

## CHENZHIQI\_S1\_032022

| Hits | Protein Mass | No. of Peptide | Sequence Header                                                                                                                            | Link                   | Relative Abundance | Probability | Score | SI    | AA No   | SIn*1E6   | No. of Unique Peptide |
|------|--------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|-------------|-------|-------|---------|-----------|-----------------------|
| 1    | 66096.9      | 14             | >sp Q07065 CKAP4_HUMAN<br>Cytoskeleton-associated protein 4<br>OS=Homo sapiens GN=CKAP4 PE=1 SV=2                                          | <a href="#">Q07065</a> | 16.4%              | 99.0%       | 209   | 60349 | 602.00  | 236.87415 | 13                    |
| 2    | 74379.9      | 12             | >sp P02545 LMNA_HUMAN Prelamin-A/C<br>OS=Homo sapiens GN=LMNA PE=1 SV=1                                                                    | <a href="#">P02545</a> | 13.1%              | 99.0%       | 189   | 52936 | 664.00  | 188.37667 | 10                    |
| 4    | 71244.3      | 11             | >sp P02769 ALBU_BOVIN Serum albumin<br>OS=Bos taurus GN=ALB PE=1 SV=4                                                                      | <a href="#">P02769</a> | 9.1%               | 99.0%       | 138   | 33690 | 607.00  | 131.14641 | 7                     |
| 5    | 53676.2      | 9              | >sp P08670 VIME_HUMAN Vimentin<br>OS=Homo sapiens GN=VIM PE=1 SV=1                                                                         | <a href="#">P08670</a> | 8.2%               | 99.0%       | 122   | 23386 | 466.00  | 118.58073 | 8                     |
| 16   | 83554.3      | 2              | >sp P08238 HS90B_HUMAN Heat shock protein HSP 90-beta<br>OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4                                             | <a href="#">P08238</a> | 7.0%               | 97.5%       | 23    | 30885 | 724.00  | 100.79828 | 2                     |
| 6    | 76991.6      | 9              | >sp P0CG48 UBC_HUMAN Polyubiquitin-C<br>OS=Homo sapiens GN=UBC PE=1 SV=3                                                                   | <a href="#">P0CG48</a> | 6.9%               | 87.9%       | 126   | 28944 | 685.00  | 99.841721 | 1                     |
| 7    | 71082.4      | 4              | >sp P11142 HSP7C_HUMAN Heat shock cognate 71 kDa protein<br>OS=Homo sapiens GN=HSPA8 PE=1 SV=1                                             | <a href="#">P11142</a> | 4.6%               | 99.0%       | 57    | 18042 | 646.00  | 65.992752 | 4                     |
| 3    | 227645       | 11             | >sp P35579 MYH9_HUMAN Myosin-9<br>OS=Homo sapiens GN=MYH9 PE=1 SV=4                                                                        | <a href="#">P35579</a> | 4.5%               | 99.0%       | 173   | 53356 | 1960.00 | 64.323738 | 11                    |
| 10   | 51229.5      | 4              | >sp P61978 HNRPK_HUMAN Heterogeneous nuclear ribonucleoprotein K<br>OS=Homo sapiens GN=HNRNPK PE=1 SV=1                                    | <a href="#">P61978</a> | 4.4%               | 99.0%       | 60    | 12399 | 463.00  | 63.277563 | 4                     |
| 11   | 68641        | 3              | >sp P04843 RPN1_HUMAN Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1<br>OS=Homo sapiens GN=RPN1 PE=1 SV=1        | <a href="#">P04843</a> | 3.8%               | 99.0%       | 39    | 14172 | 607.00  | 55.16791  | 3                     |
