**Table S1: All proteins detected by proteomics in LCM fractions**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   |   |   | Average STD/ | Average STD/ | Ratio |
| **ID** | **Protein** | **P** | **AD** | **Cntrl** | **AD/Cntrl** |
| P12277 | Creatine kinase B-type  | 0,004 | 1,38 | 2,30 | 1,67 |
| Q13813 | Spectrin alpha chain, non-erythrocytic 1  | 0,010 | 1,05 | 1,72 | 1,63 |
| P14136 | Glial fibrillary acidic protein  | 0,051 | 2,17 | 3,56 | 1,64 |
| P07196 | Neurofilament light polypeptide  | 0,104 | 0,53 | 1,33 | 2,52 |
| Q01082 | Spectrin beta chain, non-erythrocytic 1  | 0,116 | 1,58 | 0,86 | 0,54 |
| Q16143 | Beta-synuclein  | 0,136 | 1,72 | 0,53 | 0,31 |
| P11137 | Microtubule-associated protein 2  | 0,171 | 1,06 | 0,38 | 0,35 |
| P40925 | Malate dehydrogenase, cytoplasmic  | 0,181 | 0,55 | 1,60 | 2,91 |
| P35908 | Keratin, type II cytoskeletal 2 epidermal  | 0,189 | 0,22 | 1,50 | 6,93 |
| P11142 | Heat shock cognate 71 kDa protein  | 0,192 | 0,72 | 1,53 | 2,11 |
| P13645 | Keratin, type I cytoskeletal 10  | 0,236 | 0,53 | 1,07 | 2,02 |
| P61981 | 14-3-3 protein gamma  | 0,240 | 0,62 | 1,86 | 3,01 |
| P09936 | Ubiquitin carboxyl-terminal hydrolase isozyme L1  | 0,254 | 2,26 | 1,73 | 0,77 |
| Q16720 | Plasma membrane calcium-transporting ATPase 3  | 0,264 | 2,48 | 1,36 | 0,55 |
| P00338 | L-lactate dehydrogenase A chain  | 0,274 | 0,29 | 0,75 | 2,60 |
| Q9UQM7 | Calcium/calmodulin-dependent protein kinase type II subunit alpha  | 0,295 | 1,54 | 1,11 | 0,72 |
| P07900 | Heat shock protein HSP 90-alpha  | 0,305 | 1,63 | 1,09 | 0,67 |
| P22626 | Heterogeneous nuclear ribonucleoproteins A2/B1  | 0,328 | 0,61 | 1,24 | 2,04 |
| P19367 | Hexokinase-1  | 0,332 | 1,19 | 0,97 | 0,82 |
| Q13423 | NAD(P) transhydrogenase, mitochondrial  | 0,355 | 1,64 | 0,78 | 0,48 |
| O43301 | Heat shock 70 kDa protein 12A  | 0,358 | 0,53 | 2,62 | 4,97 |
| P06576 | ATP synthase subunit beta, mitochondrial  | 0,364 | 3,51 | 1,89 | 0,54 |
| P17600 | Synapsin-1  | 0,371 | 0,93 | 0,72 | 0,77 |
| P05129 | Protein kinase C gamma type  | 0,373 | 0,69 | 0,79 | 1,15 |
| P68366 | Tubulin alpha-4A chain  | 0,379 | 0,86 | 1,27 | 1,47 |
| P10809 | 60 kDa heat shock protein, mitochondrial  | 0,389 | 5,47 | 1,41 | 0,26 |
| P38606 | V-type proton ATPase catalytic subunit A  | 0,407 | 0,82 | 1,14 | 1,38 |
| P00505 | Aspartate aminotransferase, mitochondrial  | 0,418 | 0,77 | 1,90 | 2,47 |
| P04350 | Tubulin beta-4A chain  | 0,423 | 1,54 | 2,11 | 1,37 |
| P68104 | Elongation factor 1-alpha 1  | 0,450 | 0,55 | 1,08 | 1,96 |
| Q13885 | Tubulin beta-2A chain  | 0,464 | 2,00 | 1,25 | 0,62 |
| P10636 | Microtubule-associated protein tau  | 0,469 | 1,26 | 0,98 | 0,78 |
| P63104 | 14-3-3 protein zeta/delta  | 0,471 | 1,14 | 1,50 | 1,31 |
| P46459 | Vesicle-fusing ATPase  | 0,476 | 1,46 | 1,26 | 0,87 |
| P27348 | 14-3-3 protein theta  | 0,488 | 1,84 | 1,24 | 0,68 |
| P69905 | Hemoglobin subunit alpha  | 0,495 | 1,21 | 0,99 | 0,81 |
| P06744 | Glucose-6-phosphate isomerase  | 0,496 | 1,47 | 1,14 | 0,77 |
| P62158 | Calmodulin  | 0,530 | 4,27 | 1,78 | 0,42 |
| P13637 | Sodium/potassium-transporting ATPase subunit alpha-3  | 0,553 | 3,08 | 1,91 | 0,62 |
| P02686 | Myelin basic protein  | 0,553 | 2,25 | 1,76 | 0,78 |
| P07195 | L-lactate dehydrogenase B chain  | 0,575 | 1,29 | 2,31 | 1,80 |
| P25705 | ATP synthase subunit alpha, mitochondrial  | 0,618 | 0,89 | 1,03 | 1,15 |
| P60880 | Synaptosomal-associated protein 25  | 0,641 | 1,36 | 1,54 | 1,13 |
| P60201 | Myelin proteolipid protein  | 0,666 | 1,78 | 1,54 | 0,86 |
| Q6NXT2 | Histone H3.3C  | 0,667 | 0,61 | 0,68 | 1,11 |
| P23246 | Splicing factor, proline- and glutamine-rich  | 0,709 | 0,49 | 0,66 | 1,34 |
| P07339 | Cathepsin D  | 0,719 | 1,21 | 0,95 | 0,79 |
| P14618 | Pyruvate kinase isozymes M1/M2  | 0,726 | 1,54 | 1,41 | 0,92 |
| P21281 | V-type proton ATPase subunit B, brain isoform  | 0,740 | 1,08 | 0,92 | 0,84 |
| P60709 | Actin, cytoplasmic 1  | 0,745 | 2,33 | 2,02 | 0,87 |
| Q05193 | Dynamin-1  | 0,758 | 1,37 | 1,65 | 1,20 |
| P06748 | Nucleophosmin  | 0,777 | 0,69 | 0,83 | 1,21 |
