**Table S1. Proteins identified in A549 cells.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cluster information |  |  |  |  |  |
| protein NCBI code | protein description |  |  |  |  |
| peptide sequence | peptide charge (+) | peptide score | gel region |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_001230183.1 | DENN domain-containing protein 5A isoform 2 | | |  |  |
| NP\_056028.2 | DENN domain-containing protein 5A isoform 1 | | |  |  |
| TMGSTIR | 1 | 1.54 | 9 |  |  |
| KVLAR | 1 | 1.61 | 9 |  |  |
| NP\_057336.3 | baculoviral IAP repeat-containing protein 6 | |  |  |  |
| KVLAR | 1 | 1.61 | 9 |  |  |
| YNLACHR | 1 | 1.85 | 9 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_004597.2 | transcription initiation factor TFIID subunit 1 isoform 1 | | |  |  |
| NP\_620278.1 | transcription initiation factor TFIID subunit 1 isoform 2 | | |  |  |
| RLSLKNAKQLLR | 2 | 2.02 | 5 |  |  |
| EEEEQR | 1 | 1.90 | 4 |  |  |
| NP\_001165780.1 | nexilin isoform 2 |  |  |  |  |
| NP\_653174.3 | nexilin isoform 1 |  |  |  |  |
| EEEEQR | 1 | 2.02 | 3 |  |  |
| KAEEEAR | 1 | 1.65 | 4 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_057444.2 | translational activator of cytochrome c oxidase 1 | | |  |  |
| RAAAR | 1 | 1.58 | 1 |  |  |
| GCGAAPGR | 1 | 2.02 | 1 |  |  |
| NP\_892023.1 | guanine nucleotide-binding protein G(olf) subunit alpha isoform 1 | | | |  |
| FQVDKVNFHMFDVGGQR | 2 | 2.39 | 1 |  |  |
| RAAAR | 1 | 1.58 | 1 |  |  |
| NP\_997246.2 | nck-associated protein 5 isoform 1 | |  |  |  |
| RAAAR | 1 | 1.58 | 1 |  |  |
| DWVQCPKSQTPGSR | 2 | 2.34 | 1 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_003487.1 | transformation/transcription domain-associated protein isoform 2 | | | |  |
| NP\_001231509.1 | transformation/transcription domain-associated protein isoform 1 | | | |  |
| VLQLLR | 1 | 1.93 | 10 |  |  |
| IAALNALAACNYLPQSR | 2 | 2.27 | 10 |  |  |
| LTSVTR | 1 | 1.67 | 10 |  |  |
| KWMEVVVITHKGGQR | 2 | 2.35 | 11 |  |  |
| NP\_001184188.1 | origin recognition complex subunit 3 isoform 3 | | |  |  |
| NP\_036513.2 | origin recognition complex subunit 3 isoform 2 | | |  |  |
| NP\_862820.1 | origin recognition complex subunit 3 isoform 1 | | |  |  |
| VLQLLR | 1 | 1.93 | 10 |  |  |
| ENVVNFIDCLVR | 2 | 2.22 | 10 |  |  |
| NP\_000962.2 | 60S ribosomal protein L7 |  |  |  |  |
| VLQLLR | 1 | 1.93 | 10 |  |  |
| IALTDNALIAR | 2 | 4.25 | 10 |  |  |
| \*\* cluster of 6 proteins |  |  |  |  |  |
| NP\_001017981.1 | RING finger protein 215 precursor | |  |  |  |
| RGGAR | 1 | 1.53 | 2 |  |  |
| GPAAR | 1 | 1.52 | 3 |  |  |
| NP\_001243437.1 | carabin isoform 2 |  |  |  |  |
| AGTPAPATGPPR | 2 | 2.11 | 2 |  |  |
| GPAAR | 1 | 1.52 | 3 |  |  |
| NP\_620152.1 | ankyrin repeat domain-containing protein 54 | | |  |  |
| LDDLCTR | 2 | 2.47 | 3 |  |  |
| RGGAR | 1 | 1.53 | 2 |  |  |
| NP\_006550.1 | KH domain-containing, RNA-binding, signal transduction-associated protein 1 | | | | |
| RGGAR | 1 | 1.53 | 2 |  |  |
| GGGGGSR | 1 | 1.53 | 3 |  |  |
| NP\_149025.1 | galactose-3-O-sulfotransferase 3 | |  |  |  |
| RGGAR | 1 | 1.53 | 2 |  |  |
| AARTWNALDAGLYDHFNATFWR | 3 | 2.52 | 2 |  |  |
| NP\_078928.3 | leucine-rich repeat serine/threonine-protein kinase 1 | | |  |  |
| AYVLALCRSPSGSR | 2 | 2.45 | 1 |  |  |
| RGGAR | 1 | 1.53 | 2 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_006752.1 | 14-3-3 protein epsilon |  |  |  |  |
| LAEQAER | 2 | 2.84 | 9 |  |  |
| YLAEFATGNDR | 2 | 3.96 | 9 |  |  |
| NP\_006817.1 | 14-3-3 protein theta |  |  |  |  |
| YLAEVACGDDR | 2 | 4.18 | 10 |  |  |
| LAEQAER | 2 | 2.84 | 9 |  |  |
| EKVESELR | 2 | 2.53 | 10 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_997193.1 | coiled-coil domain-containing protein 74B | |  |  |  |
| LAGGSADTVR | 2 | 2.34 | 11 |  |  |
| ENKDLR | 1 | 1.72 | 10 |  |  |
| NP\_001004334.2 | probable G-protein coupled receptor 179 precursor | | |  |  |
| YLAEFPEALAR | 2 | 2.07 | 10 |  |  |
| ENKDLR | 1 | 1.72 | 10 |  |  |
| \*\* cluster of 5 proteins |  |  |  |  |  |
| NP\_689955.1 | glypican-2 precursor |  |  |  |  |
| DGSGGKGGGGSAR | 2 | 2.05 | 5 |  |  |
| ARPPR | 1 | 1.52 | 5 |  |  |
| NP\_055149.2 | uncharacterized protein C9orf4 |  |  |  |  |
| AGGLGGGSVPARAR | 2 | 2.01 | 5 |  |  |
| ARPPR | 1 | 1.52 | 5 |  |  |
| NP\_828848.3 | cytosolic phospholipase A2 delta | |  |  |  |
| GLPFPRVEPSPQDQHQPR | 2 | 2.82 | 5 |  |  |
| ARPPR | 1 | 1.52 | 5 |  |  |
| NP\_001230469.1 | differential display clone 8 isoform 2 | |  |  |  |
| NP\_001230470.1 | differential display clone 8 isoform 1 | |  |  |  |
| LQSARLLGWGGGR | 2 | 2.02 | 5 |  |  |
| ARPPR | 1 | 1.52 | 5 |  |  |
| NP\_068603.4 | cytosolic carboxypeptidase-like protein 5 isoform 1 | | |  |  |
| GLRTPPKSHNGLPVSCSENTLSR | 3 | 2.58 | 4 |  |  |
| ARPPR | 1 | 1.52 | 5 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_005991.1 | tubulin alpha-4A chain |  |  |  |  |
| NLDIERPTYTNLNR | 2 | 4.01 | 6 |  |  |
| AVFVDLEPTVIDEIR | 2 | 2.66 | 7 |  |  |
| NP\_006073.2 | tubulin alpha-1B chain |  |  |  |  |
| NP\_116093.1 | tubulin alpha-1C chain |  |  |  |  |
| NP\_006000.2 | tubulin alpha-1A chain |  |  |  |  |
| NLDIERPTYTNLNR | 2 | 4.01 | 6 |  |  |
| AVFVDLEPTVIDEVR | 2 | 5.66 | 7 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_002565.1 | peroxiredoxin-1 |  |  |  |  |
| NP\_859047.1 | peroxiredoxin-1 |  |  |  |  |
| NP\_859048.1 | peroxiredoxin-1 |  |  |  |  |
| NP\_001189360.1 | peroxiredoxin-1 |  |  |  |  |
| QITVNDLPVGR | 2 | 3.78 | 12 |  |  |
| SVDETLR | 2 | 2.21 | 11 |  |  |
| NP\_005800.3 | peroxiredoxin-2 isoform a |  |  |  |  |
| QITVNDLPVGR | 2 | 3.78 | 12 |  |  |
| GLFIIDGKGVLR | 2 | 2.40 | 11 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_001156002.1 | SH3 domain-containing protein 21 isoform 1 | |  |  |  |
| EVESLR | 1 | 1.97 | 10 |  |  |
| WVPARGWLR | 1 | 1.85 | 9 |  |  |
| NP\_079390.3 | centrosomal protein of 290 kDa |  |  |  |  |
| KELKKETDAAEKLR | 3 | 2.71 | 10 |  |  |
| EVESLR | 1 | 1.97 | 10 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_000250.3 | unconventional myosin-Va isoform 1 | |  |  |  |
| NP\_001135967.1 | unconventional myosin-Va isoform 2 | |  |  |  |
| ACGVLETIR | 2 | 2.26 | 12 |  |  |
| LLESQLQSQKR | 2 | 2.27 | 12 |  |  |
| NP\_061198.2 | unconventional myosin-Vc |  |  |  |  |
| ACGVLETIR | 2 | 2.26 | 12 |  |  |
| EKMSEITKQLLESYDIEDVR | 2 | 2.62 | 12 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_060570.2 | EF-hand domain-containing protein 1 isoform 1 | | |  |  |
| NP\_001165891.1 | EF-hand domain-containing protein 1 isoform 2 | | |  |  |
| EVHERNDGR | 2 | 2.14 | 5 |  |  |
| GKTFR | 1 | 1.62 | 5 |  |  |
| NP\_919306.2 | zinc finger protein 30 isoform b |  |  |  |  |
| NLVSMGHSR | 2 | 2.38 | 5 |  |  |
| GKTFR | 1 | 1.62 | 5 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_110394.3 | AT-hook-containing transcription factor | |  |  |  |
| QGRPLPR | 1 | 1.71 | 7 |  |  |
| DPLAR | 1 | 1.69 | 6 |  |  |
| NP\_071895.3 | inactive rhomboid protein 1 |  |  |  |  |
| GWRKQKEGAAAPQPKVR | 3 | 2.52 | 5 |  |  |
| DPLAR | 1 | 1.69 | 6 |  |  |
| NP\_036234.3 | arginine-glutamic acid dipeptide repeats protein isoform a | | | |  |
| NP\_001036146.1 | arginine-glutamic acid dipeptide repeats protein isoform a | | | |  |
| NP\_001036147.1 | arginine-glutamic acid dipeptide repeats protein isoform b | | | |  |
| DPLAR | 1 | 1.69 | 6 |  |  |
| AAKASSSAHEGR | 2 | 2.08 | 7 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_004218.1 | cytohesin-3 |  |  |  |  |
| VVEGNHVVYR | 2 | 2.03 | 6 |  |  |
| DIERL | 1 | 1.54 | 6 |  |  |
| NP\_005404.1 | homeobox protein SIX3 |  |  |  |  |
| DRAAAAKNR | 1 | 1.86 | 6 |  |  |
| DIERL | 1 | 1.54 | 6 |  |  |
| \*\* cluster of 5 proteins |  |  |  |  |  |
| NP\_004360.2 | collagen alpha-3(VI) chain isoform 1 precursor | | |  |  |
| NP\_476508.2 | collagen alpha-3(VI) chain isoform 5 precursor | | |  |  |
| RAGGSR | 1 | 1.80 | 8 |  |  |
| LVLKQ | 1 | 1.70 | 8 |  |  |
| NP\_476506.3 | collagen alpha-3(VI) chain isoform 3 precursor | | |  |  |
| TLIERLVDYLDVGFDTTR | 2 | 2.90 | 7 |  |  |
| RAGGSR | 1 | 1.80 | 8 |  |  |
| NP\_733936.1 | succinate-semialdehyde dehydrogenase,  mitochondrial isoform 1 precursor | | | |  |
| NP\_001071.1 | succinate-semialdehyde dehydrogenase,  mitochondrial isoform 2 precursor | | | |  |
| LVLKQ | 1 | 1.70 | 8 |  |  |
| RLGSTFPGCR | 1 | 1.52 | 9 |  |  |
| NP\_056009.1 | unconventional myosin-Id |  |  |  |  |
| LVLKQ | 1 | 1.70 | 8 |  |  |
| SGFILSVPGN | 1 | 1.80 | 8 |  |  |
| NP\_002840.2 | receptor-type tyrosine-protein phosphatase R isoform 1 precursor | | | |  |
| NP\_570897.2 | receptor-type tyrosine-protein phosphatase R isoform 2 | | |  |  |
| NP\_001193944.1 | receptor-type tyrosine-protein phosphatase R isoform 3 | | |  |  |
| NP\_001193945.1 | receptor-type tyrosine-protein phosphatase R isoform 4 | | |  |  |
| YKTILPNPLSR | 1 | 2.41 | 9 |  |  |
| LVLKQ | 1 | 1.70 | 8 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_849194.1 | BTB/POZ domain-containing adapter for CUL3-mediated  RhoA degradation protein 1 | | | |  |
| AGGAGR | 1 | 1.57 | 8 |  |  |
| GPDPALLEATGGAAGAGGAGR | 2 | 2.23 | 8 |  |  |
| NP\_001073889.1 | SH3 and multiple ankyrin repeat domains protein 3 | | |  |  |
| AGGAGR | 1 | 1.57 | 8 |  |  |
| YPVARR | 1 | 1.80 | 8 |  |  |
| NP\_919431.2 | PH domain leucine-rich repeat-containing protein phosphatase 1 | | | |  |
| AGGAGR | 1 | 1.57 | 8 |  |  |
| LFCNSSLR | 2 | 2.10 | 9 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_002002.3 | fibroblast growth factor receptor 4 isoform 1 precursor | | |  |  |
| NP\_998812.1 | fibroblast growth factor receptor 4 isoform 1 precursor | | |  |  |
| NP\_075252.2 | fibroblast growth factor receptor 4 isoform 2 precursor | | |  |  |
| LAPAGR | 1 | 1.53 | 9 |  |  |
| ARRPPGPDLSPDGPR | 2 | 2.76 | 9 |  |  |
| NP\_001032412.2 | peroxisomal proliferator-activated receptor A-interacting  complex 285 kDa protein isoform 1 | | | |  |
| LAPAGR | 1 | 1.53 | 9 |  |  |
| SSSEVLVLAETLDGVR | 2 | 2.80 | 9 |  |  |
| \*\* cluster of 41 proteins |  |  |  |  |  |
| NP\_000714.3 | voltage-dependent L-type calcium channel subunit beta-1 isoform 1 | | | |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| QDTFDADTPGSR | 2 | 2.02 | 7 |  |  |
| NP\_031372.2 | opioid growth factor receptor |  |  |  |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| EPGVNWHAKPLTLR | 2 | 2.34 | 6 |  |  |
| NP\_001092304.1 | homeobox protein GBX-1 |  |  |  |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| QVKIWFQNR | 2 | 2.01 | 8 |  |  |
| NP\_009131.2 | A-kinase anchor protein 13 isoform 2 | |  |  |  |
| NP\_006729.4 | A-kinase anchor protein 13 isoform 1 | |  |  |  |
| EALLAQR | 1 | 1.89 | 7 |  |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| NP\_115921.2 | fibronectin type III domain-containing protein 1 precursor | | | |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_065815.1 | caskin-1 |  |  |  |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| LLLDSGINAHVR | 2 | 2.74 | 6 |  |  |
| NP\_055938.1 | FERM domain-containing protein 4B | |  |  |  |
| FAVR | 1 | 1.58 | 7 |  |  |
| ISVSR | 1 | 1.78 | 7 |  |  |
| NP\_003226.4 | thyroglobulin precursor |  |  |  |  |
| FQAPEPLNWTGSWDASKPR | 2 | 2.46 | 7 |  |  |
| EPPAR | 1 | 1.56 | 7 |  |  |
| NP\_079478.1 | EF-hand domain-containing protein D1 isoform 1 | | |  |  |
| APTASADAELSAQLSRR | 2 | 2.67 | 8 |  |  |
| EPPAR | 1 | 1.56 | 7 |  |  |
| NP\_149132.2 | mitogen-activated protein kinase kinase kinase 9 | | |  |  |
| AFWIGDEVAVKAARHDPD EDISQTIENVR | 3 | 2.52 | 7 |  |  |
| EPPAR | 1 | 1.56 | 7 |  |  |
| NP\_055601.2 | rho guanine nucleotide exchange factor 17 | |  |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| EPPAR | 1 | 1.56 | 7 |  |  |
| NP\_001094889.1 | zinc finger protein 541 |  |  |  |  |
| EASPGSTR | 2 | 2.59 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_003465.3 | disintegrin and metalloproteinase domain-containing protein 12  isoform 1 preproprotein | | | | |
| RAPR | 1 | 1.71 | 7 |  |  |
| KTLIRLLFTNKKTTIEKLR | 2 | 2.22 | 8 |  |  |
| NP\_061496.2 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 1 | | | | |
| NP\_001243263.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 26 | | | | |
| NP\_938190.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 14 | | | | |
| NP\_938192.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 9 | | | | |
| NP\_938193.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 7 | | | | |
| NP\_938194.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 5 | | | | |
| NP\_938196.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 11 | | | | |
| NP\_938197.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 6 | | | | |
| NP\_938198.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 8 | | | | |
| NP\_938199.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 4 | | | | |
| NP\_938200.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 10 | | | | |
| NP\_938201.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 12 | | | | |
| NP\_938202.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 13 | | | | |
| NP\_938406.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 3 | | | | |
| NP\_938191.2 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 2 | | | | |
| NP\_001243253.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 16 | | | | |
| NP\_001243254.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 17 | | | | |
| NP\_001243255.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 18 | | | | |
| NP\_001243256.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 19 | | | | |
| NP\_001243257.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 20 | | | | |
