANQMVK	1
								2	YMAC[330]C[330]LLYR	1
								2	RSIQFVDWC[339]PTGFK	1
								2	AVC[330]M[147]LSNTTAIAEAWAR	2
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	28.79	1.12	0.08	9	7		2	TIGGGDDSFSTFFC[330]ETGAGK	1
								2	YM[147]AC[339]C[339]LLYR	1
								2	SIQFVDWC[339]PTGFK	4
								2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
								2	YM[147]AC[330]C[330]LLYR	1
								2	AVC[339]M[147]LSNTTAIAEAWAR	1
								2	TIGGGDDSFSTFFC[339]ETGAGK	1
								3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	0.13	0.00	1	2		2	YM[147]AC[330]C[330]MLYR	1
								2	TIQFVDWC[330]PTGFK	2
								2	TIQFVDWC[339]PTGFK	3
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.14	0.07	11	1		3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	2
								2	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
								3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLMER	2
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
								1	NMM[147]AAC[339]DPR	1
								2	NM[147]MAAC[330]DPR	1
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
								3	M[147]SATFIGNSTAIQELFK	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
								1	TAVC[330]DIPPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
								2	NM[147]M[147]AAC[330]DPR	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	0.00	28.09	*	*	*		6	3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
								3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	TAVC[330]DIPPR	3
								2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
								2	TAVC[339]DIPPR	4
								2	NM[147]M[147]AAC[339]DPR	1
								3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								1	TAVC[339]DIPPR	2
								3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	EIVHIQAGQC[339]GNQIGAK	2
								2	EIVHIQAGQC[330]GNQIGAK	1
								3	M[147]REIVHIQAGQC[339]GNQIGAK	1
								1	EIVHIQAGQC[330]GNQIGAK	1
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	11.49	0.90	0.56	36		3	3	MREIVHIQAGQC[330]GNQIGAK	1
								2	ALTVPELTQQVFDK	1
								3	MREIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[330]GNQIGAK	2
								2	MREIVHIQAGQC[339]GNQIGAK	1
								2	M[147]REIVHIQAGQC[330]GNQIGAK	1

TBB3_HUMAN (Q13509) Tubulin beta-3 chain (Tubulin beta-III) (Tubulin beta-4) [MASS=50432]	0.00	7.11	*	*	*	2	2	ISVYYNEASSHK	1
							3	VREEYPDRIMNTFSVVPSPK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	0.00	9.87	*	*	*	2	3	IREEFDPDRIMNTFSVM[147]JPSPK	1
							3	AALVDLEPGTM[147]DSVRSRGPFGQLFR	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	0.00	5.78	0.26	0.00	1	1	3	ASELHQRDVLLTELSNC[330]TVR	1
TBX22_HUMAN (Q9Y458) T-box transcription factor TBX22 (T-box protein 22) [MASS=57910]	0.31	2.69	1.29	0.00	1	1	2	C[330]NHVHWYPAINHYL	1
TCPZ_HUMAN (P40227) T-complex protein 1 subunit zeta (TCP-1-zeta) (CCT-zeta) (CCT-zeta-1) (Tcp20) (HTR3) (Acute morphine dependence-related protein 2) [MASS=57893]	*	3.21	*	*	*	1	2	GTMKM[147]LVSGAGDIKLTK	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	*	0.52	*	*	*	1	1	FSVEDSR	2
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	2.48	*	*	*	2	2	IRM[147]NRVVR	1
							2	RDHFEEAMRFAR	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	0.00	1.76	0.71	0.00	1	4	1	MAHIR	1
							2	HIKSVLNILSDEASLC[330]K	1
							3	PGILGVNHTPILPAHSETC[330]K	1
							1	TTGSHPK	1
TF3C4_HUMAN (Q9UKN8) General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor IIIc subunit delta) (TF3C-delta) (TFIIIC 90 kDa subunit) (TFIIIC 90) [MASS=92001]	0.00	5.60	1.27	0.00	1	3	3	QNGTVYTC[339]SSDGK	1
							2	C[339]VPLYHPYQK	1
							3	PC[330]GAYLAIITTEGM[147]INGLHPVNK	1
TFP11_HUMAN (Q9UBB9) Tuftelin-interacting protein 11 [MASS=96819]	*	3.35	*	*	*	2	1	GFAGGTK	1
							3	PSQKGFAGGTKSFMDFGSWER	1
THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	0.99	4.72	0.93	0.00	1	1	2	VNPLGGAVALGHPLGC[339]TGAR	1

THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	2.81	3.78	0.00	1	1	2	IHMGSC[339]AENTAK	1
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.22	9.57	0.76	0.00	1	3	2 HVGLRVGIPKETPALTINR 1 LPPVFK 2 EEC[339]DKYALQSQQR	1 1 1	
THIO_HUMAN (P10599) Thioredoxin (ATL-derived factor) (ADF) (Surface-associated sulphhydryl protein) (SASP) [MASS=11606]	1.00	8.65	0.86	0.01	2	1	2 C[330]M[147]PTFQFFK 2 C[339]M[147]PTFQFFK	1 1	
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.89	8.70	0.58	0.00	1	1	2 VTSLTAC[330]LVDQSLR	1	
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	*	0.90	*	*	*	2	2 RFLAVQSVISGRFR 3 RVSPGYVPAC[339]R 1 TDTAFK	1 1 1	
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	2.33	*	*	*	3	2 LC[339]ALKGARPAMSR 3 QHSYTSNGPTFM[147]ETASFK	1 1 2	
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	*	0.53	*	*	*	1	1 TSLSFK	1	
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.00	17.98	0.44	0.00	1	1	3 EVKPEETTC[339]SEHC[339]LQK	1	
TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	*	2.52	*	*	*	1	2 EKFWIAANFWGK	1	
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	0.00	1.86	1.72	0.00	1	1	3 FC[339]NLTQVPQVLNITTER	1	
TNR19_HUMAN (Q9NS68) Tumor necrosis factor receptor superfamily member 19 precursor (Toxicity and JNK inducer) (TRADE) [MASS=46015]	0.00	5.44	1.67	0.00	1	1	3 ANC[330]SATSDAIC[330]GDC[330]LPGFYRKTG	1	

TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	10.20	1.29	0.02	3	4	3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							3	C[339]IDLEPDNATTYVHK	1
							1	RNSER	1
							2	C[339]AEGYALYAQALTDQQQFGK	1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	7.26	0.77	0.00	1	1	2	VAHALAEGLGVIAC[330]IGEK	1
TR19L_HUMAN (Q969Z4) Tumor necrosis factor receptor superfamily member 19L precursor (Receptor expressed in lymphoid tissues) [MASS=46092]	*	3.26	*	*	*	2	1	VPKAGAK	1
							1	QPGNGTR	1
							2	LLGKTDVQR	9
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	4.03	*	*	*	2			
							2	PSNC[339]AASTEKIYIRK	1
TRAK2_HUMAN (O60296) Trafficking kinesin-binding protein 2 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 3 protein) [MASS=101418]	0.00	2.41	0.88	0.00	1	1	3	RNQSLPVIMGSFAAPVC[330]TSSPK	1
TRI17_HUMAN (Q9Y577) Tripartite motif-containing protein 17 (Testis RING finger protein) (RING finger protein 16) [MASS=54418]	0.00	6.08	1.82	0.00	1	2	3	QDLC[339]QEHHEPLK	1
							3	RYLGSSPEGSGFC[339]SKDR	1
TRI50_HUMAN (Q86XT4) Tripartite motif-containing protein 50 [MASS=54774]	*	5.34	*	*	*	2	2	VLPAPEPLK	1
							2	GLVASLDM[147]QLEQAQGTR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	2.28	*	*	*	1	2	MAKREDSPGPEVQPMDDK	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.22	*	*	*	3	2	VQDLLEFLHEK	1
							2	STLLDMSSIFHQKAEK	1
							2	EGLSNKVSVK	1
TRPC5_HUMAN (Q9UL62) Short transient receptor potential channel 5 (TrpC5) (Htrp-5) (Htrp5) [MASS=111411]	*	2.88	*	*	*	1	3	HWWVKLLTC[330]M[147]TIGFLFPMLSIAYLISPR	1

TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.04	*	*	*	1	3	PTKEKEEEDM[147]ELTAM[147]LGR	1
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	0.00	3.51	1.71	0.00	1	2	3 3	HYQQLHNIHKC[339]TIKHC[339]PFC[339]PR SKTDLLVNDNPDPAPELQDFK	1 2
							3 1	M[147]LEVFVLKFHTIARYQLSAIFK NNSLHDM[147]K	1 6
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	*	1.61	*	*	*	4			
							3 3	TLRNPADSISHVAYR SDPGPIRATAPM[147]WRC[330]SR	1 1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SeiZ) [MASS=56459]	0.00	2.67	1.23	0.00	1	1	2	TVGIHPTC[339]SEEVVK	1
TRYB1_HUMAN (Q15661) Tryptase beta-1 precursor (EC 3.4.21.59) (Tryptase-1) (Tryptase I) [MASS=30515]	*	2.91	*	*	*	1	1	LPPPFPLK	1
TSH2_HUMAN (Q9NRE2) Teashirt homolog 2 (Zinc finger protein 218) (Ovarian cancer-related protein 10-2) (OVC10-2) [MASS=115004]	*	4.16	*	*	*	2	2 2	VM[147]PLVSMPTHLAPYTQVKKESDK PC[339]SPDSTTGFSFADSFSSQK	1 1
UBP1_HUMAN (O94782) Ubiquitin carboxyl-terminal hydrolase 1 (EC 3.1.2.15) (Ubiquitin thioesterase 1) (Ubiquitin-specific-processing protease 1) (Deubiquitinating enzyme 1) (hUBP) [MASS=88207]	0.00	3.57	1.96	0.00	1	1	3	MPEVITIHLKC[339]FAASGLEFDC[339]YGGGLSK	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	1.21	*	*	*	1	3	EIGPDDMNM[147]EEYK	1

UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl-terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	*	0.96	*	*	*	1	2	VNSEGEFDK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	2.59	1.28	0.00	1	1	3	TGLINLGNTC[339]YM[147]NSVIQALFMATDFRR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	0.97	8.07	1.04	0.00	1	1	3	NEAIQAAHDAVAQEGQC[330]R	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	45.05	1.18	0.05	6	4	2	LELC[339]DER	1
							2	SHTEEDC[339]TEELFDLHAR	1
							3	SHTEEDC[339]TEELFDLHAR	1
							1	DHC[339]VAHK	1
							2	ERLELC[330]DER	1
							2	ERLELC[339]DER	1
UHMK1_HUMAN (Q8TAS1) Serine/threonine-protein kinase Kist (EC 2.7.11.1) (Kinase interacting with stathmin) (U2AF homology motif kinase 1) [MASS=46546]	*	2.15	*	*	*	1	1	LIDFGLSFK	2
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	*	0.87	*	*	*	1	1	GTLSSEDIR	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	0.00	2.79	0.32	0.00	1	1	3	NQAAQGQWEDVVVGEENFTTPC[330]YIK	1

UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	16.67	0.91	0.16	6	4	2	NALVSHLDGTTTPVC[339]EDIGR	2
							1	LC[330]TSATESEVAR	1
							3	LC[339]QSFQTFASIC[339]YAETGLLGAHFVC[339]DR	1
							3	YIYDQC[339]PAVAGYGPIEQLPDYNR	1
							2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	0.86	0.07	2	1	2	NALANPLYC[339]PDYR	2
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.00	7.69	*	*	*	1	3	LHLQSTDYGNFLANEASPLTVSVIDDR	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	*	4.21	*	*	*	1	3	DMGYHVSMMDSTSRWAEALREISGR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	6.82	1.03	0.04	3	2	3	IPIFSAAGLPHNEIAAQIC[339]R	1
							3	IPIFSAAGLPHNEIAAQIC[330]R	1
							2	IPIFSAAGLPHNEIAAQIC[330]R	1
							3	PGGLPGSSC[339]NLGAAR	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	13.31	*	*	*	3	3	EMLKRIPQSTLSEFYPR	1
							3	AM[147]RGIVNGAAPELPVPTGGPAVGAR	1
							3	PIDRGPVLAEDFLDIM[147]GQPINPQC[339]R	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	0.00	4.78	0.34	0.00	1	2	2	EALEAMQDLAMYINEVKRDK	1
							3	MWSYGFYLIHLQKGQGFQFFC[330]K	1
VAX1_HUMAN (Q5SQQ9) Ventral anterior homeobox 1 [MASS=34713]	0.00	8.98	1.40	0.00	1	1	3	LLEQGRLLSPPGLPALLPPC[339]ATGALGSALR	1

