

Supplemental Table S1B . Proteins identified in wt DT40 affinity purifications using FLAG, TALON, Calmodulin and IgG sepharose affinity resins.

| ID | Protein Description | Affinity resin | | | | GO Annotation | | | Mascot score | | | | Unique peptides | | | |
|--------|--|----------------|-------|-----|-----|-------------------|-----------------|------------|--------------|-------|-----|-----|-----------------|-------|-----|-----|
| | | FLAG | TALON | Cal | IgG | Cell component | Bio. Process | Mol. | FLAG | TALON | Cal | IgG | FLAG | TALON | Cal | IgG |
| Q90593 | 78 kDa glucose-regulated protein | 1 | 1 | 1 | 1 | cs,mb,er,cp,ol,gc | cx,cob,mp,reg,r | protein | 2332 | 610 | 34 | 23 | 34 | 13 | 5 | 3 |
| P08106 | Heat shock 70 kDa protein | 1 | 1 | 1 | 1 | cs | cob,res | protein | 909 | 523 | 34 | 23 | 15 | 12 | 6 | 4 |
| P51913 | Alpha-enolase | 1 | 1 | 1 | 1 | cp,cl | mp | metal ion | 614 | 1115 | 654 | 136 | 12 | 17 | 13 | 10 |
| Q90835 | Elongation factor 1-alpha 1 | 1 | 1 | 1 | 1 | cp | mp | protein | 341 | 503 | 40 | 205 | 14 | 11 | 8 | 9 |
| Q6PVZ3 | Type II alpha-keratin IIC | 1 | 1 | 1 | 1 | ck | | structural | 298 | 373 | 361 | 378 | 13 | 8 | 11 | 10 |
| Q6PVZ5 | Type II alpha-keratin IIA | 1 | 1 | 1 | 1 | ck | | motor | 270 | 320 | 272 | 298 | 13 | 9 | 9 | 7 |
| O93532 | Keratin, type II cytoskeletal cochlear | 1 | 1 | 1 | 1 | ck | | structural | 264 | 340 | 275 | 317 | 11 | 11 | 8 | 11 |
| P00340 | L-lactate dehydrogenase A chain | 1 | 1 | 1 | 1 | cp,cl | mp | nucleotide | 262 | 376 | 144 | 314 | 4 | 7 | 3 | 5 |
| Q5ZHW8 | Uncharacterized protein | 1 | 1 | 1 | 1 | mt,cp,rb,ol,cl,nu | mp,reg | RNA | 212 | 200 | 48 | 82 | 5 | 3 | 1 | 3 |
| P00548 | Pyruvate kinase muscle isozyme | 1 | 1 | 1 | 1 | cp,cl | mp | metal ion | 204 | 271 | 129 | 179 | 5 | 10 | 10 | 6 |
| O93256 | Keratin, type I cytoskeletal 19 | 1 | 1 | 1 | 1 | ck | | motor | 164 | 147 | 195 | 70 | 8 | 6 | 5 | 2 |
| E1BY89 | Uncharacterized protein | 1 | 1 | 1 | 1 | cp,rb,ol,cl,nu | mp | structural | 121 | 132 | 43 | 41 | 3 | 3 | 3 | 3 |
| POC1H4 | Histone H2B 5 | 1 | 1 | 1 | 1 | ch,nu | cob,mp | DNA | 120 | 144 | 320 | 720 | 3 | 6 | 6 | 8 |
| Q6PVZ4 | Type II alpha-keratin IIB | 1 | 1 | 1 | 1 | ck | | motor | 118 | 225 | 209 | 215 | 8 | 5 | 8 | 5 |
| H9KZP2 | similar to cytokeratin 8 | 1 | 1 | 1 | 1 | ck | | motor | 114 | 171 | 160 | 163 | 6 | 4 | 5 | 4 |
| P00356 | glyceraldehyde-3-phosphate | 1 | 1 | 1 | 1 | | mp | catalytic | 92 | 343 | 41 | 141 | 7 | 7 | 5 | 8 |
| P07322 | Beta-enolase | 1 | 1 | 1 | 1 | cp,cl | mp | metal ion | 85 | 166 | 211 | 80 | 1 | 2 | 2 | 3 |