| P80723 | Brain acid soluble protein 1  | 0,787 | 1,79 | 1,62 | 0,90 |
| P35527 | Keratin, type I cytoskeletal 9  | 0,819 | 0,51 | 0,62 | 1,20 |
| P31146 | Coronin-1A  | 0,842 | 1,56 | 1,37 | 0,87 |
| Q16555 | Dihydropyrimidinase-related protein 2  | 0,851 | 1,55 | 1,40 | 0,90 |
| P32119 | Peroxiredoxin-2  | 0,874 | 1,35 | 1,23 | 0,91 |
| P61764 | Syntaxin-binding protein 1  | 0,875 | 1,81 | 1,94 | 1,07 |
| Q8N111 | Cell cycle exit and neuronal differentiation protein 1  | 0,900 | 1,25 | 1,16 | 0,92 |
| P12532 | Creatine kinase U-type, mitochondrial  | 0,955 | 1,37 | 1,38 | 1,01 |
| Q08209 | Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform  | 0,962 | 1,39 | 1,41 | 1,02 |
| P04264 | Keratin, type II cytoskeletal 1  | 0,972 | 0,33 | 0,32 | 0,98 |
| A4UGR9 | Xin actin-binding repeat-containing protein 2  | # | n/a | 0,31 | n/a |
| A6NHL2 | Tubulin alpha chain-like 3  | # | n/a | 1,22 | n/a |
| A8K2U0 | Alpha-2-macroglobulin-like protein 1  | # | n/a | 0,97 | n/a |
| O00154 | Cytosolic acyl coenzyme A thioester hydrolase  | # | 2,75 | n/a | n/a |
| O00241 | Signal-regulatory protein beta-1  | # | 0,55 | n/a | n/a |
| O00264 | Membrane-associated progesterone receptor component 1  | # | 0,14 | n/a | n/a |
| O00401 | Neural Wiskott-Aldrich syndrome protein  | # | n/a | 0,35 | n/a |
| O00422 | Histone deacetylase complex subunit SAP18  | # | n/a | 0,53 | n/a |
| O00429 | Dynamin-1-like protein  | # | n/a | 0,88 | n/a |
| O00571 | ATP-dependent RNA helicase DDX3X  | # | n/a | 0,70 | n/a |
| O14773 | Tripeptidyl-peptidase 1  | # | n/a | 0,97 | n/a |
| O15145 | Actin-related protein 2/3 complex subunit 3  | # | 0,97 | n/a | n/a |
| O15394 | Neural cell adhesion molecule 2  | # | 0,08 | n/a | n/a |
| O43175 | D-3-phosphoglycerate dehydrogenase  | # | n/a | 1,03 | n/a |
| O43240 | Kallikrein-10  | # | n/a | 0,54 | n/a |
| O43312 | Metastasis suppressor protein 1  | # | n/a | 0,34 | n/a |
| O43390 | Heterogeneous nuclear ribonucleoprotein R  | # | 3,73 | 1,18 | 0,32 |
| O43426 | Synaptojanin-1  | # | 0,36 | 1,39 | 3,81 |
| O43548 | Protein-glutamine gamma-glutamyltransferase 5  | # | n/a | 1,00 | n/a |
| O43759 | Synaptogyrin-1  | # | 2,69 | 1,50 | 0,56 |
| O43761 | Synaptogyrin-3  | # | n/a | 0,40 | n/a |
| O60234 | Glia maturation factor gamma  | # | 1,05 | n/a | n/a |
| O60262 | Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-7  | # | n/a | 0,66 | n/a |
| O60502 | Bifunctional protein NCOAT  | # | 0,71 | n/a | n/a |
| O60641 | Clathrin coat assembly protein AP180  | # | 4,51 | 1,60 | 0,35 |
| O60814 | Histone H2B type 1-K  | # | n/a | 0,87 | n/a |
| O75037 | Kinesin-like protein KIF21B  | # | n/a | 1,55 | n/a |
| O75083 | WD repeat-containing protein 1  | # | 0,28 | 0,69 | 2,46 |
| O75323 | Protein NipSnap homolog 2  | # | n/a | 0,78 | n/a |
| O75342 | Arachidonate 12-lipoxygenase, 12R-type  | # | n/a | 0,85 | n/a |
| O75369 | Filamin-B  | # | n/a | 1,12 | n/a |
| O75390 | Citrate synthase, mitochondrial  | # | 1,83 | n/a | n/a |
| O75781 | Paralemmin-1  | # | 0,55 | 0,42 | 0,76 |
| O75964 | ATP synthase subunit g, mitochondrial  | # | n/a | 1,94 | n/a |
| O76070 | Gamma-synuclein  | # | n/a | 0,72 | n/a |
| O94760 | N(G),N(G)-dimethylarginine dimethylaminohydrolase 1  | # | 0,89 | 1,77 | 1,99 |
| O94772 | Lymphocyte antigen 6H  | # | 0,88 | n/a | n/a |
| O94811 | Tubulin polymerization-promoting protein  | # | 1,06 | n/a | n/a |
| O94925 | Glutaminase kidney isoform, mitochondrial  | # | n/a | 0,16 | n/a |
| O95336 | 6-phosphogluconolactonase  | # | n/a | 0,91 | n/a |
| O95373 | Importin-7  | # | n/a | 0,92 | n/a |
| O95674 | Phosphatidate cytidylyltransferase 2  | # | n/a | 1,54 | n/a |
| O95678 | Keratin, type II cytoskeletal 75  | # | 1,74 | n/a | n/a |
| O95741 | Copine-6  | # | 0,28 | n/a | n/a |
| P00367 | Glutamate dehydrogenase 1, mitochondrial  | # | n/a | 1,63 | n/a |
| P00387 | NADH-cytochrome b5 reductase 3  | # | n/a | 1,60 | n/a |
| P00403 | Cytochrome c oxidase subunit 2  | # | 0,73 | 0,95 | 1,31 |
| P00441 | Superoxide dismutase [Cu-Zn]  | # | n/a | 0,29 | n/a |
| P00558 | Phosphoglycerate kinase 1  | # | 0,81 | n/a | n/a |
