| ENTREZID Majority.piGene.names | Number.o U | Unique.p | Seque | MS.MS.c |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 87 A0A024R6 ACTN1 | 40 | 25 | 54.3 | 40 | 0 |
| 4644 A8CDT9;G MYO5A | 29 | 45 | 28.7 | 56 | 0 |
| 2314 Q13045;Q. FLII | 12 | 2 | 41.5 | 4 | 0 |
| 116143 A0A140Vk WDR92;HZGJ | 8 | 11 | 43.4 | 14 | 0 |
| 7798 A0A024RA LUZP1 | 7 | 29 | 35.1 | 34 | 0 |
| 22994 B2RN10;Q AZI1;CEP131 | 8 | 28 | 30 | 30 | 0 |
| 8725 Q6NX55;C C19orf2;URI1 | 10 | 17 | 42.5 | 26 | 0 |
| 79657 Q9H6T3;Q RPAP3 | 3 | 16 | 32.3 | 18 | 0 |
| 81 A0AOS2Z3 ACTN4 | 12 | 18 | 45.2 | 27 | 0 |
| 10096 A0A024RA ACTR3 | 20 | 18 | 64.4 | 25 | 0 |
| 10109 Q53R19;O ARPC2 | 8 | 16 | 54 | 31 | 0 |
| 55075 B7ZKM6; Q UACA | 10 | 17 | 14.2 | 23 | 0 |
| 22998 D6RD46;Q LIMCH1 | 26 | 13 | 18.1 | 15 | 0 |
| 4641 F5H6E2;B7 MYO1C (ikk) | 14 | 16 | 22.4 | 20 | 0 |
| 55011 A0A024Q2̄ FLJ20643;PIH1D1 | 15 | 9 | 52.4 | 11 | 0 |
| 5202 B1AQP2;Q PFDN2 | 2 | 6 | 44.8 | 12 | 0 |
| 10097 P61160;P6 ACTR2 | 6 | 12 | 37.1 | 17 | 0 |
| 10471 Q5STK2;O PFDN6 | 4 | 7 | 45.7 | 11 | 0 |
| 5339 Q15149-7 PLEC;PLEC1 | 17 | 14 | 3.8 | 14 | 0 |
| 54442 Q9NXV2;- KCTD5 | 2 | 6 | 34.2 | 7 | 0 |
| 3326 B4DMA2;EHSP90AB1 | 22 | 8 | 20.1 | 12 | 0 |
| 9948 Q53GN4;C WDR1;HEL-S-52 | 11 | 11 | 25.6 | 13 | 0 |
| NA CON_Q3SX14 | 1 | 4 | 13.8 | 5 | 0 |
| 6161 D3YTB1;A(RPL32 | 5 | 10 | 56.4 | 25 | 0 |
| 4659 B2RAH5;OPPP1R12A | 15 | 9 | 10.5 | 8 | 0 |
| NA LOR819;U3ASNSD1 | 6 | 6 | 70.8 | 9 | 0 |
| 51366 E7EMW7; ${ }^{\text {a }}$ UBR5 | 6 | 7 | 3.4 | 6 | 0 |
| 1073 Q549N0; Q CFL2 | 5 | 4 | 53.6 | 6 | 0 |
| 3192 Q96BA7;B'HNRNPU;HNRPU | 7 | 9 | 17 | 9 | 0 |
| 8545 Q9UFW8; CCGGBP1 | 2 | 5 | 33.5 | 5 | 0 |
| 5434 E5KT65;P1 POLR2E | 6 | 4 | 31 | 5 | 0 |
| 6158 HOYKD8;P،RPL28 | 10 | 8 | 33.5 | 13 | 0 |
| 81572 Q9NUG6 PDRG1 | 1 | 6 | 47.4 | 10 | 0 |
| 284119 B4DPZ5;B<PTRF | 6 | 4 | 11.3 | 3 | 0 |
| 5756 Q12792;Q. TWF1 | 9 | 5 | 13.7 | 7 | 0 |
| 7511 Q5T6H7;B:XPNPEP1 | 8 | 5 | 16.5 | 4 | 0 |
| 6633 P62316;K7 SNRPD2 | 4 | 5 | 36.4 | 5 | 0 |
| 8607 B5BUB1;Q: RUVBL1 | 8 | 6 | 17.3 | 6 | 0 |
| 1968 P41091;QżEIF2S3;EIF2S3L | 4 | 5 | 11.7 | 5 | 0 |
| 81873 A0A024R8 ARPC5L | 3 | 3 | 20.9 | 5 | 0 |
| 26065 Q8ND56-: LSM14A | 8 | 5 | 14.5 | 6 | 0 |
| 51637 Q5RLJ0;QE C14orf166 | 6 | 3 | 13.1 | 3 | 0 |
| 506 Q0QEN7; ${ }^{\text {a ATP5B;HEL-S-271 }}$ | 6 | 5 | 15.7 | 3 | 0 |
| 6233 Q5RKT7;B'RPS27A;HEL112;UBA | 38 | 2 | 37.2 | 5 | 0 |
| 3964 F6V2D4;A(LGALS8 | 14 | 5 | 19 | 5 | 0 |