| Q5ZLN1 | Phosphoglycerate mutase 1 | 1 | 1 | 1 | 1 | cp,cl | mp | catalytic | 71 | 43 | 61 | 56 | 3 | 2 | 2 | 2 |
| Q6PVZ2 | Type I alpha-keratin 15 | 1 | 1 | 1 | 1 | ck | | structural | 60 | 51 | 51 | 40 | 8 | 6 | 12 | 5 |
| F1NDP0 | Keratin, type I cytoskeletal 14 | 1 | 1 | 1 | 1 | ck | | structural | 53 | 47 | 39 | 40 | 5 | 8 | 4 | 2 |
| P62801 | Histone H4 | 1 | 1 | 1 | 1 | ch,nu | dev,cob,mp,reg | DNA | 52 | 177 | 278 | 482 | 5 | 5 | 6 | 6 |
| Q5ZMD6 | Histone H2A.Z | 1 | 1 | 1 | 1 | ch,nu | cob,mp | DNA | 39 | 50 | 69 | 106 | 5 | 2 | 3 | 4 |
| D0EKR3 | Peptidyl-prolyl cis-trans isomerase | 1 | 1 | 1 | 1 | | mp | catalytic | 36 | 136 | 113 | 120 | 3 | 6 | 6 | 6 |
| P60706 | Actin, cpic 1 | 1 | | 1 | 1 | ck,cp | | nucleotide | 1214 | | 237 | 460 | 16 | 0 | 10 | 13 |
| P09203 | Tubulin beta-1 chain | 1 | 1 | | 1 | ck,cp | cob,mp,ccm | nucleotide | 761 | 505 | | 40 | 16 | 11 | 0 | 3 |
| P02552 | Tubulin alpha-1C chain | 1 | 1 | | 1 | | cob,mp | nucleotide | 749 | 268 | | 34 | 7 | 8 | 0 | 3 |
| P08070 | Tubulin alpha-2 chain | 1 | 1 | 1 | | ck,cp | cob,mp,ccm | nucleotide | 657 | 150 | 32 | | 9 | 6 | 1 | 0 |
| P68034 | Actin, alpha cardiac muscle 1 | 1 | 1 | 1 | | ck,cp | cx,cob,mp,ccm | protein | 450 | 571 | 200 | | 10 | 13 | 8 | 0 |
| Q8UWG7 | 60S ribosomal protein L6 | 1 | 1 | | 1 | cp,rb,cl | mp | structural | 418 | 136 | | 23 | 11 | 9 | 0 | 2 |
| P09653 | Tubulin beta-5 chain | 1 | 1 | | 1 | ck,cp | cob,mp,ccm | nucleotide | 395 | 138 | | 40 | 12 | 7 | 0 | 3 |
| Q6EE60 | 60S ribosomal protein L18 | 1 | 1 | 1 | | cp,rb | mp | structural | 350 | 328 | 36 | | 9 | 5 | 4 | 0 |
| O57391 | Gamma-enolase | 1 | 1 | 1 | | cp,cl | mp | metal ion | 238 | 295 | 275 | | 3 | 5 | 4 | 0 |
| Q5ZL72 | 60 kDa heat shock protein, | 1 | 1 | 1 | | ex,cs,mb,mt,cp, | cx,cp,mp,reg,re | protein | 209 | 281 | 26 | | 6 | 12 | 3 | 0 |
| Q8JFP1 | Eukaryotic initiation factor 4A-II | 1 | 1 | | 1 | | mp | RNA | 178 | 172 | | 74 | 5 | 5 | 0 | 4 |
| P61355 | 60S ribosomal protein L27 | 1 | 1 | | 1 | cp,rb,cl | mp | structural | 141 | 41 | | 34 | 5 | 3 | 0 | 1 |
| Q98TF8 | 60S ribosomal protein L22 | 1 | 1 | 1 | | cp,rb | mp | structural | 139 | 193 | 56 | | 3 | 3 | 2 | 0 |
| Q5ZLC5 | ATP synthase subunit beta, | 1 | 1 | | 1 | mb,mt,cp | dev,tp,mp,reg, | tper | 129 | 277 | | 62 | 7 | 9 | 0 | 3 |

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|---------|---------------------------------------|---|---|---|-----------------|-----------------|------------|------------|-----|----|-----|----|----|---|----|---|
| P63247 | Guanine nucleotide-binding protein | 1 | 1 | 1 | mb,cp,nu | cx,dev,cob,tp, | protein | 120 | 43 | | 29 | 4 | 6 | 0 | 4 | |