| P00568 | Adenylate kinase isoenzyme 1  | # | n/a | 1,15 | n/a |
| P01620 | Ig kappa chain V-III region SIE  | # | n/a | 1,52 | n/a |
| P01766 | Ig heavy chain V-III region BRO  | # | n/a | 1,28 | n/a |
| P01833 | Polymeric immunoglobulin receptor  | # | 0,19 | n/a | n/a |
| P01834 | Ig kappa chain C region  | # | 0,47 | 1,95 | 4,11 |
| P01857 | Ig gamma-1 chain C region  | # | 0,44 | 1,02 | 2,32 |
| P01859 | Ig gamma-2 chain C region  | # | n/a | 7,44 | n/a |
| P01861 | Ig gamma-4 chain C region  | # | n/a | 1,24 | n/a |
| P01876 | Ig alpha-1 chain C region  | # | 1,32 | n/a | n/a |
| P02042 | Hemoglobin subunit delta  | # | n/a | 0,89 | n/a |
| P02511 | Alpha-crystallin B chain  | # | n/a | 0,09 | n/a |
| P02533 | Keratin, type I cytoskeletal 14  | # | 0,70 | 0,65 | 0,93 |
| P02538 | Keratin, type II cytoskeletal 6A  | # | 0,50 | 0,72 | 1,44 |
| P02545 | Prelamin-A/C  | # | 0,42 | 0,66 | 1,58 |
| P02675 | Fibrinogen beta chain  | # | n/a | 0,25 | n/a |
| P02768 | Serum albumin  | # | 0,34 | 0,63 | 1,85 |
| P02792 | Ferritin light chain  | # | n/a | 1,07 | n/a |
| P04075 | Fructose-bisphosphate aldolase A  | # | 2,18 | 1,57 | 0,72 |
| P04083 | Annexin A1  | # | n/a | 0,76 | n/a |
| P04179 | Superoxide dismutase [Mn], mitochondrial  | # | 0,97 | n/a | n/a |
| P04259 | Keratin, type II cytoskeletal 6B  | # | 0,43 | 1,46 | 3,36 |
| P04406 | Glyceraldehyde-3-phosphate dehydrogenase  | # | 1,00 | 0,85 | 0,85 |
| P04792 | Heat shock protein beta-1  | # | 0,67 | 1,06 | 1,59 |
| P05023 | Sodium/potassium-transporting ATPase subunit alpha-1  | # | n/a | 0,94 | n/a |
| P05026 | Sodium/potassium-transporting ATPase subunit beta-1  | # | 3,76 | 1,48 | 0,39 |
| P05089 | Arginase-1  | # | n/a | 1,33 | n/a |
| P05091 | Aldehyde dehydrogenase, mitochondrial  | # | n/a | 0,79 | n/a |
| P05141 | ADP/ATP translocase 2  | # | 2,16 | 0,87 | 0,40 |
| P05198 | Eukaryotic translation initiation factor 2 subunit 1  | # | 1,50 | n/a | n/a |
| P05413 | Fatty acid-binding protein, heart  | # | 0,69 | 1,11 | 1,61 |
| P05496 | ATP synthase F(0) complex subunit C1, mitochondrial  | # | 0,81 | 1,21 | 1,49 |
| P05787 | Keratin, type II cytoskeletal 8  | # | 2,42 | n/a | n/a |
| P06396 | Gelsolin  | # | n/a | 0,64 | n/a |
| P06733 | Alpha-enolase  | # | 0,14 | 1,05 | 7,69 |
| P06753 | Tropomyosin alpha-3 chain  | # | n/a | 0,99 | n/a |
| P07197 | Neurofilament medium polypeptide  | # | 1,12 | 0,67 | 0,59 |
| P07355 | Annexin A2  | # | n/a | 1,23 | n/a |
| P07437 | Tubulin beta chain  | # | n/a | 6,46 | n/a |
| P07476 | Involucrin  | # | n/a | 0,52 | n/a |
| P07737 | Profilin-1  | # | n/a | 1,38 | n/a |
| P07814 | Bifunctional glutamate/proline--tRNA ligase  | # | n/a | 5,30 | n/a |
| P07910 | Heterogeneous nuclear ribonucleoproteins C1/C2  | # | n/a | 0,24 | n/a |
| P07954 | Fumarate hydratase, mitochondrial  | # | n/a | 0,51 | n/a |
| P08107 | Heat shock 70 kDa protein 1A/1B  | # | 0,52 | 0,76 | 1,47 |
| P08133 | Annexin A6  | # | n/a | 0,61 | n/a |
| P08237 | 6-phosphofructokinase, muscle type  | # | 1,23 | n/a | n/a |
| P08238 | Heat shock protein HSP 90-beta  | # | 0,62 | n/a | n/a |
| P08247 | Synaptophysin  | # | 4,97 | n/a | n/a |
| P08559 | Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial  | # | n/a | 2,68 | n/a |
| P08670 | Vimentin  | # | 1,10 | n/a | n/a |
| P08758 | Annexin A5  | # | n/a | 1,39 | n/a |
| P08779 | Keratin, type I cytoskeletal 16  | # | 1,15 | 0,84 | 0,72 |
| P09104 | Gamma-enolase  | # | 1,38 | 0,44 | 0,32 |
| P09211 | Glutathione S-transferase P  | # | n/a | 0,73 | n/a |
| P09471 | Guanine nucleotide-binding protein G(o) subunit alpha  | # | n/a | 2,27 | n/a |
| P09497 | Clathrin light chain B  | # | n/a | 0,91 | n/a |
| P09525 | Annexin A4  | # | n/a | 0,77 | n/a |
| P09543 | 2',3'-cyclic-nucleotide 3'-phosphodiesterase  | # | 1,58 | 4,05 | 2,56 |
| P09622 | Dihydrolipoyl dehydrogenase, mitochondrial  | # | 0,73 | n/a | n/a |
| P09651 | Heterogeneous nuclear ribonucleoprotein A1  | # | n/a | 1,46 | n/a |
| P09972 | Fructose-bisphosphate aldolase C  | # | 2,32 | 2,16 | 0,93 |