| 14   | 42051.9      | 2              | >sp P60709 ACTB_HUMAN Actin, cytoplasmic 1<br>OS=Homo sapiens GN=ACTB PE=1 SV=1                                                            | <a href="#">P60709</a> | 3.7%               | 97.8%       | 25    | 8428  | 375.00  | 53.105235 | 2                     |
| 26   | 48311.3      | 1              | >sp Q07666 KHDR1_HUMAN KH domain-containing, RNA-binding, signal transduction-associated protein 1<br>OS=Homo sapiens GN=KHDRBS1 PE=1 SV=1 | <a href="#">Q07666</a> | 2.3%               | 91.9%       | 15    | 6262  | 443.00  | 33.400534 | 1                     |
| 19   | 70019.7      | 2              | >sp Q03252 LMNB2_HUMAN Lamin-B2<br>OS=Homo sapiens GN=LMNB2 PE=1 SV=4                                                                      | <a href="#">Q03252</a> | 2.3%               | 98.0%       | 24    | 8541  | 620.00  | 32.550758 | 2                     |
| 12   | 69618        | 3              | >sp P17844 DDX5_HUMAN Probable ATP-dependent RNA helicase DDX5<br>OS=Homo sapiens GN=DDX5 PE=1 SV=1                                        | <a href="#">P17844</a> | 1.9%               | 99.0%       | 36    | 7220  | 614.00  | 27.78516  | 3                     |
| 9    | 133291       | 4              | >sp P07996 TSP1_HUMAN Thrombospondin-1<br>OS=Homo sapiens GN=THBS1 PE=1 SV=2                                                               | <a href="#">P07996</a> | 1.8%               | 99.0%       | 50    | 13196 | 1170.00 | 26.650203 | 4                     |
| 18   | 60053.7      | 2              | >sp Q9Y2X3 NOP58_HUMAN Nucleolar protein 58<br>OS=Homo sapiens GN=NOP58 PE=1 SV=1                                                          | <a href="#">Q9Y2X3</a> | 1.6%               | 98.4%       | 26    | 5302  | 529.00  | 23.682532 | 2                     |
| 17   | 61293.8      | 2              | >sp Q9NZN4 EHD2_HUMAN EH domain-containing protein 2<br>OS=Homo sapiens GN=EHD2 PE=1 SV=2                                                  | <a href="#">Q9NZN4</a> | 1.5%               | 96.7%       | 22    | 4880  | 543.00  | 21.235577 | 2                     |
| 24   | 114322       | 1              | >sp O75150 BRE1B_HUMAN E3 ubiquitin-protein ligase BRE1B<br>OS=Homo sapiens GN=RNRF40 PE=1 SV=1                                            | <a href="#">O75150</a> | 1.2%               | 88.4%       | 13    | 7081  | 1001.00 | 16.714931 | 1                     |
| 22   | 63897.8      | 1              | >sp P21589 5NTD_HUMAN 5'-nucleotidase<br>OS=Homo sapiens GN=NT5E PE=1 SV=1                                                                 | <a href="#">P21589</a> | 1.1%               | 86.1%       | 13    | 3962  | 574.00  | 16.309726 | 1                     |
| 15   | 76167.8      | 2              | >sp P08133 ANXA6_HUMAN Annexin A6<br>OS=Homo sapiens GN=ANXA6 PE=1 SV=3                                                                    | <a href="#">P08133</a> | 1.0%               | 98.8%       | 26    | 4046  | 673.00  | 14.205447 | 2                     |

|    |         |   |                                                                                                                   |                            |      |       |    |       |         |           |   |