| Q03853 | Gag protein | 1 | 1 | 1 | | mp | metal ion | 63 | 305 | 90 | | 12 | 9 | 6 | 0 | |
| Q5ZKC9 | 14-3-3 protein zeta | 1 | 1 | 1 | mt,cp,nu | tp | protein | 48 | 107 | 35 | | 3 | 5 | 2 | 0 | |
| P14732 | Lamin-B2 | 1 | 1 | 1 | ck,mb,nu | mp,reg | motor | 46 | 32 | | 37 | 5 | 9 | 0 | 5 | |
| Q6ITC7 | 40S ribosomal protein S13 | 1 | 1 | 1 | cp,rb,ol,nu,cl | mp,reg | RNA | 43 | 75 | 23 | | 3 | 2 | 1 | 0 | |
| P09654 | Vimentin | 1 | 1 | 1 | ck,mb,cp | cob,mp,reg | protein | 39 | 47 | 48 | | 6 | 9 | 5 | 0 | |
| E1BU66 | Uncharacterized protein | 1 | 1 | 1 | cp,rb,cl | mp | structural | 37 | 62 | | 39 | 3 | 4 | 0 | 1 | |
| F6R1X6 | Sjogren syndrome antigen B | 1 | 1 | 1 | | | | 36 | 105 | | 47 | 6 | 8 | 0 | 4 | |
| Q5F411 | Uncharacterized protein | 1 | 1 | 1 | ck,cp,ol,nu,cl | mp | protein | 34 | 92 | | 42 | 1 | 9 | 0 | 3 | |
| P51903 | Phosphoglycerate kinase | 1 | 1 | 1 | cp,ch,cl | mp | nucleotide | 31 | 74 | | 28 | 3 | 8 | 0 | 5 | |
| F1NF88 | phosphatase and actin regulator 3 | 1 | 1 | 1 | | | | 26 | 32 | | 29 | 3 | 5 | 0 | 3 | |
| P11533 | Dystrophin | 1 | 1 | 1 | ck,mb,cp | | protein | 24 | 24 | | 24 | 14 | 10 | 0 | 12 | |
| Q5ZLX5 | similar to RAN-binding protein 2-like | 1 | 1 | 1 | | tp | | 23 | 41 | 25 | | 2 | 4 | 2 | 0 | |
| F1N9H4 | elongation factor 1 alpha 2 | | 1 | 1 | 1 | | nucleotide | | 419 | 40 | 158 | 0 | 7 | 6 | 7 | |
| Q03852 | Gag protein | | 1 | 1 | 1 | mp | metal ion | | 302 | 90 | 35 | 0 | 8 | 6 | 2 | |
| Q6PVZ1 | Keratin 14 | | 1 | 1 | 1 | | | | 63 | 98 | 70 | 0 | 2 | 4 | 2 | |
| O42283 | Heat shock protein 10 | | 1 | 1 | 1 | mt,cp | mp,res | nucleotide | | 48 | 135 | 44 | 0 | 2 | 2 | 3 |
| P08287 | Histone H1.11L | | 1 | 1 | 1 | ch,nu | cob,mp | DNA | | 47 | 54 | 60 | 0 | 3 | 2 | 3 |
| Q5ZMJ7 | protein CIP2A homolog | | 1 | 1 | 1 | ck,mb,cp,ol,ch, | cob,tp,rep | protein | | 35 | 28 | 39 | 0 | 2 | 3 | 3 |
| 2.3E+08 | heat shock 105kDa | 1 | 1 | | | | | 4329 | 867 | | | 51 | 15 | 0 | 0 | |
| Q5ZK62 | Arf-GAP with coiled-coil, ANK repeat | 1 | 1 | | | mp,reg | protein | 2750 | 186 | | | 39 | 6 | 0 | 0 | |
| Q5ZMU9 | Valosin containing protein | 1 | 1 | | | mp,res,rep | protein | 1760 | 309 | | | 36 | 9 | 0 | 0 | |
| O73885 | Heat shock cognate 71 kDa protein | 1 | 1 | | cs,cp | cob,tp,res | nucleotide | 1739 | 610 | | | 24 | 18 | 0 | 0 | |
| Q5ZL26 | Phosphoribosyl pyrophosphate | 1 | 1 | | | mp | metal ion | 1557 | 230 | | | 21 | 1 | 0 | 0 | |
| Q5F4A4 | Inosine-5'-monophosphate | 1 | 1 | | | mp | protein | 1501 | 249 | | | 23 | 12 | 0 | 0 | |