| 5074 Q96IZ0 PAWR | 4 | 3 | 12.1 | 5 | 0 |
| 4638 Q15746-4 MYLK | 10 | 5 | 2.7 | 5 | 0 |
| 51493 Q9Y310;B4 RTCB | 4 | 4 | 10.9 | 4 | 0 |
| 84687 D3DTX6;Q PPP1R9B | 11 | 4 | 7.1 | 4 | 0 |
| 11078 H0Y5J9;Qs TRIOBP | 10 | 4 | 19.9 | 3 | 0 |
| 4899 A0A024R7 NRF1 | 7 | 4 | 7.4 | 4 | 0 |
| 6144 G3V1B3;M RPL21 | 6 | 3 | 39.1 | 5 | 0 |
| 84271 Q9BY77;F¢POLDIP3;PDIP46;DK | 12 | 4 | 10 | 4 |  |
| 79026 Q8N274;QAHNAK | 5 | 4 | 12.6 | 4 | 0 |
| 8409 A0A0C4DF UXT | 3 | 3 | 21.3 | 7 | 0 |
| 1613 B3KSK3;B3 DAPK3 | 3 | 3 | 15.2 | 3 | 0 |
| 6164 A0A024RCRPL34 | 2 | 3 | 14.5 | 4 | 0 |


| 10726 Q9Y266 NUDC | 4 | 3 | 11.5 | 4 | 0 |
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| 2194 P49327;QGFASN | 3 | 3 | 1.4 | 3 | 0 |
| 966 E9PNW4;C CD59 | 5 | 2 | 22.2 | 3 | 0 |
| 79784 Q7Z406;Q MYH14 | 7 | 2 | 7.6 | 36 | 0 |
| 1508 B4DL49;AE CTSB;DKFZp686N01 | 18 | 2 | 7 | 3 | 0 |
| 8148 B4E312;AOTAF15 | 4 | 2 | 7.8 | 3 | 0 |


| Score | MS.MS.col M | MS.MS.coi iBAQ | Symbol | Rank |  | IgG. 1 |  | rmp. 1 |  | im..IgG. 1 |
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| 323.31 | 11 | 2934240000 | ACTN1 |  | 156 |  | 11 |  | 29 | FALSE |
| 323.31 | 13 | 4323183000 | MYO5A |  | 196 |  | 13 |  | 43 | FALSE |
| 323.31 | 0 | 4876010 | Q13045 |  | 483 |  | 0 |  | 4 | TRUE |
| 295.54 | 0 | 1448109000 | WDR92 |  | 125 |  | 0 |  | 14 | TRUE |
| 280.7 | 9 | 2521173000 | LUZP1 |  | 206 |  | 9 |  | 25 | FALSE |
| 275.76 | 0 | 3020446000 | AZI1 |  | 214 |  | 0 |  | 30 | TRUE |
| 246.76 | 0 | $261.93 \mathrm{E}+08$ | C19orf2 |  | 42 |  | 0 |  | 26 | TRUE |
| 199.78 | 0 | 1824718000 | RPAP3 |  | 187 |  | 0 |  | 18 | TRUE |
| 199.57 | 5 | 2219095000 | ACTN4 |  | 219 |  | 5 |  | 22 | FALSE |
| 179.64 | 4 | 2199921000 | ACTR3 |  | 80 |  |  |  | 21 | FALSE |
| 179.32 | 8 | $231.18 \mathrm{E}+08$ | ARPC2 |  | 66.5 |  | 8 |  | 23 | FALSE |
| 177.06 | 4 | 198442600 | UACA |  | 301 |  | 4 |  | 19 | FALSE |
| 156.61 | 3 | 127320400 | LIMCH1 |  | 315 |  | 3 |  | 12 | FALSE |
| 155.98 | 4 | 1610635000 | MYO1C |  | 280 |  | 4 |  | 16 | FALSE |
| 151.15 | 0 | 1128946000 | FLJ20643 |  | 175 |  | 0 |  | 11 | TRUE |
| 121.56 | 2 | $101.42 \mathrm{E}+08$ | PFDN2 |  | 62 |  | 2 |  | 10 | FALSE |
| 118.68 | 2 | 1585694000 | ACTR2 |  | 89 |  | 2 |  | 15 | FALSE |
| 111.08 | 0 | 11 1.37E+08 | PFDN6 |  | 65 |  | 0 |  | 11 | TRUE |
| 110.12 | 0 | 14933870 | PLEC |  | 477 |  | 0 |  | 14 | TRUE |
| 107.25 | 0 | 773727000 | KCTD5 |  | 100 |  | 0 |  | 7 | TRUE |