|----|---------|---|-------------------------------------------------------------------------------------------------------------------|----------------------------|------|-------|----|-------|---------|-----------|---|
| 23 | 61364.7 | 1 | >sp Q9H223 EHD4_HUMAN EH domain-containing protein 4 OS=Homo sapiens GN=EHD4 PE=1 SV=1                            | <a href="#">Q9H223</a>     | 0.9% | 94.8% | 18 | 3012  | 541.00  | 13.155331 | 1 |
| 21 | 103563  | 1 | >sp P12814 ACTN1_HUMAN Alpha-actinin-1 OS=Homo sapiens GN=ACTN1 PE=1 SV=2                                         | <a href="#">P12814</a>     | 0.9% | 92.5% | 16 | 4811  | 892.00  | 12.744259 | 1 |
| 8  | 262638  | 4 | >tr A0A024R462 A0A024R462_HUMAN Fibronectin 1, isoform CRA_n OS=Homo sapiens GN=FN1 PE=4                          | <a href="#">A0A024R462</a> | 0.8% | 99.0% | 52 | 11984 | 2355.00 | 12.024166 | 4 |
| 20 | 70881.2 | 1 | >sp Q13492 PICAL_HUMAN Phosphatidylinositol-binding clathrin assembly protein OS=Homo sapiens GN=PICALM PE=1 SV=2 | <a href="#">Q13492</a>     | 0.7% | 82.7% | 12 | 2953  | 652.00  | 10.701876 | 1 |
| 13 | 280154  | 2 | >sp O75369 FLNB_HUMAN Filamin-B OS=Homo sapiens GN=FLNB PE=1 SV=2                                                 | <a href="#">O75369</a>     | 0.2% | 96.9% | 21 | 2534  | 2602.00 | 2.3011419 | 2 |
| 25 | 124292  | 1 | >sp P18206 VINC_HUMAN Vinculin OS=Homo sapiens GN=VCL PE=1                                                        | <a href="#">P18206</a>     | 0.1% | 87.3% | 13 | 839   | 1134.00 | 1.7482075 | 1 |

#### CHENZIQL\_S2\_032022

| Hits | Protein Mr | No. of | Sequence Header                                                                                        | Link                   | Relative | Probabi | Score | SI    | AA No  | SIn*1E6   | No. of Unique Peptide |
|------|------------|--------|--------------------------------------------------------------------------------------------------------|------------------------|----------|---------|-------|-------|--------|-----------|-----------------------|
| 2    | 53676.2    | 22     | >sp P08670 VIME_HUMAN Vimentin OS=Homo sapiens GN=VIM PE=1                                             | <a href="#">P08670</a> | 21.7%    | 99.0%   | 324   | 3E+05 | 466.00 | 429.0539  | 16                    |
| 1    | 71244.3    | 26     | >sp P02769 ALBU_BOVIN Serum albumin OS=Bos taurus GN=ALB PE=1 SV=4                                     | <a href="#">P02769</a> | 15.7%    | 99.0%   | 339   | 3E+05 | 607.00 | 310.58607 | 16                    |
| 3    | 46525.3    | 18     | >sp P50454 SERPH_HUMAN Serpin H1 OS=Homo sapiens GN=SERPINH1 PE=1 SV=2                                 | <a href="#">P50454</a> | 11.4%    | 99.0%   | 240   | 1E+05 | 418.00 | 224.02695 | 13                    |
| 13   | 48283      | 5      | >sp Q8NBS9 TXND5_HUMAN Thioredoxin domain-containing protein 5 OS=Homo sapiens GN=TXNDC5 PE=1 SV=2     | <a href="#">Q8NBS9</a> | 6.6%     | 99.0%   | 70    | 75445 | 432.00 | 129.98015 | 5                     |
| 5    | 42051.9    | 12     | >sp P60709 ACTB_HUMAN Actin, cytoplasmic 1 OS=Homo sapiens GN=ACTB PE=1 SV=1                           | <a href="#">P60709</a> | 5.9%     | 99.0%   | 159   | 58292 | 375.00 | 115.69325 | 7                     |