| NP\_001243258.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 21 | | | | |
| NP\_001243259.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 22 | | | | |
| NP\_001243260.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 23 | | | | |
| NP\_001243261.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 24 | | | | |
| NP\_001243262.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 25 | | | | |
| NP\_001243288.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 27 | | | | |
| NP\_001243289.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 28 | | | | |
| NP\_001243290.1 | voltage-dependent T-type calcium channel subunit alpha-1G isoform 29 | | | | |
| QAAIRTDSLDVQGLGSR | 2 | 2.62 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_001810.2 | secretogranin-1 precursor |  |  |  |  |
| SLGEKR | 1 | 1.57 | 6 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_002512.1 | natriuretic peptides B preproprotein | |  |  |  |
| EVATEGIR | 2 | 2.12 | 6 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_001120730.1 | HHIP-like protein 1 isoform a precursor | |  |  |  |
| SRLGKPFLNISR | 2 | 2.18 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_065168.2 | gap junction gamma-2 protein |  |  |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_002195.1 | integrin alpha-3 isoform a precursor | |  |  |  |
| NP\_005492.1 | integrin alpha-3 isoform b precursor | |  |  |  |
| LAGAPR | 1 | 1.54 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_112571.2 | Fc receptor-like protein 5 isoform 1 precursor | | |  |  |
| NP\_001182317.1 | Fc receptor-like protein 5 isoform 2 precursor | | |  |  |
| YLGKEILR | 2 | 2.38 | 6 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_443171.2 | Fc receptor-like protein 3 precursor | |  |  |  |
| ENVPR | 1 | 1.66 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_787098.3 | PKHD domain-containing transmembrane protein C17orf101 isoform 2 | | | |  |
| NP\_078924.1 | PKHD domain-containing transmembrane protein C17orf101 isoform 1 | | | |  |
| FMFMEEGANKTVEPR | 2 | 2.38 | 6 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_037505.1 | probable palmitoyltransferase ZDHHC8 isoform 2 | | |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| SPGLAR | 1 | 1.53 | 6 |  |  |
| NP\_940863.3 | LON peptidase N-terminal domain and RING finger protein 2 | | | |  |
| LGDALAR | 1 | 1.67 | 7 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_954974.2 | protein FAM179A |  |  |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| LSEGLAASSR | 1 | 1.78 | 6 |  |  |
| NP\_001374.3 | diphthamide biosynthesis protein 1 | |  |  |  |
| QEAIATAR | 2 | 2.32 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_872383.1 | outer dense fiber protein 3-like protein 2 | |  |  |  |
| SCTPAYSMQGRAKSR | 2 | 2.68 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_038470.1 | stomatin-like protein 2 |  |  |  |  |
| ILEPGLNILIPVLDR | 2 | 4.16 | 7 |  |  |
| ATVLESEGTR | 2 | 2.82 | 7 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_115599.2 | pecanex-like protein 3 |  |  |  |  |
| AEPPDPLPDKMRQSVR | 2 | 2.99 | 8 |  |  |
| RAPR | 1 | 1.71 | 7 |  |  |
| NP\_055514.3 | zinc finger protein 646 |  |  |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| HFPSLPELSRHR | 2 | 2.18 | 6 |  |  |
| NP\_001184036.1 | schwannomin-interacting protein 1 isoform 2 | | |  |  |
| NP\_001184037.1 | schwannomin-interacting protein 1 isoform 3 | | |  |  |
| NP\_001184038.1 | schwannomin-interacting protein 1 isoform 4 | | |  |  |
| NP\_001184042.1 | IQ motif containing J-schwannomin interacting protein 1 fusion protein isoform 1 | | | | |
| NP\_055390.1 | schwannomin-interacting protein 1 isoform 1 | | |  |  |
| NP\_001184043.1 | IQ motif containing J-schwannomin interacting protein 1 fusion protein isoform 2 | | | | |
| FLTR | 1 | 1.54 | 6 |  |  |
| HAESQQKHMAEKMPAK | 2 | 2.18 | 6 |  |  |
| NP\_065175.4 | valine--tRNA ligase, mitochondrial isoform 2 precursor | | |  |  |
| NP\_001161206.1 | valine--tRNA ligase, mitochondrial isoform 1 | | |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| FHSVSTQSEPHGSPISR | 2 | 2.11 | 7 |  |  |
| NP\_758952.4 | voltage-dependent calcium channel subunit alpha-2/delta-4 | | | |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| FPLWYRQASEHPAGSFVFNLR | 3 | 2.88 | 6 |  |  |
| NP\_065782.2 | aryl hydrocarbon receptor repressor isoform 1 | | |  |  |
| NP\_001229341.1 | aryl hydrocarbon receptor repressor isoform 2 | | |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| QPAAGAPSPGDSCPLAGSAVLEGR | 2 | 3.09 | 6 |  |  |
| NP\_001180462.1 | serine/threonine-protein kinase Nek4 isoform 2 | | |  |  |
| NP\_003148.2 | serine/threonine-protein kinase Nek4 isoform 1 | | |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| TNIIKVGDLGIAR | 2 | 2.20 | 7 |  |  |
| NP\_036385.3 | transketolase-like protein 1 isoform a | |  |  |  |
| NP\_001139405.1 | transketolase-like protein 1 isoform b | |  |  |  |
| NP\_001139406.1 | transketolase-like protein 1 isoform c | |  |  |  |
| VVVLDGDTR | 1 | 1.75 | 5 |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| NP\_055950.1 | nuclear pore complex protein Nup205 | |  |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| SVSGFLHFDTATKVR | 2 | 2.13 | 7 |  |  |
| NP\_872407.1 | PH domain-containing protein C10orf81 isoform 1 | | |  |  |
| NP\_001180363.1 | PH domain-containing protein C10orf81 isoform 2 | | |  |  |
| NP\_001180364.1 | PH domain-containing protein C10orf81 isoform 2 | | |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| QDIKATQQNTEEELSLGNKR | 3 | 2.51 | 6 |  |  |
| NP\_060526.2 | transmembrane protein 39B |  |  |  |  |
| FIGSIVKEASQR | 2 | 2.01 | 5 |  |  |
| FLTR | 1 | 1.54 | 6 |  |  |
| NP\_001002837.1 | phosphatidylinositol 4,5-bisphosphate 5-phosphatase A | | |  |  |
| EALAPNSLSPSPQGHR | 2 | 2.23 | 5 |  |  |
| SPGLAR | 1 | 1.53 | 6 |  |  |
| NP\_000896.1 | pro-neuropeptide Y preproprotein | |  |  |  |
| YYSALRHYINLITR | 2 | 2.22 | 9 |  |  |
| ENVPR | 1 | 1.66 | 8 |  |  |
| \*\* cluster of 48 proteins |  |  |  |  |  |
| NP\_059509.1 | ubiquilin-3 |  |  |  |  |
| NP\_001138818.1 | RNA-binding motif protein, X-linked-like-3 | |  |  |  |
| NP\_057524.3 | inactive serine/threonine-protein kinase VRK3 isoform 1 | | |  |  |
| NP\_001020949.1 | inactive serine/threonine-protein kinase VRK3 isoform 2 | | |  |  |
| GSGSR | 1 | 1.59 | 4 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| FLVLPSLGR | 2 | 2.06 | 4 |  |  |
| NP\_001104490.1 | transcription elongation factor SPT5 isoform a | | |  |  |
| NP\_003160.2 | transcription elongation factor SPT5 isoform a | | |  |  |
| NP\_001124296.1 | transcription elongation factor SPT5 isoform a | | |  |  |
| NP\_001124297.1 | transcription elongation factor SPT5 isoform b | | |  |  |
| GSGSR | 1 | 1.59 | 4 |  |  |
| GGFGSPGGGSGGMSRGR | 2 | 2.45 | 3 |  |  |
| NP\_003684.2 | scavenger receptor class F member 1 isoform 1 precursor | | |  |  |
| GSGSR | 1 | 1.59 | 4 |  |  |
| HFGSFQKGQAEAKVKR | 2 | 2.08 | 4 |  |  |
| NP\_055246.2 | paladin |  |  |  |  |
| GSGSR | 1 | 1.59 | 4 |  |  |
| VESLELAIR | 1 | 1.99 | 5 |  |  |
| NP\_055935.4 | Alstrom syndrome protein 1 |  |  |  |  |
| VRAHAWNMKFNLAHDC GYSISELNEDDR | 3 | 3.02 | 2 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_001180278.1 | myocyte-specific enhancer factor 2C isoform 5 | | |  |  |
| NP\_001180279.1 | myocyte-specific enhancer factor 2C isoform 1 | | |  |  |
| NP\_002388.2 | myocyte-specific enhancer factor 2C isoform 1 | | |  |  |
| NEFHSPIGLTRPSPDER | 2 | 2.12 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_003021.3 | short stature homeobox protein 2 isoform b | |  |  |  |
| NP\_001157150.1 | short stature homeobox protein 2 isoform c | |  |  |  |
| NP\_006875.2 | short stature homeobox protein 2 isoform a | |  |  |  |
| AAGGGGGGGGGGGGGGGG GGVGGGGAGGGAGGGR | 2 | 2.34 | 1 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_001129495.1 | transcription factor NF-E2 45 kDa subunit isoform 2 | | |  |  |
| NP\_001185863.1 | multidrug resistance-associated protein 7 isoform MRP7 | | |  |  |
| NP\_258261.2 | multidrug resistance-associated protein 7 isoform MRP7A | | |  |  |
| NP\_006154.1 | transcription factor NF-E2 45 kDa subunit isoform 1 | | |  |  |
| LALVR | 1 | 1.67 | 1 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_055840.2 | myelin transcription factor 1-like protein | |  |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| SKGVR | 1 | 1.50 | 1 |  |  |
| NP\_004876.2 | neuropeptide FF receptor 2 isoform 1 | |  |  |  |
| QTAKSSWSR | 2 | 2.01 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_004464.2 | forkhead box protein E1 |  |  |  |  |
| NP\_065194.2 | gamma-tubulin complex component 6 | |  |  |  |
| NP\_116166.9 | G-protein coupled receptor 124 precursor | |  |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| GAGGR | 1 | 1.77 | 2 |  |  |
| NP\_001035500.1 | uncharacterized protein C9orf131 isoform B | |  |  |  |
| NP\_001035501.1 | uncharacterized protein C9orf131 isoform C | |  |  |  |
| NP\_001035502.1 | uncharacterized protein C9orf131 isoform D | |  |  |  |
| NP\_976044.2 | uncharacterized protein C9orf131 isoform A | |  |  |  |
| ESSLEDPSR | 2 | 2.11 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| RASDILTPR | 2 | 2.43 | 3 |  |  |
| NP\_001077430.1 | WD repeat-containing protein 62 isoform 1 | |  |  |  |
| NP\_775907.4 | WD repeat-containing protein 62 isoform 2 | |  |  |  |
| NP\_001011719.1 | arylsulfatase H |  |  |  |  |
| NP\_004415.2 | transcription factor E4F1 |  |  |  |  |
| NP\_055831.1 | microtubule-associated serine/threonine-protein kinase 3 | | | |  |
| NQIQQVFVER | 2 | 2.49 | 2 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| ASSSGGSGGGSGGR | 2 | 2.44 | 2 |  |  |
| NP\_001020331.1 | CD97 antigen isoform 3 preproprotein | |  |  |  |
| NP\_001775.2 | CD97 antigen isoform 2 preproprotein | |  |  |  |
| NP\_510966.1 | CD97 antigen isoform 1 preproprotein | |  |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| QVGLR | 1 | 1.73 | 2 |  |  |
| NP\_510880.2 | unconventional myosin-XVIIIa isoform a | |  |  |  |
| NP\_976063.1 | unconventional myosin-XVIIIa isoform b | |  |  |  |
| SRAPELVTKKFPVDLR | 2 | 2.21 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_060899.2 | transcription factor TFIIIB component B'' homolog | | |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| SSTEKTGGDNDVEESSR | 2 | 2.59 | 3 |  |  |
| NP\_004517.2 | DNA replication licensing factor MCM2 | |  |  |  |
| DYVIEDDVNMAIR | 2 | 2.45 | 3 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_060830.2 | gamma-taxilin isoform 1 |  |  |  |  |
| NP\_001162154.1 | gamma-taxilin isoform 2 |  |  |  |  |
| VEEAARGR | 2 | 2.22 | 1 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_001009999.1 | lysine-specific histone demethylase 1A isoform a | | |  |  |
| NP\_055828.2 | lysine-specific histone demethylase 1A isoform b | | |  |  |
| EAGRIADQFLGAMYTLPR | 2 | 2.24 | 2 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_115901.2 | PDZ domain-containing protein 4 | |  |  |  |
| NPKTGLTLERVGPESSPYLSR | 2 | 2.23 | 2 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_055715.3 | cordon-bleu protein-like 1 |  |  |  |  |
| QSLLTAIR | 2 | 2.38 | 2 |  |  |
| EAGR | 1 | 1.53 | 2 |  |  |
| NP\_570629.2 | dipeptidyl aminopeptidase-like protein 6 isoform 1 | | |  |  |
| ERGGGGGGAGGRPR | 2 | 2.20 | 2 |  |  |
| GAGGR | 1 | 1.77 | 2 |  |  |
| NP\_004332.2 | CAD protein |  |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| GAGGR | 1 | 1.77 | 2 |  |  |
| NP\_065905.2 | lisH domain and HEAT repeat-containing protein KIAA1468 | | | |  |
| LLVAESCGALAPYLPKEIR | 2 | 2.15 | 2 |  |  |
| GAGGR | 1 | 1.77 | 2 |  |  |
| NP\_689848.1 | oncoprotein-induced transcript 3 protein precursor | | |  |  |
| NSPLEIMSR | 1 | 2.03 | 4 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_001008781.2 | protocadherin Fat 3 precursor |  |  |  |  |
| FEIDKASGAIR | 2 | 2.08 | 4 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_001159530.1 | relaxin receptor 2 isoform 2 |  |  |  |  |
| NP\_570718.1 | relaxin receptor 2 isoform 1 |  |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| EVAVANR | 1 | 1.71 | 2 |  |  |
| NP\_005754.2 | alpha-aminoadipic semialdehyde synthase, mitochondrial | | | |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NSSQAVQAVR | 2 | 2.10 | 2 |  |  |
| NP\_055927.2 | microtubule-associated serine/threonine-protein kinase 2 | | | |  |
| NP\_004827.4 | eukaryotic translation initiation factor 2-alpha kinase 3 precursor | | | |  |
| EALP | 1 | 1.50 | 3 |  |  |
| METR | 1 | 1.63 | 2 |  |  |
| NP\_054789.2 | uncharacterized protein C6orf15 precursor | |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| YPGGSWGNINR | 1 | 1.78 | 2 |  |  |
| NP\_065811.1 | E3 ubiquitin-protein ligase HECW2 | |  |  |  |
| SLPSVRQDVSR | 2 | 2.56 | 2 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_783297.2 | tight junction protein ZO-1 isoform b | |  |  |  |
| NP\_003248.3 | tight junction protein ZO-1 isoform a | |  |  |  |
| GFGIAISGGR | 2 | 2.15 | 2 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_061939.3 | MAGE-like protein 2 |  |  |  |  |
| QAPQAR | 1 | 1.78 | 3 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_113678.2 | lon protease homolog 2, peroxisomal | |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| DIITR | 1 | 1.84 | 4 |  |  |
| NP\_065928.2 | dynein heavy chain 2, axonemal |  |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| LYQLMSEPQFSR | 2 | 2.06 | 3 |  |  |
| NP\_071765.2 | roundabout homolog 3 precursor | |  |  |  |