| 101.86 | 3 | 913143000 | HSP90AB1 |  | 258 |  | 3 |  | 9 | FALSE |
| 90.975 | 0 | 1310655000 | WDR1 |  | 279 |  | 0 |  | 13 | TRUE |
| 78.104 | 0 | 52516900 | CON_Q3! |  | 416 |  | 0 |  | 5 | TRUE |
| 76.099 | 6 | $193.01 \mathrm{E}+08$ | RPL32 |  | 22 |  | 6 |  | 19 | FALSE |
| 72.109 | 1 | 77801800 | PPP1R12A |  | 308 |  | 1 |  | 7 | FALSE |
| 66.999 | 0 | $92.51 \mathrm{E}+08$ | ASNSD1 |  | 30 |  | 0 |  | 9 | TRUE |
| 59.096 | 0 | 6563620 | UBR5 |  | 504 |  | 0 |  | 6 | TRUE |
| 58.821 | 1 | 514101000 | CFL2 |  | 252 |  | 1 |  | 5 | FALSE |
| 58.418 | 1 | 812716000 | HNRNPU |  | 264 |  | 1 |  | 8 | FALSE |
| 57.3 | 0 | 532120000 | CGGBP1 |  | 165 |  | 0 |  | 5 | TRUE |
| 56.909 | 0 | 515404000 | POLR2E |  | 239 |  | 0 |  | 5 | TRUE |
| 54.259 | 3 | 1062748000 | RPL28 |  | 113 |  | 3 |  | 10 | FALSE |
| 54.052 | 0 | 1076223000 | PDRG1 |  | 96 |  | 0 |  | 10 | TRUE |
| 53.501 | 0 | 39170300 | PTRF |  | 295 |  | 0 |  | 3 | TRUE |
| 52.47 | 1 | 64476400 | TWF1 |  | 355 |  | 1 |  | 6 | FALSE |
| 49.947 | 0 | 44988100 | XPNPEP1 |  | 350 |  | 0 |  | 4 | TRUE |
| 42.087 | 1 | 429360000 | SNRPD2 |  | 172 |  | 1 |  | 4 | FALSE |
| 40.121 | 0 | 64371200 | RUVBL1 |  | 357 |  | 0 |  | 6 | TRUE |
| 39.529 | 0 | 51874400 | EIF2S3 |  | 439 |  | 0 |  | 5 | TRUE |
| 38.863 | 1 | 462938000 | ARPC5L |  | 111 |  | 1 |  | 4 | FALSE |
| 36.492 | 1 | 513727000 | LSM14A |  | 254 |  | , |  | 5 | FALSE |
| 35.575 | 0 | 35632400 | C14orf166 |  | 334 |  | 0 |  | 3 | TRUE |
| 35.065 | 0 | 33515600 | ATP5B |  | 385 |  | 0 |  | 3 | TRUE |
| 32.736 | 1 | 443932000 | RPS27A |  | 137 |  |  |  | 4 | FALSE |
| 32.655 | 0 | 58303000 | LGALS8 |  | 302 |  | 0 |  | 5 | TRUE |
| 29.927 | 1 | 415201000 | PAWR |  | 243 |  | , |  | 4 | FALSE |
| 28.129 | 0 | 5486350 | MYLK |  | 507 |  | 0 |  | 5 | TRUE |
| 27.494 | 0 | 43117300 | RTCB |  | 397 |  | 0 |  | 4 | TRUE |
| 26.97 | 0 | 43132000 | PPP1R9B |  | 395 |  | 0 |  | 4 | TRUE |
| 26.931 | 0 | 35190400 | TRIOBP |  | 342 |  | 0 |  | 3 | TRUE |
| 26.83 | 0 | 416338000 | NRF1 |  | 232 |  | 0 |  | 4 | TRUE |
| 25.154 | 1 | 436472000 | RPL21 |  | 149 |  | 1 |  | 4 | FALSE |
| 25.126 | 0 | 43264000 | POLDIP3 |  | 393 |  | 0 |  | 4 | TRUE |
| 21.299 | 0 | 4212180 | AHNAK |  | 530 |  | 0 |  | 4 | TRUE |
| 21.079 | 0 | 728710000 | UXT |  | 179 |  | 0 |  | 7 | TRUE |
| 20.051 | 0 | 312654000 | DAPK3 |  | 265 |  | 0 |  | 3 | TRUE |
| 18.884 | 0 | 441689000 | RPL34 |  | 141 |  | 0 |  | 4 | TRUE |


