Descriptive statistics of all proteins identified with at least 60 % of values in the High-grade EC group (N=24)

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PPIAL4E;PPIAL4D;PPIAL4F | 17 | 7797 | 3579 | 6456 | 5453 | 9991 | 3081 | 15995 |
| TRAV17 | 18 | 7305 | 4486 | 6060 | 4518 | 8930 | 1801 | 17684 |
| DPEP2NB | 23 | 10226 | 13250 | 5520 | 4015 | 9748 | 2389 | 64382 |
| CENPVL3 | 24 | 20214 | 5562 | 19274 | 17235 | 23995 | 9990 | 32484 |
| TEX48 | 24 | 10607 | 6150 | 9755 | 7055 | 12472 | 1326 | 30580 |
| CPHXL | 24 | 6387 | 4165 | 5614 | 3292 | 9033 | 1416 | 19287 |
| ERFL | 24 | 13723 | 7831 | 11990 | 9253 | 15303 | 3837 | 37304 |
| TRBV4-1 | 24 | 22805 | 30510 | 12083 | 8321 | 22590 | 4308 | 136262 |
| RBM47 | 24 | 6481 | 6457 | 4432 | 3146 | 6794 | 1966 | 33452 |
| UBA6 | 24 | 7877 | 3754 | 7046 | 5476 | 10622 | 2978 | 17298 |
| ESYT3 | 24 | 29651 | 7134 | 28468 | 25579 | 32340 | 17058 | 44382 |
| UHRF1BP1L | 24 | 123511 | 46057 | 106236 | 101091 | 131436 | 69227 | 288735 |
| SHTN1 | 24 | 20996 | 9010 | 19657 | 12508 | 28106 | 6901 | 36028 |
| TLDC2 | 23 | 11579 | 6651 | 11313 | 6062 | 15764 | 2097 | 26267 |
| BICDL2 | 24 | 32721 | 14771 | 27056 | 22256 | 38336 | 17600 | 70678 |
| ARHGEF37 | 16 | 2318 | 1402 | 1724 | 1407 | 2989 | 787 | 6026 |
| MEX3A | 24 | 259176 | 164547 | 198360 | 158214 | 312036 | 79165 | 748248 |
| ELOVL7 | 23 | 217098 | 103210 | 211246 | 153159 | 260004 | 48852 | 467250 |
| SSC5D | 24 | 262004 | 65403 | 239735 | 227153 | 274582 | 173185 | 455570 |
| SH3PXD2B | 24 | 17917 | 6567 | 16665 | 12302 | 21424 | 9061 | 33973 |
| HYKK | 24 | 5315 | 3469 | 4414 | 3455 | 5842 | 471 | 16219 |
| CRPPA | 24 | 20132 | 5693 | 19261 | 15484 | 24331 | 11894 | 33955 |
| MEGF11 | 24 | 2615 | 1003 | 2470 | 1793 | 2980 | 1377 | 5026 |
| FAM172BP | 24 | 37083 | 13839 | 33266 | 27305 | 43951 | 18257 | 66464 |
| VWA3A | 24 | 52044 | 5593 | 52013 | 47931 | 56856 | 41305 | 61699 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| C2orf78 | 24 | 44708 | 24810 | 37104 | 24987 | 55467 | 16128 | 108796 |
| ANKRD33B | 24 | 9404 | 3930 | 8956 | 7560 | 10368 | 3641 | 24306 |
| IQCA1L | 24 | 19672 | 4500 | 19067 | 17501 | 21565 | 11454 | 33128 |
| PALM3 | 23 | 7183 | 2932 | 6542 | 5183 | 8971 | 3118 | 13800 |
| SYNDIG1L | 19 | 76705 | 56660 | 58331 | 46323 | 87535 | 20082 | 261376 |
| PGP | 24 | 130543 | 53409 | 117987 | 89896 | 162749 | 44155 | 226395 |
| TRIM49B | 24 | 19567 | 8747 | 18525 | 14815 | 21197 | 7062 | 47714 |
| C5orf51 | 24 | 6913 | 2168 | 6673 | 5313 | 7215 | 4210 | 12392 |
| SOWAHB | 24 | 8066 | 2886 | 6903 | 6139 | 9864 | 3671 | 16028 |
| MROH2A | 24 | 16402 | 2303 | 16528 | 15054 | 18142 | 11418 | 20917 |
| ANTXRL | 24 | 19814 | 4899 | 19316 | 17294 | 21990 | 12156 | 29526 |
| EFCAB10 | 24 | 14142 | 3484 | 12945 | 11253 | 15864 | 9954 | 21465 |
| WIPF3 | 24 | 16420 | 5164 | 17118 | 13262 | 19330 | 7735 | 26592 |
| PCARE | 24 | 116105 | 21232 | 114698 | 103033 | 126441 | 83740 | 186760 |
| ANKRD61 | 18 | 1216 | 571 | 1254 | 800 | 1570 | 381 | 2684 |
| OTOL1 | 24 | 45547 | 19628 | 40587 | 33508 | 48931 | 16624 | 94875 |
| FBLL1 | 24 | 85845 | 41556 | 67980 | 57485 | 110186 | 34275 | 194887 |
| SMCHD1 | 24 | 4514819 | 733045 | 4395538 | 4067685 | 4798711 | 3354806 | 6342594 |
| CASTOR2 | 24 | 7761 | 5721 | 6260 | 4814 | 8320 | 2171 | 29451 |
| UNC119B | 24 | 15625 | 6000 | 13003 | 11204 | 19674 | 9060 | 31551 |
| LRRC72 | 24 | 53331 | 13247 | 53994 | 44360 | 60903 | 28174 | 89580 |
| SDR42E2 | 24 | 15024 | 8167 | 14582 | 8337 | 17252 | 4796 | 38519 |
| CPSF4L | 24 | 5831 | 1725 | 5813 | 4934 | 6797 | 3241 | 11775 |
| ANXA2P2 | 24 | 58251 | 42106 | 58350 | 27078 | 84214 | 6966 | 194723 |
| NA | 24 | 200294 | 138065 | 160322 | 120454 | 233435 | 40276 | 609269 |
| FAM90A27P | 24 | 23195 | 11729 | 20345 | 14869 | 26024 | 13049 | 61308 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ENO4 | 24 | 13047 | 3615 | 12466 | 10520 | 15072 | 7309 | 23547 |
| C4orf47 | 24 | 7918 | 2326 | 7267 | 6538 | 8945 | 4770 | 15023 |
| SRRM4 | 24 | 73889 | 23873 | 69610 | 63324 | 80380 | 35841 | 132939 |
| A2ML1 | 24 | 68428 | 27967 | 59593 | 50760 | 79248 | 31330 | 153088 |
| GABRR3 | 24 | 46200 | 16221 | 47536 | 36706 | 52250 | 16150 | 86390 |
| NEURL1B | 24 | 1143937 | 197921 | 1163823 | 1036888 | 1235659 | 793784 | 1550630 |
| PRSS47 | 24 | 77751 | 25169 | 70594 | 57564 | 93603 | 40342 | 147135 |
| NA | 24 | 21165 | 6423 | 19775 | 17422 | 23210 | 11448 | 39962 |
| BBIP1 | 24 | 7946 | 4057 | 6472 | 5748 | 8061 | 4033 | 19956 |
| SERPINE3 | 24 | 14177 | 9754 | 10361 | 8775 | 17565 | 4591 | 49907 |
| FADS2B | 24 | 238788 | 70139 | 229211 | 187636 | 278814 | 137651 | 456659 |
| WASH4P | 24 | 9545 | 6957 | 6467 | 5452 | 11812 | 3393 | 29233 |
| CAPN14 | 24 | 22529 | 7058 | 20856 | 17728 | 25100 | 14033 | 41928 |
| NA | 24 | 11883 | 5104 | 10436 | 8918 | 14689 | 4183 | 21547 |
| NUDT19 | 23 | 1580 | 688 | 1406 | 1111 | 1859 | 637 | 3374 |
| DCDC2C | 24 | 11457 | 4402 | 10478 | 8752 | 11730 | 6408 | 21645 |
| FOXO6 | 24 | 167119 | 101876 | 136983 | 102679 | 218792 | 54893 | 506027 |
| MIF4GD | 22 | 3593 | 1536 | 3351 | 2772 | 3803 | 1810 | 8653 |
| ESPN | 23 | 6775 | 2997 | 6885 | 4976 | 8698 | 464 | 12333 |
| SNURFL | 23 | 18037 | 6240 | 17637 | 14543 | 20771 | 8347 | 32923 |
| ZNF487 | 23 | 11937 | 7712 | 9746 | 7100 | 13776 | 2887 | 32812 |
| OR11H12 | 24 | 79480 | 63460 | 60028 | 50971 | 76532 | 23803 | 280588 |
| ZNF732 | 24 | 10640 | 4011 | 9666 | 8202 | 11436 | 4985 | 20694 |
| ANKRD66 | 24 | 26523 | 7177 | 25891 | 21960 | 31440 | 14232 | 40555 |
| KIF28P | 24 | 18346 | 3427 | 18126 | 16724 | 20386 | 12826 | 26996 |
| C4orf51 | 24 | 20764 | 4795 | 19900 | 17319 | 23512 | 12278 | 31876 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| HSBP1L1 | 24 | 33398 | 9491 | 32119 | 26237 | 38605 | 17445 | 56904 |
| MCRIP1 | 21 | 5067 | 1609 | 5147 | 3668 | 5987 | 2501 | 9064 |
| AKR1B15 | 24 | 9952 | 3773 | 9447 | 7202 | 11270 | 5003 | 20034 |
| MCIDAS | 24 | 24623 | 18430 | 17602 | 9031 | 37889 | 5022 | 68197 |
| PROB1 | 24 | 47820 | 15720 | 45326 | 37537 | 52805 | 21635 | 81842 |
| NACA | 24 | 59885 | 6533 | 58787 | 54789 | 63483 | 50785 | 73676 |
| C11orf98 | 21 | 2478 | 1423 | 2180 | 1271 | 2846 | 1169 | 5806 |
| STMND1 | 24 | 21683 | 6980 | 21399 | 16746 | 24435 | 11266 | 42356 |
| CROCC2 | 24 | 22224 | 6586 | 19330 | 17980 | 24193 | 16396 | 43359 |
| TRIM77 | 24 | 81956 | 18060 | 80895 | 69805 | 91232 | 49857 | 128004 |
| SLC35A4 | 23 | 4933 | 3125 | 4326 | 2605 | 6878 | 720 | 10816 |
| ASDURF | 17 | 5553 | 2094 | 5206 | 4249 | 7208 | 2058 | 9140 |
| OVOL3 | 23 | 19247 | 9179 | 18640 | 15804 | 26748 | 1227 | 36534 |
| DNASE2 | 24 | 13564 | 8083 | 11806 | 8022 | 18060 | 2085 | 30550 |
| AGPS | 24 | 9765 | 2697 | 9182 | 8167 | 11786 | 5518 | 15206 |
| DDX39A | 24 | 167828 | 62118 | 157928 | 131863 | 201845 | 64493 | 352506 |
| PDLIM1 | 24 | 75166 | 30070 | 67378 | 51579 | 94312 | 34966 | 144172 |
| AIP | 23 | 4233 | 2038 | 3747 | 2573 | 5669 | 1265 | 8476 |
| GTPBP1 | 24 | 41342 | 17000 | 38418 | 30106 | 52241 | 9671 | 78113 |
| STXBP3 | 24 | 115222 | 40212 | 111658 | 95251 | 126259 | 61002 | 249711 |
| SMAP | 24 | 6503 | 2049 | 6432 | 5339 | 7215 | 2980 | 12829 |
| LGALS8 | 24 | 176330 | 99010 | 150881 | 137018 | 174006 | 80813 | 584266 |
| NFKBIE | 24 | 7664 | 1658 | 7377 | 6869 | 8622 | 4945 | 10952 |
| PSMD11 | 24 | 19706 | 9087 | 19989 | 14682 | 23609 | 5194 | 49371 |
| PSMD12 | 24 | 16907 | 7338 | 16342 | 12756 | 20542 | 5977 | 38869 |
| PSMD9 | 24 | 19156 | 4567 | 19523 | 16564 | 21835 | 8978 | 29083 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RNF103 | 24 | 33220 | 11315 | 32637 | 26000 | 37181 | 13312 | 64442 |
| ATOX1 | 24 | 27269 | 14468 | 25339 | 15944 | 34413 | 4565 | 53777 |
| MEN1 | 24 | 16808 | 5759 | 15662 | 13648 | 18799 | 8765 | 37920 |
| PGRMC1 | 22 | 2662 | 1238 | 2216 | 2047 | 2985 | 680 | 6553 |
| TAF4 | 24 | 412551 | 95158 | 412267 | 338976 | 464656 | 255482 | 639192 |
| DFFA | 24 | 11212 | 3717 | 12527 | 8426 | 13506 | 4942 | 18278 |
| CLIC1 | 24 | 307581 | 123359 | 283459 | 221501 | 382905 | 115150 | 616187 |
| EIF3F | 24 | 18129 | 9934 | 15867 | 12769 | 22230 | 3866 | 39616 |
| QSOX1 | 24 | 20217 | 14153 | 14357 | 10633 | 28234 | 7068 | 67294 |
| DCTN6 | 24 | 6744 | 2358 | 6660 | 5116 | 8647 | 3068 | 10131 |
| WASL | 24 | 66867 | 18715 | 62175 | 53189 | 76749 | 45706 | 128210 |
| PDE2A | 24 | 393956 | 91199 | 357849 | 320825 | 468911 | 268190 | 571009 |
| FOXN3 | 24 | 19124 | 3353 | 19689 | 16761 | 21551 | 12758 | 24416 |
| POLRMT | 24 | 151606 | 29862 | 149605 | 128791 | 163757 | 107066 | 243398 |
| EEF2K | 24 | 91797 | 23667 | 88378 | 72435 | 104561 | 56179 | 137132 |
| EML1 | 24 | 34626 | 14977 | 31009 | 25277 | 44393 | 13107 | 65200 |
| IGF2BP3 | 24 | 60750 | 16362 | 57773 | 52489 | 70609 | 36260 | 102038 |
| GOLIM4 | 24 | 44475 | 25818 | 40771 | 27192 | 51213 | 12639 | 108643 |
| EXOC5 | 24 | 56607 | 24721 | 45192 | 36925 | 73784 | 28273 | 118056 |
| HMGN4 | 24 | 41535 | 41645 | 26352 | 22605 | 41080 | 16725 | 181871 |