| FSVSPRGQLNITAVQR | 2 | 2.52 | 4 |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NP\_055820.2 | protein KIAA0284 isoform 2 |  |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| KPTMAEARAVSR | 2 | 2.22 | 3 |  |  |
| NP\_009135.4 | probable ATP-dependent RNA helicase DDX20 | | |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| NKVIEQRVPVLASSSQSGDSES DSDSYSSR | 3 | 2.74 | 2 |  |  |
| NP\_996816.2 | usherin isoform B |  |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| TGPAPPEGLR | 2 | 2.48 | 4 |  |  |
| NGSILCDQIGGQCNCKRHVSGR | 3 | 2.93 | 3 |  |  |
| NP\_078800.3 | probable cation-transporting ATPase 13A3 | |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| FPFSSALQR | 1 | 1.52 | 2 |  |  |
| NP\_005910.1 | myocyte enhancer factor 2B isoform b | |  |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| SPGGTSPERSPGTAR | 2 | 2.37 | 2 |  |  |
| NP\_115791.3 | caspase recruitment domain-containing protein 11 | | |  |  |
| EALP | 1 | 1.50 | 3 |  |  |
| EGHQLLLLEGCIRGER | 2 | 2.29 | 3 |  |  |
| ERDQAFHSR | 2 | 2.18 | 2 |  |  |
| NP\_001034679.2 | probable ubiquitin carboxyl-terminal hydrolase FAF-X isoform 3 | | | |  |
| NP\_001034680.2 | probable ubiquitin carboxyl-terminal hydrolase FAF-X isoform 4 | | | |  |
| NGGDGERNR | 2 | 2.05 | 3 |  |  |
| METR | 1 | 1.63 | 2 |  |  |
| NP\_061322.2 | matrin-3 isoform a |  |  |  |  |
| NP\_954659.1 | matrin-3 isoform a |  |  |  |  |
| NP\_001181883.1 | matrin-3 isoform a |  |  |  |  |
| NP\_001181884.1 | matrin-3 isoform a |  |  |  |  |
| GPSLNPVLDYDHGSR | 2 | 2.11 | 2 |  |  |
| TEEGPTLSYGR | 2 | 3.57 | 3 |  |  |
| METR | 1 | 1.63 | 2 |  |  |
| GPGPLQER | 2 | 2.33 | 3 |  |  |
| NP\_004645.2 | probable ubiquitin carboxyl-terminal hydrolase FAF-Y | | |  |  |
| FWFTHNVLFNVSNR | 2 | 2.38 | 3 |  |  |
| METR | 1 | 1.59 | 3 |  |  |
| NP\_065972.3 | ninein isoform 2 |  |  |  |  |
| NP\_891989.2 | ninein isoform 1 |  |  |  |  |
| NP\_891991.1 | ninein isoform 5 |  |  |  |  |
| METR | 1 | 1.63 | 2 |  |  |
| SEEYEAEGQLR | 2 | 2.58 | 3 |  |  |
| NP\_001013694.4 | uncharacterized protein C17orf97 | |  |  |  |
| METR | 1 | 1.63 | 2 |  |  |
| EGGAAGPRGSR | 2 | 2.45 | 3 |  |  |
| NP\_056016.1 | ribosome biogenesis protein BOP1 | |  |  |  |
| MAGSRGAGR | 2 | 2.60 | 2 |  |  |
| QVGLR | 1 | 1.73 | 2 |  |  |
| \*\* cluster of 4 proteins |  |  |  |  |  |
| NP\_570925.2 | receptor-type tyrosine-protein phosphatase S isoform 4 precursor | | | |  |
| NP\_002841.3 | receptor-type tyrosine-protein phosphatase S isoform 1 precursor | | | |  |
| NP\_570923.2 | receptor-type tyrosine-protein phosphatase S isoform 3 precursor | | | |  |
| NP\_570924.2 | receptor-type tyrosine-protein phosphatase S isoform 2 precursor | | | |  |
| ASAPR | 1 | 1.67 | 10 |  |  |
| TGEQAPASAPR | 2 | 2.11 | 11 |  |  |
| NP\_001098673.1 | RUN and SH3 domain-containing protein 1 isoform a | | |  |  |
| NP\_001098674.1 | RUN and SH3 domain-containing protein 1 isoform b | | |  |  |
| NP\_001098675.1 | RUN and SH3 domain-containing protein 1 isoform c | | |  |  |
| NP\_055143.2 | RUN and SH3 domain-containing protein 1 isoform d | | |  |  |
| ASAPR | 1 | 1.67 | 10 |  |  |
| FPLSR | 1 | 1.76 | 10 |  |  |
| NP\_056224.3 | E1A-binding protein p400 |  |  |  |  |
| VELEEKR | 2 | 2.23 | 10 |  |  |
| ASAPR | 1 | 1.67 | 10 |  |  |
| NP\_079441.1 | RNA polymerase II elongation factor ELL3 | |  |  |  |
| VELEEKR | 2 | 2.23 | 10 |  |  |
| EPVQALPSSASR | 2 | 2.46 | 11 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_002267.2 | keratin, type I cytoskeletal 19 |  |  |  |  |
| NP\_000215.1 | keratin, type I cytoskeletal 18 |  |  |  |  |
| NP\_954657.1 | keratin, type I cytoskeletal 18 |  |  |  |  |
| LAADDFR | 2 | 2.82 | 12 |  |  |
| IVLQIDNAR | 2 | 2.65 | 11 |  |  |
| NP\_000412.3 | keratin, type I cytoskeletal 10 |  |  |  |  |
| SQYEQLAEQNR | 2 | 4.81 | 11 |  |  |
| SLLEGEGSSGGGGR | 2 | 4.71 | 11 |  |  |
| LAADDFR | 2 | 2.82 | 12 |  |  |
| LENEIQTYR | 2 | 4.05 | 11 |  |  |
| \*\* cluster of 2 proteins |  |  |  |  |  |
| NP\_689476.2 | tropomyosin alpha-3 chain isoform 1 | |  |  |  |
| NP\_001036816.1 | tropomyosin alpha-3 chain isoform 4 | |  |  |  |
| NP\_001036817.1 | tropomyosin alpha-3 chain isoform 3 | |  |  |  |
| NP\_001036818.1 | tropomyosin alpha-3 chain isoform 5 | |  |  |  |
| NP\_003281.1 | tropomyosin alpha-4 chain isoform 2 | |  |  |  |
| NP\_705935.1 | tropomyosin alpha-3 chain isoform 2 | |  |  |  |
| NP\_001138632.1 | tropomyosin alpha-4 chain isoform 1 | |  |  |  |
| NP\_003280.2 | tropomyosin beta chain isoform 1 | |  |  |  |
| NP\_998839.1 | tropomyosin beta chain isoform 2 | |  |  |  |
| NP\_001018004.1 | tropomyosin alpha-1 chain isoform 3 | |  |  |  |
| NP\_001018005.1 | tropomyosin alpha-1 chain isoform 1 | |  |  |  |
| NP\_001018007.1 | tropomyosin alpha-1 chain isoform 2 | |  |  |  |
| NP\_001018008.1 | tropomyosin alpha-1 chain isoform 6 | |  |  |  |
| EQAEAEVASLNR | 2 | 4.06 | 9 |  |  |
| KYEEVAR | 2 | 2.93 | 9 |  |  |
| RIQLVEEELDR | 2 | 3.56 | 9 |  |  |
| IQLVEEELDR | 2 | 3.90 | 9 |  |  |
| AEFAER | 1 | 1.90 | 9 |  |  |
| KLVIIEGDLER | 2 | 2.95 | 9 |  |  |
| NP\_000357.3 | tropomyosin alpha-1 chain isoform 5 | |  |  |  |
| NP\_001018006.1 | tropomyosin alpha-1 chain isoform 4 | |  |  |  |
| NP\_001018020.1 | tropomyosin alpha-1 chain isoform 7 | |  |  |  |
| AELSEGQVR | 2 | 3.15 | 9 |  |  |
| KYEEVAR | 2 | 2.93 | 9 |  |  |
| RIQLVEEELDR | 2 | 3.56 | 9 |  |  |
| IQLVEEELDR | 2 | 3.90 | 9 |  |  |
| AEFAER | 1 | 1.90 | 9 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_006253.2 | peripherin |  |  |  |  |
| KLLEGEESR | 2 | 3.55 | 7 |  |  |
| LLEGEESR | 2 | 3.14 | 7 |  |  |
| FLEQQNAALRGELSQAR | 2 | 3.94 | 6 |  |  |
| NP\_005547.3 | keratin, type II cytoskeletal 7 |  |  |  |  |
| AKQEELEAALQR | 2 | 3.70 | 6 |  |  |
| GQLEALQVDGGR | 2 | 4.77 | 6 |  |  |
| KLLEGEESR | 2 | 3.55 | 7 |  |  |
| SAYGGPVGAGIR | 2 | 4.12 | 6 |  |  |
| LPDIFEAQIAGLR | 2 | 3.89 | 7 |  |  |
| AKLEAAIAEAEER | 2 | 3.86 | 6 |  |  |
| LDADPSLQR | 2 | 3.09 | 6 |  |  |
| LLEGEESR | 2 | 3.14 | 7 |  |  |
| EVTINQSLLAPLR | 2 | 4.55 | 6 |  |  |
| NP\_001918.3 | desmin |  |  |  |  |
| KLLEGEESR | 2 | 3.55 | 7 |  |  |
| TSGGAGGLGSLR | 2 | 2.69 | 6 |  |  |
| LLEGEESR | 2 | 3.14 | 7 |  |  |
| \*\* cluster of 3 proteins |  |  |  |  |  |
| NP\_694881.1 | heat shock cognate 71 kDa protein isoform 2 | |  |  |  |
| NP\_005336.3 | heat shock 70 kDa protein 1A/1B |  |  |  |  |
| NP\_005337.2 | heat shock 70 kDa protein 1A/1B |  |  |  |  |
| NP\_006588.1 | heat shock cognate 71 kDa protein isoform 1 | |  |  |  |
| TTPSYVAFTDTER | 2 | 4.34 | 10 |  |  |
| VEIIANDQGNR | 2 | 4.18 | 10 |  |  |
| IINEPTAAAIAYGLDR | 2 | 4.87 | 10 |  |  |
| NP\_002146.2 | heat shock 70 kDa protein 6 |  |  |  |  |
| TTPSYVAFTDTER | 2 | 4.34 | 10 |  |  |
| IINEPTAAAIAYGLDR | 2 | 4.87 | 10 |  |  |
| NP\_005518.3 | heat shock 70 kDa protein 1-like |  |  |  |  |
| NP\_068814.2 | heat shock-related 70 kDa protein 2 | |  |  |  |
| GTLEPVEKALR | 2 | 2.33 | 10 |  |  |
| TTPSYVAFTDTER | 2 | 4.34 | 10 |  |  |
| VEIIANDQGNR | 2 | 4.18 | 10 |  |  |
| \*\* cluster of 4 proteins |  |  |  |  |  |
| NP\_001398.2 | cadherin EGF LAG seven-pass G-type receptor 3 precursor | | |  |  |
| GLGGR | 1 | 1.60 | 9 |  |  |
| TQDQDSQR | 2 | 2.02 | 10 |  |  |
| NP\_001123616.1 | latent-transforming growth factor beta-binding protein 3 isoform 1 precursor | | | | |
| NP\_066548.2 | latent-transforming growth factor beta-binding protein 3 isoform 2 precursor | | | | |
| MNGGQCSSR | 2 | 2.07 | 10 |  |  |
| GLGGR | 1 | 1.60 | 9 |  |  |
| NP\_597707.1 | ankyrin repeat and SAM domain-containing protein 3 isoform 1 | | | |  |
| GLGGR | 1 | 1.60 | 9 |  |  |
| FLLDSGANANVR | 2 | 2.03 | 8 |  |  |
| NP\_002365.3 | microtubule-associated protein 2 isoform 1 | |  |  |  |
| GLGGR | 1 | 1.60 | 9 |  |  |
| GRISTPER | 2 | 2.55 | 9 |  |  |
| \*\* cluster of 70 proteins |  |  |  |  |  |
| NP\_001026884.3 | inverted formin-2 isoform 2 |  |  |  |  |
| NP\_071934.3 | inverted formin-2 isoform 1 |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| EGGPR | 1 | 1.53 | 11 |  |  |
| NP\_001120936.1 | zinc finger protein 469 |  |  |  |  |
| VTCPSTGLGLGR | 2 | 2.51 | 10 |  |  |
| EGGPR | 1 | 1.53 | 11 |  |  |
| NP\_112557.2 | cyclin-dependent kinase 13 isoform 2 | |  |  |  |
| NP\_003709.3 | cyclin-dependent kinase 13 isoform 1 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| SPAGGG | 1 | 1.50 | 10 |  |  |
| NP\_055538.2 | syntaphilin |  |  |  |  |
| GGSPAR | 1 | 1.51 | 9 |  |  |
| SPAGGG | 1 | 1.59 | 9 |  |  |
| NP\_061978.6 | tenascin-X isoform 1 precursor |  |  |  |  |
| AGPFSSR | 1 | 1.64 | 9 |  |  |
| SPAGGG | 1 | 1.59 | 9 |  |  |
| NP\_006827.1 | translational activator GCN1 |  |  |  |  |
| MKIDPEAFITR | 2 | 2.36 | 12 |  |  |
| DPGVR | 1 | 1.75 | 12 |  |  |
| NP\_149014.3 | rho GTPase-activating protein SYDE1 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| DPGVR | 1 | 1.75 | 12 |  |  |
| NP\_000085.1 | collagen alpha-1(VII) chain precursor | |  |  |  |
| GEPGSVPNVDR | 1 | 1.68 | 12 |  |  |
| DPGVR | 1 | 1.75 | 12 |  |  |
| NP\_542417.2 | protein PRRC2A |  |  |  |  |
| NP\_004629.3 | protein PRRC2A |  |  |  |  |
| GVPSR | 1 | 1.50 | 10 |  |  |
| QGSVTAPGGHPR | 2 | 2.13 | 11 |  |  |
| VNSGLSSDPHFEEPGPMVR | 2 | 2.52 | 10 |  |  |
| NP\_443128.2 | CUB and sushi domain-containing protein 2 | |  |  |  |
| GVPSR | 1 | 1.50 | 10 |  |  |
| VGSPR | 1 | 1.70 | 9 |  |  |
| NP\_056982.1 | zinc finger and BTB domain-containing protein 7A | | |  |  |
| NP\_001073988.2 | BAH and coiled-coil domain-containing protein 1 | | |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| GVPSR | 1 | 1.50 | 10 |  |  |
| NP\_612401.2 | SH3KBP1-binding protein 1 |  |  |  |  |
| MAAAATAAEGVPSR | 2 | 2.09 | 11 |  |  |
| GVPSR | 1 | 1.50 | 10 |  |  |
| NP\_073603.2 | ceramide kinase |  |  |  |  |
| VGSPR | 1 | 1.70 | 9 |  |  |
| LFARGIEENPKPDSHS | 2 | 3.22 | 10 |  |  |
| NP\_060023.1 | DNA helicase INO80 |  |  |  |  |
| VLLTR | 1 | 1.58 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_919269.2 | xin actin-binding repeat-containing protein 1 isoform 1 | | |  |  |
| NP\_001185550.1 | xin actin-binding repeat-containing protein 1 isoform 2 | | |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| EPAASGDVQGTR | 2 | 2.34 | 12 |  |  |
| NP\_001242983.1 | uncharacterized protein C9orf72 isoform a | |  |  |  |
| NP\_060795.1 | uncharacterized protein C9orf72 isoform a | |  |  |  |
| ILGPR | 1 | 1.84 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_001171134.1 | telomere-associated protein RIF1 isoform 2 | |  |  |  |
| NP\_001171135.1 | telomere-associated protein RIF1 isoform 2 | |  |  |  |
| NP\_001171136.1 | telomere-associated protein RIF1 isoform 2 | |  |  |  |
| NP\_060621.3 | telomere-associated protein RIF1 isoform 1 | |  |  |  |
| KKALISSR | 1 | 1.88 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_003768.2 | dynein heavy chain 11, axonemal | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| VWDAYTGLEGTVKDMTASLR | 3 | 2.55 | 11 |  |  |
| NP\_001229601.1 | tetratricopeptide repeat protein 34 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| LRATCLAELQEFGR | 2 | 2.30 | 10 |  |  |
| NP\_079406.3 | putative hexokinase HKDC1 |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| FLYHMR | 1 | 1.74 | 10 |  |  |
| NP\_055542.1 | histone-lysine N-methyltransferase MLL4 | |  |  |  |
| GGQSSRGGR | 2 | 2.02 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_542937.2 | dachshund homolog 1 isoform a |  |  |  |  |
| NP\_542938.2 | dachshund homolog 1 isoform b |  |  |  |  |
| NP\_004383.3 | dachshund homolog 1 isoform c |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| VLNDSLTPEIEADRSGGR | 2 | 2.35 | 12 |  |  |
| NP\_219499.1 | cortactin-binding protein 2 |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NTVTQALSR | 1 | 1.91 | 10 |  |  |
| NP\_079504.2 | TRAF3-interacting JNK-activating modulator | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| DLQMNQALR | 2 | 2.84 | 10 |  |  |
| NP\_001002812.1 | myomegalin isoform 2 |  |  |  |  |
| NP\_055459.4 | myomegalin isoform 1 |  |  |  |  |
| NP\_001185763.2 | myomegalin isoform 9 |  |  |  |  |
| NP\_001185761.1 | myomegalin isoform 8 |  |  |  |  |
| LVEQLSR | 1 | 1.95 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_055816.2 | msx2-interacting protein |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| VVLTR | 1 | 1.58 | 12 |  |  |
| NP\_690595.1 | RNA-binding protein 10 isoform 2 | |  |  |  |
| NP\_001191395.1 | RNA-binding protein 10 isoform 3 | |  |  |  |
| NP\_001191396.1 | RNA-binding protein 10 isoform 4 | |  |  |  |
| NP\_001191397.1 | RNA-binding protein 10 isoform 5 | |  |  |  |
| NP\_005667.2 | RNA-binding protein 10 isoform 1 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| SQDDGGENRSR | 2 | 2.30 | 10 |  |  |
| NP\_001409.3 | eukaryotic translation initiation factor 4 gamma 2 isoform 1 | | | |  |
| NP\_001166176.1 | eukaryotic translation initiation factor 4 gamma 2 isoform 1 | | | |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| FSPTMGRHR | 1 | 1.81 | 10 |  |  |
| NP\_056193.2 | vacuolar protein sorting-associated protein 13D isoform 1 | | | |  |
| NP\_060626.2 | vacuolar protein sorting-associated protein 13D isoform 2 | | | |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| LNFLQRVR | 2 | 2.31 | 12 |  |  |
| NP\_055864.2 | trafficking kinesin-binding protein 2 | |  |  |  |
| LSIGESITNRR | 2 | 2.12 | 11 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_055335.2 | myb-binding protein 1A isoform 2 | |  |  |  |
| NP\_001099008.1 | myb-binding protein 1A isoform 1 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NSPLTVPMFLSLFSR | 2 | 2.65 | 10 |  |  |