| 18.099 | 0 | 4 | 4839500 NUDC | 352 | 0 | 4 | TRUE |
| ---: | ---: | ---: | ---: | :--- | :--- | ---: | ---: |
| 17.271 | 0 | 3 | 157850 FASN | 533 | 0 | 3 | TRUE |
| 16.574 | 0 | 3 | 22032000 CD59 | 202 | 0 | 3 | TRUE |
| 12.406 | 6 | 3063665000 MYH14 | 110 | 6 | 30 | FALSE |  |
| 11.845 | 0 | 3 | 3643800 CTSB | 380 | 0 | 3 | TRUE |
| 11.628 | 0 | 3 | 6855900 TAF15 | 323 | 0 | 3 | TRUE |


| im..rmp. 1 lgG | rmp |  | fc..rmp.lge cl | Alias | preferred_ | prote | in_siz annotatior |
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| FALSE | 11 | 29 | 1.022347 T | ACTN1 | ACTN1 |  | 914 actinin, alp |
| FALSE | 13 | 43 | 1.348838 T | MYO5A | MYO5A |  | 1855 myosin VA |
| FALSE | 0 | 4 | 2.07864 T | FLII | FLII |  | 1269 flightless I |
| FALSE | 0 | 14 | 3.618745 T | HZGJ;WDF | FWDR92 |  | 357 WD repea |
| FALSE | 9 | 25 | 1.080695 T | LUZP1 | LUZP1 |  | 1076 leucine zip |
| FALSE | 0 | 30 | 4.654245 T | CEP131;Az | zAZII |  | 1080 5-azacytid |
| FALSE | 0 | 26 | 4.456581 T | C19orf2;U | JURI1 |  | 535 URI1, prefc |
| FALSE | 0 | 18 | 3.954978 T | RPAP3 | RPAP3 |  | 665 RNA polyr |
| FALSE | 5 | 22 | 1.642508 T | ACTN4 | ACTN4 |  | 911 actinin, alp |
| FALSE | 4 | 21 | 1.842091 T | ACTR3 | ACTR3 |  | 418 ARP3 actir |
| FALSE | 8 | 23 | 1.118324 T | ARPC2 | ARPC2 |  | 300 actin relate |
| FALSE | 4 | 19 | 1.706148 T | UACA | UACA |  | 1416 uveal auto |
| FALSE | 3 | 12 | 1.415795 T | LIMCH1 | LIMCH1 |  | 1083 LIM and ci |
| FALSE | 4 | 16 | 1.474707 T | MYO1C | MYO1C |  | 1063 myosin IC; |
| FALSE | 0 | 11 | 3.302501 T | FLJ20643; | FPIH1D1 |  | $290 \mathrm{PIH1}$ dom |
| FALSE | 2 | 10 | 1.594584 T | PFDN2 | PFDN2 |  | 154 prefoldin s |
| FALSE | 2 | 15 | 2.125467 T | ACTR2 | ACTR2 |  | 399 ARP2 actir |
| FALSE | 0 | 11 | 3.302501 T | PFDN6 | NA | NA | NA |
| FALSE | 0 | 14 | 3.618745 T | PLEC;PLEC | CPLEC |  | 4684 plectin |
| FALSE | 0 | 7 | 2.731651 T | KCTD5 | KCTD5 |  | 234 potassium |
| FALSE | 3 | 9 | 1.045128 T | HSP90AB1 | 1 HSP90AB1 |  | 724 heat shock |
| FALSE | 0 | 13 | 3.520836 T | WDR1;HEL | LWDR1 |  | 606 WD repea |
| FALSE | 0 | 5 | 2.33059 T |  | NA | NA | NA |
| FALSE | 6 | 19 | 1.220721 T | RPL32 | RPL32 |  | 135 ribosomal |
| FALSE | 1 | 7 | 1.731651 T | PPP1R12A | A PPP1R12A |  | 1030 protein ph |
| FALSE | 0 | 9 | 3.045128 T | ASNSD1 | NA | NA | NA |
| FALSE | 0 | 6 | 2.545013 T | UBR5 | UBR5 |  | 2799 ubiquitin F |
| FALSE | 1 | 5 | 1.33059 T | CFL2 | CFL2 |  | 166 cofilin 2 (n |