								2	YQIDPDAC[339]FSAK	2
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	18.09	1.09	0.06	9	3		2	EHINLGC[330]DM[147]DFDIAGPSIR	1
								3	REHINLGC[330]DMDFDIAGPSIR	1
								1	YQIDPDAC[339]FSAK	1
								1	YQIDPDAC[330]FSAK	1
								2	EHINLGC[339]DMDFDIAGPSIR	1
								3	EHINLGC[330]DM[147]DFDIAGPSIR	1
								3	EHINLGC[339]DM[147]DFDIAGPSIR	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	26.51	1.68	0.07	6	5		2	YKWC[339]EYGLTFTEK	1
								2	WNTDNTLGTEIAIEDQIC[339]QGLK	1
								1	WC[330]EYGLTFTEK	1
								3	SC[339]SGVEFSTSGSSNTDTGKVTGTLETG	1
								2	SC[339]SGVEFSTSGSSNTDTGK	1
								2	WC[339]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.98	3.89	1.09	0.03	2	1		2	VC[330]NYGLTFTQK	2
VN1R4_HUMAN (Q7Z5H5) Vomeronasal type-1 receptor 4 (V1r-like receptor 4) (hGPCR27) [MASS=33557]	0.00	7.31	0.16	0.00	1	1		2	GVSIGTTC[330]LLSVFQVITVSSRK	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase) [MASS=96412]	0.96	3.35	1.04	0.00	1	1		3	SEEM[147]TLAQLFLQSEAYC[339]C[339]VSELGELGK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	0.18	*	*	*	1		1	PSELR	1
WAPL_HUMAN (Q7Z5K2) Wings apart-like protein homolog (Friend of EBNA2 protein) [MASS=132945]	*	0.92	*	*	*	1		2	C[330]AMPSFRMHLR	1
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	0.00	2.61	0.83	0.00	1	3		2	VYTYVFHK	1
								1	PEYRSK	1
								3	EHDEAC[330]LAGVAQMSIRMGDIR	1
WN10A_HUMAN (Q9GZT5) Protein Wnt-10a precursor [MASS=46444]	0.30	8.87	5.36	0.00	1	2		2	ESAFAYAIAAAGVVHAVSNAC[339]ALGK	1
								3	PWLRLRPQPQPR	1

WWP1_HUMAN (Q9H0M0) NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (WW domain-containing protein 1) (Atropin-1-interacting protein 5) (AIP5) [MASS=105201]	*	2.17	*	*	*	1	3	VTSHDLKLGGSNILVTEENK	1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	0.00	3.90	0.57	0.00	1	3	2	TLVDAVAKLPAQKTEVFR	1
							3	LGLSGTKLGC[330]GEGGC[330]GAC[330]TVM[147]LSK	1
							3	KRGLC[339]IIPTK	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	2.10	*	*	*	5	1	DEPPR	1
							2	EM[147]ERDM[147]DRDVDR	1
							1	KGPVVAK	1
							1	MEDTR	1
							2	SLDNEWDRDYGR	1
ZBT17_HUMAN (Q13105) Zinc finger and BTB domain-containing protein 17 (Zinc finger protein 151) (Myc-interacting zinc finger protein) (Miz-1 protein) [MASS=87927]	*	1.99	*	*	*	1	2	C[339]EDC[330]GKLFTTSGNLKR	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	0.73	*	*	*	1	2	EPGADAFFR	1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	0.00	2.68	0.13	0.00	1	2	3	SGLEVDISLYNTLALHNTRLLSAYS AIDPR	1
							2	SPTVVC[330]SLC[330]K	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.17	3.12	2	1	3	SYAGKQTDEC[330]NEFGKALLYLK	3
ZFP95_HUMAN (Q9Y2L8) Zinc finger protein 95 homolog (Zfp-95) [MASS=96903]	0.00	4.65	1.30	0.00	1	2	3	MATPGAVQESC[339]SPHPLTVDTQPEQAPQK	1
							2	MNYSEVPYVHK	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	0.00	2.59	0.23	0.00	1	1	3	EKC[330]SPGGVIGASYAAGLAKASDR	1
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE-containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	*	5.66	*	*	*	2	3	AIVRC[339]QTC[339]KINLC[339]LEC[330]QK	1
							3	AVTSWLTDQIAPAYWRPNSQILSC[330]NK	1

ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.00	0.73	0.39	0.00	1	1	2	RLVLESEC[330]SR	1
ZN126_HUMAN (P35275) Zinc finger protein 126 (HZF-2) (Fragment) [MASS=11353]	0.00	9.18	1.18	0.00	1	1	3	HSHLQC[330]HKR	1
ZN197_HUMAN (O14709) Zinc finger protein 197 (ZnF20) [MASS=118847]	0.00	2.72	0.28	0.00	1	2	2 C[330]FILKKSLIGHQR 2 PSSSQRADSHKGTSK	1 1	
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	2.28	*	*	*	3	2 HM[147]KTHR 3 EENLIC[339]SEC[339]GDEFTLQSQLAVHMEEHR 1 HMATHM[147]SMK	1 1 1	
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	0.00	2.74	3.82	0.00	1	1	2 SFSTSC[339]SLSDHLR	1	
ZN263_HUMAN (O14978) Zinc finger protein 263 (Zinc finger protein FPM315) [MASS=77298]	0.00	10.40	0.47	0.00	1	4	2 ESPSFKLEPM[147]ETERSPGPR 2 C[339]FSQNTHLTR 2 LYPFSEC[330]GEAVSDSTPFLTNHGAHK 2 SFSRSSHLLVIHERTHER	1 1 1 1	
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	1.55	0.06	0.00	1	1	3 M[147]YNC[330]PKC[330]DYGTVNPVEFR	1	
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	1.42	*	*	*	2	3 LGGYFTAVYADEHEK 1 HRDFK	1 1	
ZN471_HUMAN (Q9BX82) Zinc finger protein 471 (EZFIT-related protein 1) [MASS=73009]	0.00	4.95	0.42	0.00	1	2	3 YTKFGKC[330]IHLENIEESIYNHTSDK 1 YNTSFIR	1 1	
ZN484_HUMAN (Q5JVG2) Zinc finger protein 484 [MASS=98221]	0.00	2.46	3.62	0.00	1	2	3 M[147]TKSLESVSFK 2 RPHNC[339]NSC[339]GK	1 1	
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	0.00	2.21	5.56	0.00	1	1	2 VHTGARPHAC[339]R	1	
ZN513_HUMAN (Q8N8E2) Zinc finger protein 513 [MASS=51028]	0.00	2.71	1.07	0.00	1	1	2 C[339]PYASAQLVNLTR	1	
ZN518_HUMAN (Q6AHZ1) Zinc finger protein 518 [MASS=166781]	0.00	0.88	8.98	0.00	1	1	2 C[330]HHVC[330]FTKGELQK	1	

3 EPC[339]VWARDVTGR 11

ZN540_HUMAN (Q8NDQ6) Zinc finger protein
540 [MASS=77093] * 1.82 * * * 1

ZN576_HUMAN (Q9H609) Zinc finger protein
576 [MASS=18890] 0.00 24.71 0.37 0.00 1 3

2 MEDPNPEENM[147]K 1
1 SHGPAAK 1
3 QQDSPKERSPQSPGGNIC[330]HLGAPK 1

ZN577_HUMAN (Q9BSK1) Zinc finger protein
577 [MASS=54156] 0.00 2.30 2.98 0.00 1 1

3 THTGERPYSC[339]R 1

ZN638_HUMAN (Q14966) Zinc finger protein
638 (Nuclear protein 220) (Zinc-finger matrin-
like protein) (Cutaneous T-cell lymphoma-
associated antigen se33-1) (CTCL tumor
antigen se33-1) [MASS=220623] 0.00 3.54 0.89 0.00 1 4

2 MDAEKVEK 1
2 APNPSGMRPPGPFM[147]RPGSMGLPR 1
3 EQSLHYGSVLLITELPEDGC[330]TEEDVR 1
2 M[147]DAEKVEKMAAM[147]K 1

ZN759_HUMAN (Q8NAF0) Zinc finger protein
579 [MASS=60479] * 6.76 * * * 2

2 RVHGPLSLLAPLPAAGKK 1
3 APLPC[330]PTC[330]GRLFRFPYYLSR 1

ZNF44_HUMAN (P15621) Zinc finger protein
44 (Zinc finger protein KOX7) (Gonadotropin-
inducible transcription repressor 2) (GIOT-2)
[MASS=68102] 0.30 3.74 1.65 0.00 1 1

3 NLNC[339]IGM[147]KWENQNIDDQHQNLR 1

ZNF76_HUMAN (P36508) Zinc finger protein
76 [MASS=61830] 0.00 6.14 2.88 0.00 1 2

3 IHTGEKPYVC[339]TVPGC[339]GKR 1
3 C[339]GYKGC[330]GRLYTTAHLK 1