| P09244 | Tubulin beta-7 chain | 1 | 1 | | ck,cp | cob,mp,ccm | nucleotide | 1251 | 619 | | | 18 | 12 | 0 | 0 | |
| P15771 | Nucleolin | 1 | 1 | | ol,nu | | DNA | 1059 | 541 | | | 21 | 18 | 0 | 0 | |
| Q7S163 | Heat shock protein 70 | 1 | | 1 | cs,mb,mt,cp,ol, | cob,mp,reg,res, | protein | 909 | | 34 | | 14 | 0 | 6 | 0 | |
| E1BYN9 | phosphoribosyl pyrophosphate | 1 | 1 | | | mp | metal ion | 720 | 184 | | | 10 | 4 | 0 | 0 | |
| D6PVB7 | Heat shock protein 70 | 1 | 1 | | | cob,res | nucleotide | 707 | 116 | | | 14 | 9 | 0 | 0 | |
| Q9IAY5 | protein syndesmos | 1 | 1 | | | | | 699 | 56 | | | 11 | 5 | 0 | 0 | |
| P09652 | Tubulin beta-4 chain | 1 | 1 | | ck,cp | cob,mp,ccm | nucleotide | 679 | 313 | | | 13 | 10 | 0 | 0 | |
| Q5ZII4 | Putative uncharacterized protein | 1 | 1 | | | mp | metal ion | 618 | 68 | | | 9 | 2 | 0 | 0 | |
| P47826 | 60S acidic ribosomal protein P0 | 1 | 1 | | cp,rb | mp | structural | 611 | 434 | | | 9 | 10 | 0 | 0 | |
| F2Z4K7 | Uncharacterized protein | 1 | 1 | | cp,rb,ol,cl,nu | cx,mp,reg | structural | 408 | 426 | | | 11 | 14 | 0 | 0 | |
| Q5F491 | Putative uncharacterized protein | 1 | 1 | | | | nucleotide | 383 | 201 | | | 10 | 6 | 0 | 0 | |
| E1C4M0 | 40S ribosomal protein S2 | 1 | 1 | | cp,rb | mp | RNA | 380 | 199 | | | 9 | 9 | 0 | 0 | |
| P41125 | 60S ribosomal protein L13 | 1 | 1 | | cp,rb,cl | mp | structural | 369 | 330 | | | 5 | 6 | 0 | 0 | |
| Q5ZII1 | Uncharacterized protein | 1 | 1 | | cp,rb,ol,nu,cl | mp | structural | 364 | 79 | | | 15 | 9 | 0 | 0 | |
| Q5ZJC1 | Putative uncharacterized protein | 1 | 1 | | cp,rb | mp | RNA | 363 | 334 | | | 9 | 7 | 0 | 0 | |

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|--------|-------------------------------------|---|---|--|----------------|-----------------|------------|-----|-----|--|--|----|----|---|---|
| P09207 | Tubulin beta-6 chain | 1 | 1 | | ck,cp | cob,mp,ccm | nucleotide | 358 | 149 | | | 9 | 8 | 0 | 0 |
| Q6EE57 | 40S ribosomal protein S8 | 1 | 1 | | cp,rb | mp | structural | 328 | 133 | | | 7 | 5 | 0 | 0 |
| Q5Z149 | Ribose-phosphate | 1 | 1 | | | mp | protein | 308 | 39 | | | 8 | 3 | 0 | 0 |
| Q5ZIG4 | Putative uncharacterized protein | 1 | 1 | | | mp | nucleotide | 297 | 65 | | | 6 | 1 | 0 | 0 |
| Q5ZLG7 | Putative uncharacterized protein | 1 | 1 | | mb,mt,cp | tp | tper | 285 | 187 | | | 14 | 8 | 0 | 0 |
| Q5ZME1 | Uncharacterized protein | 1 | 1 | | sc,ol,nu | mp,tp,reg | DNA | 234 | 206 | | | 5 | 3 | 0 | 0 |
| Q5ZJZ2 | Putative uncharacterized protein | 1 | 1 | | cp,rb | mp | structural | 232 | 31 | | | 11 | 7 | 0 | 0 |