| NP\_689811.2 | probable E3 ubiquitin-protein ligase MARCH10 | | |  |  |
| NP\_001094345.1 | probable E3 ubiquitin-protein ligase MARCH10 | | |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| FAELMRLNHNQVER | 2 | 2.35 | 11 |  |  |
| NP\_060595.3 | rho guanine nucleotide exchange factor 10-like protein isoform 1 | | | |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| DILALRVGGR | 2 | 2.13 | 11 |  |  |
| NP\_203754.2 | 182 kDa tankyrase-1-binding protein | |  |  |  |
| NLEVSSCVGSGGSSEARESA VGQMGWSGGLSLR | 3 | 2.50 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_001171146.1 | patatin-like phospholipase domain-containing protein 5 isoform 2 | | | |  |
| NP\_620169.1 | patatin-like phospholipase domain-containing protein 5 isoform 1 | | | |  |
| QGYLDALR | 1 | 1.68 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_075573.2 | calpain-10 isoform c |  |  |  |  |
| NP\_075571.1 | calpain-10 isoform a |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| RAGAR | 1 | 1.50 | 11 |  |  |
| NP\_001231903.1 | serine/threonine-protein phosphatase PP1-gamma catalytic subunit isoform 2 | | | | |
| NP\_002701.1 | serine/threonine-protein phosphatase PP1-gamma catalytic subunit isoform 1 | | | | |
| MADLDKLNIDSIIQR | 2 | 2.62 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_699207.1 | coiled-coil domain-containing protein 96 | |  |  |  |
| DILTKTKQAR | 2 | 2.15 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_055564.3 | uncharacterized protein KIAA0586 isoform 5 | |  |  |  |
| FNSPSPKSRPQRPKVIER | 2 | 2.07 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_056236.2 | transmembrane protein 186 |  |  |  |  |
| TFGFLSR | 1 | 2.11 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_001401.2 | multiple epidermal growth factor-like domains protein 8 precursor | | | |  |
| GAMYLLGGLTAGGVTR | 1 | 2.01 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_005426.2 | rho guanine nucleotide exchange factor 5 | |  |  |  |
| NP\_005551.3 | laminin subunit alpha-5 precursor | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| EAPAR | 1 | 1.66 | 11 |  |  |
| NP\_001108225.1 | endoglin isoform 1 precursor |  |  |  |  |
| NP\_000109.1 | endoglin isoform 2 precursor |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| VLPGHSAGPR | 1 | 1.78 | 11 |  |  |
| NP\_612361.1 | atherin |  |  |  |  |
| TDVLTGLSIR | 2 | 2.38 | 11 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_079136.2 | N-lysine methyltransferase SETD6 isoform b | |  |  |  |
| NP\_001153777.1 | N-lysine methyltransferase SETD6 isoform a | |  |  |  |
| GGLLER | 1 | 1.77 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_689726.3 | meiosis inhibitor protein 1 |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| DSEKAILQR | 1 | 1.59 | 11 |  |  |
| NP\_000435.3 | phosphate-regulating neutral endopeptidase | | |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| LEIKIAEIMIPHENR | 2 | 2.31 | 12 |  |  |
| NP\_001073996.1 | unconventional myosin-VIIb |  |  |  |  |
| RAVVVIQAHAR | 1 | 2.11 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_056327.4 | dynein heavy chain 1, axonemal |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| KGVFGPPLGR | 2 | 2.32 | 12 |  |  |
| NP\_940857.2 | SCO-spondin precursor |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| EAGCPAGR | 2 | 2.38 | 11 |  |  |
| GLWNCTAR | 2 | 2.08 | 11 |  |  |
| NP\_055901.2 | dendrin |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| VAQLAGLPAPLRPER | 2 | 2.73 | 11 |  |  |
| NP\_689914.2 | ATP-binding cassette sub-family A member 13 | | |  |  |
| LVGAISR | 1 | 1.69 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_065867.2 | kinesin-like protein KIF17 isoform a | |  |  |  |
| NP\_001116291.1 | kinesin-like protein KIF17 isoform b | |  |  |  |
| EEYEERLAR | 1 | 1.97 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_001186978.2 | tetratricopeptide repeat protein 40 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| TLAHGALAQLGSLQPLSVGCVEIR | 3 | 2.70 | 11 |  |  |
| NP\_000102.1 | chloride anion exchanger |  |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| KLIDAVGFSPLR | 2 | 2.36 | 10 |  |  |
| NP\_057195.2 | telomere length regulation protein TEL2 homolog | | |  |  |
| QGPAGSPSR | 2 | 2.47 | 12 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_057726.3 | spectrin beta chain, brain 4 |  |  |  |  |
| QLLAAFTIFR | 2 | 2.78 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_001182457.1 | uncharacterized protein LOC100507050 precursor | | |  |  |
| YEQDADPR | 2 | 2.17 | 11 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_113584.3 | E3 ubiquitin-protein ligase HUWE1 | |  |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| LQAVQAR | 1 | 1.52 | 11 |  |  |
| NP\_055318.2 | small subunit processome component 20 homolog | | |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| MAIVLR | 1 | 1.76 | 11 |  |  |
| NP\_005076.3 | nuclear pore complex protein Nup214 | |  |  |  |
| EIINQQRKR | 1 | 1.64 | 10 |  |  |
| QGLL | 1 | 1.61 | 11 |  |  |
| NP\_055519.1 | centrosomal protein of 104 kDa |  |  |  |  |
| VLLTR | 1 | 1.58 | 10 |  |  |
| QHQASILEYLPPDDSNTR | 2 | 2.08 | 10 |  |  |
| NP\_055895.1 | neurexin-2-beta isoform alpha-1 precursor | |  |  |  |
| NP\_620060.1 | neurexin-2-beta isoform alpha-2 precursor | |  |  |  |
| VLLTR | 1 | 1.58 | 10 |  |  |
| AGGGAGSHSSAQR | 2 | 2.48 | 11 |  |  |
| FGLRAIVADPVTFKSR | 2 | 2.45 | 11 |  |  |
| NP\_005695.3 | receptor-type tyrosine-protein phosphatase U isoform 3 precursor | | | |  |
| NP\_573439.2 | receptor-type tyrosine-protein phosphatase U isoform 1 precursor | | | |  |
| NP\_573438.3 | receptor-type tyrosine-protein phosphatase U isoform 2 precursor | | | |  |
| NP\_001181930.1 | receptor-type tyrosine-protein phosphatase U isoform 4 precursor | | | |  |
| LVLTNPEGR | 2 | 2.00 | 11 |  |  |
| VLLTR | 1 | 1.58 | 10 |  |  |
| NP\_001092093.1 | obscurin isoform b |  |  |  |  |
| NP\_443075.2 | obscurin isoform a |  |  |  |  |
| DAVASAR | 1 | 1.81 | 11 |  |  |
| EAPAR | 1 | 1.66 | 11 |  |  |
| VVLTR | 1 | 1.58 | 12 |  |  |
| NP\_057040.2 | 39S ribosomal protein L4, mitochondrial isoform a | | |  |  |
| NP\_666499.1 | 39S ribosomal protein L4, mitochondrial isoform a | | |  |  |
| NP\_666500.1 | 39S ribosomal protein L4, mitochondrial isoform b | | |  |  |
| ISYAKTKTR | 2 | 2.32 | 10 |  |  |
| RAGAR | 1 | 1.50 | 11 |  |  |
| NP\_702914.1 | outer dense fiber protein 2 isoform 4 | |  |  |  |
| NP\_702917.1 | outer dense fiber protein 2 isoform 5 | |  |  |  |
| NP\_702910.1 | outer dense fiber protein 2 isoform 3 | |  |  |  |
| NP\_702918.1 | outer dense fiber protein 2 isoform 7 | |  |  |  |
| NP\_001229283.1 | outer dense fiber protein 2 isoform 8 | |  |  |  |
| NP\_702915.1 | outer dense fiber protein 2 isoform 6 | |  |  |  |
| KNIDLTAIISDLR | 2 | 2.23 | 11 |  |  |
| RAGAR | 1 | 1.50 | 11 |  |  |
| NP\_036433.2 | membrane-associated guanylate kinase, WW and PDZ domain-containing  protein 2 | | | | |
| RAGAR | 1 | 1.50 | 11 |  |  |
| AIELIKSGGR | 2 | 2.23 | 12 |  |  |
| NP\_940927.2 | kinesin-like protein KIF7 |  |  |  |  |
| RAGAR | 1 | 1.50 | 11 |  |  |
| APGPATASAAAAMR | 1 | 1.56 | 10 |  |  |
| NP\_000531.2 | ryanodine receptor 1 isoform 1 |  |  |  |  |
| NP\_001036188.1 | ryanodine receptor 1 isoform 2 |  |  |  |  |
| LLYQQARLHTR | 2 | 2.14 | 11 |  |  |
| EAPAR | 1 | 1.66 | 11 |  |  |
| IEIMGASRR | 1 | 1.51 | 12 |  |  |
| \*\* cluster of 6 proteins |  |  |  |  |  |
| NP\_001243211.1 | keratin, type II cytoskeletal 8 isoform 1 | |  |  |  |
| NP\_001243222.1 | keratin, type II cytoskeletal 8 isoform 2 | |  |  |  |
| NP\_775109.2 | keratin, type II cytoskeletal 6C |  |  |  |  |
| NP\_056932.2 | keratin, type II cytoskeletal 2 oral | |  |  |  |
| NP\_005546.2 | keratin, type II cytoskeletal 6B |  |  |  |  |
| NP\_002264.1 | keratin, type II cytoskeletal 8 isoform 2 | |  |  |  |
| NP\_005545.1 | keratin, type II cytoskeletal 6A |  |  |  |  |
| NKYEDEINKR | 2 | 3.27 | 12 |  |  |
| AQYEEIAQR | 2 | 3.53 | 12 |  |  |
| YEDEINKR | 2 | 2.07 | 11 |  |  |
| NP\_006112.3 | keratin, type II cytoskeletal 1 |  |  |  |  |
| TLLEGEESR | 2 | 2.94 | 12 |  |  |
| NKYEDEINKR | 2 | 3.27 | 12 |  |  |
| YEDEINKR | 2 | 2.07 | 11 |  |  |
| NP\_000415.2 | keratin, type II cytoskeletal 5 |  |  |  |  |
| NKYEDEINKR | 2 | 3.27 | 12 |  |  |
| YEDEINKR | 2 | 2.07 | 11 |  |  |
| GLGVGFGSGGGSSSSVKF VSTTSSSRKSFKS | 2 | 2.04 | 12 |  |  |
| ISISTSGGSFRNR | 1 | 2.22 | 12 |  |  |
| NP\_002263.3 | keratin, type II cytoskeletal 4 |  |  |  |  |
| NLDLDSIIAEVR | 2 | 3.28 | 12 |  |  |
| AQYEEIAQR | 2 | 3.53 | 12 |  |  |
| NP\_000414.2 | keratin, type II cytoskeletal 2 epidermal | |  |  |  |
| AQYEEIAQR | 2 | 3.53 | 12 |  |  |
| YEDEINKR | 2 | 2.07 | 11 |  |  |
| GFSSGSAVVSGGSR | 2 | 5.33 | 12 |  |  |
| GGGFGGGSSFGGGSGF SGGGFGGGGFGGGR | 2 | 6.76 | 11 |  |  |
| NP\_004684.2 | keratin, type II cytoskeletal 75 |  |  |  |  |
| FSSVSVARSAAGSGGLGR | 2 | 2.02 | 12 |  |  |
| YEDEINKR | 2 | 2.07 | 11 |  |  |
| NP\_001029249.1 | histone H4 |  |  |  |  |
| NP\_003529.1 | histone H4 |  |  |  |  |
| NP\_003530.1 | histone H4 |  |  |  |  |
| NP\_003531.1 | histone H4 |  |  |  |  |
| NP\_003532.1 | histone H4 |  |  |  |  |
| NP\_003533.1 | histone H4 |  |  |  |  |
| NP\_003534.1 | histone H4 |  |  |  |  |
| NP\_003535.1 | histone H4 |  |  |  |  |
| NP\_003536.1 | histone H4 |  |  |  |  |
| NP\_003537.1 | histone H4 |  |  |  |  |
| NP\_003486.1 | histone H4 |  |  |  |  |
| NP\_003539.1 | histone H4 |  |  |  |  |
| NP\_778224.1 | histone H4 |  |  |  |  |
| NP\_068803.1 | histone H4 |  |  |  |  |
| DNIQGITKPAIR | 2 | 3.48 | 12 |  |  |
| ISGLIYEETR | 2 | 4.27 | 12 |  |  |
| TLYGFGG | 1 | 2.39 | 12 |  |  |
| NP\_958842.1 | ras-related protein Rab-5C isoform a | |  |  |  |
| NP\_001238968.1 | ras-related protein Rab-5C isoform b | |  |  |  |
| NP\_004574.2 | ras-related protein Rab-5C isoform a | |  |  |  |
| GAQAAIVVYDITNTDTFAR | 2 | 4.66 | 11 |  |  |
| GVDLQENNPASR | 2 | 4.55 | 11 |  |  |
| NP\_001137532.1 | NHS-like protein 1 isoform 2 |  |  |  |  |
| NP\_065197.1 | NHS-like protein 1 isoform 1 |  |  |  |  |
| SLSFSGPRYGR | 2 | 2.12 | 5 |  |  |
| GALGAAEGCSLDGLAR | 2 | 2.58 | 6 |  |  |
| NP\_006167.1 | neurogranin |  |  |  |  |
| NP\_001119653.1 | neurogranin |  |  |  |  |
| GGAGGGPSGD | 1 | 1.95 | 10 |  |  |
| GRKGPGPGGPGGAGVAR | 2 | 2.24 | 9 |  |  |
| NP\_808760.1 | histone H2A.J |  |  |  |  |
| NP\_254280.1 | histone H2A type 3 |  |  |  |  |
| NP\_619541.1 | histone H2A.V isoform 2 |  |  |  |  |
| NP\_036544.1 | histone H2A.V isoform 1 |  |  |  |  |
| NP\_001035807.1 | histone H2A type 2-A |  |  |  |  |
| NP\_066409.1 | histone H2A type 1-D |  |  |  |  |
| NP\_066408.1 | histone H2A type 1 |  |  |  |  |
| NP\_066544.1 | histone cluster 1, H2aj |  |  |  |  |
| NP\_066390.1 | histone H2A type 1-B/E |  |  |  |  |
| NP\_003508.1 | histone H2A type 2-C |  |  |  |  |
| NP\_542163.1 | histone H2A type 1-H |  |  |  |  |
| NP\_003504.2 | histone H2A type 1-B/E |  |  |  |  |
| NP\_734466.1 | histone H2A type 1-A |  |  |  |  |
| NP\_003500.1 | histone H2A type 1 |  |  |  |  |
| NP\_003501.1 | histone H2A type 1 |  |  |  |  |
| NP\_003502.1 | histone H2A type 1 |  |  |  |  |
| NP\_003503.1 | histone H2A type 1-C |  |  |  |  |
| NP\_003505.1 | histone H2A type 1 |  |  |  |  |
| NP\_003507.1 | histone H2A type 2-A |  |  |  |  |
| NP\_002096.1 | histone H2A.x |  |  |  |  |
| NP\_002097.1 | histone H2A.Z |  |  |  |  |
| HLQLAIR | 2 | 2.74 | 12 |  |  |
| AGLQFPVGR | 2 | 3.63 | 12 |  |  |
| NP\_003371.2 | vimentin |  |  |  |  |
| SYVTTSTR | 2 | 2.20 | 12 |  |  |
| TYSLGSALRPSTSR | 2 | 3.06 | 12 |  |  |
| SLYASSPGGVYATR | 2 | 4.68 | 12 |  |  |
| NP\_055455.3 | tubulin polyglutamylase TTLL4 |  |  |  |  |
| QKWIVKPPASAR | 2 | 2.16 | 9 |  |  |
| IYLFSDGLVR | 2 | 2.11 | 9 |  |  |
| NP\_056057.2 | arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing  protein 1 isoform a | | | | |
| NP\_001128662.1 | arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing  protein 1 isoform d | | | | |
| NP\_001035207.1 | arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing  protein 1 isoform c | | | | |
| LAGLLR | 1 | 1.61 | 6 |  |  |
| DFERLGR | 2 | 2.05 | 6 |  |  |
| GLGAGVSKVR | 2 | 2.07 | 5 |  |  |
| NP\_116277.2 | collagen alpha-1(XXVII) chain preproprotein | |  |  |  |
| SQKRKLQLGLQFLPGKTVVHLGSR | 2 | 2.21 | 12 |  |  |
| MGAGSARGAR | 2 | 2.33 | 11 |  |  |
| NP\_001158886.1 | L-lactate dehydrogenase A chain isoform 3 | |  |  |  |
| NP\_001158887.1 | L-lactate dehydrogenase A chain isoform 4 | |  |  |  |
| NP\_001158888.1 | L-lactate dehydrogenase A chain isoform 5 | |  |  |  |
| NP\_002291.1 | L-lactate dehydrogenase B chain |  |  |  |  |
| NP\_001167568.1 | L-lactate dehydrogenase B chain |  |  |  |  |
| NP\_005557.1 | L-lactate dehydrogenase A chain isoform 1 | |  |  |  |
| VIGSGCNLDSAR | 2 | 3.93 | 8 |  |  |
| LNLVQR | 1 | 2.14 | 8 |  |  |
| NP\_001186143.1 | stathmin-2 isoform 1 |  |  |  |  |
| NP\_008960.2 | stathmin-2 isoform 2 |  |  |  |  |
| ASGQAFELILKPPSPISEAPR | 2 | 3.31 | 11 |  |  |
| EANLAAIIER | 2 | 2.71 | 10 |  |  |
| NP\_001106970.2 | MAM domain-containing glycosylphosphatidylinositol anchor protein 2 isoform 1 | | | | |
| WTKTAGSASDR | 1 | 1.87 | 10 |  |  |
| MSVWSAGLLR | 2 | 2.27 | 11 |  |  |
| NP\_060282.1 | coiled-coil-helix-coiled-coil-helix domain-containing protein 3,  mitochondrial precursor | | | | |
| AAANEQLTR | 2 | 3.07 | 10 |  |  |
| LSENVIDR | 2 | 2.72 | 11 |  |  |
| NP\_009194.2 | coatomer subunit epsilon isoform a | |  |  |  |
| NP\_955476.1 | coatomer subunit epsilon isoform c | |  |  |  |