| P0C0S5 | Histone H2A.Z  | # | 0,46 | 0,39 | 0,85 |
| P0CG05 | Ig lambda-2 chain C regions  | # | 0,43 | n/a | n/a |
| P0CG48 | Polyubiquitin-C  | # | 0,52 | 1,18 | 2,27 |
| P10114 | Ras-related protein Rap-2a  | # | 1,03 | 0,32 | 0,31 |
| P10515 | Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial  | # | n/a | 0,80 | n/a |
| P10599 | Thioredoxin  | # | n/a | 0,22 | n/a |
| P10909 | Clusterin  | # | n/a | 1,28 | n/a |
| P11021 | 78 kDa glucose-regulated protein  | # | 0,46 | 1,32 | 2,89 |
| P11169 | Solute carrier family 2, facilitated glucose transporter member 3  | # | n/a | 0,73 | n/a |
| P11177 | Pyruvate dehydrogenase E1 component subunit beta, mitochondrial  | # | 0,75 | 0,85 | 1,14 |
| P11216 | Glycogen phosphorylase, brain form  | # | 0,72 | n/a | n/a |
| P11233 | Ras-related protein Ral-A  | # | n/a | 2,06 | n/a |
| P12035 | Keratin, type II cytoskeletal 3  | # | n/a | 0,89 | n/a |
| P12036 | Neurofilament heavy polypeptide  | # | 0,47 | n/a | n/a |
| P12235 | ADP/ATP translocase 1  | # | n/a | 1,64 | n/a |
| P12236 | ADP/ATP translocase 3  | # | n/a | 1,34 | n/a |
| P13489 | Ribonuclease inhibitor  | # | n/a | 0,79 | n/a |
| P13591 | Neural cell adhesion molecule 1  | # | 0,54 | 0,83 | 1,53 |
| P13639 | Elongation factor 2  | # | n/a | 0,86 | n/a |
| P13647 | Keratin, type II cytoskeletal 5  | # | 0,35 | 0,56 | 1,60 |
| P13928 | Annexin A8  | # | n/a | 0,85 | n/a |
| P14406 | Cytochrome c oxidase subunit 7A2, mitochondrial  | # | n/a | 2,98 | n/a |
| P14625 | Endoplasmin  | # | 2,07 | 0,86 | 0,42 |
| P14735 | Insulin-degrading enzyme  | # | n/a | 0,98 | n/a |
| P14866 | Heterogeneous nuclear ribonucleoprotein L  | # | n/a | 0,51 | n/a |
| P14923 | Junction plakoglobin  | # | n/a | 1,04 | n/a |
| P15259 | Phosphoglycerate mutase 2  | # | 1,37 | n/a | n/a |
| P15880 | 40S ribosomal protein S2  | # | n/a | 0,31 | n/a |
| P15924 | Desmoplakin  | # | 0,47 | 0,66 | 1,42 |
| P15954 | Cytochrome c oxidase subunit 7C, mitochondrial  | # | n/a | 0,80 | n/a |
| P16152 | Carbonyl reductase [NADPH] 1  | # | 2,80 | 0,89 | 0,32 |
| P16298 | Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform  | # | n/a | 0,35 | n/a |
| P16520 | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-3  | # | 0,59 | 1,57 | 2,67 |
| P16615 | Sarcoplasmic/endoplasmic reticulum calcium ATPase 2  | # | 1,06 | 1,52 | 1,43 |
| P17174 | Aspartate aminotransferase, cytoplasmic  | # | 1,06 | 2,78 | 2,63 |
| P17252 | Protein kinase C alpha type  | # | 1,40 | n/a | n/a |
| P17677 | Neuromodulin  | # | 1,20 | 2,90 | 2,42 |
| P17858 | 6-phosphofructokinase, liver type  | # | n/a | 2,92 | n/a |
| P17931 | Galectin-3  | # | n/a | 0,92 | n/a |
| P18085 | ADP-ribosylation factor 4  | # | 1,72 | 2,74 | 1,59 |
| P18124 | 60S ribosomal protein L7  | # | n/a | 0,42 | n/a |
| P19013 | Keratin, type II cytoskeletal 4  | # | n/a | 1,48 | n/a |
| P19338 | Nucleolin  | # | 0,15 | 0,68 | 4,48 |
| P19404 | NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial  | # | n/a | 1,71 | n/a |
| P20020 | Plasma membrane calcium-transporting ATPase 1  | # | n/a | 1,85 | n/a |
| P20073 | Annexin A7  | # | n/a | 0,80 | n/a |
| P20336 | Ras-related protein Rab-3A  | # | 2,46 | 1,12 | 0,46 |
| P20674 | Cytochrome c oxidase subunit 5A, mitochondrial  | # | n/a | 1,53 | n/a |
| P20930 | Filaggrin  | # | n/a | 1,07 | n/a |
| P21333 | Filamin-A  | # | n/a | 1,45 | n/a |
| P21579 | Synaptotagmin-1  | # | n/a | 2,50 | n/a |
| P21796 | Voltage-dependent anion-selective channel protein 1  | # | 1,58 | n/a | n/a |
| P22061 | Protein-L-isoaspartate(D-aspartate) O-methyltransferase  | # | n/a | 1,02 | n/a |
| P22314 | Ubiquitin-like modifier-activating enzyme 1  | # | 0,44 | n/a | n/a |
| P22392 | Nucleoside diphosphate kinase B  | # | n/a | 0,44 | n/a |
| P22695 | Cytochrome b-c1 complex subunit 2, mitochondrial  | # | n/a | 0,77 | n/a |
| P22735 | Protein-glutamine gamma-glutamyltransferase K  | # | n/a | 1,03 | n/a |
| P23368 | NAD-dependent malic enzyme, mitochondrial  | # | 1,02 | n/a | n/a |
| P23471 | Receptor-type tyrosine-protein phosphatase zeta  | # | n/a | 1,80 | n/a |