| Q5ZMJ6 | Uncharacterized protein | 1 | 1 | | mt,mb,cp | cx,cob,tp,reg | tper | 227 | 188 | | | 10 | 5 | 0 | 0 |
| Q5ZLE6 | Eukaryotic translation initiation | 1 | 1 | | cp | mp | protein | 213 | 93 | | | 8 | 4 | 0 | 0 |
| P32429 | 60S ribosomal protein L7a | 1 | 1 | | cp,rb | | | 201 | 96 | | | 14 | 6 | 0 | 0 |
| Q08200 | 60S ribosomal protein L10 | 1 | 1 | | cp,rb,nu | mp | structural | 200 | 86 | | | 8 | 2 | 0 | 0 |
| Q9W744 | DEAD-bo1 RNA helicase | 1 | 1 | | nu | | nucleotide | 195 | 61 | | | 14 | 11 | 0 | 0 |
| F1NI22 | ATP synthase alpha subunit, partial | 1 | 1 | | mb | mp,tp | tper | 181 | 238 | | | 10 | 7 | 0 | 0 |
| Q9PTD6 | 40S ribosomal protein S6 | 1 | 1 | | cp,rb,ol,nu | cx,mp,reg,res,c | protein | 179 | 299 | | | 9 | 9 | 0 | 0 |
| P47836 | 40S ribosomal protein S4 | 1 | 1 | | cp,rb | mp | RNA | 170 | 254 | | | 7 | 7 | 0 | 0 |
| P67883 | 60S ribosomal protein L30 | 1 | 1 | | cp,rb,cl | mp | structural | 163 | 117 | | | 7 | 4 | 0 | 0 |
| E1BS06 | Uncharacterized protein | 1 | 1 | | cp,rb,nu,cl | cp,mp | nucleotide | 160 | 117 | | | 7 | 4 | 0 | 0 |
| Q5Z156 | Putative uncharacterized protein | 1 | 1 | | cp,rb | mp | structural | 154 | 148 | | | 2 | 3 | 0 | 0 |
| Q5ZKK8 | Ribosomal protein L19 | 1 | 1 | | cp,rb,cl | mp | structural | 154 | 33 | | | 4 | 5 | 0 | 0 |
| E1C8R1 | Probable ATP-dependent RNA | 1 | 1 | | | | nucleotide | 152 | 55 | | | 4 | 2 | 0 | 0 |
| Q5ZJN2 | Ras-related protein Rab-11A | 1 | 1 | | ck,mb,mt,cp,gg | cob,tp,mp,reg,r | protein | 143 | 61 | | | 8 | 3 | 0 | 0 |
| H9L213 | Uncharacterized protein | 1 | 1 | | cp,rb | mp | structural | 130 | 114 | | | 3 | 5 | 0 | 0 |
| Q5ZM98 | Stress-70 protein, mitochondrial | 1 | 1 | | mt,cp | cob,mp | protein | 126 | 48 | | | 7 | 8 | 0 | 0 |
| Q5ZJ56 | 60S ribosomal protein L7 | 1 | 1 | | cp,rb,cl | mp | protein | 123 | 99 | | | 11 | 8 | 0 | 0 |
| F1NTT2 | ribosomal protein S28 | 1 | 1 | | cp,rb | mp | structural | 110 | 168 | | | 4 | 2 | 0 | 0 |
| P51417 | 60S ribosomal protein L15 | 1 | 1 | | cp,rb | mp | structural | 98 | 50 | | | 6 | 3 | 0 | 0 |
| Q90705 | Elongation factor 2 | 1 | 1 | | cp | mp | RNA | 91 | 148 | | | 6 | 14 | 0 | 0 |
| Q9YGQ1 | elongation factor 1 | 1 | 1 | | | | | 87 | 163 | | | 1 | 1 | 0 | 0 |
| P11501 | Heat shock protein HSP 90-alpha | 1 | 1 | | cp | mp,reg,res | protein | 82 | 503 | | | 10 | 17 | 0 | 0 |
| Q5ZKA5 | Bifunctional | 1 | 1 | | mt,cp | mp | nucleotide | 76 | 163 | | | 5 | 2 | 0 | 0 |
| P62846 | 40S ribosomal protein S15a | 1 | 1 | | cp,rb | mp | structural | 75 | 92 | | | 4 | 4 | 0 | 0 |
| Q98TF7 | 60S ribosomal protein L35 | 1 | 1 | | cp,rb | mp | structural | 73 | 64 | | | 2 | 2 | 0 | 0 |