| PSMD14 | 24 | 19346 | 8706 | 19490 | 13688 | 22403 | 6530 | 48547 |
| KPNA3 | 24 | 21645 | 11960 | 16912 | 15642 | 23495 | 11114 | 68235 |
| USP9Y | 24 | 53323 | 7589 | 53312 | 49181 | 57753 | 34456 | 68447 |
| LAD1 | 24 | 227664 | 115770 | 184152 | 152894 | 297239 | 66846 | 559891 |
| VWA5A | 24 | 10937 | 6679 | 9073 | 6256 | 15405 | 2742 | 26697 |
| NOP56 | 24 | 20583 | 5107 | 19909 | 17483 | 22550 | 13543 | 36630 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RNASET2 | 24 | 68442 | 55396 | 52753 | 28983 | 87279 | 7706 | 218042 |
| GABRP | 24 | 17295 | 9050 | 14797 | 11579 | 19624 | 3936 | 38146 |
| PODXL | 23 | 7980 | 5770 | 7266 | 3816 | 8910 | 1666 | 23757 |
| FCN1 | 24 | 11421 | 3636 | 10919 | 8515 | 13738 | 6625 | 18979 |
| PIR | 24 | 11955 | 6386 | 10613 | 6896 | 14580 | 4267 | 26032 |
| KPNA4 | 24 | 13898 | 6135 | 12412 | 10672 | 17058 | 5407 | 27971 |
| NFIB | 24 | 43768 | 35355 | 29613 | 25615 | 44688 | 19822 | 179101 |
| PPP6C | 24 | 3950 | 1515 | 3738 | 3002 | 4549 | 1675 | 8569 |
| PIK3C2B | 24 | 408820 | 129581 | 368991 | 317184 | 457332 | 226223 | 703596 |
| FBP2 | 24 | 20534 | 9124 | 20495 | 14648 | 24576 | 5772 | 43016 |
| UBE2C | 24 | 36508 | 14482 | 34358 | 28496 | 38849 | 14651 | 74903 |
| PDXK | 24 | 24061 | 16868 | 22590 | 15028 | 29372 | 4849 | 86066 |
| SCD | 24 | 12000 | 5926 | 10997 | 8473 | 15344 | 1897 | 25995 |
| ISLR | 24 | 5538 | 3979 | 4083 | 3230 | 5715 | 1604 | 17814 |
| NCKAP5 | 24 | 65455 | 16660 | 62698 | 54895 | 71022 | 41309 | 106246 |
| CUX2 | 24 | 79693 | 19436 | 78003 | 68294 | 90414 | 43152 | 122884 |
| SOCS6 | 24 | 166345 | 108872 | 122339 | 108722 | 213709 | 55529 | 557355 |
| TRAFD1 | 24 | 27888 | 22423 | 18815 | 15432 | 32058 | 7979 | 102414 |
| GAPDHS | 24 | 9806 | 4077 | 8254 | 7480 | 11723 | 4712 | 20672 |
| HSPB6 | 23 | 32695 | 63236 | 19184 | 14283 | 25782 | 1267 | 319686 |
| NDUFAB1 | 24 | 19805 | 7336 | 20151 | 15321 | 23505 | 7927 | 36323 |
| UBFD1 | 24 | 10388 | 3625 | 10830 | 8180 | 11987 | 3972 | 18687 |
| COPE | 24 | 50744 | 22102 | 46721 | 36244 | 56775 | 14804 | 114872 |
| CCS | 24 | 15648 | 3210 | 15500 | 14071 | 17529 | 9862 | 22810 |
| ENPP3 | 24 | 111371 | 33419 | 112532 | 88483 | 143295 | 53476 | 167015 |
| DNALI1 | 24 | 3607 | 985 | 3738 | 2876 | 3967 | 1864 | 5822 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ADAM10 | 24 | 9504 | 16888 | 5358 | 4421 | 7141 | 2418 | 87542 |
| MAP2K7 | 24 | 188123 | 25946 | 185322 | 166358 | 206828 | 152096 | 253808 |
| PDCD5 | 24 | 26276 | 12766 | 22991 | 17470 | 35690 | 5668 | 52654 |
| SLC9A3R1 | 24 | 59354 | 33730 | 59382 | 35270 | 81140 | 10811 | 151198 |
| TPP1 | 24 | 12222 | 6718 | 10972 | 8199 | 12775 | 5561 | 39445 |
| TCERG1 | 24 | 314773 | 72909 | 299183 | 262389 | 347083 | 209701 | 485643 |
| KIF3C | 24 | 27670 | 9656 | 25105 | 21235 | 31972 | 11106 | 53829 |
| UNC13B | 24 | 20348 | 5086 | 20520 | 16052 | 21934 | 12992 | 32374 |
| POLR3A | 24 | 24350 | 6755 | 23371 | 20225 | 27503 | 12817 | 42118 |
| PSMA7 | 24 | 95144 | 34391 | 87843 | 71580 | 110671 | 40193 | 180889 |
| OPLAH | 24 | 23176 | 6340 | 22038 | 18408 | 25771 | 15464 | 38369 |
| SLC30A4 | 23 | 24357 | 11542 | 19664 | 17089 | 31322 | 9153 | 56141 |
| IFIT3 | 24 | 278827 | 69974 | 263700 | 235733 | 331926 | 178116 | 443773 |
| IRF6 | 24 | 25953 | 13919 | 22279 | 15003 | 31951 | 9253 | 55756 |
| TAX1BP3 | 24 | 47553 | 21463 | 41316 | 35338 | 53256 | 23414 | 114601 |
| GIPC1 | 24 | 10201 | 2934 | 10180 | 8028 | 11679 | 5519 | 16052 |
| HAT1 | 23 | 5269 | 2506 | 4511 | 3796 | 6689 | 907 | 9909 |
| MYL12B;MYL12A | 24 | 22402 | 17426 | 17245 | 8504 | 36325 | 2462 | 58040 |
| AURKA | 24 | 16735 | 10815 | 14680 | 10670 | 18062 | 1341 | 53334 |
| CLGN | 24 | 34060 | 19063 | 31237 | 20608 | 43305 | 8276 | 79409 |
| PPP1R12A | 24 | 10408 | 6230 | 8684 | 7152 | 11296 | 5053 | 34515 |
| AZIN1 | 24 | 189632 | 127865 | 179667 | 73076 | 295544 | 34837 | 520072 |
| XPO1 | 24 | 57262 | 32947 | 50635 | 33455 | 74484 | 8737 | 128142 |
| PLXNB2 | 24 | 135612 | 26144 | 135617 | 114847 | 150363 | 93375 | 200777 |
| SEMA3E | 24 | 155688 | 46231 | 145961 | 131042 | 164231 | 98591 | 310930 |
| U2SURP | 24 | 19994 | 4769 | 18978 | 17013 | 21590 | 12039 | 34891 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SETD1A | 24 | 66989 | 20544 | 61507 | 53042 | 80073 | 32726 | 108464 |
| KIF3B | 24 | 26550 | 4345 | 26249 | 23722 | 29030 | 19254 | 36449 |
| PFAS | 24 | 47281 | 24895 | 38620 | 30161 | 65174 | 13303 | 100112 |
| NACAD | 24 | 110639 | 22062 | 114487 | 93448 | 123892 | 65673 | 154622 |
| ADAMTS3 | 24 | 16548 | 5945 | 14314 | 12501 | 19322 | 10329 | 31549 |
| LSM1 | 24 | 16703 | 6476 | 15434 | 11738 | 20136 | 7447 | 31475 |
| ARPC1B | 24 | 39899 | 14068 | 38442 | 32260 | 42954 | 18621 | 85517 |
| ARPC2 | 24 | 87041 | 22408 | 80496 | 67776 | 101881 | 63748 | 149314 |
| ARPC3 | 24 | 31181 | 10109 | 29739 | 23158 | 36879 | 18366 | 55206 |
| TBXT | 24 | 29043 | 14722 | 25406 | 20994 | 32681 | 1710 | 77124 |
| PFDN6 | 24 | 21747 | 6734 | 22403 | 15845 | 25331 | 9521 | 34621 |
| LAMA5 | 24 | 72161 | 13440 | 68436 | 65613 | 74444 | 56453 | 113945 |
| CASC3 | 24 | 53475 | 35894 | 41876 | 30088 | 63166 | 18334 | 161907 |
| CLIC2 | 24 | 10344 | 17446 | 5796 | 4352 | 8097 | 3059 | 89863 |
| RTL8C | 23 | 12308 | 6616 | 10729 | 8695 | 14341 | 4049 | 33833 |
| MAPK13 | 24 | 42091 | 12697 | 39635 | 34131 | 48866 | 23645 | 79403 |
| SPTLC2 | 24 | 92303 | 15746 | 87386 | 83648 | 97499 | 72211 | 141302 |
| FANCG | 24 | 10145 | 4926 | 8515 | 6381 | 13281 | 3131 | 21562 |
| OGT | 24 | 2980353 | 593558 | 2856425 | 2612277 | 3232864 | 2162640 | 4476495 |
| PMM2 | 24 | 26706 | 12676 | 24664 | 19806 | 32858 | 6735 | 52492 |
| INPP4B | 24 | 41005 | 8969 | 41112 | 33361 | 48915 | 25605 | 55329 |
| HMGB3 | 24 | 58054 | 34144 | 65304 | 34478 | 81120 | 7151 | 137877 |
| PPM1G | 24 | 155762 | 70296 | 150965 | 105010 | 212963 | 32416 | 280314 |
| INPPL1 | 24 | 35611 | 8231 | 35215 | 29549 | 39705 | 22245 | 58525 |
| EIF3H | 24 | 24284 | 11547 | 21714 | 17693 | 28573 | 7965 | 49488 |
| NVL | 24 | 89172 | 21087 | 83592 | 76957 | 96959 | 62694 | 157841 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| BCAT2 | 23 | 4956 | 2116 | 4302 | 3383 | 6101 | 2662 | 10996 |
| BCAT2 | 24 | 46458 | 15882 | 41444 | 33808 | 53604 | 28397 | 89954 |
| STX7 | 24 | 14092 | 6973 | 11611 | 8154 | 18141 | 6793 | 29771 |
| SLC16A6 | 24 | 17216 | 5444 | 17427 | 13107 | 20773 | 7037 | 28185 |
| CAPN5 | 24 | 14336 | 4715 | 12697 | 11207 | 17325 | 8878 | 25217 |
| YKT6 | 24 | 19333 | 6113 | 17744 | 15259 | 24050 | 11493 | 30894 |
| ARPC5 | 24 | 42395 | 11225 | 38810 | 34104 | 46165 | 29337 | 70350 |
| POLR2D | 22 | 11011 | 2609 | 10464 | 8862 | 13028 | 7200 | 15221 |
| NKX2-8 | 24 | 15449 | 3829 | 15532 | 12226 | 18949 | 7941 | 20867 |
| DDX3Y | 24 | 16517 | 6575 | 16110 | 10460 | 20740 | 7877 | 31886 |
| RGS5 | 24 | 827499 | 410545 | 774595 | 608025 | 892767 | 413831 | 2529582 |
| DHX15 | 24 | 13886 | 6367 | 13766 | 9816 | 16930 | 3060 | 27021 |
| ZZEF1 | 24 | 125089 | 16256 | 126688 | 115835 | 136039 | 83300 | 153131 |
| FLRT2 | 24 | 8833 | 5614 | 7825 | 4805 | 12497 | 1957 | 24643 |
| CYB5B | 23 | 2471 | 1756 | 1942 | 1404 | 2543 | 1007 | 8047 |
| CYP26A1 | 21 | 12013 | 4406 | 12584 | 9245 | 14569 | 4500 | 21298 |
| PHGDH | 24 | 89710 | 52922 | 68526 | 55215 | 117493 | 19858 | 206354 |
| GPR39 | 24 | 24977 | 25692 | 18722 | 13715 | 21361 | 8281 | 124409 |
| SEPTIN4 | 24 | 42862 | 8898 | 41610 | 37341 | 48273 | 28927 | 64276 |
| DYNC1LI2 | 24 | 52983 | 9013 | 54403 | 49701 | 57439 | 29158 | 67830 |
| KLK10 | 23 | 3544 | 2317 | 3478 | 2125 | 3700 | 884 | 11685 |
| PSMD3 | 24 | 20613 | 8909 | 20323 | 15798 | 24752 | 8394 | 51194 |
| PAPSS1 | 24 | 7772 | 2463 | 7261 | 5842 | 9582 | 3862 | 13092 |
| SART1 | 24 | 73605 | 14494 | 69324 | 65344 | 85224 | 51452 | 106151 |
| TGFB1I1 | 24 | 34503 | 31828 | 23637 | 16153 | 39000 | 5599 | 145554 |
| SRGAP3 | 24 | 35270 | 8125 | 35198 | 29876 | 39835 | 19162 | 50937 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ZNF264 | 24 | 15238 | 3934 | 16031 | 12766 | 17202 | 7436 | 25660 |
| HSPA12A | 24 | 135487 | 44626 | 129299 | 115660 | 135355 | 93956 | 326238 |
| MSI1 | 24 | 15636 | 3499 | 14599 | 13223 | 18162 | 10909 | 22360 |
| WDR62 | 24 | 36403 | 7401 | 34048 | 31869 | 40555 | 23668 | 51320 |
| PRPF3 | 24 | 9749 | 3060 | 8549 | 7650 | 11173 | 6141 | 17298 |
| TXNL1 | 24 | 62927 | 22200 | 60762 | 48038 | 79983 | 23188 | 112917 |
| ERI3 | 24 | 17005 | 5711 | 15495 | 13746 | 17200 | 10151 | 34387 |
| FIBP | 23 | 14249 | 3496 | 13390 | 11471 | 16723 | 10154 | 24396 |
| EIF4G3 | 24 | 95915 | 19335 | 96730 | 81342 | 104994 | 69854 | 156251 |
| PPIH | 24 | 8470 | 4302 | 7783 | 5561 | 11288 | 1888 | 18434 |
| HTRA2 | 24 | 21174 | 6292 | 20133 | 16428 | 25653 | 10732 | 32878 |
| AKR7A2 | 24 | 13953 | 5285 | 13540 | 10309 | 15095 | 5851 | 28328 |
| EPB41L2 | 24 | 68512 | 23881 | 64495 | 56310 | 70407 | 37726 | 136577 |
| EPB41L2 | 24 | 132071 | 65195 | 130338 | 81779 | 150372 | 44023 | 272005 |