| DSIVAELDR | 2 | 2.96 | 9 |  |  |
| LVLQYAPSA | 1 | 1.78 | 9 |  |  |
| NP\_543141.3 | probable G-protein coupled receptor 62 | |  |  |  |
| RAALRPPRPAR | 2 | 2.00 | 10 |  |  |
| LALGRLSR | 1 | 1.68 | 10 |  |  |
| NP\_053733.2 | RNA-binding protein EWS isoform 1 | |  |  |  |
| NP\_001156757.1 | RNA-binding protein EWS isoform 3 | |  |  |  |
| NP\_001156758.1 | RNA-binding protein EWS isoform 4 | |  |  |  |
| NP\_005234.1 | RNA-binding protein EWS isoform 2 | |  |  |  |
| GGFGGGR | 1 | 1.73 | 9 |  |  |
| GMDRGGFGGGR | 2 | 2.49 | 10 |  |  |
| NP\_002461.2 | myosin-3 |  |  |  |  |
| QAAETLKHLR | 2 | 2.22 | 12 |  |  |
| RANLLQAEVEELR | 2 | 2.85 | 12 |  |  |
| NP\_001135974.1 | relA-associated inhibitor |  |  |  |  |
| NP\_006654.2 | relA-associated inhibitor |  |  |  |  |
| DLTLR | 1 | 1.78 | 12 |  |  |
| EGESVTVLR | 1 | 2.30 | 12 |  |  |
| NP\_001129487.1 | annexin A2 isoform 2 |  |  |  |  |
| NP\_001002857.1 | annexin A2 isoform 2 |  |  |  |  |
| NP\_001002858.1 | annexin A2 isoform 1 |  |  |  |  |
| NP\_004030.1 | annexin A2 isoform 2 |  |  |  |  |
| TNQELQEINR | 2 | 4.30 | 9 |  |  |
| AEDGSVIDYELIDQDAR | 2 | 5.24 | 9 |  |  |
| RAEDGSVIDYELIDQDAR | 2 | 5.50 | 8 |  |  |
| DLYDAGVKR | 2 | 2.47 | 8 |  |  |
| NP\_055603.2 | tripartite motif-containing protein 14 | |  |  |  |
| NP\_150088.1 | tripartite motif-containing protein 14 | |  |  |  |
| NP\_150089.1 | tripartite motif-containing protein 14 | |  |  |  |
| MAGAATGSR | 1 | 1.54 | 12 |  |  |
| MAGAATGSRTPGR | 2 | 2.04 | 11 |  |  |
| NP\_006151.3 | neurogenic differentiation factor 2 | |  |  |  |
| LAGAQCQAAGGLGGGAAHALR | 2 | 2.41 | 1 |  |  |
| NFLTEQGADGAGR | 2 | 2.14 | 2 |  |  |
| NP\_775733.3 | papilin precursor |  |  |  |  |
| LRLDQNQPR | 2 | 2.69 | 4 |  |  |
| GAEGDLAPERLHAR | 2 | 2.45 | 3 |  |  |
| NP\_001128527.1 | transketolase |  |  |  |  |
| NP\_001055.1 | transketolase |  |  |  |  |
| DAIAQAVR | 1 | 3.11 | 5 |  |  |
| VLDPFTIKPLDR | 2 | 3.31 | 5 |  |  |
| MPSLPSYKVGDKIATR | 2 | 3.04 | 6 |  |  |
| KLILDSAR | 2 | 2.78 | 5 |  |  |
| NP\_001036111.1 | trafficking kinesin-binding protein 1 isoform 1 | | |  |  |
| ENYLSERR | 1 | 1.60 | 9 |  |  |
| GLVPEGLPLR | 1 | 1.60 | 8 |  |  |
| NP\_001185727.1 | activating signal cointegrator 1 complex subunit 1 isoform b | | | |  |
| NP\_001185729.1 | activating signal cointegrator 1 complex subunit 1 isoform b | | | |  |
| FTVDSFGNYASCGQIDFS | 2 | 2.50 | 6 |  |  |
| HIVGKRGDTR | 2 | 2.19 | 6 |  |  |
| NP\_001153467.1 | pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1c | | | |  |
| NP\_039250.2 | pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1 | | | |  |
| NP\_039251.2 | pro-neuregulin-1, membrane-bound isoform isoform HRG-beta2 | | | |  |
| NP\_001153473.1 | pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1d | | | |  |
| NP\_039258.1 | pro-neuregulin-1, membrane-bound isoform isoform HRG-alpha | | | |  |
| NP\_001153471.1 | pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1b | | | |  |
| TKPNGHIANR | 1 | 1.59 | 1 |  |  |
| HSSPTGGPRGR | 1 | 1.79 | 2 |  |  |
| NP\_004125.3 | stress-70 protein, mitochondrial precursor | |  |  |  |
| AQFEGIVTDLIR | 2 | 4.77 | 5 |  |  |
| TTPSVVAFTADGER | 2 | 4.53 | 5 |  |  |
| KDSETGENIR | 2 | 3.42 | 5 |  |  |
| NP\_001129494.1 | nuclear factor of activated T-cells, cytoplasmic 4 isoform 1 | | | |  |
| NP\_001185894.1 | nuclear factor of activated T-cells, cytoplasmic 4 isoform 3 | | | |  |
| NP\_001185895.1 | nuclear factor of activated T-cells, cytoplasmic 4 isoform 4 | | | |  |
| NP\_001185896.1 | nuclear factor of activated T-cells, cytoplasmic 4 isoform 5 | | | |  |
| NP\_004545.2 | nuclear factor of activated T-cells, cytoplasmic 4 isoform 2 | | | |  |
| FGLGSPLPSPR | 2 | 2.34 | 12 |  |  |
| LGGPGGGAGGAGGGR | 1 | 1.67 | 12 |  |  |
| NP\_006547.1 | phosphomevalonate kinase |  |  |  |  |
| MAPLGGAPR | 1 | 1.51 | 1 |  |  |
| KIVEGISQPIWLVSDTR | 2 | 2.45 | 1 |  |  |
| NP\_620594.1 | A disintegrin and metalloproteinase with thrombospondin motifs 13  isoform 1 preproprotein | | | | |
| NP\_620596.2 | A disintegrin and metalloproteinase with thrombospondin motifs 13  isoform 2 preproprotein | | | | |
| ILYCAR | 1 | 1.53 | 8 |  |  |
| QLLSLLSAGR | 2 | 2.39 | 7 |  |  |
| NP\_005733.1 | protein disulfide-isomerase A6 precursor | |  |  |  |
| TGEAIVDAALSALR | 2 | 4.16 | 7 |  |  |
| DIVSR | 1 | 1.88 | 7 |  |  |
| GSTAPVGGGAFPTIVER | 2 | 5.29 | 7 |  |  |
| NP\_001019820.1 | calnexin precursor |  |  |  |  |
| NP\_001737.1 | calnexin precursor |  |  |  |  |
| EIEDPEDR | 2 | 2.45 | 4 |  |  |
| KIPNPDFFEDLEPFR | 2 | 3.72 | 4 |  |  |
| NP\_001006933.1 | ribosomal protein S6 kinase alpha-2 isoform b | | |  |  |
| GGELLDR | 1 | 1.76 | 5 |  |  |
| EYLSPNQLSR | 2 | 2.09 | 4 |  |  |
| NP\_001264.2 | chromodomain-helicase-DNA-binding protein 4 | | |  |  |
| RHDYWLLAGIINHGYAR | 2 | 2.69 | 10 |  |  |
| APEPTPQQVAQQQ | 2 | 2.06 | 10 |  |  |
| NP\_004930.1 | ATP-dependent RNA helicase DDX1 | |  |  |  |
| FLICTDVAAR | 2 | 2.57 | 5 |  |  |
| ELLIIGGVAAR | 2 | 2.19 | 4 |  |  |
| NP\_620591.3 | tetraspanin-32 |  |  |  |  |
| QELAAIQDVFLCCGKKSPFSR | 3 | 2.54 | 1 |  |  |
| EDCLQGIR | 1 | 1.89 | 2 |  |  |
| NP\_005959.2 | heterogeneous nuclear ribonucleoprotein M isoform a | | |  |  |
| NP\_112480.2 | heterogeneous nuclear ribonucleoprotein M isoform b | | |  |  |
| ADILEDKDGKSR | 2 | 2.12 | 10 |  |  |
| MGLAMGGGGGASFDR | 1 | 1.65 | 10 |  |  |
| NP\_006022.3 | pericentrin |  |  |  |  |
| KDHVDELEPER | 2 | 2.02 | 8 |  |  |
| LLGLFGETLR | 2 | 2.26 | 7 |  |  |
| NP\_002682.2 | DNA polymerase delta catalytic subunit | |  |  |  |
| ELNLAISR | 1 | 1.84 | 6 |  |  |
| FGVSSVAEAMALGR | 2 | 3.02 | 7 |  |  |
| NP\_036339.1 | heterogeneous nuclear ribonucleoprotein H3 isoform a | | |  |  |
| NP\_067676.2 | heterogeneous nuclear ribonucleoprotein H3 isoform b | | |  |  |
| ATENDIANFFSPLNPIR | 2 | 5.01 | 8 |  |  |
| YIELFLNSTPGGGSGMGGS GMGGYGR | 3 | 2.87 | 9 |  |  |
| NP\_065208.2 | ankyrin-1 isoform 4 |  |  |  |  |
| NP\_065210.2 | ankyrin-1 isoform 2 |  |  |  |  |
| NP\_000028.3 | ankyrin-1 isoform 3 |  |  |  |  |
| NP\_065209.2 | ankyrin-1 isoform 1 |  |  |  |  |
| EADAATSFLR | 2 | 2.15 | 6 |  |  |
| IGHTNMVKLLLENNANPN LATTAGHTPLHIAAR | 3 | 2.60 | 6 |  |  |
| NP\_002503.1 | nucleoside diphosphate kinase B isoform a | |  |  |  |
| NP\_000260.1 | nucleoside diphosphate kinase A isoform b | |  |  |  |
| NP\_001018147.1 | nucleoside diphosphate kinase B isoform a | |  |  |  |
| NP\_001018146.1 | NME1-NME2 protein |  |  |  |  |
| NP\_001018148.1 | nucleoside diphosphate kinase B isoform a | |  |  |  |
| NP\_001018149.1 | nucleoside diphosphate kinase B isoform a | |  |  |  |
| NP\_937818.1 | nucleoside diphosphate kinase A isoform a | |  |  |  |
| GDFCIQVGR | 2 | 3.62 | 12 |  |  |
| TFIAIKPDGVQR | 2 | 3.88 | 12 |  |  |
| NP\_115758.3 | conserved oligomeric Golgi complex subunit 8 | | |  |  |
| MNSLTLNR | 1 | 2.05 | 7 |  |  |
| FPEAQWR | 2 | 2.18 | 6 |  |  |
| NP\_001116236.1 | protoporphyrinogen oxidase |  |  |  |  |
| NP\_000300.1 | protoporphyrinogen oxidase |  |  |  |  |
| ELSIR | 1 | 1.87 | 4 |  |  |
| FLYVGGALHALPTGLR | 2 | 2.25 | 4 |  |  |
| NP\_001004.2 | 40S ribosomal protein S9 |  |  |  |  |
| KTYVTPR | 2 | 2.34 | 12 |  |  |
| LFEGNALLR | 2 | 3.81 | 12 |  |  |
| NP\_660286.1 | metalloendopeptidase OMA1, mitochondrial precursor | | |  |  |
| ITSKCTVWNDAFSR | 3 | 2.79 | 11 |  |  |
| NHVFFRFNSLSNWR | 2 | 2.10 | 10 |  |  |
| NP\_056465.2 | TRAF3-interacting protein 1 isoform 1 | |  |  |  |
| NP\_001132962.1 | TRAF3-interacting protein 1 isoform 2 | |  |  |  |
| RPPLTEKLLSKPPFR | 2 | 2.25 | 10 |  |  |
| KPREKDKDKEKAKENGGNR | 2 | 2.18 | 9 |  |  |
| NP\_006301.3 | puromycin-sensitive aminopeptidase | |  |  |  |
| TQYSSAMLESLLPGIRDLSLPPVDR | 3 | 2.73 | 5 |  |  |
| LGLQNDLFSLAR | 2 | 4.16 | 4 |  |  |
| NP\_079525.1 | uncharacterized protein KIAA1683 isoform b | |  |  |  |
| NP\_001138777.1 | uncharacterized protein KIAA1683 isoform c | |  |  |  |
| TNKARAPETPLSR | 2 | 2.14 | 2 |  |  |
| FPCPVSLDAKCQPCLLTRTIR | 3 | 2.68 | 3 |  |  |
| NP\_055553.3 | uncharacterized protein KIAA0195 | |  |  |  |
| GIKDDEHIVLEPGDLFPPF SPPPSPRGEVER | 3 | 2.97 | 9 |  |  |
| QEETISIIRLIEQAR | 2 | 3.38 | 8 |  |  |
| NP\_000055.2 | complement C3 precursor |  |  |  |  |
| ASHLGLAR | 1 | 1.78 | 9 |  |  |
| NEQVEIR | 2 | 2.35 | 10 |  |  |
| NP\_001355.2 | disks large homolog 2 isoform 2 |  |  |  |  |
| NP\_001136174.1 | disks large homolog 2 isoform 4 |  |  |  |  |
| NP\_001136171.1 | disks large homolog 2 isoform 1 |  |  |  |  |
| NP\_001136172.1 | disks large homolog 2 isoform 3 |  |  |  |  |
| NP\_001193698.1 | disks large homolog 2 isoform 5 |  |  |  |  |
| DYHFVISR | 1 | 1.63 | 11 |  |  |
| MMNHSMSSGSGSLR | 2 | 2.37 | 10 |  |  |
| NP\_061992.2 | protocadherin beta-9 precursor |  |  |  |  |
| ENNSPALHIGSVSATDR | 2 | 2.26 | 5 |  |  |
| DINDHSPVFR | 1 | 1.81 | 5 |  |  |
| NP\_542418.1 | regulator of nonsense transcripts 3A isoform hUpf3pdelta | | | |  |
| NP\_075387.1 | regulator of nonsense transcripts 3A isoform hUpf3p | | |  |  |
| KERLANKDRPALQLYDPGAR | 2 | 2.13 | 3 |  |  |
| TALSKVVIRR | 2 | 2.92 | 3 |  |  |
| GPSGREKLSALEVQFHR | 2 | 2.40 | 3 |  |  |
| NP\_006079.1 | tubulin beta-4B chain |  |  |  |  |
| NP\_821133.1 | tubulin beta chain |  |  |  |  |
| NP\_006078.2 | tubulin beta-4A chain |  |  |  |  |
| YLTVAAVFR | 2 | 2.83 | 7 |  |  |
| FPGQLNADLR | 2 | 2.84 | 7 |  |  |
| NP\_942094.2 | breast carcinoma-amplified sequence 4 isoform b | | |  |  |
| NP\_001010974.1 | breast carcinoma-amplified sequence 4 isoform c | | |  |  |
| NP\_060313.3 | breast carcinoma-amplified sequence 4 isoform a | | |  |  |
| GGGAPR | 1 | 1.63 | 1 |  |  |
| MQRTGGGAPRPGR | 2 | 2.46 | 2 |  |  |
| NP\_056667.2 | LIM domain only protein 7 isoform 2 | |  |  |  |
| RIPAQKKEVPLSGAPDR | 2 | 2.61 | 12 |  |  |
| LLQEKYQR | 1 | 1.52 | 11 |  |  |
| NP\_001014985.2 | glycolipid transfer protein domain-containing protein 2 precursor | | | |  |
| FHASLKPEGDVGLSPYLAGWR | 3 | 2.87 | 8 |  |  |
| TLLLLHR | 2 | 2.17 | 9 |  |  |
| NP\_055707.3 | protein SCAF8 |  |  |  |  |
| FPPIETR | 2 | 2.27 | 7 |  |  |
| DVVGRPIDPR | 2 | 2.11 | 6 |  |  |
| NP\_001159450.1 | prominin-2 precursor |  |  |  |  |
| NP\_653308.2 | prominin-2 precursor |  |  |  |  |
| NP\_001159449.1 | prominin-2 precursor |  |  |  |  |
| VRAPGLLDSLYGTVR | 2 | 2.29 | 9 |  |  |
| WLAPRVR | 2 | 2.02 | 8 |  |  |
| NP\_002128.1 | heterogeneous nuclear ribonucleoproteins A2/B1 isoform A2 | | | |  |
| NP\_112533.1 | heterogeneous nuclear ribonucleoproteins A2/B1 isoform B1 | | | |  |
| GGGGNFGPGPGSNFR | 2 | 3.83 | 8 |  |  |
| QEMQEVQSSR | 2 | 3.13 | 8 |  |  |
| GGNFGFGDSR | 2 | 3.67 | 8 |  |  |
| NP\_000823.4 | glutamate [NMDA] receptor subunit zeta-1 isoform NR1-1 precursor | | | |  |
| NP\_067544.1 | glutamate [NMDA] receptor subunit zeta-1 isoform NR1-2 precursor | | | |  |
| NP\_015566.1 | glutamate [NMDA] receptor subunit zeta-1 isoform NR1-3 precursor | | | |  |
| NP\_001172019.1 | glutamate [NMDA] receptor subunit zeta-1 isoform NR1-4 precursor | | | |  |
| NP\_001172020.1 | glutamate [NMDA] receptor subunit zeta-1 isoform 5 precursor | | | |  |
| EISGNALR | 2 | 2.04 | 4 |  |  |
| AAAMLNMTGSGYVWLVGER | 2 | 2.59 | 4 |  |  |
| NP\_001087240.1 | thioredoxin reductase 1, cytoplasmic isoform 3 | | |  |  |
| FLIATGERPR | 2 | 3.08 | 6 |  |  |
| MGCAEGKAVAAAAPTEL QTKGKNGDGR | 2 | 2.35 | 7 |  |  |
| NP\_055625.4 | centrosome-associated protein 350 | |  |  |  |
| LQEANKAAR | 1 | 2.27 | 6 |  |  |
| QHLPDFVKQLRTR | 2 | 2.00 | 6 |  |  |
| NP\_001171577.1 | zinc finger protein 185 isoform 1 |  |  |  |  |
| NP\_001171578.1 | zinc finger protein 185 isoform 2 |  |  |  |  |
| NP\_001171579.1 | zinc finger protein 185 isoform 3 |  |  |  |  |
| NP\_001171580.1 | zinc finger protein 185 isoform 5 |  |  |  |  |
| NP\_001171581.1 | zinc finger protein 185 isoform 6 |  |  |  |  |
| NP\_009081.2 | zinc finger protein 185 isoform 4 |  |  |  |  |
| QSSPSGSEQLVRR | 2 | 2.38 | 1 |  |  |
| MSISALGGR | 2 | 2.37 | 1 |  |  |
| NP\_071387.1 | phosphorylated CTD-interacting factor 1 | |  |  |  |
| MANENHGSPR | 2 | 2.05 | 3 |  |  |
| EVELLR | 1 | 2.23 | 4 |  |  |
| NP\_116262.2 | ubiquitin-associated and SH3 domain-containing protein B | | | |  |
| ARAQKALASTGGR | 2 | 2.14 | 11 |  |  |
| ETLLQE | 1 | 2.09 | 10 |  |  |
| NP\_001013860.1 | leucine-rich repeat-containing protein 16C | |  |  |  |
| NEDGQLRPRPLSAGR | 2 | 2.60 | 11 |  |  |
| QVGEVCR | 2 | 2.13 | 12 |  |  |
| NP\_060876.5 | mucin-4 isoform a precursor |  |  |  |  |
| NP\_612154.2 | mucin-4 isoform e precursor |  |  |  |  |
| NP\_004523.3 | mucin-4 isoform d precursor |  |  |  |  |
| GCSGAR | 1 | 2.20 | 9 |  |  |
| KMTNNGGYKAR | 2 | 2.09 | 9 |  |  |
| NP\_005304.3 | protein disulfide-isomerase A3 precursor | |  |  |  |
| LAPEYEAAATR | 2 | 3.60 | 6 |  |  |
| ELSDFISYLQR | 2 | 3.84 | 6 |  |  |
| NP\_056507.2 | C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8 | | | |  |
| APGGGAR | 1 | 1.61 | 4 |  |  |
| YEVAGR | 1 | 1.51 | 3 |  |  |
| NP\_001166095.1 | neogenin isoform 3 precursor |  |  |  |  |
| NP\_001166094.1 | neogenin isoform 2 precursor |  |  |  |  |
| NP\_002490.2 | neogenin isoform 1 precursor |  |  |  |  |
| QPLLLDDR | 2 | 2.09 | 4 |  |  |
| SPLVR | 1 | 1.70 | 5 |  |  |
| NP\_001035088.2 | protein FAM83G |  |  |  |  |
| DSSDIGWVLELPKEEAPQN GTDHRLPR | 3 | 2.72 | 6 |  |  |
| TGGSQWASSDSKRR | 2 | 2.05 | 5 |  |  |
| NP\_057692.1 | armadillo repeat-containing X-linked protein 1 | | |  |  |
| NP\_055527.1 | histone-lysine N-methyltransferase SETD1A | |  |  |  |
| NP\_849158.2 | mitochondrial cardiolipin hydrolase | |  |  |  |
| RAGGR | 1 | 1.61 | 8 |  |  |
| SRAGGR | 1 | 1.54 | 8 |  |  |