| FALSE | 1 | 8 | 1.896887 T | HNRNPU; | HNRNPU |  | 825 heterogen |
| FALSE | 0 | 5 | 2.33059 T | CGGBP1 | CGGBP1 |  | 167 CGG triple |
| FALSE | 0 | 5 | 2.33059 T | POLR2E | POLR2E |  | 210 polymeras |
| FALSE | 3 | 10 | 1.179546 T | RPL28 | RPL28 |  | 169 ribosomal |
| FALSE | 0 | 10 | 3.179546 T | PDRG1 | PDRG1 |  | 133 p53 and D |
| FALSE | 0 | 3 | 1.77318 T | CAVIN1 | SKOR1 |  | 965 SKI family |
| FALSE | 1 | 6 | 1.545013 T | TWF1 | TWF1 |  | 357 twinfilin, a |
| FALSE | 0 | 4 | 2.07864 T | XPNPEP1 | XPNPEP1 |  | 666 X-prolyl ar |
| FALSE | 1 | 4 | 1.07864 T | SNRPD2 | SNRPD2 |  | 118 small nucle |
| FALSE | 0 | 6 | 2.545013 T | RUVBL1 | RUVBL1 |  | 456 RuvB-like |
| FALSE | 0 | 5 | 2.33059 T | EIF2S3;EIF | 'EIF2S3 |  | 472 eukaryotic |
| FALSE | 1 | 4 | 1.07864 T | ARPC5L | ARPC5L |  | 153 actin relat |
| FALSE | 1 | 5 | 1.33059 T | LSM14A | LSM14A |  | 463 LSM14A, S |
| FALSE | 0 | 3 | 1.77318 T | C14orf166 | 6 C14orf166 |  | 244 chromosol |
| FALSE | 0 | 3 | 1.77318 T | ATP5B | ATP5B |  | 529 ATP synth |
| FALSE | 1 | 4 | 1.07864 T | UBC;UBB; | LRPS27A |  | 156 ribosomal |
| FALSE | 0 | 5 | 2.33059 T | LGALS8 | LGALS8 |  | 359 lectin, gala |
| FALSE | 1 | 4 | 1.07864 T | PAWR | PAWR |  | 340 PRKC, apo |
| FALSE | 0 | 5 | 2.33059 T | MYLK | MYLK |  | 1914 myosin lig |
| FALSE | 0 | 4 | 2.07864 T | RTCB | C22orf28 |  | 505 chromoso |
| FALSE | 0 | 4 | 2.07864 T | PPP1R9B | NA | NA | NA |
| FALSE | 0 | 3 | 1.77318 T | TRIOBP | TRIOBP |  | 2365 TRIO and I |
| FALSE | 0 | 4 | 2.07864 T | NRF1 | NRF1 |  | 503 nuclear res |
| FALSE | 1 | 4 | 1.07864 T | RPL21 | RPL21 |  | 160 ribosomal |
| FALSE | 0 | 4 | 2.07864 T | POLDIP3; | FPOLDIP3 |  | 421 polymeras |
| FALSE | 0 | 4 | 2.07864 T | AHNAK | AHNAK |  | 5890 AHNAK nc |
| FALSE | 0 | 7 | 2.731651 T | UXT | UXT |  | 169 ubiquitous |
| FALSE | 0 | 3 | 1.77318 T | DAPK3 | DAPK3 |  | 454 death-ass |
| FALSE | 0 | 4 | 2.07864 T | RPL34 | RPL34 |  | 117 ribosomal |


| FALSE | 0 | 4 | 2.07864 T | NUDC | NUDC | 331 nuclear dis |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FALSE | 0 | 3 | 1.77318 T | FASN | FASN | 2511 fatty acids |
| FALSE | 0 | 3 | 1.77318 T | CD59 | CD59 | 128 CD59 molt |
| FALSE | 6 | 30 | 1.84689 T | MYH14 | MYH14 | 2036 myosin, he |
| FALSE | 0 | 3 | 1.77318 T | CTSB;DK | CTSB | 339 cathepsin |
| FALSE | 0 | 3 | 1.77318 T | TAF15 | TAF15 | 592 TAF15 RN, |

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