| Q9PT84 | voltage-gated potassium channel | 1 | 1 | | | | | 72 | 75 | | | 6 | 1 | 0 | 0 |
| Q5ZL53 | Putative uncharacterized protein | 1 | 1 | | | | RNA | 66 | 70 | | | 9 | 13 | 0 | 0 |
| E1C6T8 | Uncharacterized protein | 1 | 1 | | | mp | protein | 63 | 26 | | | 6 | 2 | 0 | 0 |
| P04210 | immunoglobulin light-chain VJ | 1 | 1 | | | | | 60 | 59 | | | 1 | 1 | 0 | 0 |
| Q04619 | Heat shock cognate protein HSP 90- | 1 | 1 | | cp,cl | mp,res | protein | 56 | 116 | | | 4 | 5 | 0 | 0 |
| P47832 | ribosomal protein L26 | 1 | 1 | | | | | 50 | 136 | | | 7 | 8 | 0 | 0 |
| P79781 | Ubiquitin-40S ribosomal protein | 1 | 1 | | cp,rb,ol,nu | mp,reg,res,cc,d | protein | 48 | 110 | | | 5 | 5 | 0 | 0 |
| Q98TF6 | 60S ribosomal protein L36 | 1 | 1 | | cp,rb | mp | structural | 48 | 58 | | | 3 | 5 | 0 | 0 |

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|--------|--|---|---|---|---------------|-----------------|------------|----|-----|-----|-----|----|----|---|---|---|
| Q5ZKJ2 | Uncharacterized protein | 1 | 1 | | cp | tp,mp,reg,res,c | protein | 46 | 46 | | | 2 | 2 | 0 | 0 | |
| Q5ZMD1 | 14-3-3 protein theta | 1 | 1 | | ck,cp,nu | mp,tp,reg,res,c | protein | 46 | 30 | | | 3 | 4 | 0 | 0 | |
| Q5ZMT0 | 14-3-3 protein epsilon | 1 | 1 | | cp | | protein | 46 | 25 | | | 4 | 2 | 0 | 0 | |
| O57535 | Nucleoside diphosphate kinase | 1 | 1 | | mb,mt,cp | cx,cp,dev,mp,r | metal ion | 44 | 58 | | | 4 | 4 | 0 | 0 | |
| H9L3K5 | similar to strabismus | 1 | 1 | | mb | dev | | 42 | 30 | | | 2 | 2 | 0 | 0 | |
| P02263 | Histone H2A-IV | 1 | | 1 | ch,nu | cob,mp | DNA | 39 | | 236 | | 3 | 0 | 5 | 0 | |
| E1BWI7 | Uncharacterized protein | 1 | 1 | | | | RNA | 37 | 31 | | | 8 | 5 | 0 | 0 | |
| P18460 | inositol 1,4,5-trisphosphate | 1 | 1 | | mb | tp | tper | 33 | 33 | | | 11 | 6 | 0 | 0 | |
| F1NZV1 | Uncharacterized protein | 1 | 1 | | mb,er,cp | tp,reg,res,cc | signal | 33 | 33 | | | 16 | 11 | 0 | 0 | |
| Q5ZIH1 | Uncharacterized protein | 1 | 1 | | | mp,reg | nucleotide | 32 | 30 | | | 5 | 2 | 0 | 0 | |
| E1C903 | Uncharacterized protein | 1 | 1 | | | | RNA | 31 | 31 | | | 4 | 6 | 0 | 0 | |
| Q98TH5 | Ribosomal protein S11 | 1 | 1 | | cp,rb | mp | structural | 31 | 27 | | | 4 | 4 | 0 | 0 | |
| P30352 | Serine/arginine-rich splicing factor 2 | 1 | 1 | | nu | mp | RNA | 30 | 43 | | | 1 | 3 | 0 | 0 | |
| Q5ZIB2 | Fas-binding factor 1 homolog | 1 | | 1 | ck,mb,cp | cob,tp,mp,reg | tper | 29 | | 48 | | 4 | 0 | 4 | 0 | |
| Q5ZL60 | Uncharacterized protein | 1 | 1 | | ck | cob | protein | 28 | 48 | | | 3 | 9 | 0 | 0 | |
| F1P2S8 | A-kinase anchor protein 9 | 1 | 1 | | ck,mb | mp,tp,reg | tper | 27 | 44 | | | 17 | 13 | 0 | 0 | |