| NP\_005289.2 | probable G-protein coupled receptor 25 | |  |  |  |
| ISSASSLSR | 2 | 2.08 | 12 |  |  |
| ARALDGACGR | 1 | 2.01 | 12 |  |  |
| NP\_835455.1 | pancreas transcription factor 1 subunit alpha | | |  |  |
| GGGAGGCGGPGGGGR | 2 | 2.18 | 4 |  |  |
| GLSGAAAAAARR | 2 | 2.02 | 4 |  |  |
| NP\_072045.1 | 40S ribosomal protein S18 |  |  |  |  |
| VLNTNIDGR | 2 | 3.37 | 12 |  |  |
| YAHVVLR | 2 | 2.07 | 12 |  |  |
| AGELTEDEVER | 2 | 4.09 | 12 |  |  |
| NP\_001177893.1 | zinc finger MYM-type protein 2 |  |  |  |  |
| NP\_001177894.1 | zinc finger MYM-type protein 2 |  |  |  |  |
| NP\_932072.1 | zinc finger MYM-type protein 2 |  |  |  |  |
| NP\_003444.1 | zinc finger MYM-type protein 2 |  |  |  |  |
| VEEDYLWR | 2 | 2.05 | 7 |  |  |
| YQVSSLCGTDNEDKITTGKR | 2 | 2.08 | 7 |  |  |
| NP\_033611.1 | type-1 angiotensin II receptor |  |  |  |  |
| NP\_004826.2 | type-1 angiotensin II receptor |  |  |  |  |
| NP\_114038.1 | type-1 angiotensin II receptor |  |  |  |  |
| NP\_114438.1 | type-1 angiotensin II receptor |  |  |  |  |
| NP\_000676.1 | type-1 angiotensin II receptor |  |  |  |  |
| YLAIVHPMKSRLR | 2 | 2.25 | 8 |  |  |
| IQDDCPKAGR | 2 | 2.20 | 8 |  |  |
| NP\_079524.2 | SRC kinase signaling inhibitor 1 |  |  |  |  |
| GSDELTVPR | 1 | 1.61 | 10 |  |  |
| TLGGGGGGGSGGR | 1 | 1.89 | 10 |  |  |
| NP\_000219.2 | laminin subunit beta-3 precursor | |  |  |  |
| NP\_001017402.1 | laminin subunit beta-3 precursor | |  |  |  |
| NP\_001121113.1 | laminin subunit beta-3 precursor | |  |  |  |
| MEELRHQAR | 1 | 1.84 | 5 |  |  |
| SFNGLLTMYQR | 2 | 2.00 | 5 |  |  |
| NP\_000594.2 | nitric oxide synthase, endothelial isoform 1 | |  |  |  |
| DIFSPKR | 1 | 1.56 | 4 |  |  |
| GFWQER | 2 | 2.06 | 4 |  |  |
| NP\_001395.1 | elongation factor 1-gamma |  |  |  |  |
| TFLVGER | 2 | 2.69 | 7 |  |  |
| KLDPGSEETQTLVR | 2 | 4.37 | 7 |  |  |
| NP\_689600.2 | BTB/POZ domain-containing protein KCTD18 | |  |  |  |
| KAAQRSAPSR | 1 | 1.91 | 6 |  |  |
| LNVGGCIYTAR | 2 | 2.09 | 6 |  |  |
| NP\_004915.2 | alpha-actinin-4 |  |  |  |  |
| NP\_001123476.1 | alpha-actinin-1 isoform a |  |  |  |  |
| NP\_001123477.1 | alpha-actinin-1 isoform c |  |  |  |  |
| NP\_001093.1 | alpha-actinin-1 isoform b |  |  |  |  |
| ELPPDQAEYCIAR | 2 | 3.29 | 4 |  |  |
| VGWEQLLTTIAR | 2 | 4.84 | 4 |  |  |
| ASFNHFDR | 2 | 2.22 | 4 |  |  |
| TINEVENQILTR | 2 | 4.64 | 4 |  |  |
| NP\_003346.2 | mitochondrial uncoupling protein 2 | |  |  |  |
| AGGGRR | 1 | 1.58 | 11 |  |  |
| FQAQARAGGGR | 2 | 2.18 | 11 |  |  |
| NP\_001017992.1 | beta-actin-like protein 2 |  |  |  |  |
| NP\_001186822.1 | actin, gamma-enteric smooth muscle isoform 2 precursor | | |  |  |
| NP\_001186883.1 | actin, cytoplasmic 2 |  |  |  |  |
| NP\_001091.1 | actin, alpha skeletal muscle |  |  |  |  |
| NP\_001604.1 | actin, aortic smooth muscle |  |  |  |  |
| NP\_001092.1 | actin, cytoplasmic 1 |  |  |  |  |
| NP\_001605.1 | actin, cytoplasmic 2 |  |  |  |  |
| NP\_001606.1 | actin, gamma-enteric smooth muscle isoform 1 precursor | | |  |  |
| NP\_001135417.1 | actin, aortic smooth muscle |  |  |  |  |
| NP\_005150.1 | actin, alpha cardiac muscle 1 proprotein | |  |  |  |
| SYELPDGQVITIGNER | 2 | 4.88 | 10 |  |  |
| DLTDYLMKILTER | 2 | 2.12 | 10 |  |  |
| NP\_079109.2 | zinc finger protein 671 |  |  |  |  |
| MLSPVSR | 1 | 1.68 | 2 |  |  |
| KQTLVLHQRVHAGEKL | 2 | 2.01 | 1 |  |  |
| NP\_005306.1 | homeobox protein goosecoid-2 |  |  |  |  |
| VEVWFKNR | 2 | 2.48 | 3 |  |  |
| MAAAAGGAASR | 2 | 2.47 | 3 |  |  |
| NP\_001171689.1 | clathrin light chain A isoform d |  |  |  |  |
| NP\_001171690.1 | clathrin light chain A isoform e |  |  |  |  |
| NP\_001070145.1 | clathrin light chain A isoform c |  |  |  |  |
| NP\_001824.1 | clathrin light chain A isoform a |  |  |  |  |
| NP\_009027.1 | clathrin light chain A isoform b |  |  |  |  |
| LEALDANSR | 2 | 3.70 | 9 |  |  |
| LQSEPESIR | 2 | 2.76 | 9 |  |  |
| AAEEAFVNDIDESSPGTEWER | 2 | 5.24 | 9 |  |  |
| NP\_001153602.1 | potassium voltage-gated channel subfamily KQT member 5 isoform 2 | | | |  |
| NP\_001153604.1 | potassium voltage-gated channel subfamily KQT member 5 isoform 3 | | | |  |
| NP\_062816.2 | potassium voltage-gated channel subfamily KQT member 5 isoform 1 | | | |  |
| NP\_001153605.1 | potassium voltage-gated channel subfamily KQT member 5 isoform 4 | | | |  |
| NP\_001153606.1 | potassium voltage-gated channel subfamily KQT member 5 isoform 5 | | | |  |
| EAAFASDSLR | 2 | 2.13 | 4 |  |  |
| AATLGGGGGGLRESR | 2 | 2.24 | 5 |  |  |
| NP\_001001937.1 | ATP synthase subunit alpha, mitochondrial precursor | | |  |  |
| NP\_004037.1 | ATP synthase subunit alpha, mitochondrial precursor | | |  |  |
| VGSAAQTR | 1 | 1.81 | 10 |  |  |
| RAGLVSR | 1 | 1.88 | 11 |  |  |
| NP\_001615.1 | absent in melanoma 1 protein |  |  |  |  |
| ELGRAAGAPGASDADGLKPR | 2 | 2.21 | 3 |  |  |
| FIDVEFSEPTIILFER | 2 | 2.02 | 3 |  |  |
| NP\_000581.1 | interleukin-9 precursor |  |  |  |  |
| YPLIFSR | 1 | 1.94 | 5 |  |  |
| LSQMTNTTMQTR | 2 | 2.26 | 4 |  |  |
| NP\_001407.1 | eukaryotic initiation factor 4A-I isoform 1 | |  |  |  |
| NP\_001958.2 | eukaryotic initiation factor 4A-II |  |  |  |  |
| NP\_001191439.1 | eukaryotic initiation factor 4A-I isoform 2 | |  |  |  |
| GIYAYGFEKPSAIQQR | 2 | 5.21 | 7 |  |  |
| QFYINVER | 2 | 2.11 | 7 |  |  |
| VLITTDLLAR | 2 | 4.16 | 7 |  |  |
| GIDVQQVSLVINYDLPTNR | 2 | 5.88 | 7 |  |  |
| NP\_061859.3 | SH3 domain and tetratricopeptide repeats-containing protein 1 | | | |  |
| GSLAGSLR | 1 | 1.89 | 8 |  |  |
| ALPLAVTTGNR | 2 | 2.31 | 8 |  |  |
| NP\_057688.2 | lysine-specific demethylase 3B |  |  |  |  |
| MADAAASPVGKR | 2 | 2.10 | 9 |  |  |
| DGRLNLASR | 2 | 2.43 | 9 |  |  |
| NP\_001694.2 | brain-specific angiogenesis inhibitor 2 precursor | | |  |  |
| MLAGEGMSQVVRSLQELLAR | 2 | 2.50 | 6 |  |  |
| YLYLSLR | 2 | 2.17 | 5 |  |  |
| NP\_001447.2 | filamin-A isoform 1 |  |  |  |  |
| NP\_001104026.1 | filamin-A isoform 2 |  |  |  |  |
| EATTEFSVDAR | 2 | 3.54 | 1 |  |  |
| AEAGVPAEFSIWTR | 2 | 4.33 | 1 |  |  |
| IANLQTDLSDGLR | 2 | 4.75 | 1 |  |  |
| VANPSGNLTETYVQDR | 2 | 5.87 | 1 |  |  |
| NP\_056986.2 | E3 ubiquitin-protein ligase UBR5 | |  |  |  |
| EEASLR | 1 | 1.53 | 11 |  |  |
| MTAREEASLR | 2 | 2.52 | 11 |  |  |
| NP\_002789.1 | proteasome subunit beta type-6 |  |  |  |  |
| DGSSGGVIR | 2 | 2.67 | 11 |  |  |
| LAAIAESGVER | 2 | 4.38 | 11 |  |  |
| TTTGSYIANR | 2 | 3.43 | 11 |  |  |
| NP\_001017963.2 | heat shock protein HSP 90-alpha isoform 1 | |  |  |  |
| NP\_031381.2 | heat shock protein HSP 90-beta |  |  |  |  |
| NP\_005339.3 | heat shock protein HSP 90-alpha isoform 2 | |  |  |  |
| GTKVILHLKEDQTEYLEER | 2 | 2.09 | 6 |  |  |
| GVVDSEDLPLNISR | 2 | 4.22 | 5 |  |  |
| NP\_689805.3 | nesprin-3 |  |  |  |  |
| TRKSKLQELEAR | 2 | 2.24 | 10 |  |  |
| SLEDLVDRCR | 2 | 2.38 | 9 |  |  |
| NP\_001279.2 | chloride intracellular channel protein 1 | |  |  |  |
| GFTIPEAFR | 2 | 2.66 | 10 |  |  |
| YLSNAYAR | 2 | 2.39 | 9 |  |  |
| NP\_000341.2 | retinal-specific ATP-binding cassette transporter | | |  |  |
| ENVNPRHPCLGPR | 2 | 2.33 | 8 |  |  |
| FIIFSQR | 1 | 1.76 | 9 |  |  |
| NP\_066022.2 | spectrin beta chain, brain 3 isoform sigma1 | |  |  |  |
| YEELAAELLAWIHR | 2 | 2.08 | 12 |  |  |
| FSSLRR | 1 | 1.59 | 12 |  |  |
| NP\_068767.3 | brevican core protein isoform 1 precursor | |  |  |  |
| YEVDTVLR | 2 | 2.40 | 10 |  |  |
| EAEVLVAR | 2 | 2.04 | 11 |  |  |
| NP\_001419.1 | alpha-enolase isoform 1 |  |  |  |  |
| AAVPSGASTGIYEALELR | 2 | 5.66 | 7 |  |  |
| EIFDSR | 1 | 1.58 | 7 |  |  |
| NP\_001135745.1 | CLIP-associating protein 1 isoform 2 | |  |  |  |
| NP\_001135746.1 | CLIP-associating protein 1 isoform 3 | |  |  |  |
| NP\_001193980.1 | CLIP-associating protein 1 isoform 4 | |  |  |  |
| NP\_056097.1 | CLIP-associating protein 1 isoform 1 | |  |  |  |
| KGALLELLKITR | 2 | 2.48 | 11 |  |  |
| ASTVSTKSVSTTGSLQRSR | 2 | 2.52 | 11 |  |  |
| NP\_000964.1 | 60S ribosomal protein L8 |  |  |  |  |
| NP\_150644.1 | 60S ribosomal protein L8 |  |  |  |  |
| AVVGVVAGGGR | 2 | 4.10 | 9 |  |  |
| AVDFAER | 2 | 2.53 | 9 |  |  |
| NP\_056003.1 | TBC1 domain family member 12 |  |  |  |  |
| DCRDLEEAR | 2 | 2.11 | 10 |  |  |
| DLEEAR | 1 | 2.26 | 11 |  |  |
| NP\_000217.2 | keratin, type I cytoskeletal 9 |  |  |  |  |
| FSSSSGYGGGSSR | 2 | 4.40 | 11 |  |  |
| SGGGGGGGLGSGGSIR | 2 | 5.23 | 11 |  |  |
| NP\_000532.2 | S-arrestin |  |  |  |  |
| YGQEDIDVIGLTFRR | 2 | 2.20 | 6 |  |  |
| DKSVTIYLGNR | 2 | 2.23 | 5 |  |  |
| NP\_006715.2 | mitogen-activated protein kinase kinase kinase 4 isoform b | | | |  |
| NP\_005913.2 | mitogen-activated protein kinase kinase kinase 4 isoform a | | | |  |
| SVIEISR | 2 | 2.14 | 11 |  |  |
| RSWELR | 1 | 1.67 | 12 |  |  |
| NP\_002286.2 | 40S ribosomal protein SA |  |  |  |  |
| NP\_001012321.1 | 40S ribosomal protein SA |  |  |  |  |
| AIVAIENPADVSVISSR | 2 | 5.99 | 8 |  |  |
| LLVVTDPR | 2 | 3.38 | 8 |  |  |
| NP\_005466.1 | SH2B adapter protein 3 |  |  |  |  |
| EPPPEALKEAVLR | 2 | 2.01 | 5 |  |  |
| VLELFDPPKSSRPKLQAACS SIQEVRWCTR | 3 | 2.61 | 4 |  |  |
| NP\_071386.3 | zinc finger protein 667 |  |  |  |  |
| LSTLILHLR | 2 | 2.08 | 10 |  |  |
| NLVSLGLSFR | 1 | 2.05 | 9 |  |  |
| NP\_001138303.1 | prohibitin-2 isoform 1 |  |  |  |  |
| NP\_009204.1 | prohibitin-2 isoform 2 |  |  |  |  |
| AQVSLLIR | 2 | 3.11 | 9 |  |  |
| LGLDYEER | 2 | 3.30 | 9 |  |  |
| ESVFTVEGGHR | 2 | 3.50 | 9 |  |  |
| NP\_062556.2 | RNA binding motif protein, X-linked-like-1 | |  |  |  |
| NP\_001156008.1 | RNA binding motif protein, X-linked-like-1 | |  |  |  |
| NP\_002130.2 | RNA-binding motif protein, X chromosome isoform 1 | | |  |  |
| SDLYSSGR | 2 | 2.59 | 7 |  |  |
| GAPRGGGR | 1 | 1.52 | 7 |  |  |
| REPLPSR | 2 | 2.55 | 7 |  |  |
| GPPPSYGGSSR | 2 | 2.85 | 7 |  |  |
| NP\_001124197.1 | proteasome subunit beta type-5 isoform 2 | |  |  |  |
| NP\_002788.1 | proteasome subunit beta type-5 isoform 1 | |  |  |  |
| DAYSGGAVNLYHVR | 2 | 4.63 | 11 |  |  |
| GYSYDLEVEQAYDLAR | 2 | 4.02 | 12 |  |  |
| NP\_001143.2 | ADP/ATP translocase 2 |  |  |  |  |
| NP\_001627.2 | ADP/ATP translocase 3 |  |  |  |  |
| NP\_001142.2 | ADP/ATP translocase 1 |  |  |  |  |
| YFAGNLASGGAAGATS LCFVYPLDFAR | 2 | 2.31 | 10 |  |  |
| GNLANVIR | 2 | 2.47 | 10 |  |  |
| NP\_919262.2 | serine/arginine repetitive matrix protein 4 | |  |  |  |
| DEKRHKKQSR | 1 | 1.52 | 4 |  |  |
| GTFKAVATPRPESIIVASITAR | 2 | 2.35 | 4 |  |  |
| NP\_003742.2 | eukaryotic translation initiation factor 3 subunit B | | |  |  |
| NP\_001032360.1 | eukaryotic translation initiation factor 3 subunit B | | |  |  |
| AQAVSEDAGGNEGR | 2 | 5.64 | 3 |  |  |
| DQYSVIFESGDR | 2 | 3.68 | 3 |  |  |
| NP\_001008.1 | 40S ribosomal protein S13 |  |  |  |  |
| LILIESR | 2 | 2.18 | 12 |  |  |
| DSHGVAQVR | 2 | 2.78 | 12 |  |  |
| NP\_001976.1 | electron transfer flavoprotein subunit beta isoform 1 | | |  |  |
| NP\_001014763.1 | electron transfer flavoprotein subunit beta isoform 2 | | |  |  |
| EIDGGLETLR | 2 | 3.51 | 10 |  |  |
| LGPLQVAR | 2 | 2.89 | 10 |  |  |
| NP\_075392.2 | ankyrin repeat domain-containing protein 57 | | |  |  |
| AHFKELVNAVATVR | 2 | 2.28 | 6 |  |  |
| FLAERGGR | 2 | 2.04 | 7 |  |  |
| NP\_001175.2 | serine/threonine-protein kinase ATR | |  |  |  |
| AKEPILALR | 2 | 2.41 | 8 |  |  |
| EMALNTLSEIANVFDFPDLNR | 2 | 2.09 | 8 |  |  |
| NP\_001012302.2 | anoctamin-9 |  |  |  |  |
| LDAIKMVWLQR | 2 | 2.02 | 6 |  |  |
| FFTLQFFTHFSSLIYIAFILGRI NGHPGKSTR | 3 | 2.76 | 7 |  |  |
| NP\_001155855.1 | rho guanine nucleotide exchange factor 2 isoform 1 | | |  |  |
| NP\_001155856.1 | rho guanine nucleotide exchange factor 2 isoform 2 | | |  |  |
| MSRIESLTR | 2 | 2.15 | 10 |  |  |
| IESLTRAR | 2 | 2.21 | 10 |  |  |
| NP\_612202.1 | NACHT, LRR and PYD domains-containing protein 6 | | |  |  |
| FLFGLLSAER | 1 | 1.96 | 1 |  |  |
| TAAGGVGTLLR | 2 | 2.42 | 2 |  |  |
| NP\_055392.1 | bromodomain-containing protein 1 | |  |  |  |
| KTAYCDVHTPPGCTR | 2 | 2.27 | 8 |  |  |
| LTPLTVLLR | 2 | 2.13 | 8 |  |  |
| NP\_079388.3 | zinc finger protein ZXDC isoform 1 | |  |  |  |
| NP\_001035743.1 | zinc finger protein ZXDC isoform 2 | |  |  |  |
| YKLKR | 1 | 1.64 | 8 |  |  |
| CPVSTCNR | 2 | 2.20 | 8 |  |  |
| NP\_079411.2 | FH1/FH2 domain-containing protein 3 | |  |  |  |
| IIILKIVHRR | 2 | 3.06 | 9 |  |  |
| ISTLQANSQTQDESVR | 2 | 2.68 | 8 |  |  |
| NP\_004230.2 | thyroid receptor-interacting protein 11 | |  |  |  |
| TDVNPFLAPR | 2 | 2.12 | 1 |  |  |
| ETIQNLSR | 1 | 1.65 | 1 |  |  |
| NP\_000393.4 | glucose-6-phosphate 1-dehydrogenase isoform a | | |  |  |
| NP\_001035810.1 | glucose-6-phosphate 1-dehydrogenase isoform b | | |  |  |
| EDQIYR | 2 | 2.14 | 6 |  |  |
| LSNHISSLFR | 2 | 3.73 | 6 |  |  |
| DGLLPENTFIVGYAR | 2 | 4.41 | 7 |  |  |
| IFGPIWNR | 2 | 3.01 | 6 |  |  |
| GGYFDEFGIIR | 2 | 4.16 | 6 |  |  |
| NP\_003323.1 | TYRO protein tyrosine kinase-binding protein isoform 1 precursor | | | |  |
| NP\_001166985.1 | TYRO protein tyrosine kinase-binding protein isoform 3 precursor | | | |  |
| GRGAAEAATR | 2 | 2.44 | 3 |  |  |
| GAAEAATR | 1 | 1.51 | 2 |  |  |
| NP\_005057.1 | splicing factor, proline- and glutamine-rich | |  |  |  |
| FATHAAALSVR | 2 | 3.44 | 4 |  |  |
| FGQGGAGPVGGQGPR | 2 | 4.68 | 4 |  |  |
| FAQHGTFEYEYSQR | 3 | 3.82 | 4 |  |  |
| AVVIVDDR | 2 | 2.69 | 4 |  |  |
| NP\_115735.2 | uncharacterized protein C3orf26 isoform 1 | |  |  |  |
| NP\_001161396.1 | uncharacterized protein C3orf26 isoform 2 | |  |  |  |
| KENTTKTRKR | 2 | 2.14 | 12 |  |  |
| KNHSEKKSVLMLIICSSAVR | 2 | 2.14 | 12 |  |  |
| NP\_066576.1 | myotubularin-related protein 3 isoform c | |  |  |  |