| P23526 | Adenosylhomocysteinase  | # | n/a | 0,51 | n/a |
| P23588 | Eukaryotic translation initiation factor 4B  | # | n/a | 1,02 | n/a |
| P24539 | ATP synthase subunit b, mitochondrial  | # | 1,68 | 1,25 | 0,74 |
| P26641 | Elongation factor 1-gamma  | # | 0,06 | 0,22 | 3,75 |
| P27797 | Calreticulin  | # | 1,13 | n/a | n/a |
| P27816 | Microtubule-associated protein 4  | # | n/a | 0,49 | n/a |
| P27824 | Calnexin  | # | n/a | 1,32 | n/a |
| P28066 | Proteasome subunit alpha type-5  | # | n/a | 0,71 | n/a |
| P28072 | Proteasome subunit beta type-6  | # | n/a | 0,56 | n/a |
| P28331 | NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial  | # | n/a | 0,84 | n/a |
| P28482 | Mitogen-activated protein kinase 1  | # | 0,74 | 0,94 | 1,27 |
| P29401 | Transketolase  | # | n/a | 1,14 | n/a |
| P29966 | Myristoylated alanine-rich C-kinase substrate  | # | 1,29 | 1,05 | 0,81 |
| P30041 | Peroxiredoxin-6  | # | 0,51 | 1,55 | 3,06 |
| P30044 | Peroxiredoxin-5, mitochondrial  | # | 3,93 | n/a | n/a |
| P30048 | Thioredoxin-dependent peroxide reductase, mitochondrial  | # | n/a | 2,00 | n/a |
| P30049 | ATP synthase subunit delta, mitochondrial  | # | 0,54 | 0,62 | 1,16 |
| P30084 | Enoyl-CoA hydratase, mitochondrial  | # | 0,52 | 2,71 | 5,25 |
| P30086 | Phosphatidylethanolamine-binding protein 1  | # | 2,29 | n/a | n/a |
| P30101 | Protein disulfide-isomerase A3  | # | 0,84 | 0,46 | 0,55 |
| P30153 | Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform  | # | n/a | 1,57 | n/a |
| P31930 | Cytochrome b-c1 complex subunit 1, mitochondrial  | # | n/a | 0,97 | n/a |
| P31942 | Heterogeneous nuclear ribonucleoprotein H3  | # | 0,33 | 0,54 | 1,64 |
| P31943 | Heterogeneous nuclear ribonucleoprotein H  | # | n/a | 1,24 | n/a |
| P31944 | Caspase-14  | # | n/a | 0,63 | n/a |
| P31946 | 14-3-3 protein beta/alpha  | # | 2,04 | 5,02 | 2,46 |
| P31947 | 14-3-3 protein sigma  | # | n/a | 0,95 | n/a |
| P32856 | Syntaxin-2  | # | 0,31 | n/a | n/a |
| P35080 | Profilin-2  | # | 0,99 | n/a | n/a |
| P35232 | Prohibitin  | # | n/a | 0,68 | n/a |
| P35579 | Myosin-9  | # | n/a | 1,25 | n/a |
| P36543 | V-type proton ATPase subunit E 1  | # | 2,09 | 1,56 | 0,74 |
| P36952 | Serpin B5  | # | n/a | 1,44 | n/a |
| P37840 | Alpha-synuclein  | # | 0,37 | 0,92 | 2,45 |
| P38159 | RNA-binding motif protein, X chromosome  | # | n/a | 1,11 | n/a |
| P38646 | Stress-70 protein, mitochondrial  | # | 0,62 | 0,67 | 1,08 |
| P39023 | 60S ribosomal protein L3  | # | 0,42 | 0,53 | 1,25 |
| P39060 | Collagen alpha-1(XVIII) chain  | # | n/a | 0,21 | n/a |
| P40121 | Macrophage-capping protein  | # | n/a | 0,52 | n/a |
| P40926 | Malate dehydrogenase, mitochondrial  | # | 0,56 | 0,71 | 1,27 |
| P43004 | Excitatory amino acid transporter 2  | # | n/a | 2,72 | n/a |
| P43243 | Matrin-3  | # | 0,25 | 1,02 | 4,01 |
| P45880 | Voltage-dependent anion-selective channel protein 2  | # | n/a | 1,83 | n/a |
| P45974 | Ubiquitin carboxyl-terminal hydrolase 5  | # | 1,33 | n/a | n/a |
| P46779 | 60S ribosomal protein L28  | # | n/a | 0,55 | n/a |
| P46781 | 40S ribosomal protein S9  | # | 0,56 | n/a | n/a |
| P46821 | Microtubule-associated protein 1B  | # | 0,99 | 1,08 | 1,10 |
| P47914 | 60S ribosomal protein L29  | # | n/a | 0,69 | n/a |
| P47929 | Galectin-7  | # | n/a | 0,66 | n/a |
| P48047 | ATP synthase subunit O, mitochondrial  | # | n/a | 0,93 | n/a |
| P48735 | Isocitrate dehydrogenase [NADP], mitochondrial  | # | n/a | 1,67 | n/a |
| P49189 | 4-trimethylaminobutyraldehyde dehydrogenase  | # | 0,64 | 0,59 | 0,92 |
| P49207 | 60S ribosomal protein L34  | # | 0,19 | n/a | n/a |
| P49327 | Fatty acid synthase  | # | n/a | 0,59 | n/a |
| P49411 | Elongation factor Tu, mitochondrial  | # | n/a | 0,83 | n/a |
| P49418 | Amphiphysin  | # | 0,55 | 4,47 | 8,15 |
| P50395 | Rab GDP dissociation inhibitor beta  | # | n/a | 0,39 | n/a |
| P50993 | Sodium/potassium-transporting ATPase subunit alpha-2  | # | 1,57 | 2,89 | 1,84 |
| P51149 | Ras-related protein Rab-7a  | # | n/a | 0,50 | n/a |
| P51153 | Ras-related protein Rab-13  | # | n/a | 0,80 | n/a |