| LAMTOR5 | 24 | 7615 | 3770 | 6954 | 5373 | 8548 | 3159 | 19478 |
| WIPF1 | 24 | 78803 | 31834 | 65733 | 51100 | 101899 | 43698 | 148964 |
| XRCC3 | 24 | 20669 | 10314 | 18067 | 14611 | 22049 | 8217 | 49731 |
| DENR | 24 | 13629 | 3707 | 13222 | 11557 | 16796 | 7165 | 20382 |
| XPOT | 24 | 55593 | 31999 | 44999 | 33520 | 69299 | 20167 | 147964 |
| DNPH1 | 24 | 38255 | 9623 | 36355 | 30502 | 44137 | 25252 | 65573 |
| DCX | 24 | 9418 | 6023 | 8179 | 5743 | 9833 | 2844 | 25851 |
| TIMM44 | 24 | 6183 | 1973 | 5569 | 4679 | 6838 | 4181 | 11220 |
| TRAPPC3 | 24 | 78726 | 16920 | 80786 | 61506 | 91141 | 55740 | 111289 |
| CHMP2A | 24 | 18996 | 6707 | 17523 | 15835 | 23815 | 6858 | 34257 |
| NCK2 | 24 | 8892 | 4519 | 7627 | 6435 | 10700 | 3838 | 25379 |
| PSCA | 23 | 10543 | 6016 | 11402 | 6116 | 13469 | 1625 | 28956 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TSPAN6 | 21 | 9124 | 11133 | 7015 | 4626 | 9222 | 2457 | 56336 |
| PLRG1 | 24 | 13261 | 4680 | 13004 | 9371 | 15054 | 6079 | 26158 |
| GET3 | 24 | 25460 | 9347 | 24064 | 20256 | 29340 | 11593 | 55695 |
| ACTN4 | 24 | 132967 | 56432 | 116485 | 104960 | 158898 | 54310 | 294440 |
| GSTZ1 | 24 | 56315 | 21557 | 52558 | 42240 | 69934 | 26760 | 113329 |
| TRIAP1 | 23 | 7282 | 2035 | 7282 | 5462 | 8817 | 4022 | 10643 |
| HTATSF1 | 24 | 5764 | 2567 | 5037 | 3682 | 7771 | 1626 | 9811 |
| STX6 | 24 | 809025 | 118654 | 789672 | 730516 | 903271 | 607683 | 1007616 |
| SYNGR2 | 23 | 16876 | 12316 | 12651 | 10401 | 18967 | 4978 | 65646 |
| SYNGR3 | 24 | 9736 | 4352 | 9792 | 6360 | 11299 | 2190 | 19425 |
| SGTA | 24 | 21537 | 9101 | 22215 | 15147 | 24273 | 5581 | 42909 |
| NARS1 | 24 | 53662 | 21719 | 55433 | 40335 | 69840 | 14128 | 100057 |
| NUDT21 | 24 | 69244 | 32039 | 65582 | 44382 | 82368 | 29401 | 154132 |
| LANCL1 | 24 | 23117 | 9633 | 22587 | 16995 | 25815 | 7219 | 52082 |
| RRP9 | 22 | 3494 | 1697 | 3248 | 2532 | 4373 | 1153 | 8739 |
| B3GALT2 | 24 | 25930 | 11807 | 25322 | 18113 | 29729 | 9610 | 64054 |
| SLC37A4 | 24 | 18329 | 8161 | 17990 | 11786 | 20229 | 8447 | 38384 |
| IDH3B | 24 | 45404 | 15468 | 44104 | 36109 | 48212 | 28373 | 101062 |
| AHCYL1 | 24 | 42974 | 10198 | 44788 | 33180 | 51151 | 22110 | 58459 |
| CD5L | 24 | 13257 | 12511 | 8863 | 6142 | 17142 | 1957 | 57427 |
| NDUFS5 | 24 | 7991 | 3913 | 7421 | 5737 | 8698 | 2275 | 20380 |
| PDE6D | 24 | 5301 | 2203 | 4814 | 3798 | 6956 | 1440 | 10004 |
| RAD21 | 24 | 22562 | 7199 | 21106 | 18180 | 24835 | 12640 | 43917 |
| DHX16 | 24 | 12206 | 4179 | 11705 | 10112 | 13512 | 5249 | 22520 |
| ZNRD2 | 23 | 3065 | 2324 | 2674 | 1653 | 3661 | 436 | 11984 |
| GMFG | 24 | 27678 | 11862 | 25696 | 22574 | 28611 | 11615 | 66667 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PPP1R12B | 24 | 14871 | 3848 | 14539 | 11710 | 17614 | 9245 | 24005 |
| BNIP3L | 24 | 3596 | 1256 | 3673 | 2702 | 4569 | 1110 | 6162 |
| ADGRB3 | 24 | 14344 | 4260 | 13917 | 11655 | 15443 | 7458 | 26304 |
| PCDH7 | 24 | 41052 | 6998 | 40434 | 35740 | 43777 | 31370 | 59227 |
| SMARCA5 | 24 | 45184 | 11930 | 39414 | 35724 | 55046 | 30719 | 66878 |
| KIF5C | 24 | 33508 | 4972 | 32176 | 29355 | 37395 | 26153 | 43496 |
| NUAK1 | 24 | 27274 | 8151 | 25181 | 22268 | 32097 | 9835 | 50353 |
| ZNF862 | 24 | 212821 | 52100 | 200487 | 181052 | 236384 | 147569 | 386243 |
| SIPA1L3 | 24 | 42398 | 8994 | 40101 | 36607 | 46196 | 31134 | 65642 |
| MAST3 | 24 | 165391 | 72225 | 148047 | 125372 | 182378 | 108985 | 449197 |
| OPA1 | 24 | 107857 | 15123 | 104661 | 99159 | 111218 | 80908 | 155334 |
| PPL | 24 | 191463 | 42431 | 176010 | 165466 | 222465 | 108411 | 279330 |
| GSDME | 24 | 68327 | 22732 | 65078 | 56941 | 77170 | 36661 | 145967 |
| PLXNC1 | 24 | 37632 | 11671 | 36232 | 31020 | 43392 | 18417 | 67222 |
| ACSL4 | 24 | 63961 | 15587 | 61913 | 51248 | 74544 | 35344 | 92680 |
| SNX3 | 24 | 12666 | 12101 | 8407 | 5878 | 16383 | 1509 | 57532 |
| CUBN | 24 | 21717 | 3890 | 20998 | 19326 | 23058 | 16508 | 32033 |
| DOK2 | 24 | 20748 | 11576 | 18945 | 12529 | 24427 | 8318 | 60500 |
| SORBS3 | 24 | 509183 | 484679 | 308865 | 259424 | 452173 | 152219 | 2352666 |
| CDC40 | 24 | 43630 | 11040 | 43430 | 38901 | 51766 | 21532 | 68544 |
| RANBP6 | 24 | 33721 | 8221 | 33257 | 28265 | 38442 | 16921 | 48740 |
| CCNT1 | 24 | 548389 | 240090 | 509110 | 347115 | 660723 | 207103 | 1052714 |
| PLOD3 | 24 | 6594 | 2751 | 6098 | 4354 | 8416 | 3268 | 12274 |
| CCNT2 | 24 | 65068 | 13289 | 66013 | 55164 | 74424 | 40638 | 89313 |
| TLR5 | 24 | 13862 | 6364 | 11651 | 9324 | 17187 | 6206 | 32478 |
| TLR2 | 24 | 1472442 | 709130 | 1348926 | 996696 | 1790053 | 450899 | 3005113 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SELENOF | 23 | 2888 | 1740 | 2519 | 1720 | 3189 | 1052 | 8037 |
| TSPAN1 | 24 | 9275 | 5884 | 8537 | 5457 | 11408 | 1092 | 27036 |
| EXOC3 | 24 | 47933 | 12277 | 44948 | 43057 | 51333 | 22233 | 89750 |
| JAK2 | 24 | 88243 | 22769 | 83405 | 73849 | 94434 | 49920 | 150951 |
| MAFK | 24 | 217020 | 41751 | 219167 | 186242 | 249168 | 134832 | 276984 |
| KPNA6 | 24 | 3884 | 2066 | 3603 | 2336 | 5450 | 413 | 7334 |
| SRPX2 | 24 | 11854 | 5807 | 10337 | 8233 | 13613 | 4103 | 26448 |
| UGDH | 24 | 111554 | 66414 | 115491 | 64577 | 148037 | 14159 | 312307 |
| SNX2 | 23 | 5305 | 2205 | 5200 | 3894 | 5958 | 2136 | 12170 |
| SNX2 | 24 | 10959 | 3571 | 10783 | 8956 | 12348 | 3191 | 22455 |
| HPGDS | 18 | 2072 | 946 | 1814 | 1462 | 2547 | 621 | 4101 |
| DPM1 | 24 | 15882 | 4511 | 15058 | 13093 | 18359 | 8459 | 26639 |
| CCDC22 | 24 | 26314 | 6162 | 26336 | 23049 | 31331 | 15091 | 36560 |
| DKC1 | 24 | 7685 | 2855 | 7216 | 5992 | 8453 | 3026 | 16339 |
| EIF5B | 24 | 11943 | 3948 | 11288 | 9419 | 14074 | 5906 | 23341 |
| MMP20 | 24 | 12876 | 2376 | 13095 | 11478 | 14593 | 8129 | 17525 |
| DNAJA2 | 24 | 28055 | 6233 | 28658 | 23719 | 32275 | 13187 | 37287 |
| BRD4 | 24 | 8874 | 1937 | 8782 | 7360 | 9903 | 5826 | 12544 |
| CUTA | 24 | 9248 | 3465 | 8644 | 7315 | 11955 | 2984 | 15838 |
| CTSV | 24 | 13588 | 4169 | 12437 | 9838 | 14738 | 8817 | 24479 |
| PFDN1 | 24 | 13754 | 3990 | 13859 | 10574 | 17094 | 6203 | 20672 |
| PPP1R11 | 23 | 3888 | 3011 | 3032 | 1946 | 4935 | 1557 | 15210 |
| NBN | 24 | 94288 | 29000 | 90132 | 71845 | 116916 | 50416 | 157729 |
| DTNB | 24 | 47029 | 13951 | 46017 | 40501 | 54345 | 21095 | 76969 |
| KIF21B | 24 | 18781 | 3336 | 18288 | 16311 | 20651 | 12859 | 24736 |
| SRGAP2 | 24 | 65596 | 32722 | 55375 | 44987 | 71990 | 24315 | 149179 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| WDR1 | 24 | 91148 | 57968 | 84381 | 59415 | 96530 | 19375 | 274541 |
| N4BP1 | 24 | 29228 | 5468 | 28492 | 25299 | 31043 | 22318 | 46253 |
| ROCK2 | 24 | 113306 | 25753 | 110547 | 96209 | 132299 | 62811 | 169078 |
| CLASP2 | 24 | 282798 | 82302 | 250903 | 229119 | 320704 | 199448 | 570856 |
| CPNE3 | 24 | 19235 | 9732 | 17353 | 11114 | 25494 | 5658 | 41052 |
| CLUH | 24 | 18200 | 10439 | 14643 | 12920 | 19972 | 7729 | 50739 |
| TSC22D2 | 17 | 2911 | 1586 | 2586 | 1693 | 3516 | 1097 | 6821 |
| CNOT3 | 24 | 26691 | 6186 | 27146 | 22796 | 30244 | 13484 | 38419 |
| GGCT | 24 | 77850 | 36860 | 68072 | 46854 | 101725 | 21109 | 154601 |
| ZPR1 | 24 | 12831 | 3150 | 11682 | 10795 | 14802 | 8119 | 19483 |
| NIPSNAP2 | 23 | 27978 | 18247 | 23703 | 16765 | 34570 | 5381 | 86985 |
| CILP | 24 | 32588 | 4937 | 31235 | 28865 | 34323 | 26982 | 46194 |
| PDCD6 | 24 | 11343 | 5374 | 9362 | 7375 | 15124 | 3504 | 23894 |
| ZNF253 | 24 | 28219 | 6573 | 27980 | 24140 | 30378 | 20178 | 44164 |
| TBCA | 24 | 84823 | 32122 | 90222 | 60114 | 97981 | 35124 | 154070 |
| ATP6V1G1 | 24 | 16097 | 5453 | 15813 | 13058 | 18946 | 4140 | 26491 |
| VPS4B | 24 | 15322 | 7326 | 13827 | 8934 | 20245 | 5790 | 29461 |
| ZNF217 | 24 | 456027 | 173335 | 413789 | 340574 | 483222 | 242369 | 892206 |
| SH3BGRL | 24 | 171929 | 164453 | 115493 | 95895 | 171239 | 63695 | 848794 |
| FLNB | 24 | 604872 | 266349 | 599824 | 397692 | 702775 | 232106 | 1229552 |
| NCOR1 | 24 | 540845 | 91527 | 519508 | 499226 | 545110 | 417067 | 862176 |
| NDUFS6 | 24 | 41619 | 17444 | 36710 | 31634 | 48761 | 21557 | 101299 |
| ULK1 | 24 | 102877 | 28858 | 96654 | 86851 | 114046 | 61660 | 197654 |
| CS | 24 | 71346 | 44956 | 52333 | 40275 | 102931 | 15999 | 208494 |
| SEC22B | 24 | 17743 | 10921 | 14350 | 10453 | 22968 | 4426 | 46123 |
| POLQ | 24 | 76532 | 12415 | 72809 | 69310 | 85360 | 59429 | 106580 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| VPS26A | 24 | 41847 | 11926 | 39166 | 33221 | 50612 | 21408 | 69999 |
| PMPCB | 24 | 19814 | 6578 | 17753 | 14885 | 24409 | 10869 | 34414 |
| TECTA | 24 | 35824 | 8988 | 36701 | 29386 | 42509 | 16972 | 53020 |
| KATNA1 | 24 | 24923 | 11513 | 20690 | 17923 | 28505 | 12105 | 56947 |
| RDH16 | 24 | 6190 | 1414 | 6330 | 5192 | 6710 | 3335 | 9646 |
| ERN1 | 24 | 25319 | 10842 | 22224 | 17289 | 31433 | 12406 | 56162 |
| PSIP1 | 24 | 19402 | 10938 | 16659 | 12485 | 23076 | 8275 | 60284 |
| CLN5 | 24 | 13530 | 4708 | 12709 | 10563 | 16172 | 7076 | 28752 |