| 36   | 46441.1    | 1      | >sp Q14032 BAAT_HUMAN Bile acid-CoA:amino acid N-acyltransferase OS=Homo sapiens GN=BAAT PE=1 SV=1     | <a href="#">Q14032</a> | 4.8%     | 85.5%   | 13    | 52696 | 418.00 | 93.827835 | 1                     |
| 4    | 59908.4    | 14     | >tr L8B4I8 L8B4I8_HUMAN Ubiquitin C OS=Homo sapiens GN=Ubc PE=4                                        | <a href="#">L8B4I8</a> | 3.2%     | 98.4%   | 182   | 44688 | 533.00 | 62.401357 | 2                     |
| 10   | 59827.7    | 8      | >sp P25705 ATPA_HUMAN ATP synthase subunit alpha, mitochondrial OS=Homo sapiens GN=ATP5A1 PE=1 SV=1    | <a href="#">P25705</a> | 3.1%     | 99.0%   | 129   | 45210 | 553.00 | 60.847075 | 7                     |
| 9    | 83554.3    | 9      | >sp P08238 HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4            | <a href="#">P08238</a> | 2.5%     | 99.0%   | 96    | 47845 | 724.00 | 49.184507 | 5                     |
| 11   | 56524.7    | 7      | >sp P06576 ATPB_HUMAN ATP synthase subunit beta, mitochondrial OS=Homo sapiens GN=ATP5B PE=1 SV=3      | <a href="#">P06576</a> | 2.4%     | 99.0%   | 104   | 33085 | 529.00 | 46.548511 | 7                     |
| 7    | 45088.1    | 10     | >sp P05121 PAI1_HUMAN Plasminogen activator inhibitor 1 OS=Homo sapiens GN=SERPINE1                    | <a href="#">P05121</a> | 2.3%     | 99.0%   | 123   | 24089 | 402.00 | 44.598787 | 6                     |
| 22   | 50495.3    | 3      | >sp Q5VTE0 EF1A3_HUMAN Putative elongation factor 1-alpha-like 3 OS=Homo sapiens GN=EEF1A1P5 PE=5 SV=1 | <a href="#">Q5VTE0</a> | 2.1%     | 99.0%   | 51    | 26275 | 462.00 | 42.328324 | 3                     |
| 14   | 50787.9    | 4      | >sp Q71U36 TBA1A_HUMAN Tubulin alpha-1A chain OS=Homo sapiens GN=TUBA1A PE=1 SV=1                      | <a href="#">Q71U36</a> | 1.9%     | 99.0%   | 58    | 23132 | 451.00 | 38.173939 | 4                     |
| 8    | 74379.9    | 9      | >sp P02545 LMNA_HUMAN Prelamin-A/C OS=Homo sapiens GN=LMNA PE=1 SV=1                                   | <a href="#">P02545</a> | 1.7%     | 99.0%   | 132   | 30741 | 664.00 | 34.45722  | 9                     |
| 12   | 47481.5    | 6      | >sp P06733 ENOA_HUMAN Alpha-enolase OS=Homo sapiens GN=ENO1 PE=1 SV=2                                  | <a href="#">P06733</a> | 1.5%     | 99.0%   | 68    | 16858 | 434.00 | 28.909904 | 6                     |

|    |         |    |                                                                                                                                                                           |                            |      |       |     |       |         |           |    |
|----|---------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------|-------|-----|-------|---------|-----------|----|
|    |         |    | >sp P07437 TBB5_HUMAN Tubulin<br>beta chain OS=Homo sapiens                                                                                                               |                            |      |       |     |       |         |           |    |
| 17 | 50095.2 | 3  | GN=TUBB PE=1 SV=2<br>>sp P60842 IF4A1_HUMAN Eukaryotic<br>initiation factor 4A-I OS=Homo sapiens                                                                          | <a href="#">P07437</a>     | 1.4% | 99.0% | 40  | 16899 | 444.00  | 28.327508 | 3  |