| P51991 | Heterogeneous nuclear ribonucleoprotein A3  | # | n/a | 1,00 | n/a |
| P52272 | Heterogeneous nuclear ribonucleoprotein M  | # | 1,15 | 1,55 | 1,35 |
| P52564 | Dual specificity mitogen-activated protein kinase kinase 6  | # | n/a | 0,28 | n/a |
| P53621 | Coatomer subunit alpha  | # | n/a | 1,04 | n/a |
| P53680 | AP-2 complex subunit sigma  | # | 0,61 | n/a | n/a |
| P54136 | Arginine--tRNA ligase, cytoplasmic  | # | n/a | 0,80 | n/a |
| P54289 | Voltage-dependent calcium channel subunit alpha-2/delta-1  | # | n/a | 2,73 | n/a |
| P55795 | Heterogeneous nuclear ribonucleoprotein H2  | # | n/a | 2,43 | n/a |
| P55809 | Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial  | # | 1,48 | 0,98 | 0,67 |
| P56385 | ATP synthase subunit e, mitochondrial  | # | n/a | 1,23 | n/a |
| P58107 | Epiplakin  | # | n/a | 1,64 | n/a |
| P59998 | Actin-related protein 2/3 complex subunit 4  | # | n/a | 1,43 | n/a |
| P60174 | Triosephosphate isomerase  | # | 0,69 | 1,02 | 1,49 |
| P60842 | Eukaryotic initiation factor 4A-I  | # | n/a | 0,57 | n/a |
| P61088 | Ubiquitin-conjugating enzyme E2 N  | # | n/a | 0,68 | n/a |
| P61106 | Ras-related protein Rab-14  | # | 0,47 | n/a | n/a |
| P61160 | Actin-related protein 2  | # | 1,00 | n/a | n/a |
| P61224 | Ras-related protein Rap-1b  | # | 0,79 | n/a | n/a |
| P61247 | 40S ribosomal protein S3a  | # | n/a | 0,56 | n/a |
| P61266 | Syntaxin-1B  | # | n/a | 0,51 | n/a |
| P61313 | 60S ribosomal protein L15  | # | n/a | 0,41 | n/a |
| P61421 | V-type proton ATPase subunit d 1  | # | 1,26 | 1,20 | 0,95 |
| P61604 | 10 kDa heat shock protein, mitochondrial  | # | 0,28 | 0,27 | 0,95 |
| P61626 | Lysozyme C  | # | 0,39 | n/a | n/a |
| P61978 | Heterogeneous nuclear ribonucleoprotein K  | # | 0,26 | 0,49 | 1,87 |
| P62191 | 26S protease regulatory subunit 4  | # | n/a | 0,94 | n/a |
| P62258 | 14-3-3 protein epsilon  | # | 1,01 | 1,51 | 1,49 |
| P62424 | 60S ribosomal protein L7a  | # | n/a | 0,48 | n/a |
| P62701 | 40S ribosomal protein S4, X isoform  | # | 0,39 | n/a | n/a |
| P62714 | Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform  | # | 1,35 | n/a | n/a |
| P62760 | Visinin-like protein 1  | # | n/a | 1,61 | n/a |
| P62805 | Histone H4  | # | 1,11 | 1,30 | 1,17 |
| P62820 | Ras-related protein Rab-1A  | # | 1,01 | n/a | n/a |
| P62826 | GTP-binding nuclear protein Ran  | # | n/a | 0,51 | n/a |
| P62873 | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1  | # | n/a | 1,01 | n/a |
| P62910 | 60S ribosomal protein L32  | # | n/a | 1,01 | n/a |
| P62937 | Peptidyl-prolyl cis-trans isomerase A  | # | 3,70 | 0,89 | 0,24 |
| P63027 | Vesicle-associated membrane protein 2  | # | 2,22 | 1,16 | 0,52 |
| P63244 | Guanine nucleotide-binding protein subunit beta-2-like 1  | # | n/a | 0,88 | n/a |
| P67936 | Tropomyosin alpha-4 chain  | # | 1,58 | n/a | n/a |
| P68371 | Tubulin beta-4B chain  | # | 1,04 | 1,38 | 1,32 |
| P68871 | Hemoglobin subunit beta  | # | 2,06 | 4,49 | 2,19 |
| P78324 | Tyrosine-protein phosphatase non-receptor type substrate 1  | # | 0,87 | n/a | n/a |
| P78352 | Disks large homolog 4  | # | 1,71 | n/a | n/a |
| P78371 | T-complex protein 1 subunit beta  | # | n/a | 1,09 | n/a |
| P78559 | Microtubule-associated protein 1A  | # | 0,48 | 1,05 | 2,21 |
| P81605 | Dermcidin  | # | 0,39 | 0,65 | 1,68 |
| P83731 | 60S ribosomal protein L24  | # | n/a | 0,70 | n/a |
| P84098 | 60S ribosomal protein L19  | # | 0,56 | 0,56 | 0,99 |
| P84103 | Serine/arginine-rich splicing factor 3  | # | n/a | 1,48 | n/a |
| Q00325 | Phosphate carrier protein, mitochondrial  | # | n/a | 1,17 | n/a |
| Q00577 | Transcriptional activator protein Pur-alpha  | # | 0,24 | 1,87 | 7,78 |
| Q00610 | Clathrin heavy chain 1  | # | 0,74 | 1,34 | 1,82 |
| Q00839 | Heterogeneous nuclear ribonucleoprotein U  | # | 0,72 | 0,98 | 1,36 |
| Q01130 | Serine/arginine-rich splicing factor 2  | # | n/a | 2,07 | n/a |
| Q01469 | Fatty acid-binding protein, epidermal  | # | n/a | 0,52 | n/a |
| Q01484 | Ankyrin-2  | # | n/a | 1,19 | n/a |
| Q01813 | 6-phosphofructokinase type C  | # | n/a | 0,81 | n/a |