| HSBP1 | 24 | 11454 | 3863 | 11158 | 9327 | 13152 | 5092 | 20009 |
| KHDRBS3 | 22 | 14667 | 7694 | 12506 | 9187 | 18472 | 5062 | 35837 |
| RBMXL2 | 24 | 38382 | 5275 | 38754 | 33962 | 42387 | 28716 | 46664 |
| BANF1 | 24 | 109928 | 125463 | 74227 | 50820 | 130377 | 11664 | 616589 |
| SF3B1 | 24 | 32233 | 13038 | 28596 | 25298 | 36486 | 14927 | 72446 |
| WBP4 | 24 | 8214 | 7622 | 6047 | 4867 | 7761 | 2192 | 40075 |
| SCGB2A1 | 16 | 9419 | 13305 | 4634 | 3347 | 7678 | 841 | 54339 |
| SKAP2 | 24 | 41766 | 19881 | 40616 | 30354 | 52913 | 4186 | 89376 |
| PGLYRP1 | 24 | 17662 | 37043 | 8877 | 5468 | 12467 | 2194 | 187963 |
| NPM3 | 24 | 10636 | 6425 | 8709 | 5889 | 12031 | 4056 | 27571 |
| LEFTY1 | 24 | 39801 | 60582 | 22707 | 14579 | 36879 | 1725 | 292273 |
| CREG1 | 16 | 5265 | 3012 | 4471 | 3258 | 5603 | 1908 | 12895 |
| SNRNP200 | 24 | 20472 | 5228 | 19451 | 17405 | 21400 | 13904 | 37850 |
| TIPRL | 24 | 74364 | 27428 | 72494 | 60496 | 84238 | 30105 | 166844 |
| RFPL2 | 24 | 38344 | 7459 | 36956 | 33697 | 42388 | 20763 | 55720 |
| PPM1B | 24 | 12050 | 6817 | 11982 | 7211 | 14951 | 3125 | 33813 |
| UTP20 | 24 | 98053 | 11991 | 96009 | 89416 | 106855 | 78336 | 126460 |
| RP2 | 24 | 11522 | 9589 | 7765 | 6557 | 11861 | 4527 | 48338 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GJB3 | 23 | 12226 | 8961 | 9404 | 6476 | 14080 | 4069 | 43437 |
| STK16 | 23 | 84394 | 68337 | 60244 | 41322 | 95204 | 23328 | 275050 |
| CRTAP | 24 | 12762 | 4332 | 11212 | 9865 | 15412 | 5593 | 22077 |
| B3GALNT1 | 24 | 46330 | 25386 | 38538 | 33589 | 46988 | 20786 | 144146 |
| TCEA3 | 24 | 24454 | 6200 | 23118 | 19824 | 28126 | 13559 | 40163 |
| PALM | 24 | 7075 | 2854 | 6213 | 5801 | 7286 | 3699 | 17696 |
| RNASEH2A | 24 | 71122 | 12896 | 67417 | 61739 | 81658 | 52594 | 102942 |
| EIF3G | 24 | 25439 | 8768 | 24835 | 20216 | 31509 | 11573 | 42310 |
| EIF3J | 24 | 15026 | 4499 | 15937 | 11130 | 18768 | 6918 | 21763 |
| CBR3 | 24 | 32509 | 41198 | 20583 | 13538 | 31389 | 8821 | 207707 |
| PSMD10 | 24 | 30370 | 10001 | 30692 | 21590 | 37546 | 15200 | 47919 |
| ZMPSTE24 | 24 | 61156 | 23576 | 53853 | 47453 | 65334 | 35971 | 145969 |
| PPP1R37 | 24 | 48593 | 14223 | 46877 | 40326 | 54155 | 24359 | 84150 |
| IDH1 | 24 | 373952 | 206454 | 405109 | 214659 | 485513 | 80930 | 899168 |
| GATB | 24 | 6322 | 1377 | 6377 | 5198 | 7205 | 4064 | 8843 |
| SCO1 | 24 | 9561 | 4060 | 9066 | 6407 | 12461 | 2245 | 17966 |
| ATRN | 24 | 23749 | 10408 | 22312 | 17781 | 26725 | 8157 | 52768 |
| RBBP9 | 24 | 40511 | 18907 | 39498 | 24491 | 48788 | 13096 | 85719 |
| STAM2 | 24 | 22966 | 5195 | 22269 | 19244 | 25936 | 13046 | 33019 |
| SULT1C4 | 24 | 6249 | 2887 | 5953 | 4352 | 7596 | 2074 | 15373 |
| ARL6IP5 | 20 | 3734 | 1661 | 3994 | 2155 | 4875 | 1234 | 6837 |
| DCTN3 | 24 | 8243 | 4000 | 7675 | 6506 | 9366 | 2662 | 22646 |
| DNAJC8 | 24 | 18010 | 6820 | 17391 | 13398 | 21122 | 7925 | 39191 |
| ATP5PD | 24 | 15859 | 4394 | 15454 | 12673 | 17711 | 8009 | 25286 |
| SASH3 | 24 | 8378 | 3055 | 7996 | 6530 | 8912 | 3724 | 16796 |
| GLRX3 | 24 | 43066 | 15190 | 43254 | 33291 | 50804 | 14471 | 78101 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RSL1D1 | 24 | 94769 | 35440 | 82022 | 72292 | 95218 | 58177 | 180153 |
| WFS1 | 24 | 7278 | 2633 | 6524 | 5155 | 8717 | 4587 | 14477 |
| SNCG | 24 | 22737 | 21356 | 16175 | 11819 | 19907 | 10325 | 89694 |
| CIAO1 | 19 | 2701 | 1579 | 2363 | 1407 | 3936 | 670 | 6167 |
| DFFB | 24 | 8515 | 6068 | 6959 | 5639 | 8967 | 1907 | 32024 |
| SRP72 | 24 | 4880 | 1611 | 4686 | 3849 | 5467 | 2317 | 9768 |
| DDAH1 | 24 | 84644 | 55469 | 67856 | 46260 | 119615 | 16349 | 251402 |
| MTA2 | 20 | 3767 | 1802 | 3384 | 2510 | 4531 | 1075 | 7775 |
| KBTBD11 | 24 | 52135 | 26047 | 40973 | 35160 | 53651 | 21300 | 113470 |
| ATP10B | 24 | 86714 | 22241 | 82835 | 74545 | 93986 | 48230 | 141556 |
| TOMM70 | 24 | 10676 | 3253 | 10014 | 8659 | 12021 | 5695 | 20730 |
| IPO13 | 21 | 7125 | 4668 | 5684 | 3873 | 10972 | 175 | 17508 |
| TOX4 | 24 | 5504 | 1475 | 5237 | 4505 | 5950 | 3609 | 10267 |
| SEC24D | 24 | 7579 | 3442 | 6772 | 5023 | 9114 | 3067 | 16528 |
| FCHSD2 | 24 | 27658 | 20453 | 22984 | 15895 | 26856 | 12709 | 96151 |
| SASH1 | 24 | 289108 | 72056 | 280537 | 229801 | 321677 | 203994 | 434866 |
| TMEM63A | 24 | 56680 | 18162 | 59582 | 45475 | 67205 | 23591 | 97870 |
| UBXN7 | 24 | 248244 | 107502 | 219199 | 162805 | 321358 | 120838 | 504450 |
| SUN1 | 24 | 52263 | 18741 | 44154 | 40991 | 59451 | 28007 | 93913 |
| PLPBP | 24 | 14610 | 11280 | 11921 | 8334 | 19246 | 2844 | 55338 |
| PCF11 | 24 | 67607 | 19910 | 60084 | 54393 | 80685 | 46890 | 129053 |
| ENDOD1 | 24 | 40096 | 14079 | 35888 | 31610 | 45179 | 19087 | 72985 |
| GLCE | 24 | 27425 | 10392 | 25084 | 20062 | 33633 | 12220 | 48635 |
| FBXO21 | 24 | 8334 | 3079 | 7762 | 5982 | 9714 | 4299 | 17237 |
| RHOBTB3 | 24 | 41323 | 13533 | 36741 | 32372 | 49230 | 25535 | 73092 |
| USP19 | 24 | 24310 | 8748 | 20802 | 18847 | 32463 | 12459 | 44438 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| AP2A2 | 24 | 7043 | 3231 | 6568 | 5352 | 9391 | 1297 | 13871 |
| CLSTN1 | 24 | 41506 | 30601 | 31477 | 18807 | 56020 | 13792 | 142233 |
| INMT | 24 | 12744 | 3944 | 12086 | 10483 | 13335 | 6005 | 24232 |
| AGFG2 | 24 | 11732 | 6469 | 9560 | 7269 | 14577 | 2450 | 31961 |
| NKX2-2 | 24 | 17034 | 6601 | 16239 | 12713 | 19488 | 6466 | 33755 |
| ZFPL1 | 24 | 28545 | 13585 | 27283 | 23752 | 30880 | 5211 | 78859 |
| ELP1 | 23 | 29891 | 17037 | 26400 | 18762 | 34076 | 5141 | 70859 |
| NDUFA7 | 20 | 3068 | 1694 | 2509 | 1904 | 4017 | 795 | 7367 |
| ZNF205 | 24 | 29058 | 6678 | 28886 | 25851 | 30832 | 17303 | 48540 |
| STBD1 | 20 | 7833 | 5014 | 6446 | 4106 | 10419 | 2027 | 20694 |
| ZRANB2 | 24 | 65964 | 17741 | 65106 | 53362 | 74418 | 33427 | 113072 |
| SNX4 | 24 | 44248 | 12732 | 42586 | 37907 | 48823 | 21824 | 83357 |
| OR6A2 | 24 | 228790 | 72958 | 221712 | 169470 | 269039 | 128558 | 435944 |
| LUC7L3 | 24 | 59001 | 13787 | 56007 | 49919 | 68608 | 38864 | 91399 |
| LRAT | 24 | 8776 | 5049 | 8529 | 5145 | 10781 | 2531 | 23185 |
| GOSR1 | 24 | 7782 | 2148 | 7595 | 6295 | 9219 | 3957 | 11945 |
| KCNH1 | 24 | 14526 | 3353 | 14695 | 12250 | 16334 | 9200 | 22129 |
| LYPD3 | 24 | 4773 | 1937 | 4584 | 3828 | 5904 | 1082 | 8750 |
| VAPB | 24 | 6576 | 2657 | 6292 | 4112 | 8518 | 2791 | 12402 |
| PGLS | 24 | 86040 | 30287 | 81542 | 63249 | 101515 | 43756 | 156158 |
| PAPSS2 | 24 | 11602 | 2488 | 11143 | 10114 | 11685 | 8978 | 18532 |
| ATG7 | 24 | 23754 | 8060 | 22315 | 18413 | 28943 | 11232 | 43423 |
| LYPLA2 | 24 | 14270 | 4044 | 14413 | 12462 | 16185 | 4796 | 22527 |
| IPO7 | 24 | 27815 | 11674 | 27348 | 17478 | 32304 | 11237 | 62840 |
| ARIH2 | 24 | 25881 | 11895 | 21221 | 18537 | 29179 | 13702 | 64861 |
| SLU7 | 24 | 49476 | 16504 | 48423 | 38742 | 58097 | 21214 | 83331 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CD2BP2 | 24 | 20155 | 5003 | 18950 | 16417 | 21527 | 14732 | 31227 |
| BAG4 | 24 | 11408 | 5667 | 9894 | 8334 | 12547 | 4403 | 31653 |
| AHSA1 | 24 | 33818 | 10570 | 33569 | 27620 | 41313 | 11241 | 50627 |
| SLC34A2 | 23 | 5744 | 3168 | 5339 | 3678 | 6453 | 1427 | 13915 |
| ABCA1 | 24 | 23413 | 5851 | 22328 | 19122 | 25889 | 15281 | 35835 |
| H6PD | 24 | 19019 | 9290 | 15792 | 13787 | 19493 | 9524 | 44349 |
| SEC24A | 24 | 33118 | 10499 | 28610 | 27697 | 37304 | 21238 | 70280 |
| SEC24B | 24 | 402805 | 157851 | 357938 | 278130 | 465812 | 200991 | 758088 |
| VNN1 | 24 | 67692 | 29801 | 64046 | 45362 | 79865 | 14036 | 138979 |
| PRAMEF12 | 24 | 293011 | 139960 | 264679 | 200070 | 366657 | 89804 | 649002 |
| C1orf105 | 23 | 15671 | 9815 | 11531 | 9144 | 19361 | 5893 | 37716 |
| ETHE1 | 24 | 17716 | 12791 | 13399 | 9954 | 21285 | 5222 | 57401 |
| ZBTB11 | 24 | 75473 | 35933 | 64462 | 57388 | 88595 | 26072 | 203659 |
| STAMBP | 24 | 8316 | 3539 | 7635 | 6641 | 8291 | 4976 | 21681 |
| ECEL1 | 24 | 53255 | 11881 | 51705 | 47233 | 59210 | 33798 | 78756 |
| RAB3D | 24 | 16436 | 9403 | 14257 | 10698 | 17175 | 8254 | 54079 |
| OXSR1 | 24 | 42709 | 11473 | 45005 | 34400 | 52414 | 22599 | 58454 |
| GGPS1 | 24 | 21269 | 17021 | 17678 | 11141 | 23135 | 6439 | 88158 |
| LSM8 | 24 | 22496 | 8313 | 22528 | 15726 | 28978 | 8800 | 39056 |
| AP2A1 | 24 | 47043 | 13624 | 43018 | 38891 | 55137 | 28467 | 81269 |
| WIZ | 24 | 22955 | 5505 | 22520 | 19572 | 24844 | 15019 | 42091 |
| DDX58 | 24 | 18611 | 5521 | 17081 | 14745 | 21238 | 11684 | 34080 |
| CAVIN2 | 24 | 33794 | 12632 | 31437 | 25290 | 39641 | 17374 | 79791 |
| BAG2 | 24 | 8194 | 4935 | 7099 | 4224 | 10168 | 2328 | 21961 |
| BAG3 | 24 | 5858 | 2152 | 5513 | 4307 | 6154 | 3406 | 13187 |
| CRYZL1 | 24 | 6343 | 3138 | 5385 | 4791 | 6342 | 3973 | 18818 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| AIFM1 | 24 | 10952 | 9057 | 7911 | 4749 | 12833 | 2053 | 38841 |
| EML2 | 24 | 16830 | 10229 | 13905 | 11501 | 19440 | 5450 | 55485 |
| NUDT14 | 24 | 7091 | 3454 | 6259 | 4852 | 8103 | 3282 | 18858 |
| TSPAN15 | 24 | 11985 | 4981 | 10396 | 9281 | 13292 | 5238 | 26187 |