| 18 | 46352.7 | 3  | GN=EIF4A1 PE=1 SV=1<br>>sp P31943 HNRH1_HUMAN<br>Heterogeneous nuclear<br>ribonucleoprotein H OS=Homo sapiens                                                             | <a href="#">P60842</a>     | 1.4% | 99.0% | 49  | 15022 | 406.00  | 27.537978 | 3  |
| 30 | 49483.5 | 2  | GN=HNRNPH1 PE=1 SV=4<br>>sp P26641 EF1G_HUMAN Elongation<br>factor 1-gamma OS=Homo sapiens                                                                                | <a href="#">P31943</a>     | 1.3% | 99.0% | 38  | 14908 | 449.00  | 24.711743 | 2  |
| 19 | 50429.3 | 3  | GN=EEF1G PE=1 SV=3<br>>tr F8W914 F8W914_HUMAN<br>Reticulon OS=Homo sapiens                                                                                                | <a href="#">P26641</a>     | 1.2% | 99.0% | 37  | 13487 | 437.00  | 22.970172 | 3  |
| 24 | 37178.4 | 2  | GN=RTN4 PE=1 SV=1<br>>sp Q15084 PDIA6_HUMAN Protein<br>disulfide-isomerase A6 OS=Homo                                                                                     | <a href="#">F8W914</a>     | 1.0% | 99.0% | 30  | 9460  | 345.00  | 20.40809  | 2  |
| 15 | 48490.4 | 3  | sapiens GN=PDIA6 PE=1 SV=1<br>>sp P35579 MYH9_HUMAN Myosin-9<br>OS=Homo sapiens GN=MYH9 PE=1                                                                              | <a href="#">Q15084</a>     | 1.0% | 99.0% | 55  | 11758 | 440.00  | 19.888916 | 3  |
| 6  | 227645  | 11 | SV=4<br>>sp P50395 GDIB_HUMAN Rab GDP<br>dissociation inhibitor beta OS=Homo                                                                                              | <a href="#">P35579</a>     | 0.9% | 99.0% | 184 | 47238 | 1960.00 | 17.937659 | 11 |
| 16 | 51087.1 | 3  | sapiens GN=GDI2 PE=1 SV=2<br>>sp P39656 OST48_HUMAN Dolichyl-<br>diphosphooligosaccharide--protein<br>glycosyltransferase 48 kDa subunit<br>OS=Homo sapiens GN=DDOST PE=1 | <a href="#">P50395</a>     | 0.6% | 99.0% | 40  | 7482  | 445.00  | 12.513766 | 3  |
| 21 | 50940.1 | 3  | SV=4<br>>sp Q00148 DX39A_HUMAN ATP-<br>dependent RNA helicase DDX39A<br>OS=Homo sapiens GN=DDX39A PE=1                                                                    | <a href="#">P39656</a>     | 0.6% | 99.0% | 45  | 7117  | 456.00  | 11.616156 | 3  |
| 31 | 49611.2 | 2  | SV=2<br>>sp P07355 ANXA2_HUMAN Annexin<br>A2 OS=Homo sapiens GN=ANXA2                                                                                                     | <a href="#">Q00148</a>     | 0.5% | 98.0% | 24  | 5366  | 427.00  | 9.3530471 | 2  |
| 39 | 38807.9 | 1  | PE=1 SV=2<br>>sp Q12931 TRAP1_HUMAN Heat<br>shock protein 75 kDa, mitochondrial                                                                                           | <a href="#">P07355</a>     | 0.4% | 86.9% | 13  | 3571  | 339.00  | 7.8400797 | 1  |
| 32 | 80344.9 | 1  | OS=Homo sapiens GN=TRAP1 PE=1<br>>sp Q07065 CKAP4_HUMAN<br>Cytoskeleton-associated protein 4<br>OS=Homo sapiens GN=CKAP4 PE=1                                             | <a href="#">Q12931</a>     | 0.4% | 94.5% | 18  | 7023  | 704.00  | 7.4247244 | 1  |
| 35 | 66096.9 | 1  | SV=2<br>>sp P62495 ERF1_HUMAN Eukaryotic<br>peptide chain release factor subunit 1<br>OS=Homo sapiens GN=ETF1 PE=1                                                        | <a href="#">Q07065</a>     | 0.3% | 87.9% | 14  | 5487  | 602.00  | 6.7837338 | 1  |