| Q02252 | Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial  | # | n/a | 1,27 | n/a |
| Q02413 | Desmoglein-1  | # | 0,30 | 1,60 | 5,38 |
| Q02487 | Desmocollin-2  | # | n/a | 0,33 | n/a |
| Q02750 | Dual specificity mitogen-activated protein kinase kinase 1  | # | n/a | 1,51 | n/a |
| Q02978 | Mitochondrial 2-oxoglutarate/malate carrier protein  | # | n/a | 0,96 | n/a |
| Q03252 | Lamin-B2  | # | 0,83 | 0,51 | 0,61 |
| Q04695 | Keratin, type I cytoskeletal 17  | # | 0,73 | 1,20 | 1,64 |
| Q04837 | Single-stranded DNA-binding protein, mitochondrial  | # | 0,25 | 1,41 | 5,59 |
| Q04917 | 14-3-3 protein eta  | # | 0,65 | 1,77 | 2,73 |
| Q05639 | Elongation factor 1-alpha 2  | # | 1,27 | n/a | n/a |
| Q06830 | Peroxiredoxin-1  | # | 2,28 | 1,42 | 0,62 |
| Q07020 | 60S ribosomal protein L18  | # | n/a | 0,41 | n/a |
| Q07955 | Serine/arginine-rich splicing factor 1  | # | n/a | 0,36 | n/a |
| Q08188 | Protein-glutamine gamma-glutamyltransferase E  | # | n/a | 1,17 | n/a |
| Q08211 | ATP-dependent RNA helicase A  | # | 0,11 | 0,65 | 5,69 |
| Q08554 | Desmocollin-1  | # | 1,54 | 1,08 | 0,70 |
| Q08722 | Leukocyte surface antigen CD47  | # | n/a | 0,91 | n/a |
| Q10567 | AP-1 complex subunit beta-1  | # | n/a | 1,21 | n/a |
| Q12860 | Contactin-1  | # | 1,64 | 0,68 | 0,42 |
| Q13449 | Limbic system-associated membrane protein  | # | 0,99 | 1,14 | 1,15 |
| Q13509 | Tubulin beta-3 chain  | # | n/a | 2,26 | n/a |
| Q13554 | Calcium/calmodulin-dependent protein kinase type II subunit beta  | # | 1,07 | n/a | n/a |
| Q13765 | Nascent polypeptide-associated complex subunit alpha  | # | n/a | 0,79 | n/a |
| Q13835 | Plakophilin-1  | # | n/a | 0,46 | n/a |
| Q14103 | Heterogeneous nuclear ribonucleoprotein D0  | # | 0,52 | n/a | n/a |
| Q14194 | Dihydropyrimidinase-related protein 1  | # | 0,70 | 0,62 | 0,89 |
| Q14204 | Cytoplasmic dynein 1 heavy chain 1  | # | n/a | 0,83 | n/a |
| Q14574 | Desmocollin-3  | # | n/a | 1,17 | n/a |
| Q14576 | ELAV-like protein 3  | # | n/a | 0,38 | n/a |
| Q14697 | Neutral alpha-glucosidase AB  | # | n/a | 3,51 | n/a |
| Q14CN4 | Keratin, type II cytoskeletal 72  | # | n/a | 1,52 | n/a |
| Q15084 | Protein disulfide-isomerase A6  | # | n/a | 0,90 | n/a |
| Q15121 | Astrocytic phosphoprotein PEA-15  | # | 1,27 | n/a | n/a |
| Q15149 | Plectin  | # | 0,19 | 0,92 | 5,00 |
| Q15366 | Poly(rC)-binding protein 2  | # | 0,77 | n/a | n/a |
| Q15517 | Corneodesmosin  | # | n/a | 1,46 | n/a |
| Q15700 | Disks large homolog 2  | # | 1,32 | n/a | n/a |
| Q15836 | Vesicle-associated membrane protein 3  | # | n/a | 2,84 | n/a |
| Q16352 | Alpha-internexin  | # | 1,38 | 0,83 | 0,60 |
| Q16629 | Serine/arginine-rich splicing factor 7  | # | n/a | 2,57 | n/a |
| Q16658 | Fascin  | # | n/a | 0,89 | n/a |
| Q16836 | Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial  | # | n/a | 0,81 | n/a |
| Q53GQ0 | Estradiol 17-beta-dehydrogenase 12  | # | n/a | 0,59 | n/a |
| Q53RT3 | Retroviral-like aspartic protease 1  | # | n/a | 0,25 | n/a |
| Q5D862 | Filaggrin-2  | # | n/a | 1,82 | n/a |
| Q5TFQ8 | Signal-regulatory protein beta-1 isoform 3  | # | n/a | 0,64 | n/a |
| Q5VVQ6 | Ubiquitin thioesterase OTU1  | # | n/a | 0,61 | n/a |
| Q6KB66 | Keratin, type II cytoskeletal 80  | # | n/a | 0,43 | n/a |
| Q6PCE3 | Glucose 1,6-bisphosphate synthase  | # | n/a | 0,34 | n/a |
| Q6UWP8 | Suprabasin  | # | n/a | 0,72 | n/a |
| Q6ZN28 | Metastasis-associated in colon cancer protein 1  | # | 0,75 | n/a | n/a |
| Q6ZTR7 | Protein FAM92B  | # | n/a | 1,34 | n/a |
| Q6ZVX7 | F-box only protein 50  | # | n/a | 0,56 | n/a |
| Q7L099 | Protein RUFY3  | # | 0,93 | n/a | n/a |
| Q7Z6G8 | Ankyrin repeat and sterile alpha motif domain-containing protein 1B  | # | n/a | 1,22 | n/a |
| Q7Z7L9 | Zinc finger and SCAN domain-containing protein 2  | # | n/a | 0,41 | n/a |
| Q86VP6 | Cullin-associated NEDD8-dissociated protein 1  | # | 0,50 | n/a | n/a |
| Q86YZ3 | Hornerin  | # | n/a | 1,20 | n/a |
| Q8IYB4 | PEX5-related protein  | # | n/a | 0,64 | n/a |
| Q8IYT4 | Katanin p60 ATPase-containing subunit A-like 2  | # | 0,56 | n/a | n/a |