| BPNT1 | 24 | 58119 | 29169 | 50458 | 41831 | 74193 | 12145 | 154192 |
| DDAH2 | 24 | 77191 | 44694 | 71678 | 51733 | 92519 | 22175 | 234040 |
| ABHD16A | 24 | 5214 | 2132 | 4718 | 3610 | 6867 | 2022 | 9397 |
| TXNDC12 | 24 | 26088 | 13072 | 23737 | 15936 | 35599 | 8747 | 54022 |
| ECD | 24 | 77096 | 18306 | 75828 | 63626 | 90684 | 36461 | 106867 |
| EFEMP2 | 24 | 16278 | 17318 | 11366 | 7070 | 17285 | 2959 | 84046 |
| SCGB1D2 | 19 | 6165 | 7614 | 4179 | 1064 | 6625 | 468 | 30860 |
| RECK | 24 | 12110 | 5156 | 10783 | 9170 | 13439 | 4730 | 25844 |
| NUDT3 | 24 | 19761 | 8970 | 17826 | 13352 | 23543 | 8521 | 45919 |
| AGR2 | 24 | 35065 | 31568 | 25242 | 16812 | 39891 | 4216 | 121458 |
| PAK4 | 24 | 12724 | 4274 | 12406 | 9462 | 14110 | 7462 | 23430 |
| APBA3 | 24 | 26036 | 14191 | 23632 | 13423 | 33297 | 9468 | 56210 |
| ACTL6A | 24 | 100064 | 58637 | 75970 | 58306 | 127023 | 32685 | 240552 |
| MOCS2 | 20 | 2898 | 1228 | 2741 | 2265 | 3452 | 577 | 6455 |
| CYB5A | 24 | 7010 | 5172 | 5981 | 4632 | 7732 | 2202 | 28250 |
| ADH1B | 24 | 145478 | 206000 | 87212 | 62809 | 113719 | 35805 | 808961 |
| ADH1C | 24 | 53664 | 28659 | 45672 | 37042 | 59995 | 28125 | 161980 |
| ALDH1A1 | 24 | 163156 | 219679 | 98097 | 58886 | 143376 | 19896 | 1064589 |
| SOD1 | 24 | 273031 | 97376 | 241778 | 220800 | 301382 | 161070 | 594656 |
| CP | 24 | 115900 | 63003 | 100369 | 72466 | 139286 | 27874 | 316668 |
| PNP | 24 | 118379 | 39537 | 123262 | 88590 | 141163 | 28248 | 203739 |
| HPRT1 | 24 | 66356 | 39319 | 54522 | 45692 | 64163 | 29749 | 175933 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GOT2 | 24 | 38180 | 18052 | 35329 | 23692 | 46389 | 15234 | 82075 |
| PGK1 | 24 | 1152070 | 337959 | 1141819 | 920693 | 1406460 | 528546 | 1721144 |
| AK1 | 24 | 73379 | 32465 | 70469 | 53621 | 84945 | 33159 | 201563 |
| C1R | 24 | 16314 | 8272 | 14511 | 10336 | 18618 | 5153 | 34359 |
| CFD | 24 | 8031 | 6684 | 5589 | 3827 | 8567 | 1263 | 29339 |
| PLG | 24 | 26446 | 21979 | 19335 | 10233 | 30024 | 3602 | 75490 |
| PLAT | 24 | 9346 | 2916 | 9375 | 7684 | 10482 | 3059 | 16635 |
| CFB | 24 | 131938 | 64227 | 124468 | 72903 | 170778 | 44629 | 275805 |
| ADA | 24 | 13601 | 7384 | 11838 | 7721 | 17209 | 4017 | 29775 |
| CA1 | 24 | 1032600 | 766915 | 840442 | 526643 | 1313931 | 161460 | 3180321 |
| CA2 | 24 | 240746 | 163633 | 195903 | 126865 | 306266 | 53385 | 671872 |
| ASS1 | 24 | 46201 | 57424 | 27817 | 18248 | 43144 | 13215 | 291194 |
| SERPINC1 | 24 | 23411 | 25294 | 12749 | 9042 | 29206 | 2965 | 118257 |
| SERPINA1 | 24 | 1246636 | 831607 | 1037973 | 791296 | 1424336 | 87940 | 3924526 |
| SERPINA3 | 24 | 178750 | 183387 | 88834 | 57127 | 206814 | 30646 | 679142 |
| AGT | 24 | 67291 | 34828 | 60212 | 46049 | 66775 | 17143 | 162876 |
| A2M | 24 | 490451 | 366774 | 392953 | 292671 | 482823 | 78966 | 1447319 |
| C3 | 24 | 342336 | 176207 | 288981 | 218029 | 453282 | 106201 | 712666 |
| C5 | 24 | 23446 | 16458 | 18272 | 14640 | 26631 | 3178 | 60816 |
| TIMP1 | 24 | 21409 | 16012 | 15691 | 10580 | 30404 | 5013 | 74882 |
| CST3 | 24 | 105013 | 74296 | 76184 | 47623 | 145146 | 29283 | 287960 |
| CST4 | 24 | 5380 | 2788 | 4788 | 3797 | 6709 | 1894 | 15463 |
| CST1 | 18 | 3018 | 1682 | 2939 | 1746 | 3866 | 845 | 7354 |
| CSTA | 24 | 41596 | 41539 | 30285 | 25028 | 44710 | 11053 | 226177 |
| KNG1 | 24 | 12807 | 5430 | 11450 | 8728 | 15636 | 2259 | 23467 |
| KNG1 | 24 | 149996 | 94336 | 124946 | 77139 | 187907 | 36737 | 402540 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| HRAS | 24 | 6770 | 2859 | 5761 | 5016 | 8193 | 3646 | 15292 |
| KRAS | 24 | 14219 | 6085 | 12858 | 9725 | 17380 | 5731 | 27655 |
| JCHAIN | 24 | 97332 | 110969 | 55378 | 32638 | 94443 | 8439 | 428240 |
| CD4 | 24 | 43733 | 11967 | 43224 | 35798 | 50968 | 26903 | 74709 |
| PIGR | 24 | 766661 | 1416409 | 211612 | 38078 | 828048 | 3216 | 6337926 |
| HLA-DRA | 24 | 4868 | 2963 | 3618 | 3306 | 6122 | 1200 | 12886 |
| HLA-DRB1 | 24 | 10335 | 4045 | 10161 | 7360 | 11992 | 5915 | 25287 |
| COL1A1 | 24 | 90402 | 21495 | 85376 | 76167 | 99384 | 59501 | 135617 |
| COL3A1 | 24 | 95583 | 14755 | 92443 | 84815 | 101977 | 75799 | 124956 |
| COL4A1 | 24 | 102165 | 21054 | 96641 | 88611 | 108924 | 79413 | 160473 |
| CRYAB | 24 | 26746 | 12366 | 24625 | 16638 | 37183 | 2949 | 47127 |
| LMNA | 24 | 121219 | 208387 | 52130 | 36169 | 97718 | 27015 | 916572 |
| APOA1 | 24 | 920687 | 702341 | 699557 | 447165 | 1067039 | 145610 | 2421268 |
| APOE | 24 | 29485 | 20060 | 22853 | 14577 | 41552 | 6262 | 74975 |
| APOA2 | 24 | 392498 | 323271 | 296564 | 131734 | 536476 | 33820 | 1306622 |
| APOC1 | 21 | 14151 | 15316 | 6844 | 3310 | 22745 | 1883 | 57692 |
| APOC2 | 18 | 18320 | 25442 | 8291 | 3510 | 22100 | 1175 | 88625 |
| APOC3 | 24 | 32870 | 38219 | 14792 | 7334 | 50914 | 1688 | 133614 |
| FGA | 24 | 153481 | 101616 | 130419 | 84558 | 177327 | 32145 | 403562 |
| FGB | 24 | 243389 | 206831 | 202892 | 93334 | 254128 | 40299 | 756826 |
| PMP2 | 24 | 8177 | 4270 | 7069 | 4705 | 9284 | 4016 | 18104 |
| SLC4A1 | 24 | 14355 | 25723 | 7934 | 5318 | 12032 | 3576 | 133052 |
| CRP | 18 | 3878 | 2721 | 3352 | 1900 | 4980 | 570 | 11741 |
| APCS | 24 | 133530 | 291166 | 45461 | 33820 | 74807 | 7927 | 1190268 |
| C1QA | 24 | 35941 | 23242 | 30844 | 20974 | 41737 | 5250 | 88031 |
| C1QB | 24 | 23111 | 13359 | 19131 | 13616 | 30906 | 7966 | 55731 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| C1QC | 24 | 19961 | 12748 | 16076 | 10069 | 28875 | 6318 | 49687 |
| C9 | 24 | 56066 | 36276 | 48570 | 30789 | 66106 | 11460 | 170433 |
| APOH | 24 | 99940 | 66582 | 79922 | 54234 | 122155 | 12768 | 302903 |
| LRG1 | 24 | 70772 | 36412 | 68503 | 40253 | 77305 | 16278 | 167324 |
| FN1 | 24 | 15755 | 20101 | 9724 | 8351 | 13193 | 2724 | 90982 |
| RBP4 | 24 | 36423 | 24803 | 28407 | 20848 | 38383 | 5811 | 106631 |
| AMBP | 24 | 85300 | 48524 | 73635 | 49277 | 101855 | 16082 | 227563 |
| ORM1 | 24 | 490116 | 318089 | 417792 | 283127 | 584314 | 112001 | 1390251 |
| AHSG | 24 | 136079 | 78031 | 118543 | 93423 | 158746 | 32648 | 371079 |
| TTR | 24 | 252208 | 145862 | 212188 | 149360 | 316439 | 40330 | 589070 |
| AFP | 24 | 9778 | 4535 | 9478 | 6408 | 10670 | 4592 | 25449 |
| PPBP | 24 | 35801 | 15948 | 32009 | 25066 | 43322 | 9815 | 74071 |
| PF4 | 22 | 7341 | 6461 | 5089 | 2973 | 9771 | 316 | 27192 |
| TFRC | 24 | 18284 | 7279 | 17815 | 13484 | 21653 | 9282 | 36636 |
| TF | 24 | 1830694 | 1091889 | 1560215 | 1008875 | 2199909 | 412046 | 5560686 |
| LTF | 24 | 545471 | 780415 | 360295 | 178920 | 591024 | 15843 | 3961989 |
| HPX | 24 | 388110 | 237963 | 328847 | 209720 | 430242 | 81934 | 1067423 |
| FTL | 24 | 30812 | 13533 | 27781 | 23051 | 36638 | 8715 | 59694 |
| FTH1 | 24 | 9970 | 8257 | 7768 | 6274 | 11585 | 2801 | 44431 |
| ANG | 24 | 154789 | 108391 | 113135 | 95694 | 182876 | 73396 | 529915 |
| KLKB1 | 24 | 88936 | 54798 | 72720 | 49385 | 103310 | 25853 | 212760 |
| SLPI | 24 | 34379 | 61941 | 6963 | 3482 | 35594 | 1827 | 217037 |
| C4BPA | 24 | 270768 | 265204 | 154544 | 85694 | 321844 | 34540 | 982125 |
| VTN | 24 | 45692 | 32786 | 33160 | 26240 | 58448 | 7732 | 111283 |
| CAT | 24 | 241649 | 163658 | 202093 | 140565 | 251229 | 77353 | 729317 |
| FUCA1 | 24 | 124484 | 100986 | 84990 | 61835 | 143338 | 32172 | 459151 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PROC | 22 | 2814 | 1029 | 2828 | 1918 | 3253 | 1349 | 4757 |
| ALDOA | 24 | 469277 | 152801 | 508253 | 331862 | 555672 | 193066 | 765535 |
| CSTB | 24 | 394516 | 347973 | 309252 | 250548 | 403230 | 89026 | 1841219 |
| ANXA1 | 24 | 237106 | 154952 | 189470 | 142326 | 308735 | 24538 | 622829 |
| APOB | 24 | 53789 | 45396 | 45237 | 25796 | 62123 | 6563 | 184756 |
| PRNP | 22 | 4200 | 4346 | 2774 | 1851 | 4941 | 1262 | 19469 |
| HRG | 24 | 37999 | 30000 | 27549 | 19143 | 52549 | 6469 | 134259 |
| THY1 | 19 | 2151 | 1199 | 1761 | 1370 | 2464 | 706 | 5114 |
| A1BG | 24 | 60474 | 38585 | 50833 | 33791 | 68294 | 11568 | 157825 |
| CD74 | 22 | 3772 | 3720 | 2634 | 1474 | 3903 | 543 | 13493 |
| VWF | 24 | 19987 | 8152 | 17783 | 14145 | 24433 | 10173 | 36756 |
| SHBG | 23 | 4837 | 2641 | 3843 | 2792 | 6604 | 1565 | 10975 |
| GAPDH | 24 | 803862 | 390587 | 681713 | 542816 | 899665 | 303462 | 1789046 |
| GAPDH | 24 | 1425969 | 509731 | 1251614 | 998348 | 1781755 | 812632 | 2509432 |
| CAPNS1 | 24 | 66764 | 18767 | 60566 | 56207 | 69204 | 46355 | 121297 |
| HSPB1 | 24 | 37077 | 41147 | 20438 | 14673 | 40498 | 5178 | 155559 |
| CYBB | 24 | 25641 | 6385 | 23926 | 21388 | 28516 | 14015 | 42539 |
| RPN1 | 24 | 43180 | 20277 | 37021 | 33374 | 47440 | 14617 | 95369 |
| ATP1A1 | 24 | 12552 | 3699 | 12497 | 10097 | 13974 | 7048 | 22910 |
| ARG1 | 24 | 25791 | 30406 | 18988 | 15127 | 25152 | 4472 | 163315 |
| APOD | 24 | 43998 | 39915 | 27269 | 19925 | 50821 | 5132 | 137860 |
| ALDH2 | 24 | 46060 | 35534 | 32080 | 19857 | 57956 | 7545 | 141089 |
| ITGB2 | 24 | 12153 | 4603 | 10536 | 8971 | 13339 | 7217 | 23601 |
| S100A8 | 24 | 489846 | 986657 | 281628 | 142463 | 391832 | 21022 | 5024907 |
| HMGN1 | 24 | 95967 | 33474 | 94813 | 72185 | 121547 | 40685 | 160467 |