| NP\_694690.1 | myotubularin-related protein 3 isoform a | |  |  |  |
| NP\_694691.1 | myotubularin-related protein 3 isoform b | |  |  |  |
| SCLVNSGKDR | 2 | 2.05 | 5 |  |  |
| FKNEVER | 2 | 2.33 | 5 |  |  |
| NP\_001092879.1 | EH domain-binding protein 1-like protein 1 | |  |  |  |
| ETQAQACPQEGTEAHGAR | 2 | 2.36 | 6 |  |  |
| EAPPR | 1 | 1.65 | 5 |  |  |
| NP\_001677.2 | ATP synthase subunit beta, mitochondrial precursor | | |  |  |
| VALTGLTVAEYFR | 2 | 5.53 | 6 |  |  |
| FTQAGSEVSALLGR | 2 | 5.39 | 6 |  |  |
| DQEGQDVLLFIDNIFR | 2 | 6.17 | 6 |  |  |
| AIAELGIYPAVDPLDSTSR | 2 | 5.01 | 6 |  |  |
| NP\_003325.2 | ubiquitin-like modifier-activating enzyme 1 | |  |  |  |
| NP\_695012.1 | ubiquitin-like modifier-activating enzyme 1 | |  |  |  |
| QMNPHIR | 2 | 2.14 | 3 |  |  |
| LAGTQPLEVLEAVQR | 2 | 3.72 | 2 |  |  |
| NP\_003837.1 | peroxisomal membrane protein 11B isoform 1 | | |  |  |
| NP\_001171724.1 | peroxisomal membrane protein 11B isoform 2 | | |  |  |
| LQVLLLAR | 2 | 2.00 | 5 |  |  |
| YYLFSLIMNLSR | 2 | 2.50 | 5 |  |  |
| NP\_003728.1 | protocadherin-16 precursor |  |  |  |  |
| IDAHSGDVCTTRTLDR | 2 | 2.09 | 11 |  |  |
| TEIAR | 1 | 1.75 | 11 |  |  |
| NP\_036205.1 | T-complex protein 1 subunit epsilon | |  |  |  |
| IADGYEQAAR | 2 | 3.88 | 6 |  |  |
| WVGGPEIELIAIATGGR | 2 | 4.93 | 6 |  |  |
| NP\_057302.1 | DNA polymerase kappa |  |  |  |  |
| SMSVER | 1 | 2.02 | 4 |  |  |
| FAMELEQSR | 1 | 2.31 | 3 |  |  |
| NP\_004697.2 | rho guanine nucleotide exchange factor 1 isoform 2 | | |  |  |
| NP\_945328.1 | rho guanine nucleotide exchange factor 1 isoform 3 | | |  |  |
| NP\_945353.1 | rho guanine nucleotide exchange factor 1 isoform 1 | | |  |  |
| LLLKSHSR | 2 | 2.18 | 12 |  |  |
| KGGVGMPSR | 2 | 2.02 | 11 |  |  |
| NP\_004583.2 | splicing factor, suppressor of white-apricot homolog | | |  |  |
| LAAAAR | 1 | 1.72 | 9 |  |  |
| KSGAKEEAGPGGAGGGGSR | 2 | 2.08 | 8 |  |  |
| NP\_001295.2 | carboxypeptidase D isoform 1 precursor | |  |  |  |
| EVVGR | 1 | 1.57 | 8 |  |  |
| EAAAAGLPGLAR | 2 | 2.08 | 7 |  |  |
| NP\_055665.1 | SLIT-ROBO Rho GTPase-activating protein 3 isoform a | | |  |  |
| AECGTTRPPCLPPKPQKMR | 2 | 2.49 | 3 |  |  |
| FSSKIRSSR | 2 | 2.45 | 4 |  |  |
| NP\_003350.1 | UDP-glucose 6-dehydrogenase isoform 1 | |  |  |  |
| NP\_001171629.1 | UDP-glucose 6-dehydrogenase isoform 2 | |  |  |  |
| VLIGGDETPEGQR | 2 | 4.23 | 6 |  |  |
| VTVVDVNESR | 2 | 4.13 | 6 |  |  |
| NP\_004229.1 | probable E3 ubiquitin-protein ligase TRIP12 | |  |  |  |
| DAVSR | 1 | 1.53 | 11 |  |  |
| EGQQSFHLS | 1 | 1.88 | 11 |  |  |
| NP\_065996.1 | WD repeat- and FYVE domain-containing protein 4 | | |  |  |
| LIAKEMNISSR | 1 | 1.77 | 7 |  |  |
| QVMCEAGLLGTLMASCHR | 2 | 3.70 | 7 |  |  |
| NP\_060250.2 | chromodomain-helicase-DNA-binding protein 7 | | |  |  |
| NLMEMVAQLR | 2 | 2.87 | 9 |  |  |
| IPVINLEDGTR | 2 | 2.26 | 9 |  |  |
| NP\_002625.1 | prohibitin |  |  |  |  |
| IFTSIGEDYDER | 2 | 4.51 | 10 |  |  |
| FDAGELITQRELVSR | 2 | 2.58 | 11 |  |  |
| NVPVITGSKDLQNVNITLR | 3 | 2.99 | 10 |  |  |
| FDAGELITQR | 2 | 4.24 | 10 |  |  |
| NP\_056355.2 | RNA polymerase II-associated protein 1 | |  |  |  |
| LYHRASDTPSGLSPTDTMGTAMR | 2 | 2.33 | 7 |  |  |
| HDQHITAVLTKIIER | 2 | 2.23 | 7 |  |  |
| NP\_001360.1 | dynein heavy chain 5, axonemal |  |  |  |  |
| LTSTQGSLVEDESLIVVLSNTKR | 2 | 2.55 | 12 |  |  |
| VILTEKQELEKER | 2 | 2.52 | 11 |  |  |
| NP\_071342.2 | C-X-C motif chemokine 16 precursor | |  |  |  |
| NP\_001094282.1 | C-X-C motif chemokine 16 precursor | |  |  |  |
| MSGSQSEVAPSPQSPR | 2 | 2.10 | 7 |  |  |
| SPEMGRDLRPGSR | 2 | 2.27 | 6 |  |  |
| NP\_060482.2 | kinesin-like protein KIF26B |  |  |  |  |
| SPASPR | 1 | 1.54 | 9 |  |  |
| AVSGRISELLQGGAGAR | 2 | 2.82 | 9 |  |  |
| NP\_705618.1 | nuclear pore complex protein Nup155 isoform 1 | | |  |  |
| NP\_004289.1 | nuclear pore complex protein Nup155 isoform 2 | | |  |  |
| YYEKNRSFSNAAR | 2 | 2.12 | 5 |  |  |
| QPLARPNTLTLVHVR | 2 | 2.08 | 6 |  |  |
| NP\_064533.3 | protein spire homolog 1 isoform b | |  |  |  |
| NP\_001122098.1 | protein spire homolog 1 isoform a | |  |  |  |
| QFLPPSRQSSR | 2 | 2.85 | 12 |  |  |
| EPGAAGGAAGGSRDALSLEEILR | 2 | 2.26 | 12 |  |  |
| NP\_065825.1 | E3 ubiquitin-protein ligase MIB1 |  |  |  |  |
| WTFNPAVLTKANIVR | 2 | 2.48 | 2 |  |  |
| CSGAYDLR | 2 | 2.20 | 2 |  |  |
| NP\_689506.2 | transcriptional adapter 2-beta |  |  |  |  |
| EEQLLLDAIEQFGFGNWE DMAAHVGASR | 3 | 3.23 | 1 |  |  |
| LSPAR | 1 | 1.82 | 1 |  |  |
| NP\_523240.1 | cyclin-dependent kinase 4 inhibitor C | |  |  |  |
| NP\_001253.1 | cyclin-dependent kinase 4 inhibitor C | |  |  |  |
| NEVVSLMQANGAGGATNLQ | 2 | 2.57 | 11 |  |  |
| TALQVMKLGNPEIAR | 2 | 2.41 | 11 |  |  |
| NP\_001073879.2 | F-box only protein 41 |  |  |  |  |
| LERLSEEVEQKIAGQVGR | 2 | 2.37 | 10 |  |  |
| ALEKLEVDR | 2 | 2.10 | 11 |  |  |
| NP\_003364.1 | vinculin isoform VCL |  |  |  |  |
| NP\_054706.1 | vinculin isoform meta-VCL |  |  |  |  |
| EEVFDER | 2 | 2.25 | 3 |  |  |
| DPSASPGDAGEQAIR | 2 | 4.42 | 3 |  |  |
| ELTPQVVSAAR | 2 | 3.54 | 3 |  |  |
| MALLMAEMSR | 2 | 2.39 | 4 |  |  |
| GLVAEGHR | 2 | 2.45 | 3 |  |  |
| TDAGFTLR | 2 | 2.60 | 3 |  |  |
| NP\_066363.1 | NFX1-type zinc finger-containing protein 1 | |  |  |  |
| LLREDFVRPLR | 2 | 2.04 | 6 |  |  |
| YLLMGGR | 1 | 1.69 | 7 |  |  |
| NP\_001008800.1 | T-complex protein 1 subunit gamma isoform c | | |  |  |
| NP\_005989.3 | T-complex protein 1 subunit gamma isoform a | | |  |  |
| IARACGAR | 1 | 1.57 | 12 |  |  |
| ACGARIVSRPEELR | 2 | 2.12 | 12 |  |  |
| NP\_065744.2 | Down syndrome cell adhesion molecule-like protein 1 | | |  |  |
| YEELAR | 1 | 2.38 | 7 |  |  |
| NTELVLPDEAISIR | 2 | 3.52 | 8 |  |  |
| NP\_001122390.1 | MAP/microtubule affinity-regulating kinase 3 isoform a | | |  |  |
| NP\_001122391.1 | MAP/microtubule affinity-regulating kinase 3 isoform b | | |  |  |
| NP\_001122392.1 | MAP/microtubule affinity-regulating kinase 3 isoform d | | |  |  |
| NP\_001122393.1 | MAP/microtubule affinity-regulating kinase 3 isoform e | | |  |  |
| NP\_002367.4 | MAP/microtubule affinity-regulating kinase 3 isoform c | | |  |  |
| FLVLNPIKR | 2 | 2.33 | 2 |  |  |
| FPRGTASR | 1 | 1.63 | 1 |  |  |
| NP\_055756.1 | MORC family CW-type zinc finger protein 2 | |  |  |  |
| TPESTQIGQYGNGLKSGSMR | 2 | 2.29 | 11 |  |  |
| QVQNRAITLR | 2 | 2.19 | 10 |  |  |
| NP\_863654.1 | cytosolic acyl coenzyme A thioester hydrolase isoform hBACHb | | | |  |
| FEEGKGR | 1 | 1.81 | 6 |  |  |
| LVAGQGCVGPRR | 2 | 2.12 | 5 |  |  |
| NP\_002273.3 | keratin, type II cuticular Hb3 |  |  |  |  |
| NP\_002272.2 | keratin, type II cuticular Hb1 |  |  |  |  |
| NP\_002275.1 | keratin, type II cuticular Hb6 |  |  |  |  |
| RLLEGEEQR | 2 | 2.89 | 10 |  |  |
| LLEGEEQR | 2 | 3.49 | 11 |  |  |
| LCEGIGAVNVCVSSSR | 2 | 3.19 | 11 |  |  |
| TKEEINELNR | 2 | 3.97 | 11 |  |  |
| NP\_695006.1 | bestrophin-4 |  |  |  |  |
| FGGFSGLLLR | 2 | 2.05 | 11 |  |  |
| YANLASVLVLR | 2 | 2.19 | 11 |  |  |
| NP\_003008.1 | serine/arginine-rich splicing factor 3 | |  |  |  |
| AFGYYGPLR | 2 | 3.29 | 11 |  |  |
| NPPGFAFVEFEDPR | 2 | 4.60 | 11 |  |  |
| NP\_001230199.1 | contactin-5 isoform 1 precursor |  |  |  |  |
| NP\_001230200.1 | contactin-5 isoform 3 precursor |  |  |  |  |
| NP\_780775.1 | contactin-5 isoform 2 precursor |  |  |  |  |
| NP\_055176.1 | contactin-5 isoform 1 precursor |  |  |  |  |
| NGTEIDLESDYR | 2 | 2.85 | 8 |  |  |
| MIRTNEAVPKTAPTNVSGR | 3 | 2.88 | 7 |  |  |
| NP\_065073.3 | brefeldin A-inhibited guanine nucleotide-exchange protein 3 | | | |  |
| EWLGRVGR | 1 | 1.52 | 6 |  |  |
| SLSTAPVVQPLSIQDLVR | 2 | 2.00 | 5 |  |  |
| NP\_001034200.1 | tripartite motif-containing protein 71 | |  |  |  |
| ALDILLAR | 2 | 2.21 | 6 |  |  |
| SAPGGPAASPSALLLR | 2 | 2.22 | 7 |  |  |
| NP\_057417.3 | serine/arginine repetitive matrix protein 2 | |  |  |  |
| SPSPASGRR | 2 | 2.15 | 11 |  |  |
| TPTAPAVNLAGAR | 2 | 2.39 | 10 |  |  |
| NP\_115997.5 | unconventional myosin-XVIIIb |  |  |  |  |
| FELEIER | 1 | 1.65 | 10 |  |  |
| FKGDVACQVLESER | 2 | 3.02 | 9 |  |  |
| NP\_004184.1 | Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1  isoform 1 | | | | |
| NP\_001186307.1 | Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1  isoform 2 | | | | |
| NP\_001186308.1 | Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1  isoform 3 | | | | |
| GESTVLSFVSWLTLSGPEQSSVR | 3 | 3.35 | 3 |  |  |
| RLSELLR | 2 | 2.62 | 4 |  |  |
| NP\_008823.1 | DNA (cytosine-5)-methyltransferase 3B isoform 1 | | |  |  |
| NP\_787044.1 | DNA (cytosine-5)-methyltransferase 3B isoform 2 | | |  |  |
| NP\_787045.1 | DNA (cytosine-5)-methyltransferase 3B isoform 3 | | |  |  |
| NP\_787046.1 | DNA (cytosine-5)-methyltransferase 3B isoform 6 | | |  |  |
| NHVDESPVEFPATR | 2 | 2.27 | 2 |  |  |
| KGLYEGTGR | 2 | 2.21 | 2 |  |  |
| NP\_057322.2 | anaphase-promoting complex subunit 7 isoform a | | |  |  |
| NP\_001131136.1 | anaphase-promoting complex subunit 7 isoform b | | |  |  |
| ILYRLFESVLPPLPAALQSR | 2 | 2.56 | 3 |  |  |
| EQKYEDGIALLR | 2 | 2.67 | 2 |  |  |
| NP\_976048.1 | zinc finger CCHC domain-containing protein 13 | | |  |  |
| QIPTSSQGMSQ | 1 | 2.58 | 5 |  |  |
| GGAGGRR | 1 | 1.58 | 6 |  |  |
| NP\_001073930.1 | homeobox protein unc-4 homolog | |  |  |  |
| LDLVESR | 1 | 1.89 | 8 |  |  |
| EALALR | 1 | 1.55 | 8 |  |  |
| NP\_001177396.1 | putative uncharacterized protein FLJ22184 | |  |  |  |
| VLGAAGAVGR | 1 | 1.95 | 8 |  |  |
| SALSAGARR | 1 | 1.66 | 7 |  |  |
| NP\_002145.3 | heat shock 70 kDa protein 4 |  |  |  |  |
| AGGIETIANEYSDR | 2 | 4.62 | 4 |  |  |
| EFSITDVVPYPISLR | 2 | 4.35 | 4 |  |  |
| NP\_056134.2 | tensin-like C1 domain-containing phosphatase isoform 1 | | |  |  |
| NP\_736610.2 | tensin-like C1 domain-containing phosphatase isoform 2 | | |  |  |
| NP\_938072.1 | tensin-like C1 domain-containing phosphatase isoform 3 | | |  |  |
| RYISYFSGLLSGSIR | 2 | 2.51 | 9 |  |  |
| SPVPTTLPGLR | 2 | 2.16 | 10 |  |  |
| NP\_002215.2 | inositol 1,4,5-trisphosphate receptor type 3 | |  |  |  |
| EPVDPTTKGRVASFSIPGSSSR | 3 | 2.60 | 10 |  |  |
| QRLGFVDVQNCISR | 2 | 2.65 | 9 |  |  |
| NP\_005773.3 | THO complex subunit 4 |  |  |  |  |
| SLGTADVHFER | 2 | 2.25 | 9 |  |  |
| GAGGFGGGGGTR | 1 | 1.65 | 8 |  |  |
| NP\_443196.2 | cytokine-dependent hematopoietic cell linker | | |  |  |
| MPSQISLR | 2 | 2.57 | 10 |  |  |
| MNKPLLDWER | 2 | 2.24 | 9 |  |  |
| LERVDKPISKDVR | 2 | 2.23 | 9 |  |  |
| NP\_065178.1 | actin-related protein 3B isoform 1 | |  |  |  |
| NP\_005712.1 | actin-related protein 3 |  |  |  |  |
| LSEELSGGR | 2 | 3.25 | 7 |  |  |
| DITYFIQQLLR | 2 | 3.22 | 7 |  |  |
| NP\_066919.2 | voltage-dependent T-type calcium channel subunit alpha-1I isoform a | | | | |
| NP\_001003406.1 | voltage-dependent T-type calcium channel subunit alpha-1I isoform b | | | | |
| LSPAAR | 1 | 1.56 | 9 |  |  |
| RTLSLDNR | 2 | 2.06 | 9 |  |  |
| SPSWAADR | 1 | 1.81 | 10 |  |  |
| NP\_064695.3 | aldo-keto reductase family 1 member B10 | |  |  |  |
| ACNVLQSSHLEDYPFNAEY | 2 | 4.02 | 8 |  |  |
| FHIQR | 1 | 1.54 | 8 |  |  |
| NP\_071925.2 | ectoderm-neural cortex protein 2 | |  |  |  |
| YFEAMFSHGLRESR | 2 | 2.07 | 4 |  |  |
| KEFSASAIGCKVYVTGGR | 2 | 2.29 | 5 |  |  |
| NP\_005843.2 | chromodomain-helicase-DNA-binding protein 3 isoform 2 | | |  |  |
| NP\_001005273.1 | chromodomain-helicase-DNA-binding protein 3 isoform 1 | | |  |  |
| NP\_001005271.2 | chromodomain-helicase-DNA-binding protein 3 isoform 3 | | |  |  |
| DEYREKSESGGSEYGTGPGR | 2 | 2.44 | 8 |  |  |
| IDGGITGALR | 1 | 1.51 | 9 |  |  |
| NP\_079054.3 | LON peptidase N-terminal domain and RING finger protein 3 isoform 2 | | | | |
| NP\_001027026.1 | LON peptidase N-terminal domain and RING finger protein 3 isoform 1 | | | | |
| LNGIR | 1 | 1.93 | 9 |  |  |
| AQLPFLAMR | 1 | 2.05 | 9 |  |  |
| NP\_001188474.1 | putative RNA-binding protein 15 isoform 2 | |  |  |  |
| NP\_073605.4 | putative RNA-binding protein 15 isoform 1 | |  |  |  |
| AKLAMSGKIIIR | 2 | 2.14 | 8 |  |  |
| EYDTGGGSSSSR | 1 | 1.76 | 8 |  |  |
| KNSASAER | 2 | 2.09 | 8 |  |  |
| NP\_003310.4 | titin isoform N2-B |  |  |  |  |
| NP\_596869.4 | titin isoform N2-A |  |  |  |  |
| NP\_597676.3 | titin isoform novex-1 |  |  |  |  |
| NP\_597681.3 | titin isoform novex-2 |  |  |  |  |
| ATAVIKFCDR | 2 | 2.02 | 11 |  |  |
| VVAEEKVPVPR | 2 | 2.22 | 10 |  |  |
| FEVLHGREAKVTETAR | 2 | 3.49 | 11 |  |  |
| DSMEVQWNEPISDGGSR | 2 | 3.11 | 11 |  |  |
| NP\_001243731.1 | 40S ribosomal protein S3 |  |  |  |  |
| NP\_000996.2 | 40S ribosomal protein S3 |  |  |  |  |
| TEIIILATR | 2 | 4.06 | 9 |  |  |
| ELAEDGYSGVEVR | 2 | 4.92 | 9 |  |  |
| NP\_733821.1 | prelamin-A/C isoform prelamin A precursor | |  |  |  |
| NP\_733822.1 | prelamin-A/C isoform prelamin A delta10 | |  |  |  |
| NP\_005563.1 | prelamin-A/C isoform lamin C |  |  |  |  |
| LAVYIDR | 2 | 2.54 | 5 |  |  |
| ITESEEVVSR | 2 | 4.13 | 5 |  |  |
| SGAQASSTPLSPTR | 2 | 4.71 | 5 |  |  |
| LADALQELR | 2 | 3.94 | 5 |  |  |
| TLEGELHDLR | 2 | 3.53 | 5 |  |  |
| SLETENAGLR | 2 | 3.64 | 5 |  |  |
| NP\_001167541.1 | protein FAM53A |  |  |  |  |
| NP\_001013644.1 | protein FAM53A |  |  |  |  |
| ESVTSDGSRR | 2 | 2.88 | 12 |  |  |
| RCDSGGSATR | 1 | 1.81 | 12 |  |  |
| NP\_004749.2 | peripheral-type benzodiazepine receptor-associated protein 1 isoform a | | | | |
| NP\_077729.1 | peripheral-type benzodiazepine receptor-associated protein 1 isoform b | | | | |
| CEELELQLR | 2 | 2.58 | 10 |  |  |
| GGGSPEKPPSR | 2 | 2.18 | 10 |  |  |
| NP\_150229.2 | multidrug resistance-associated protein 9 | |  |  |  |
| FFDTTPTGR | 2 | 2.14 | 4 |  |  |