| Q8N1N4 | Keratin, type II cytoskeletal 78  | # | n/a | 0,64 | n/a |
| Q8N573 | Oxidation resistance protein 1  | # | n/a | 6,87 | n/a |
| Q8NCB2 | CaM kinase-like vesicle-associated protein  | # | 1,46 | n/a | n/a |
| Q8TF72 | Protein Shroom3  | # | 0,35 | 0,35 | 1,00 |
| Q8WVK7 | Spindle and kinetochore-associated protein 2  | # | n/a | 0,56 | n/a |
| Q8WVV4 | Protein POF1B  | # | n/a | 1,12 | n/a |
| Q8WXF1 | Paraspeckle component 1  | # | n/a | 1,00 | n/a |
| Q92499 | ATP-dependent RNA helicase DDX1  | # | n/a | 0,92 | n/a |
| Q92561 | Phytanoyl-CoA hydroxylase-interacting protein  | # | n/a | 0,55 | n/a |
| Q92598 | Heat shock protein 105 kDa  | # | 2,36 | 0,46 | 0,19 |
| Q92599 | Septin-8  | # | n/a | 1,36 | n/a |
| Q92686 | Neurogranin  | # | n/a | 0,78 | n/a |
| Q92752 | Tenascin-R  | # | 1,72 | 1,41 | 0,82 |
| Q92777 | Synapsin-2  | # | n/a | 3,35 | n/a |
| Q93050 | V-type proton ATPase 116 kDa subunit a isoform 1  | # | 1,24 | n/a | n/a |
| Q969P0 | Immunoglobulin superfamily member 8  | # | 0,65 | n/a | n/a |
| Q969V3 | Nicalin  | # | n/a | 3,78 | n/a |
| Q96CW1 | AP-2 complex subunit mu  | # | 0,65 | 1,30 | 2,01 |
| Q96F07 | Cytoplasmic FMR1-interacting protein 2  | # | n/a | 0,65 | n/a |
| Q96GD0 | Pyridoxal phosphate phosphatase  | # | 1,34 | n/a | n/a |
| Q96GW7 | Brevican core protein  | # | 2,20 | n/a | n/a |
| Q96KP4 | Cytosolic non-specific dipeptidase  | # | n/a | 1,52 | n/a |
| Q96P63 | Serpin B12  | # | n/a | 1,21 | n/a |
| Q96QA5 | Gasdermin-A  | # | n/a | 0,49 | n/a |
| Q99460 | 26S proteasome non-ATPase regulatory subunit 1  | # | n/a | 0,55 | n/a |
| Q99536 | Synaptic vesicle membrane protein VAT-1 homolog  | # | n/a | 1,03 | n/a |
| Q99623 | Prohibitin-2  | # | 0,97 | n/a | n/a |
| Q99798 | Aconitate hydratase, mitochondrial  | # | 1,04 | 0,81 | 0,78 |
| Q99962 | Endophilin-A1  | # | 1,47 | 0,58 | 0,39 |
| Q9BPW8 | Protein NipSnap homolog 1  | # | 0,93 | n/a | n/a |
| Q9BQE3 | Tubulin alpha-1C chain  | # | 1,22 | 0,94 | 0,77 |
| Q9BVC6 | Transmembrane protein 109  | # | n/a | 0,28 | n/a |
| Q9BY11 | Protein kinase C and casein kinase substrate in neurons protein 1  | # | 1,81 | 1,65 | 0,91 |
| Q9H0E2 | Toll-interacting protein  | # | 0,71 | n/a | n/a |
| Q9H115 | Beta-soluble NSF attachment protein  | # | 1,73 | 0,87 | 0,50 |
| Q9H1K4 | Mitochondrial glutamate carrier 2  | # | 1,22 | 0,87 | 0,71 |
| Q9H492 | Microtubule-associated proteins 1A/1B light chain 3A  | # | n/a | 1,72 | n/a |
| Q9NQW7 | Xaa-Pro aminopeptidase 1  | # | n/a | 1,24 | n/a |
| Q9NRW1 | Ras-related protein Rab-6B  | # | 0,18 | n/a | n/a |
| Q9NSD9 | Phenylalanine--tRNA ligase beta subunit  | # | n/a | 0,65 | n/a |
| Q9NTU7 | Cerebellin-4  | # | 0,09 | n/a | n/a |
| Q9NVJ2 | ADP-ribosylation factor-like protein 8B  | # | n/a | 0,42 | n/a |
| Q9NYC9 | Dynein heavy chain 9, axonemal  | # | n/a | 0,58 | n/a |
| Q9NZH8 | Interleukin-36 gamma  | # | n/a | 1,46 | n/a |
| Q9P121 | Neurotrimin  | # | 0,38 | n/a | n/a |
| Q9P2K5 | Myelin expression factor 2  | # | n/a | 3,55 | n/a |
| Q9P2R7 | Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial  | # | 0,84 | 1,12 | 1,33 |
| Q9UBB6 | Neurochondrin  | # | n/a | 0,72 | n/a |
| Q9UI12 | V-type proton ATPase subunit H  | # | 1,35 | n/a | n/a |
| Q9ULU8 | Calcium-dependent secretion activator 1  | # | 0,87 | n/a | n/a |
| Q9UMF0 | Intercellular adhesion molecule 5  | # | 0,85 | n/a | n/a |
| Q9UN86 | Ras GTPase-activating protein-binding protein 2  | # | n/a | 1,14 | n/a |
| Q9UPY8 | Microtubule-associated protein RP/EB family member 3  | # | n/a | 0,60 | n/a |
| Q9Y285 | Phenylalanine--tRNA ligase alpha subunit  | # | 0,53 | 0,80 | 1,52 |
| Q9Y2A7 | Nck-associated protein 1  | # | 0,64 | n/a | n/a |
| Q9Y2J2 | Band 4.1-like protein 3  | # | n/a | 0,66 | n/a |
| Q9Y3I0 | tRNA-splicing ligase RtcB homolog  | # | n/a | 0,56 | n/a |
| Q9Y4L1 | Hypoxia up-regulated protein 1  | # | n/a | 0,91 | n/a |
| Q9Y5K8 | V-type proton ATPase subunit D  | # | n/a | 0,36 | n/a |
| Q9Y639 | Neuroplastin  | # | n/a | 0,26 | n/a |
| Q9Y6C2 | EMILIN-1  | # | n/a | 0,39 | n/a |