| SERPINB2 | 24 | 13026 | 7907 | 10660 | 8617 | 14688 | 4145 | 31289 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SERPINA5 | 24 | 12729 | 16284 | 5728 | 3814 | 16431 | 1971 | 75292 |
| CFI | 24 | 39565 | 16968 | 35848 | 28014 | 50707 | 20195 | 92344 |
| ISG15 | 24 | 12207 | 10380 | 10403 | 3449 | 15854 | 2157 | 41349 |
| PCCB | 24 | 36303 | 11035 | 34935 | 27724 | 40587 | 20451 | 60449 |
| ALPL | 24 | 30153 | 8642 | 29021 | 26016 | 34071 | 13700 | 48748 |
| ALPP | 24 | 9948 | 8460 | 7421 | 3364 | 14702 | 1548 | 37762 |
| EIF2S1 | 24 | 31808 | 11549 | 31018 | 26884 | 39136 | 10575 | 55744 |
| ICAM1 | 24 | 20334 | 6081 | 19449 | 16871 | 23663 | 10378 | 36754 |
| RPLP1 | 24 | 26332 | 16019 | 23730 | 18217 | 30138 | 2041 | 71681 |
| RPLP2 | 24 | 62568 | 29896 | 55194 | 42834 | 83689 | 16667 | 135453 |
| RPLP0 | 24 | 25938 | 14187 | 24058 | 15245 | 32426 | 4017 | 57560 |
| FABP3 | 24 | 171599 | 263883 | 72608 | 51406 | 167945 | 37519 | 1271003 |
| POLR3D | 24 | 242741 | 60258 | 224466 | 197706 | 259794 | 171341 | 373440 |
| REG1A | 20 | 3555 | 2396 | 2954 | 2024 | 4228 | 543 | 10650 |
| CLEC3B | 24 | 19693 | 29708 | 11886 | 8350 | 15519 | 2774 | 149742 |
| SSB | 24 | 107116 | 45210 | 102710 | 72477 | 137354 | 29461 | 182364 |
| SERPINA7 | 24 | 10683 | 5930 | 8735 | 7227 | 12990 | 2276 | 25751 |
| SERPIND1 | 24 | 99508 | 63352 | 84099 | 50782 | 108708 | 20072 | 226575 |
| ITGB1 | 17 | 2440 | 4087 | 1026 | 906 | 1464 | 264 | 14433 |
| PRKCB | 24 | 47399 | 11235 | 46110 | 40580 | 50173 | 32231 | 78766 |
| C1 | 24 | 10808 | 4709 | 10306 | 7652 | 12904 | 3924 | 20277 |
| COL5A2 | 24 | 182329 | 30946 | 174191 | 167078 | 204176 | 130702 | 253019 |
| UROD | 24 | 19580 | 6565 | 17890 | 15400 | 26317 | 8467 | 31322 |
| BCHE | 24 | 7016 | 2647 | 6111 | 5300 | 7310 | 3806 | 13758 |
| GLA | 24 | 7729 | 4796 | 6860 | 3820 | 9431 | 2382 | 20903 |
| GSN | 24 | 334877 | 212244 | 241800 | 199957 | 368789 | 124394 | 872458 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GSN | 24 | 249369 | 116961 | 244724 | 151211 | 270582 | 101663 | 594082 |
| RB1 | 24 | 20701 | 4200 | 18685 | 18315 | 21878 | 14637 | 31464 |
| PGR | 24 | 16235 | 5374 | 14799 | 12796 | 19917 | 6845 | 28565 |
| PTMA | 24 | 320684 | 218168 | 250306 | 174888 | 421638 | 69018 | 914646 |
| ATP5F1B | 24 | 70359 | 38681 | 59515 | 46547 | 99735 | 8977 | 158550 |
| C2 | 24 | 14271 | 6748 | 12608 | 9895 | 17215 | 4114 | 30250 |
| S100A9 | 24 | 983344 | 1984131 | 559874 | 285749 | 809861 | 55352 | 10122203 |
| S100A6 | 24 | 386774 | 231165 | 323390 | 278867 | 427010 | 126150 | 1049135 |
| APOA4 | 24 | 53806 | 74071 | 25696 | 13627 | 47329 | 4298 | 332702 |
| EIF4E | 24 | 37173 | 16849 | 33747 | 26075 | 44352 | 12551 | 81151 |
| ENO1 | 24 | 3478417 | 1124775 | 3529175 | 2431113 | 4321268 | 1583154 | 5585988 |
| PYGL | 24 | 41664 | 31176 | 34048 | 26478 | 44101 | 10176 | 154810 |
| GPI | 24 | 213777 | 65956 | 201234 | 168596 | 250552 | 89396 | 372204 |
| POLB | 24 | 3861 | 1527 | 3695 | 2890 | 4717 | 1158 | 8065 |
| TPM3 | 24 | 55665 | 22380 | 49116 | 42740 | 67676 | 17058 | 118526 |
| HEXA | 24 | 21160 | 12070 | 17170 | 12475 | 27806 | 4855 | 50837 |
| EPHX1 | 24 | 11756 | 14150 | 5582 | 3998 | 13056 | 2185 | 58778 |
| LDHB | 24 | 438214 | 259381 | 325262 | 272918 | 485744 | 230726 | 1106412 |
| GPX1 | 24 | 88371 | 35706 | 80218 | 63301 | 108344 | 37374 | 199229 |
| PGK2 | 24 | 171915 | 38237 | 169416 | 149071 | 200224 | 90557 | 246540 |
| PROS1 | 24 | 19565 | 13515 | 14662 | 10514 | 26884 | 5267 | 53410 |
| P4HB | 24 | 122921 | 71767 | 94963 | 76431 | 173390 | 28244 | 290902 |
| H1-0 | 24 | 100086 | 248544 | 36373 | 20039 | 68889 | 7462 | 1239912 |
| ACYP1 | 24 | 14756 | 5969 | 12888 | 10424 | 17354 | 7281 | 28408 |
| CSF1R | 24 | 21263 | 6790 | 18864 | 17107 | 24848 | 11781 | 42130 |
| CTSD | 24 | 170752 | 193771 | 126147 | 80948 | 175514 | 56463 | 1027316 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ANXA2 | 24 | 281343 | 167828 | 245566 | 166428 | 355447 | 46176 | 678234 |
| C8A | 24 | 137110 | 76113 | 125122 | 89974 | 160798 | 25487 | 281448 |
| C8B | 24 | 44541 | 29062 | 36650 | 28037 | 51654 | 6323 | 105665 |
| GP1BA | 24 | 4837 | 2636 | 4228 | 3447 | 4755 | 2284 | 13409 |
| C8G | 24 | 6285 | 3703 | 5378 | 4260 | 7811 | 966 | 14377 |
| CAPN1 | 24 | 77198 | 29399 | 74810 | 60770 | 85772 | 32809 | 173262 |
| TUBB | 24 | 82840 | 31587 | 80389 | 66815 | 100889 | 29279 | 148230 |
| CA3 | 24 | 25551 | 39875 | 10481 | 7594 | 24127 | 4027 | 199730 |
| IVL | 24 | 28929 | 11354 | 26550 | 21103 | 35754 | 12202 | 51943 |
| DCN | 24 | 10691 | 19210 | 5834 | 3790 | 8026 | 2366 | 97522 |
| PSAP | 24 | 105343 | 65435 | 86664 | 67579 | 108138 | 34179 | 261268 |
| HEXB | 24 | 58909 | 29459 | 54950 | 38761 | 78242 | 24314 | 153312 |
| PFN1 | 24 | 889766 | 327318 | 881035 | 650057 | 1044454 | 451984 | 1840274 |
| BPGM | 24 | 73779 | 52296 | 61089 | 41264 | 93338 | 12248 | 217125 |
| APRT | 24 | 74670 | 25144 | 70697 | 59028 | 86244 | 31774 | 132816 |
| EPRS1 | 24 | 28579 | 13613 | 25790 | 18740 | 35676 | 6960 | 55860 |
| CTSB | 24 | 260332 | 157209 | 254347 | 127753 | 361827 | 28068 | 579792 |
| LDHC | 24 | 62832 | 53246 | 46277 | 35144 | 75919 | 16413 | 278629 |
| HSP90AA1 | 24 | 439259 | 162955 | 467559 | 313030 | 514042 | 139991 | 753312 |
| GALT | 22 | 3097 | 1587 | 3030 | 1981 | 4252 | 794 | 6809 |
| GALT | 24 | 12176 | 6257 | 10566 | 8160 | 14223 | 5452 | 31471 |
| HNRNPC | 24 | 203924 | 134009 | 169925 | 130620 | 214898 | 90281 | 716785 |
| LAMB1 | 24 | 17568 | 6614 | 15322 | 14359 | 18606 | 11734 | 44421 |
| YES1 | 24 | 22415 | 6507 | 22564 | 17060 | 25436 | 12853 | 39770 |
| TPM2 | 24 | 22777 | 19061 | 17244 | 13060 | 21887 | 9222 | 91411 |
| FH | 24 | 20798 | 11466 | 19433 | 12995 | 23875 | 5634 | 50325 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| THBS1 | 24 | 21779 | 11660 | 19543 | 15225 | 27932 | 4529 | 59093 |
| RNASE1 | 24 | 8679 | 4395 | 8405 | 5636 | 11636 | 2050 | 16301 |
| COL1A2 | 24 | 62973 | 19286 | 56834 | 50073 | 71805 | 36103 | 103907 |
| ANXA6 | 24 | 59359 | 65945 | 41060 | 26785 | 57217 | 9987 | 324997 |
| RHOC | 24 | 146336 | 47510 | 137217 | 117801 | 165734 | 84057 | 295952 |
| SERPINA6 | 24 | 26623 | 17863 | 22993 | 16448 | 25060 | 4601 | 68912 |
| SLC3A2 | 23 | 5948 | 4031 | 4946 | 3845 | 6541 | 947 | 18326 |
| GUSB | 24 | 17396 | 15008 | 11870 | 7695 | 21768 | 4493 | 73293 |
| PFKM | 24 | 127889 | 72710 | 97072 | 76379 | 183430 | 60663 | 337346 |
| HSP90AB1 | 24 | 833882 | 303024 | 887555 | 625321 | 958568 | 248037 | 1510978 |
| ELANE | 24 | 81146 | 86144 | 78820 | 31039 | 104499 | 3149 | 443573 |
| MMP2 | 24 | 7361 | 3519 | 6425 | 5616 | 8346 | 3059 | 18664 |
| SOD3 | 24 | 35496 | 72737 | 12379 | 5417 | 24516 | 1397 | 327912 |
| CTSG | 24 | 15062 | 19720 | 9196 | 5572 | 17214 | 863 | 97282 |
| ITGA2B | 24 | 31277 | 7927 | 28887 | 26220 | 35542 | 18050 | 47232 |
| LPA | 24 | 5918 | 1428 | 5623 | 4842 | 6912 | 4056 | 9366 |
| PLEK | 24 | 10527 | 6941 | 9010 | 6883 | 10514 | 3923 | 39128 |
| CD14 | 24 | 55961 | 23865 | 51826 | 40463 | 58952 | 27521 | 133798 |
| COL4A2 | 24 | 43529 | 5721 | 42404 | 38802 | 47813 | 33950 | 56356 |
| SNRPB2 | 24 | 5578 | 1870 | 5437 | 3962 | 6745 | 3001 | 10418 |
| CFH | 24 | 51119 | 31247 | 42539 | 28006 | 68871 | 13185 | 114240 |
| SNRNP70 | 24 | 13610 | 5923 | 12428 | 9728 | 15886 | 3917 | 27822 |
| FCGR3A | 23 | 4748 | 7876 | 3277 | 1827 | 4185 | 995 | 40312 |
| ITGA5 | 24 | 37894 | 11003 | 35295 | 30396 | 39384 | 24017 | 63931 |
| NFIC | 24 | 102606 | 56843 | 87658 | 69187 | 112411 | 53854 | 332874 |
| VIM | 24 | 426199 | 438484 | 289420 | 138586 | 585718 | 47775 | 2004308 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SERPINF2 | 24 | 30607 | 18961 | 25352 | 17942 | 34258 | 7083 | 76594 |
| RPS17 | 24 | 76583 | 42796 | 59547 | 56059 | 89657 | 32669 | 236185 |
| GNAI3 | 24 | 14268 | 5471 | 13766 | 11069 | 15896 | 7174 | 32920 |
| ANXA5 | 24 | 687935 | 484834 | 575806 | 353923 | 806859 | 295357 | 2379344 |
| IGFBP1 | 24 | 41794 | 28987 | 35678 | 23207 | 49290 | 6534 | 132474 |
| RPSA | 24 | 96548 | 33753 | 94212 | 78417 | 110226 | 40811 | 168833 |
| SNRPA | 24 | 24762 | 12308 | 21438 | 15578 | 29411 | 8306 | 62460 |
| ENO2 | 24 | 597655 | 300727 | 577296 | 384051 | 784996 | 163887 | 1247502 |
| SRP19 | 24 | 7162 | 3052 | 6865 | 4743 | 8576 | 3242 | 14209 |
| GSTP1 | 24 | 906916 | 387253 | 799888 | 561155 | 1234814 | 413541 | 1597694 |
| SNRPC | 23 | 8852 | 5790 | 7146 | 6584 | 9713 | 1104 | 26466 |
| MMP7 | 24 | 35014 | 31957 | 24202 | 15633 | 39372 | 10663 | 136851 |
| MMP10 | 24 | 10085 | 4704 | 8601 | 7256 | 11166 | 4212 | 21290 |
| LGALS1 | 24 | 166292 | 90187 | 151309 | 99758 | 212385 | 26020 | 346883 |
| QDPR | 24 | 21274 | 11828 | 18265 | 12403 | 25973 | 9455 | 60951 |
| HMGB1 | 24 | 233612 | 137219 | 240903 | 148989 | 303951 | 42915 | 618442 |
| RBP1 | 24 | 43590 | 36551 | 27742 | 12209 | 77429 | 553 | 107468 |
| FBP1 | 24 | 22870 | 18070 | 18888 | 7976 | 35797 | 2034 | 70837 |
