Supplementary Table S1

Proteins differentially expressed between CKD and control groups

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Spot number | Protein name | UniProt accession number | Mascot Score |
|  | ***Up-regulated proteins*** | | | |
| Common circulating blood proteins | 26, 32 | Apolipoprotein A-IV | P06727 | 121 |
| 34 | Apolipoprotein A-I | P02647 | 57 |
| 51, 52 | Serum albumin | P02768 | 89 |
| Transport and binding proteins | 70 | Vitamin D-binding protein | P02774 | 92 |
| 56 | Amyloid protein-binding protein 2 | Q92624 | 72 |
| Protease inhibitors | 6, 7, 9, 10, 11, 12, 13, 17, 24, 25, 29, 37 | Alpha-1-antitrypsin | P01009 | 73 |
| 68 | Antithrombin-III | P01008 | 64 |
| Еnzymes | 14 | Glutaredoxin-1 | P35754 | 60 |
| 31 | Ribosomal protein S6 kinase delta-1 | Q96S38 | 63 |
| 44 | m7GpppX diphosphatase | Q96C86 | 62 |
| 63 | Serine/threonine-protein phosphatase with EF-hands 2 | O14830 | 62 |
| 69 | Protein kinase C epsilon type | Q02156 | 60 |
| Channel and receptor-derived proteins | 33 | Kv channel-interacting protein 1 | Q9NZI2 | 62 |
| 60 | Ras GTPase-activating protein 4 | O43374 | 58 |
| 75 | Stromal interaction molecule 2 | Q9P246 | 56 |
| Transcription regulators | 18 | LIM domain transcription factor LMO4 | P61968 | 56 |
| 19 | Zinc finger protein 567 | Q8N184 | 56 |
| 38 | NF-kappa-B-repressing factor | O15226 | 56 |
| 62 | LIM and cysteine-rich domains protein 1 | Q9NZU5 | 60 |
| 64 | Breast cancer metastasis-suppressor 1 | Q9HCU9 | 57 |
| 65 | Zinc finger protein 623 | O75123 | 58 |
| 71, 72 | BCL-6 corepressor | Q6W2J9 | 61 |
| 74 | SRA stem-loop-interacting RNA-binding protein, mitochondrial | Q9GZT3 | 63 |
| Miscellaneous (structural, nuclear, etc.) | 8 | Villin-1 | P09327 | 56 |
| 9 | Cullin-5 | Q93034 | 67 |
| 16 | Tetratricopeptide repeat protein 38 | Q5R3I4 | 64 |
| 5 | Antigen KI-67 | P46013 | 60 |
| 35 | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 | O60264 | 67 |
| 36 | Vimentin | P08670 | 57 |
| 57 | F-box only protein 32 | Q969P5 | 61 |
| 58 | Coiled-coil domain-containing protein 171 | Q6TFL3 | 59 |
| 61, 67 | Cytoskeleton-associated protein 2-like | Q8IYA6 | 56 |
| 15 | Immunoglobulin superfamily member 22 | Q8N9C0 | 60 |
| 66 | Pericentriolar material 1 protein | Q15154 | 57 |
| 78 | NSFL1 cofactor p47 | Q9UNZ2 | 63 |
| 79 | Armadillo repeat-containing X-linked protein 1 | Q9P291 | 58 |
| ***Down-regulated proteins*** | | | | |
| Common circulating blood proteins | 20, 21, 22, 23 | Apolipoprotein A-IV | P06727 | 228 |
| 42, 43, 53 | Vitronectin | P04004 | 61 |
| 2, 50 | Serum albumin | P02768 | 99 |
| Сomplement factors | 47 | Complement C4a | P0C0L4 | 56 |
| Protease inhibitors | 41 | Antithrombin-III | P01008 | 123 |
| Enzymes | 73 | 1-phosphatidylinositol 3-phosphate 5-kinase | Q9Y2I7 | 57 |
| 39 | Plasminogen | P00747 | 60 |
| 54 | Phospholipase B1, membrane-associated | Q6P1J6 | 63 |
| Cytokines | 76 | Interleukin-6 | P05231 | 57 |
| Channel and receptor-derived proteins | 48 | Chloride intracellular channel protein 1 | O00299 | 58 |
| Transcription regulators | 28 | Aryl hydrocarbon receptor repressor | A9YTQ3 | 57 |
| 59 | LIM domain transcription factor LMO4 | P61968 | 65 |
| Transport proteins | 77 | Ras-related protein Rab-8A | P61006 | 58 |
| Miscellaneous (structural, nuclear, etc.) | 1 | Coiled-coil domain-containing protein 43 | Q96MW1 | 61 |
| 2 | Cytoskeleton-associated protein 2-like | Q8IYA6 | 65 |
| 3 | HAUS augmin-like complex subunit 6 | Q7Z4H7 | 56 |
| 4 | Putative endoplasmin-like protein | Q58FF3 | 60 |
| 27 | Uncharacterized protein CXorf23 | A2AJT9 | 67 |
| 39 | T-complex protein 1 subunit delta | P50991 | 71 |
| 40 | Ret finger protein-like 4A | A6NLU0 | 58 |
| 45 | Small ubiquitin-related modifier 3 | P55854 | 58 |
| 46 | 40S ribosomal protein S10 | P46783 | 58 |
| 49 | Protein TANC1 | Q9C0D5 | 58 |
| 55 | Coiled-coil domain-containing protein 171 | Q6TFL3 | 64 |