| P00508 | Aspartate aminotransferase, | 1 | 1 | | mt,cp,ol | mp | protein | 27 | 32 | | | 4 | 7 | 0 | 0 | |
| Q8JG64 | Protein disulfide-isomerase A3 | 1 | 1 | | er,cp,ol | cx,mp,reg,ch | catalytic | 26 | 317 | | | 2 | 16 | 0 | 0 | |
| P81021 | Vigilin | 1 | 1 | | cp | | RNA | 26 | 31 | | | 9 | 6 | 0 | 0 | |
| Q5ZJ86 | Putative uncharacterized protein | 1 | | 1 | cp | mp | nucleotide | 26 | | 28 | | 12 | 0 | 5 | 0 | |
| Q5ZL27 | Putative uncharacterized protein | 1 | 1 | | cp | cob | | 25 | 160 | | | 3 | 1 | 0 | 0 | |
| Q5ZKU2 | Putative uncharacterized protein | 1 | | | 1 ch | mp,res | DNA | 25 | | | 25 | 9 | 0 | 0 | 4 | |
| P00337 | L-lactate dehydrogenase B chain | 1 | 1 | | mt,cp,cl | mp | nucleotide | 24 | 105 | | | 3 | 7 | 0 | 0 | |
| Q90679 | Thymocyte nuclear protein 1 | 1 | 1 | | nu | | | 24 | 42 | | | 5 | 4 | 0 | 0 | |
| Q01841 | gamma-glutamyltransferase-like 3 | 1 | 1 | | | | catalytic | 24 | 33 | | | 1 | 2 | 0 | 0 | |
| P53449 | Fructose-bisphosphate aldolase C | | 1 | 1 | cp,cl | mp | catalytic | | 137 | 42 | | 0 | 3 | 1 | 0 | |
| P18359 | Dextrin | | 1 | | 1 | | protein | | 105 | | 27 | 0 | 6 | 0 | 1 | |
| Q5ZLQ6 | 14-3-3 protein beta/alpha | | 1 | 1 | ck,cp,nu | mp,tp,reg | protein | | 91 | 35 | | 0 | 5 | 2 | 0 | |
| P08285 | Histone H1.03 | | 1 | | 1 ch,nu | cob,mp | DNA | | 47 | | 60 | 0 | 3 | 0 | 3 | |
| Q5ZK51 | gg SNAP receptor complex member | | 1 | 1 | mb,cp,gg | tp | | | 39 | 30 | | 0 | 3 | 1 | 0 | |
| Q5F454 | Uncharacterized protein | | 1 | 1 | | mp | nucleotide | | 34 | 30 | | 0 | 5 | 4 | 0 | |
| P16039 | Nucleophosmin | | 1 | | 1 ck,cp,ol,nu | cp,cob,mp,reg, | protein | | 27 | | 42 | 0 | 2 | 0 | 3 | |
| P84229 | histone H3 | | 1 | | 1 | | DNA | | 24 | | 441 | 0 | 6 | 0 | 9 | |
| Q6EE58 | Ribosomal protein S3 | | | 1 | 1 cp,rb | mp | RNA | | | | 23 | 77 | 0 | 0 | 1 | 5 |

Key. Cell components: ch chromosomal; ck cytoskeletal; cl cytosol; cp cytoplasm; cs cell surface; em endosome; er endoplasmic reticulum;

gg golgi; nu nucleus; mb membrane; mt mitochondrial; ol organelle lumen; rb ribosome; sc splicosomal complex

Biological function Key: cc cell communication; ccm cellular component movement; cd cell division; cdf cell differentiation;

ch cellular homeostasis; cob cell organisation and biosynthesis; cp cell proliferation; cx cell death; dfr defense response; mp metabolic process;

rbp regulation of biological process; rep reproduction; res response to stimulus; tp transport

Grey indicates proteins with >1 identification with low Mascot (<50) and/or low peptide scoring