| SPARC | 24 | 13391 | 4881 | 12020 | 10482 | 15556 | 7579 | 24796 |
| GSTM1 | 24 | 42791 | 47070 | 21601 | 15456 | 56361 | 3867 | 215361 |
| TPM1 | 24 | 19394 | 8749 | 17818 | 12737 | 20857 | 11150 | 39513 |
| ANXA4 | 24 | 324733 | 252933 | 234135 | 164658 | 370683 | 44149 | 934627 |
| ANXA4 | 24 | 4760 | 3584 | 4017 | 2714 | 5537 | 1245 | 18480 |
| HMOX1 | 24 | 5394 | 1420 | 5122 | 4489 | 6258 | 3183 | 8105 |
| DLD | 24 | 19160 | 7653 | 17529 | 13179 | 21904 | 10938 | 38810 |
| SNRPA1 | 24 | 27049 | 14951 | 23219 | 16739 | 31517 | 10778 | 77799 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CTSH | 24 | 33372 | 24686 | 23961 | 16351 | 42803 | 8467 | 97795 |
| COX6C | 24 | 11373 | 6281 | 9986 | 7668 | 13311 | 2625 | 25137 |
| TACSTD2 | 24 | 21551 | 3763 | 20949 | 19021 | 23635 | 15730 | 30588 |
| C1S | 24 | 10996 | 5600 | 9680 | 7156 | 12372 | 4686 | 22885 |
| PARP1 | 24 | 401542 | 225227 | 350871 | 212562 | 529492 | 163390 | 912346 |
| IFIT2 | 24 | 31703 | 15690 | 29009 | 23746 | 32977 | 15136 | 95332 |
| IFIT1 | 24 | 17786 | 6878 | 15296 | 12654 | 24182 | 8104 | 30529 |
| ALPI | 24 | 10750 | 6612 | 7897 | 5989 | 13786 | 4333 | 26915 |
| UCHL1 | 24 | 23325 | 34812 | 7328 | 4458 | 19601 | 1816 | 121463 |
| ALDOC | 24 | 58190 | 36354 | 47258 | 38610 | 65506 | 25677 | 199395 |
| NUDT17 | 24 | 132134 | 71862 | 114447 | 92822 | 152828 | 38770 | 388567 |
| C4A | 24 | 125445 | 83127 | 114142 | 67014 | 171593 | 23661 | 328477 |
| C4B | 24 | 9048 | 5755 | 8074 | 5071 | 11039 | 2417 | 29408 |
| H2AZ1;H2AZ2 | 24 | 71576 | 56044 | 52810 | 40040 | 64832 | 23197 | 266397 |
| WEE2 | 24 | 67393 | 36071 | 55718 | 42267 | 81001 | 25826 | 166739 |
| OR4E1 | 23 | 15848 | 9076 | 14025 | 11299 | 16096 | 5066 | 39728 |
| ANKRD34C | 24 | 27735 | 6825 | 28729 | 24142 | 32845 | 12267 | 37923 |
| DCAF8L2 | 24 | 96304 | 26091 | 89525 | 77918 | 124003 | 49320 | 151123 |
| PABPC4L | 24 | 8129 | 4273 | 6615 | 5237 | 10142 | 2429 | 21688 |
| POTEJ | 23 | 7878 | 4547 | 7623 | 4068 | 10410 | 2439 | 16680 |
| THEGL | 24 | 25577 | 6239 | 24889 | 21653 | 27547 | 16655 | 47829 |
| SAA1 | 17 | 2947 | 2631 | 1768 | 1445 | 2749 | 597 | 7818 |
| SPATA31C1 | 24 | 16658 | 2602 | 16028 | 15367 | 18796 | 11795 | 22128 |
| HSPA1A;HSPA1B | 24 | 385252 | 229521 | 327077 | 265183 | 438811 | 70383 | 1145273 |
| CBSL;CBS;CBS | 24 | 42166 | 20251 | 40703 | 29157 | 49868 | 17220 | 110770 |
| CALM1;CALM2;CALM3 | 24 | 419934 | 133726 | 401653 | 321163 | 511527 | 173713 | 704650 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SCHIP1 | 22 | 34031 | 15351 | 35842 | 24544 | 44912 | 2679 | 61525 |
| AMY1B;AMY1C;AMY1A | 24 | 10537 | 8400 | 6520 | 4650 | 15367 | 1326 | 29702 |
| FDX1 | 24 | 14347 | 6484 | 13002 | 10070 | 17395 | 3300 | 29497 |
| RNASE2 | 24 | 12296 | 23145 | 6092 | 3745 | 9589 | 1280 | 117089 |
| RO60 | 24 | 21873 | 10165 | 21984 | 13473 | 26226 | 5587 | 44450 |
| GAA | 24 | 46067 | 33526 | 30416 | 21191 | 67507 | 8067 | 122985 |
| RRAS | 24 | 9580 | 11431 | 6116 | 4833 | 10189 | 3015 | 59951 |
| HLA-C | 18 | 2190 | 1140 | 2089 | 1256 | 3013 | 541 | 4479 |
| H1-4 | 24 | 20125 | 21221 | 13665 | 9589 | 21737 | 4631 | 107012 |
| SPP1 | 22 | 6450 | 6224 | 4272 | 3232 | 8342 | 1012 | 29495 |
| SPP1 | 24 | 13481 | 13945 | 9027 | 4508 | 16087 | 3029 | 55199 |
| DLAT | 24 | 516302 | 138226 | 473380 | 462585 | 583937 | 206166 | 833516 |
| NR2F6 | 24 | 77592 | 78341 | 52285 | 43599 | 73945 | 15846 | 368114 |
| TXN | 24 | 722905 | 228596 | 678383 | 583280 | 856645 | 320753 | 1407347 |
| COX5B | 20 | 6226 | 14000 | 2816 | 1715 | 4285 | 1140 | 65183 |
| CTSA | 24 | 18084 | 8584 | 15726 | 13209 | 20415 | 6865 | 42870 |
| MAPT | 24 | 48769 | 10503 | 46406 | 40544 | 55835 | 30890 | 66195 |
| C7 | 24 | 14177 | 16269 | 8762 | 5819 | 14696 | 3683 | 79409 |
| PRKAR1A | 24 | 22700 | 14780 | 19156 | 13503 | 26233 | 7986 | 69068 |
| CHGA | 24 | 6955 | 5825 | 4846 | 3209 | 7441 | 1602 | 21796 |
| ALPG | 24 | 5024 | 2758 | 4497 | 2999 | 5985 | 1150 | 11779 |
| UROS | 24 | 15977 | 6127 | 15061 | 12050 | 20122 | 5510 | 28771 |
| ESD | 24 | 135567 | 78086 | 112369 | 97861 | 144411 | 65983 | 420257 |
| HSPD1 | 24 | 63548 | 38786 | 54728 | 32871 | 87656 | 16190 | 145830 |
| CLU | 24 | 907797 | 946999 | 405636 | 289404 | 1222400 | 165798 | 3875784 |
| HAPLN1 | 24 | 5264 | 1929 | 5556 | 3214 | 6788 | 1976 | 8921 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| HSPA5 | 24 | 121373 | 70002 | 94039 | 72047 | 157327 | 33688 | 287448 |
| LAMC1 | 24 | 142415 | 131599 | 100573 | 86378 | 127218 | 72937 | 711732 |
| ACP2 | 24 | 12021 | 5179 | 11216 | 8480 | 15645 | 4074 | 22419 |
| HSPA8 | 24 | 385955 | 157053 | 358073 | 260650 | 500744 | 142066 | 712378 |
| EPB41 | 24 | 19968 | 6139 | 18924 | 15293 | 25038 | 10756 | 31071 |
| UMPS | 24 | 9806 | 4798 | 8510 | 6272 | 11629 | 4100 | 21871 |
| DBT | 20 | 9859 | 4446 | 9948 | 7336 | 13118 | 1300 | 17540 |
| PYGB | 24 | 47325 | 37044 | 30813 | 21943 | 69529 | 7196 | 141997 |
| MBL2 | 24 | 395524 | 148699 | 370515 | 303841 | 498100 | 112703 | 650022 |
| RALA | 24 | 15680 | 6043 | 15027 | 11309 | 19941 | 6189 | 26428 |
| NAT2 | 24 | 48907 | 34167 | 40710 | 29113 | 59106 | 6740 | 176130 |
| SPTB | 24 | 214487 | 70676 | 205923 | 162461 | 231043 | 131700 | 404586 |
| LAMP1 | 24 | 92864 | 28601 | 83704 | 73743 | 108130 | 57318 | 155027 |
| TOP1 | 24 | 61131 | 25065 | 54265 | 42276 | 80193 | 31543 | 140493 |
| UBL4A | 24 | 3867 | 1185 | 3904 | 3137 | 4369 | 1336 | 6112 |
| GNAT1 | 23 | 7234 | 3646 | 7300 | 5219 | 8886 | 1547 | 16797 |
| MTHFD1 | 24 | 26376 | 11836 | 25264 | 17689 | 32222 | 7358 | 52924 |
| ADH5 | 24 | 132691 | 85636 | 105756 | 92071 | 123093 | 35573 | 417412 |
| CDK4 | 24 | 69320 | 17659 | 64300 | 56569 | 81147 | 44186 | 104730 |
| CRYGA | 24 | 11456 | 7678 | 9850 | 6515 | 11962 | 1907 | 33704 |
| PABPC1 | 24 | 85339 | 39383 | 87003 | 56636 | 109988 | 17393 | 191143 |
| PCNA | 24 | 34499 | 16086 | 38512 | 22121 | 44769 | 2891 | 62089 |
| HARS1 | 24 | 31553 | 11880 | 29939 | 23564 | 37209 | 12573 | 57299 |
| COL6A1 | 24 | 9872 | 4781 | 8057 | 6602 | 12379 | 5140 | 26589 |
| COL6A2 | 24 | 43620 | 13283 | 39639 | 36699 | 48106 | 24356 | 68700 |
| COL6A3 | 24 | 234930 | 132877 | 198555 | 173093 | 234439 | 113890 | 686704 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| IMPDH2 | 24 | 15784 | 7343 | 15751 | 9253 | 21214 | 5293 | 26765 |
| TPR | 24 | 96643 | 26601 | 94823 | 80644 | 104601 | 57949 | 191213 |
| PIP | 16 | 3373 | 3207 | 2295 | 1160 | 4502 | 298 | 12277 |
| CKB | 24 | 78752 | 111428 | 45274 | 15708 | 73314 | 3379 | 417228 |
| ANXA3 | 24 | 145270 | 131765 | 125451 | 94292 | 142277 | 13718 | 723068 |
| BMP4 | 24 | 42721 | 12518 | 38391 | 35304 | 48773 | 28119 | 76801 |
| BCKDHA | 24 | 17344 | 3867 | 16667 | 13894 | 20700 | 11847 | 23846 |
| RNASE3 | 24 | 10719 | 13223 | 6990 | 3078 | 11500 | 1450 | 65830 |
| ACTN1 | 24 | 290019 | 166166 | 223377 | 186515 | 298688 | 96036 | 776571 |
| CDH1 | 24 | 44404 | 21519 | 39047 | 28983 | 60035 | 14891 | 92796 |
| MYH7 | 24 | 41019 | 6744 | 40461 | 37668 | 43423 | 32105 | 63872 |
| SRC | 24 | 101821 | 41389 | 96144 | 75519 | 125814 | 32561 | 192403 |
| PEPD | 24 | 42349 | 17621 | 38015 | 32219 | 44143 | 21121 | 100104 |
| XRCC6 | 24 | 33647 | 19874 | 28968 | 19769 | 40201 | 11403 | 89059 |
| XRCC5 | 24 | 72607 | 37309 | 66346 | 41230 | 96098 | 21029 | 164142 |
| IFI30 | 24 | 14544 | 10542 | 12862 | 6896 | 20520 | 668 | 40827 |
| RNH1 | 24 | 160796 | 80931 | 146667 | 123814 | 159778 | 67211 | 495307 |
| SCG2 | 24 | 241844 | 56354 | 226735 | 200310 | 276124 | 146685 | 361892 |
| EEF2 | 24 | 228966 | 62013 | 221212 | 188258 | 258681 | 118528 | 362176 |
| PDIA4 | 24 | 114701 | 65897 | 103211 | 69443 | 149319 | 15307 | 280138 |
| C6 | 24 | 11551 | 7111 | 9709 | 6620 | 14713 | 3137 | 25403 |
| TPT1 | 24 | 32844 | 11814 | 34864 | 24280 | 41253 | 13359 | 49849 |
| ALAD | 24 | 100428 | 41411 | 91902 | 78642 | 111022 | 46989 | 210879 |
| LCP1 | 24 | 244714 | 195667 | 193462 | 163774 | 257784 | 70134 | 1037290 |
| PLS3 | 24 | 185210 | 79129 | 179204 | 133780 | 223933 | 59857 | 391144 |
| APEH | 24 | 85950 | 26097 | 87963 | 69717 | 96701 | 29437 | 140927 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ETFA | 24 | 7929 | 4925 | 5927 | 4897 | 8923 | 1225 | 20874 |
| GYS1 | 24 | 27465 | 9305 | 25618 | 22429 | 30717 | 8649 | 48605 |
| GTF2F2 | 24 | 19552 | 8770 | 18219 | 14451 | 25173 | 6508 | 39726 |
| MIF | 24 | 1234661 | 519605 | 1136951 | 926075 | 1580050 | 240289 | 2445593 |
| CD99 | 21 | 14334 | 12991 | 8881 | 7483 | 17118 | 3492 | 54855 |
| PRKCSH | 24 | 60986 | 33025 | 46637 | 35971 | 81371 | 25269 | 148861 |
| HCLS1 | 24 | 285195 | 99836 | 259309 | 207390 | 376215 | 147767 | 514773 |
| FDPS | 24 | 98894 | 48203 | 92305 | 72084 | 109621 | 20349 | 204735 |
| CPM | 24 | 16513 | 6902 | 15845 | 12201 | 19086 | 6848 | 34894 |
| NID1 | 24 | 74042 | 34575 | 58176 | 51317 | 86481 | 38314 | 185703 |
| AKR1A1 | 24 | 61244 | 27505 | 61220 | 42675 | 76616 | 5123 | 116460 |