| 33 | 49228.3 | 1  | SV=3<br>>sp P11021 GRP78_HUMAN 78 kDa<br>glucose-regulated protein OS=Homo                                                                                                | <a href="#">P62495</a>     | 0.3% | 85.3% | 12  | 3796  | 437.00  | 6.4650977 | 1  |
| 28 | 72402.5 | 2  | sapiens GN=HSPA5 PE=1 SV=2<br>>sp P12814 ACTN1_HUMAN Alpha-<br>actinin-1 OS=Homo sapiens                                                                                  | <a href="#">P11021</a>     | 0.3% | 99.0% | 32  | 5575  | 654.00  | 6.3445007 | 2  |
| 27 | 103563  | 2  | GN=ACTN1 PE=1 SV=2<br>>sp P11142 HSP7C_HUMAN Heat<br>shock cognate 71 kDa protein                                                                                         | <a href="#">P12814</a>     | 0.3% | 99.0% | 32  | 6824  | 892.00  | 5.6938299 | 2  |
| 29 | 71082.4 | 2  | OS=Homo sapiens GN=HSPA8 PE=1<br>>sp O60664 PLIN3_HUMAN Perilipin-3<br>OS=Homo sapiens GN=PLIN3 PE=1                                                                      | <a href="#">P11142</a>     | 0.3% | 99.0% | 30  | 4929  | 646.00  | 5.6788007 | 2  |
| 23 | 47217   | 2  | SV=3<br>>sp Q8IVF7 FMNL3_HUMAN Formin-<br>like protein 3 OS=Homo sapiens                                                                                                  | <a href="#">O60664</a>     | 0.3% | 98.6% | 28  | 3176  | 434.00  | 5.446545  | 2  |
| 26 | 118051  | 2  | GN=FMNL3 PE=1 SV=3<br>>sp P07996 TSP1_HUMAN<br>Thrombospondin-1 OS=Homo sapiens                                                                                           | <a href="#">Q8IVF7</a>     | 0.3% | 78.9% | 20  | 7453  | 1028.00 | 5.3959552 | 1  |
| 25 | 133291  | 2  | GN=THBS1 PE=1 SV=2<br>>sp Q15427 SF3B4_HUMAN Splicing<br>factor 3B subunit 4 OS=Homo sapiens                                                                              | <a href="#">P07996</a>     | 0.1% | 98.4% | 26  | 4638  | 1170.00 | 2.9503614 | 2  |
| 34 | 44414.2 | 1  | GN=SF3B4 PE=1 SV=1<br>>tr A0A024R462 A0A024R462_HUMA<br>N Fibronectin 1, isoform CRA_n                                                                                    | <a href="#">Q15427</a>     | 0.1% | 82.7% | 12  | 1477  | 424.00  | 2.5926564 | 1  |
| 20 | 262638  | 3  | OS=Homo sapiens GN=FN1 PE=4                                                                                                                                               | <a href="#">A0A024R462</a> | 0.1% | 99.0% | 42  | 8139  | 2355.00 | 2.5722339 | 3  |

|    |        |   |                                                                 |                        |      |       |    |      |         |           |   |
|----|--------|---|-----------------------------------------------------------------|------------------------|------|-------|----|------|---------|-----------|---|
| 37 | 280154 | 1 | SV=2                                                            | <a href="#">O75369</a> | 0.1% | 87.1% | 13 | 3906 | 2602.00 | 1.1172626 | 1 |
|    |        |   | >sp O75369 FLNB_HUMAN Filamin-B<br>OS=Homo sapiens GN=FLNB PE=1 |                        |      |       |    |      |         |           |   |
| 38 | 229826 | 1 | PE=1 SV=3                                                       | <a href="#">P35580</a> | 0.1% | 90.4% | 16 | 2752 | 1976.00 | 1.0365537 | 1 |
|    |        |   | >sp P35580 MYH10_HUMAN Myosin-10<br>OS=Homo sapiens GN=MYH10    |                        |      |       |    |      |         |           |   |