| GVQELKKVENVSR | 2 | 2.85 | 4 |  |  |
| NP\_001193727.1 | pyruvate kinase isozymes M1/M2 isoform e | |  |  |  |
| EAEAAIYHLQLFEELR | 2 | 5.86 | 6 |  |  |
| APIIAVTR | 1 | 2.33 | 6 |  |  |
| NP\_115645.4 | coiled-coil domain-containing protein 135 | |  |  |  |
| EEKLSR | 1 | 1.66 | 10 |  |  |
| FEQEQEVKKQQEIR | 2 | 2.61 | 9 |  |  |
| NP\_001108104.1 | jmjC domain-containing protein 7 | |  |  |  |
| FMMPAER | 1 | 1.68 | 8 |  |  |
| YPSYSQAQALR | 2 | 2.02 | 8 |  |  |
| NP\_009099.1 | ATP-binding cassette sub-family A member 8 | | |  |  |
| KGCFSKRKNKIATR | 2 | 2.61 | 7 |  |  |
| KNKIATR | 1 | 1.52 | 6 |  |  |
| NP\_065799.1 | integrator complex subunit 2 |  |  |  |  |
| AFPPLYEDIMSLLIQIGQ VCASDVATQTR | 3 | 2.54 | 10 |  |  |
| QDEESLGGR | 1 | 1.68 | 11 |  |  |
| NP\_997270.2 | leucine-rich repeat-containing protein FAM211A isoform 2 | | | |  |
| NP\_001107039.1 | leucine-rich repeat-containing protein FAM211A isoform 1 | | | |  |
| QTKGSLAER | 1 | 1.60 | 11 |  |  |
| RERPDFWASLLLR | 2 | 2.75 | 12 |  |  |
| NP\_653292.2 | calpain-12 |  |  |  |  |
| CCLRPGHYLVVPSTAHAG DEADFTLR | 3 | 2.62 | 1 |  |  |
| TDVCQGSLGNCWFLAA AASLTLYPRLLR | 3 | 2.55 | 1 |  |  |
| NP\_004822.2 | mediator of RNA polymerase II transcription subunit 26 | | |  |  |
| NDLQRLPGQR | 2 | 2.23 | 4 |  |  |
| ADSPVHMEQQSR | 2 | 2.43 | 3 |  |  |
| NP\_872314.1 | uncharacterized protein C13orf30 | |  |  |  |
| EALSYALVLRDSTKR | 3 | 2.52 | 5 |  |  |
| EALSYALVLR | 2 | 2.24 | 5 |  |  |
| NP\_064710.4 | UPF0505 protein C16orf62 |  |  |  |  |
| MAPAGVVTR | 2 | 2.06 | 10 |  |  |
| SLGLNLALADPPESDR | 3 | 2.62 | 11 |  |  |
| NP\_008855.1 | serine/arginine-rich splicing factor 1 isoform 1 | | |  |  |
| NP\_001071634.1 | serine/arginine-rich splicing factor 1 isoform 2 | | |  |  |
| DGTGVVEFVR | 2 | 3.14 | 9 |  |  |
| GGGGAPR | 1 | 1.51 | 10 |  |  |
| SHEGETAYIR | 2 | 3.69 | 9 |  |  |
| IYVGNLPPDIR | 2 | 3.88 | 9 |  |  |
| DAEDAVYGR | 2 | 3.14 | 9 |  |  |
| EAGDVCYADVYR | 2 | 3.56 | 9 |  |  |
| NP\_004658.3 | E3 ubiquitin-protein ligase HERC2 | |  |  |  |
| FLGVLLGIAIR | 2 | 2.03 | 12 |  |  |
| LSSLPR | 1 | 1.68 | 11 |  |  |
| SSGIDCKIHGLILLGR | 2 | 2.11 | 12 |  |  |
| NP\_000194.2 | alpha-L-iduronidase precursor |  |  |  |  |
| THWLLELVTTRGSTGR | 2 | 2.00 | 5 |  |  |
| LGGPGDSFHTPPR | 2 | 2.06 | 6 |  |  |
| NP\_001075109.1 | DNA-dependent protein kinase catalytic subunit isoform 2 | | | |  |
| NP\_008835.5 | DNA-dependent protein kinase catalytic subunit isoform 1 | | | |  |
| WVELAKLYR | 1 | 1.62 | 7 |  |  |
| DQNILLGTTYR | 2 | 2.13 | 7 |  |  |
| NP\_057095.2 | trans-2-enoyl-CoA reductase, mitochondrial isoform a | | |  |  |
| MWVCSTLWRVR | 2 | 2.28 | 11 |  |  |
| LALNCVGGKSSTELLR | 2 | 2.47 | 12 |  |  |
| NP\_001087.2 | ATP-citrate synthase isoform 1 |  |  |  |  |
| NP\_942127.1 | ATP-citrate synthase isoform 2 |  |  |  |  |
| GGPNYQEGLR | 2 | 3.26 | 3 |  |  |
| TIAIIAEGIPEALTR | 2 | 5.48 | 3 |  |  |
| NP\_000680.2 | retinal dehydrogenase 1 |  |  |  |  |
| IFVEESIYDEFVR | 2 | 5.38 | 6 |  |  |
| LADLIER | 2 | 2.42 | 6 |  |  |
| TIPIDGNFFTYTR | 2 | 3.43 | 6 |  |  |
| NP\_001338.2 | diacylglycerol kinase theta |  |  |  |  |
| DARADAAPAPESDPR | 2 | 2.00 | 2 |  |  |
| EGNLPSGAR | 1 | 1.69 | 2 |  |  |
| FYVAESR | 1 | 1.58 | 3 |  |  |
| NP\_056142.2 | protein SMG5 |  |  |  |  |
| YLEAEFKKGNR | 2 | 2.04 | 2 |  |  |
| TNPDLIIVCAQSSQSLWNR | 2 | 2.10 | 3 |  |  |
| NP\_056390.2 | PERQ amino acid-rich with GYF domain-containing protein 2 isoform b | | | | |
| NP\_001096616.1 | PERQ amino acid-rich with GYF domain-containing protein 2 isoform b | | | | |
| NP\_001096617.1 | PERQ amino acid-rich with GYF domain-containing protein 2 isoform a | | | | |
| EEQNGEDEDGGWR | 2 | 2.42 | 3 |  |  |
| WRPHSPDGPR | 2 | 2.10 | 2 |  |  |
| NP\_112552.1 | heterogeneous nuclear ribonucleoprotein K isoform b | | |  |  |
| NP\_112553.1 | heterogeneous nuclear ribonucleoprotein K isoform a | | |  |  |
| NP\_002131.2 | heterogeneous nuclear ribonucleoprotein K isoform a | | |  |  |
| TDYNASVSVPDSSGPER | 2 | 4.82 | 6 |  |  |
| VVLIGGKPDR | 2 | 2.90 | 6 |  |  |
| NLPLPPPPPPR | 2 | 2.50 | 6 |  |  |
| GRPVGFPMRGR | 2 | 2.23 | 6 |  |  |
| NP\_005631.1 | transcription initiation factor TFIID subunit 4B | | |  |  |
| EMKYSRALYLALLK | 2 | 2.44 | 7 |  |  |
| KDLEEREMLLKAAKSR | 2 | 2.34 | 6 |  |  |
| NP\_699199.2 | gap junction delta-4 protein |  |  |  |  |
| RRPGPPTSPSIR | 2 | 2.34 | 10 |  |  |
| IVLAGR | 1 | 1.65 | 9 |  |  |
| NP\_542189.1 | abhydrolase domain-containing protein 16B | |  |  |  |
| GWPVAFRWDDVR | 2 | 2.07 | 1 |  |  |
| TQDDVVSTSGR | 1 | 1.52 | 1 |  |  |
| NP\_001074003.1 | protein unc-13 homolog C |  |  |  |  |
| TLHGLKLGALR | 2 | 2.51 | 2 |  |  |
| EDARGLTPR | 2 | 2.86 | 1 |  |  |
| NP\_543151.2 | E3 ubiquitin-protein ligase MIB2 isoform 1 | |  |  |  |
| NP\_001164157.1 | E3 ubiquitin-protein ligase MIB2 isoform 2 | |  |  |  |
| NP\_001164158.1 | E3 ubiquitin-protein ligase MIB2 isoform 3 | |  |  |  |
| NP\_001164159.1 | E3 ubiquitin-protein ligase MIB2 isoform 4 | |  |  |  |
| APALGR | 1 | 1.75 | 12 |  |  |
| RATGR | 1 | 1.54 | 12 |  |  |
| SLARCGPSSR | 2 | 2.30 | 11 |  |  |
| NP\_055907.3 | serine/threonine-protein kinase SMG1 | |  |  |  |
| NLVLKESQR | 2 | 2.13 | 11 |  |  |
| NSASPKHSLNGESR | 2 | 2.01 | 10 |  |  |
| NP\_689854.2 | AT-rich interactive domain-containing protein 2 | | |  |  |
| KLGINDIEGQR | 2 | 2.17 | 4 |  |  |
| DFVKFWKDIVDDNEVR | 2 | 2.85 | 5 |  |  |
| NP\_004896.1 | peroxiredoxin-6 |  |  |  |  |
| NFDEILR | 2 | 2.69 | 11 |  |  |
| DFTPVCTTELGR | 2 | 3.66 | 11 |  |  |
| NP\_598377.3 | A disintegrin and metalloproteinase with thrombospondin motifs 19 preproprotein | | | | |
| GVGGGGSAR | 1 | 1.86 | 8 |  |  |
| TCSAGISSRER | 1 | 2.05 | 8 |  |  |
| NP\_056969.2 | pre-mRNA cleavage complex 2 protein Pcf11 | |  |  |  |
| FEGCHALR | 1 | 1.77 | 3 |  |  |
| SPIIHSPKR | 2 | 2.25 | 4 |  |  |
| NP\_004238.3 | 116 kDa U5 small nuclear ribonucleoprotein component isoform a | | | |  |
| NP\_001136077.1 | 116 kDa U5 small nuclear ribonucleoprotein component isoform b | | | |  |
| GGGQIIPTAR | 2 | 3.06 | 4 |  |  |
| EGPLCDELIR | 2 | 2.05 | 3 |  |  |
| NP\_653297.3 | axonemal dynein light chain domain-containing protein 1 | | | |  |
| MENDMKKLVAER | 2 | 2.56 | 9 |  |  |
| VEVAQLNDVMDTMLER | 2 | 2.73 | 9 |  |  |
| NP\_056419.2 | DDB1- and CUL4-associated factor 4 isoform 1 | | |  |  |
| NP\_851938.2 | DDB1- and CUL4-associated factor 4 isoform 3 | | |  |  |
| NP\_001156980.1 | DDB1- and CUL4-associated factor 4 isoform 4 | | |  |  |
| MNKSRWQSR | 1 | 1.60 | 8 |  |  |
| DSEDRSDSR | 2 | 2.22 | 8 |  |  |
| NP\_002256.2 | importin subunit beta-1 |  |  |  |  |
| VLANPGNSQVAR | 2 | 3.84 | 4 |  |  |
| DTAAWTVGR | 2 | 2.55 | 4 |  |  |
| NP\_006422.1 | T-complex protein 1 subunit beta isoform 1 | |  |  |  |
| NP\_001185771.1 | T-complex protein 1 subunit beta isoform 2 | |  |  |  |
| VQDDEVGDGTTSVTVLAAELLR | 2 | 6.99 | 6 |  |  |
| QVLLSAAEAAEVILR | 2 | 3.71 | 6 |  |  |
| GATQQILDEAER | 2 | 4.67 | 6 |  |  |
| NP\_055456.2 | mediator of DNA damage checkpoint protein 1 | | |  |  |
| FTPELQPKASQSRKR | 2 | 2.27 | 3 |  |  |
| EAVLKDHTKIRALVR | 2 | 2.14 | 2 |  |  |
| NP\_061142.2 | ATP-binding cassette sub-family A member 5 | | |  |  |
| NP\_758424.1 | ATP-binding cassette sub-family A member 5 | | |  |  |
| KKGENVEALR | 2 | 2.19 | 2 |  |  |
| GIGYR | 1 | 1.55 | 1 |  |  |
| NP\_064550.3 | E3 ubiquitin-protein ligase RAD18 | |  |  |  |
| EIENIEKTRMR | 2 | 2.73 | 2 |  |  |
| MDSLAESR | 1 | 1.54 | 2 |  |  |
| NP\_000758.1 | cytochrome P450 2B6 precursor |  |  |  |  |
| FSVTTMR | 1 | 1.61 | 12 |  |  |
| FSDLLPMGVPHIVTQHTSFR | 2 | 2.89 | 12 |  |  |
| NP\_079466.3 | ankyrin repeat domain-containing protein 36B | | |  |  |
| SALILAVTLGEKDIVILL LQHNIDVFSR | 3 | 2.93 | 5 |  |  |
| EKKDGEISR | 2 | 2.30 | 4 |  |  |
| NP\_004318.3 | breakpoint cluster region protein isoform 1 | |  |  |  |
| NP\_067585.2 | breakpoint cluster region protein isoform 2 | |  |  |  |
| IVGVR | 1 | 1.67 | 7 |  |  |
| QCVEEIER | 1 | 1.98 | 6 |  |  |
| NP\_847884.2 | RILP-like protein 1 |  |  |  |  |
| TSPQPESGIKR | 2 | 2.99 | 3 |  |  |
| VLEILEVLVSR | 2 | 2.24 | 4 |  |  |
| NP\_001242954.1 | rho GTPase-activating protein 22 isoform 2 | |  |  |  |
| IEEGSADLR | 1 | 1.98 | 4 |  |  |
| MLPTASSKR | 1 | 2.11 | 5 |  |  |
| NP\_002335.2 | leukocyte tyrosine kinase receptor isoform 1 precursor | | |  |  |
| CVGLSLRATPR | 2 | 2.26 | 12 |  |  |
| GGAAGGGGGWTSR | 2 | 2.27 | 11 |  |  |
| NP\_112210.1 | phosphatase and actin regulator 1 | |  |  |  |
| NP\_001229577.1 | phosphatase and actin regulator 1 | |  |  |  |
| SKSDTPYLAEAR | 2 | 2.46 | 7 |  |  |
| RADKPWTR | 2 | 2.17 | 7 |  |  |
| NP\_149120.1 | transcriptional repressor scratch 2 | |  |  |  |
| RGGGGGDAGGSGDAGGAGGR | 2 | 2.09 | 10 |  |  |
| AGAQAGGGHR | 1 | 1.53 | 11 |  |  |
| NP\_055940.3 | protein capicua homolog |  |  |  |  |
| HPNQDNR | 2 | 2.83 | 7 |  |  |
| TSAKGPETMASKFPSSSSDWR | 2 | 2.15 | 8 |  |  |
| NP\_002784.1 | proteasome subunit beta type-1 |  |  |  |  |
| LSEGFSIHTR | 2 | 3.70 | 11 |  |  |
| DVYTGDALR | 2 | 2.49 | 11 |  |  |
| NP\_006089.1 | guanine nucleotide-binding protein subunit beta-2-like 1 | | |  |  |
| VWQVTIGTR | 2 | 3.88 | 9 |  |  |
| DETNYGIPQR | 2 | 3.77 | 10 |  |  |
| LWDLTTGTTTR | 2 | 3.82 | 9 |  |  |
| NP\_001018126.1 | muscle-related coiled-coil protein | |  |  |  |
| FKKSISNAAPSKEAFKMR | 2 | 2.25 | 1 |  |  |
| SLRKGKDR | 1 | 1.63 | 1 |  |  |
| NP\_000691.1 | annexin A1 |  |  |  |  |
| ALYEAGER | 2 | 2.91 | 8 |  |  |
| SEDFGVNEDLADSDAR | 2 | 5.46 | 8 |  |  |
| KGTDVNVFNTILTTR | 2 | 6.22 | 8 |  |  |
| NP\_783318.1 | zygote arrest protein 1 |  |  |  |  |
| IDAAVQCSLGRR | 2 | 2.10 | 11 |  |  |
| TVAVYSPLALRR | 2 | 2.26 | 12 |  |  |
| NP\_001145.1 | annexin A5 |  |  |  |  |
| GTVTDFPGFDER | 2 | 4.19 | 9 |  |  |
| SEIDLFNIR | 2 | 3.59 | 9 |  |  |
| NP\_061836.2 | bromodomain and WD repeat-containing protein 1 isoform A | | | |  |
| NP\_387505.1 | bromodomain and WD repeat-containing protein 1 isoform B | | | |  |
| VTSLLGAGR | 2 | 2.54 | 3 |  |  |
| QPVDLVEYPDYRDIIDTPMDFGTVR | 3 | 2.57 | 2 |  |  |
| NP\_009057.1 | transitional endoplasmic reticulum ATPase | |  |  |  |
| ESIESEIR | 2 | 2.63 | 4 |  |  |
| EVDIGIPDATGR | 2 | 3.68 | 4 |  |  |
| RSVSDNDIR | 2 | 2.72 | 4 |  |  |
| GGNIGDGGGAADR | 2 | 4.34 | 4 |  |  |
| KGDIFLVR | 2 | 3.00 | 4 |  |  |
| SVSDNDIR | 2 | 2.66 | 4 |  |  |
| NP\_004964.2 | protein Jumonji |  |  |  |  |
| FEPKNGLIHGVAPR | 2 | 2.19 | 3 |  |  |
| ATVDVPPSR | 2 | 2.02 | 2 |  |  |
| NP\_055906.2 | protein FAM179B |  |  |  |  |
| VSRNLFQNSR | 1 | 1.53 | 12 |  |  |
| EENPALR | 1 | 1.93 | 12 |  |  |
| NP\_055796.1 | myosin-15 precursor |  |  |  |  |
| CNGVLEGTR | 1 | 1.70 | 10 |  |  |
| LEEKEALINQLSR | 2 | 2.70 | 9 |  |  |
| NP\_612355.1 | uncharacterized protein KIAA2013 precursor | |  |  |  |
| MWLQQRLKGLPGLLSSSWAR | 3 | 2.59 | 1 |  |  |
| GEVVPLGPGVPALVANGF LALDVAANR | 3 | 2.55 | 1 |  |  |
| NP\_001231639.1 | glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 isoform 1 | | | | |
| NP\_002047.2 | glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 isoform 2 | | | | |
| YCKERGALTVGITNTVGSSISR | 2 | 2.61 | 6 |  |  |
| GALTVGITNTVGSSISR | 2 | 2.04 | 7 |  |  |
| NP\_002038.2 | glycine--tRNA ligase precursor |  |  |  |  |
| LLEFNQGKLPFAAAQIGNSFR | 2 | 2.54 | 5 |  |  |
| LGDAVEQGVINNTVLGYFIGR | 2 | 5.98 | 5 |  |  |
| NP\_597732.1 | ankyrin repeat domain-containing protein 24 | | |  |  |
| QLSPSAQEHLASLQEQVAVLTR | 3 | 2.56 | 4 |  |  |
| EALFMKSER | 1 | 1.94 | 5 |  |  |
| NP\_150254.1 | 60S ribosomal protein L13 isoform 1 | |  |  |  |
| NP\_000968.2 | 60S ribosomal protein L13 isoform 1 | |  |  |  |
| NP\_001230059.1 | 60S ribosomal protein L13 isoform 2 | |  |  |  |
| NP\_001230060.1 | 60S ribosomal protein L13 isoform 3 | |  |  |  |
| VATWFNQPAR | 2 | 3.50 | 11 |  |  |
| TIGISVDPR | 2 | 2.41 | 11 |  |  |
| GFSLEELR | 2 | 2.85 | 11 |  |  |
| NP\_003602.1 | oral-facial-digital syndrome 1 protein | |  |  |  |
| VKELQQEAER | 2 | 2.38 | 10 |  |  |
| VVSEQPQVGTLEER | 2 | 2.01 | 10 |  |  |
| NP\_689472.3 | treslin |  |  |  |  |
| LLFQQLVSR | 2 | 2.28 | 12 |  |  |
| AVGCGAGSSSGR | 2 | 2.07 | 11 |  |  |
| NP\_001367.2 | cytoplasmic dynein 1 heavy chain 1 | |  |  |  |
| IQGLTVEQAEAVVR | 2 | 2.18 | 3 |  |  |
| DLEASIAR | 2 | 2.12 | 4 |  |  |
| NP\_006658.1 | membrane-associated progesterone receptor component 1 | | | |  |
| DFTPAELR | 2 | 2.25 | 11 |  |  |
| FDGVQDPR | 2 | 2.25 | 11 |  |  |
| NP\_055427.2 | constitutive coactivator of PPAR-gamma-like protein 1 | | |  |  |
| GSLVGGGR | 1 | 1.74 | 7 |  |  |
| NHMDITTPPLPPVAPEVLR | 2 | 2.75 | 8 |  |  |
| NP\_037535.2 | striatin-4 isoform 1 |  |  |  |  |
| NP\_001034966.1 | striatin-4 isoform 2 |  |  |  |  |
| FLDNR | 1 | 1.55 | 10 |  |  |
| SLELNGAVEPSEGAPR | 2 | 2.28 | 10 |  |  |
| NP\_001131022.1 | leucine-rich repeat flightless-interacting protein 1 isoform 1 | | | |  |
| NP\_001131023.1 | leucine-rich repeat flightless-interacting protein 1 isoform 2 | | | |  |
| RQYEEKNKEFER | 2 | 2.14 | 5 |  |  |
| LEKMKANR | 1 | 1.60 | 6 |  |  |
| NP\_958929.1 | kinesin light chain 4 isoform a |  |  |  |  |
| NP\_958930.1 | kinesin light chain 4 isoform a |  |  |  |  |
| NP\_958931.1 | kinesin light chain 4 isoform b |  |  |  |  |
| LSQEEILGSTR | 2 | 2.93 | 5 |  |  |
| QGKLEAAETLEECALR | 2 | 2.95 | 4 |  |  |
| NP\_005180.1 | chromobox protein homolog 2 isoform 1 | |  |  |  |
| AVAPPTPASKR | 2 | 2.52 | 9 |  |  |
| MTQSQAQAASR | 2 | 3.21 | 9 |  |  |
| NP\_065831.1 | patched domain-containing protein 2 | |  |  |  |
| IELIFLAR | 2 | 2.46 | 12 |  |  |
| AKFQSFVVTYVAMLAKQSTSK VQVLYGGTDLFDYEVR | 3 | 2.86 | 11 |  |  |