| PKM | 24 | 1324079 | 470998 | 1505770 | 988114 | 1610896 | 418510 | 2108734 |
| PKM | 24 | 299175 | 132384 | 309548 | 220609 | 390466 | 57145 | 550814 |
| ACYP2 | 24 | 10530 | 5366 | 9778 | 7011 | 11451 | 4977 | 29773 |
| HSP90B1 | 24 | 235462 | 153324 | 167706 | 151994 | 268191 | 77883 | 648643 |
| CCNB1 | 24 | 48047 | 23955 | 39938 | 33137 | 54049 | 17885 | 95405 |
| IDE | 24 | 29751 | 11934 | 26543 | 21254 | 35558 | 18412 | 72715 |
| MMP9 | 24 | 36440 | 88254 | 13672 | 8226 | 31392 | 2650 | 444663 |
| COX6B1 | 24 | 12972 | 12996 | 8326 | 6174 | 14609 | 4045 | 65173 |
| HNRNPL | 24 | 48194 | 26670 | 37946 | 33603 | 54366 | 23501 | 147040 |
| DARS1 | 24 | 49928 | 16018 | 50637 | 38672 | 57340 | 26170 | 89483 |
| IDO1 | 24 | 54448 | 61555 | 21335 | 17786 | 73959 | 9940 | 224371 |
| JUP | 24 | 19925 | 13120 | 17476 | 9218 | 23670 | 4974 | 53661 |
| CPA3 | 24 | 12527 | 4730 | 11041 | 8808 | 15449 | 7334 | 24756 |
| FABP4 | 24 | 23474 | 24027 | 15959 | 7571 | 26716 | 2786 | 101640 |
| GLUL | 24 | 17628 | 11342 | 14716 | 11030 | 23736 | 5590 | 51950 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| AKR1B1 | 24 | 188972 | 156400 | 128663 | 64357 | 314856 | 27806 | 626610 |
| RAC2 | 24 | 49101 | 37030 | 39158 | 24444 | 67671 | 5903 | 161437 |
| CPN1 | 24 | 18798 | 10870 | 15281 | 11795 | 19490 | 8234 | 50162 |
| GSPT1 | 24 | 26089 | 8148 | 28707 | 22222 | 31047 | 7235 | 37684 |
| PGAM2 | 24 | 82846 | 18651 | 76936 | 70963 | 92864 | 61334 | 124281 |
| EZR | 24 | 96176 | 48342 | 103324 | 57811 | 121604 | 10757 | 195771 |
| FOLR1 | 22 | 9456 | 9072 | 5423 | 2770 | 11549 | 1727 | 28531 |
| UCHL3 | 24 | 10602 | 3406 | 10179 | 8185 | 12605 | 5893 | 17531 |
| NME1 | 24 | 59791 | 31079 | 59667 | 38167 | 80664 | 9639 | 119334 |
| GNS | 24 | 22100 | 12135 | 20978 | 13057 | 27750 | 7914 | 55253 |
| ARSB | 24 | 78149 | 48941 | 60068 | 50514 | 80082 | 25630 | 199509 |
| RPS2 | 24 | 9725 | 8621 | 7795 | 3975 | 10463 | 2404 | 38219 |
| ST6GAL1 | 24 | 59116 | 19450 | 58248 | 45644 | 66459 | 31975 | 110995 |
| DSP | 24 | 69194 | 16172 | 69299 | 60190 | 75616 | 39914 | 103522 |
| GATA1 | 24 | 222392 | 65145 | 213317 | 194442 | 246396 | 111707 | 366299 |
| TIMP2 | 22 | 2315 | 709 | 2300 | 1892 | 2575 | 1144 | 3904 |
| NQO2 | 24 | 11083 | 6718 | 9200 | 7703 | 12559 | 1539 | 31224 |
| SELP | 24 | 5580 | 2088 | 5376 | 3880 | 6045 | 2652 | 10278 |
| CBR1 | 24 | 49615 | 33610 | 39301 | 33172 | 59626 | 17411 | 181146 |
| ACADS | 24 | 10384 | 3920 | 9741 | 8014 | 11576 | 5036 | 24262 |
| NCK1 | 24 | 3613 | 2385 | 2754 | 1886 | 4464 | 1080 | 9201 |
| H1-5 | 24 | 136131 | 123548 | 94607 | 46360 | 175565 | 16729 | 525801 |
| H1-3 | 24 | 453019 | 844472 | 237596 | 114450 | 425269 | 62491 | 4299350 |
| H1-2 | 24 | 23102 | 28775 | 13469 | 8709 | 21132 | 4851 | 129181 |
| EPCAM | 24 | 69046 | 13462 | 67615 | 58071 | 78049 | 49081 | 99159 |
| POR | 24 | 18377 | 5575 | 17684 | 15164 | 20631 | 9974 | 33376 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| MGMT | 23 | 7364 | 3707 | 6318 | 4799 | 8833 | 1308 | 15091 |
| PLCG2 | 24 | 29956 | 6701 | 27227 | 25776 | 34445 | 22788 | 50193 |
| FAH | 24 | 17530 | 10092 | 15578 | 10880 | 21433 | 3341 | 42111 |
| NAGA | 24 | 13556 | 4219 | 12302 | 10247 | 16681 | 6709 | 21689 |
| HSPA6 | 24 | 113187 | 56960 | 102694 | 77417 | 135027 | 51221 | 318156 |
| GOT1 | 24 | 47691 | 23428 | 38844 | 30493 | 57476 | 23019 | 95733 |
| BPI | 24 | 100223 | 65419 | 85391 | 59274 | 109248 | 50373 | 364685 |
| JUND | 24 | 7683 | 3108 | 6936 | 5473 | 9103 | 3864 | 17203 |
| CAPN2 | 24 | 70253 | 35579 | 53439 | 47048 | 76005 | 36018 | 146715 |
| DES | 24 | 40117 | 28713 | 31372 | 28698 | 41469 | 20343 | 158210 |
| CTPS1 | 24 | 6753 | 2657 | 6769 | 4325 | 8828 | 3053 | 12442 |
| DDX5 | 24 | 59669 | 37783 | 50599 | 34489 | 75199 | 20304 | 189894 |
| PFKL | 24 | 130197 | 58187 | 107841 | 94890 | 156152 | 46706 | 247996 |
| GM2A | 24 | 242464 | 136790 | 201652 | 159813 | 250945 | 120388 | 725005 |
| LGALS3 | 24 | 86761 | 48854 | 73026 | 60691 | 108509 | 6686 | 194404 |
| FLT1 | 24 | 34493 | 3796 | 33857 | 32500 | 36362 | 25998 | 41830 |
| PSMC3 | 24 | 27537 | 11544 | 27130 | 19848 | 34497 | 8942 | 60924 |
| TCP1 | 24 | 85153 | 39451 | 85081 | 65931 | 92827 | 27576 | 217215 |
| PTPN1 | 24 | 49884 | 14864 | 44931 | 41786 | 53020 | 34110 | 94514 |
| IGFBP2 | 24 | 14832 | 7915 | 14539 | 9569 | 19418 | 2469 | 34357 |
| RPL35A | 23 | 7627 | 2809 | 6586 | 5744 | 9553 | 2179 | 12964 |
| ITGB5 | 24 | 11990 | 21498 | 7251 | 6303 | 8322 | 4689 | 112493 |
| ARF4 | 24 | 20957 | 12335 | 21217 | 9721 | 28674 | 2995 | 52351 |
| RPL7 | 24 | 19791 | 14910 | 14577 | 11809 | 22509 | 3546 | 71201 |
| VCL | 24 | 17756 | 14159 | 14410 | 11064 | 16532 | 6517 | 66439 |
| LBP | 24 | 19757 | 11646 | 16588 | 11503 | 22436 | 6257 | 51288 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PTPRA | 24 | 12785 | 5923 | 12620 | 8822 | 14772 | 3890 | 25848 |
| NAT1 | 23 | 12818 | 7220 | 11281 | 7711 | 16000 | 3131 | 35351 |
| PGAM1 | 24 | 404507 | 145620 | 364897 | 304489 | 424231 | 218498 | 792541 |
| SDC1 | 24 | 9667 | 4583 | 8722 | 6626 | 11537 | 1934 | 18711 |
| XRCC1 | 24 | 14566 | 4826 | 13364 | 11662 | 17623 | 7785 | 25695 |
| TNNI1 | 24 | 7941 | 2857 | 7485 | 6545 | 8661 | 2694 | 16544 |
| NCL | 24 | 122753 | 59919 | 113977 | 84245 | 146530 | 45570 | 273836 |
| POLR2E | 23 | 6599 | 5645 | 5110 | 3930 | 6495 | 2832 | 30571 |
| NDUFV2 | 24 | 8241 | 4581 | 7106 | 5494 | 8908 | 4217 | 24990 |
| TNFRSF1A | 24 | 12508 | 13707 | 10101 | 4897 | 12942 | 1500 | 61023 |
| TRIM21 | 24 | 13967 | 12553 | 10009 | 8447 | 11645 | 6342 | 59509 |
| EIF2AK2 | 24 | 33615 | 13916 | 29162 | 25132 | 35236 | 20251 | 82178 |
| SRM | 24 | 27683 | 13483 | 28540 | 18415 | 36473 | 5231 | 48798 |
| ORM2 | 24 | 163260 | 91016 | 144482 | 98462 | 199014 | 37609 | 461265 |
| CSNK2A2 | 24 | 4239 | 2202 | 3847 | 2701 | 4965 | 1196 | 9903 |
| ITIH2 | 24 | 49612 | 32718 | 46146 | 28627 | 53544 | 11380 | 129896 |
| ITIH1 | 24 | 43434 | 26214 | 41319 | 23682 | 49924 | 8382 | 106234 |
| NFKB1 | 24 | 13718 | 5249 | 11732 | 10635 | 13960 | 8408 | 25332 |
| NCF2 | 24 | 11645 | 11466 | 9136 | 5584 | 13749 | 3633 | 61486 |
| PI3 | 21 | 3041 | 2273 | 2374 | 1608 | 4093 | 894 | 10528 |
| TYMP | 24 | 57941 | 42142 | 49655 | 30980 | 60468 | 12982 | 192995 |
| EIF2S2 | 24 | 39887 | 14475 | 40509 | 27466 | 48764 | 16578 | 68250 |
| TCN1 | 24 | 5585 | 3775 | 4628 | 3367 | 6511 | 2678 | 20579 |
| ANXA7 | 24 | 42969 | 25996 | 35485 | 25843 | 43107 | 18423 | 113148 |
| AZU1 | 24 | 92369 | 163305 | 49013 | 18883 | 82358 | 3100 | 802763 |
| TPSB2;TPSAB1 | 24 | 83333 | 91511 | 55791 | 39663 | 81217 | 11133 | 454768 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| BTF3 | 24 | 12633 | 3486 | 12511 | 10250 | 14401 | 5870 | 20263 |
| RAB3B | 24 | 11320 | 4510 | 11061 | 8279 | 12236 | 2780 | 24807 |
| RAB4A | 24 | 46125 | 22904 | 39754 | 33929 | 47822 | 25021 | 137297 |
| RAB6A | 24 | 23416 | 9197 | 21225 | 18749 | 24611 | 14035 | 54784 |
| MX1 | 24 | 74603 | 47001 | 51178 | 44189 | 107931 | 22547 | 191056 |
| PSMB1 | 24 | 70025 | 27477 | 68969 | 47952 | 83988 | 28517 | 138635 |
| COX5A | 20 | 2762 | 1589 | 2889 | 1544 | 3415 | 309 | 6258 |
| LMNB1 | 24 | 117480 | 98845 | 88196 | 68401 | 119029 | 35238 | 496592 |
| ITGAX | 24 | 12807 | 1541 | 12713 | 11652 | 13769 | 10001 | 15446 |
| GZMH | 22 | 15892 | 13840 | 9892 | 7135 | 21214 | 3038 | 55901 |
| PZP | 24 | 192973 | 129843 | 162395 | 128013 | 185014 | 39965 | 551085 |
| OGN | 24 | 41033 | 58727 | 21178 | 17983 | 37216 | 12861 | 294817 |
| CAST | 24 | 57990 | 18846 | 50430 | 44398 | 73076 | 36509 | 104352 |
| EFNA1 | 23 | 7487 | 5197 | 6307 | 3504 | 11157 | 1705 | 21106 |
| C4BPB | 23 | 8954 | 3207 | 7915 | 6981 | 10576 | 3485 | 15547 |
| AGA | 24 | 17039 | 7845 | 16857 | 11057 | 19495 | 8301 | 37364 |
| RASA1 | 24 | 26272 | 8073 | 27034 | 20715 | 31878 | 8272 | 40991 |
| PTMS | 24 | 200798 | 176196 | 118460 | 64899 | 350369 | 16643 | 552932 |
| PTN | 24 | 29224 | 14140 | 24504 | 18171 | 33023 | 14689 | 59583 |
| GSTM3 | 24 | 76442 | 85388 | 55264 | 15294 | 101645 | 7291 | 349591 |
| ATP6V1B2 | 24 | 13759 | 4195 | 13897 | 11021 | 14991 | 7370 | 22739 |
| ATP6V1C1 | 24 | 79333 | 25937 | 73674 | 66911 | 88479 | 39972 | 143778 |
| CSRP1 | 24 | 199683 | 518263 | 47035 | 34766 | 66458 | 19282 | 2062338 |
| ACO1 | 24 | 29896 | 14796 | 26593 | 20393 | 33194 | 9343 | 76808 |
| S1PR1 | 24 | 19711 | 6489 | 17232 | 14975 | 24068 | 10763 | 33223 |
| NT5E | 24 | 15722 | 9130 | 10572 | 8751 | 24809 | 5016 | 32787 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| EPHA1 | 24 | 16764 | 5851 | 15550 | 13119 | 18857 | 8770 | 35955 |
| MDK | 24 | 18458 | 10763 | 17551 | 8916 | 24761 | 3191 | 39597 |
| ZP3 | 24 | 13485 | 3156 | 13032 | 11935 | 14414 | 9263 | 22842 |
| VDAC1 | 24 | 22474 | 8370 | 20433 | 16898 | 27335 | 10804 | 45740 |
| BGN | 24 | 22857 | 6319 | 20870 | 19802 | 24283 | 15734 | 44916 |
| CD9 | 24 | 13747 | 6036 | 13436 | 9420 | 16468 | 6327 | 31060 |
| BCKDHB | 24 | 9920 | 2731 | 9642 | 7491 | 12063 | 6366 | 15773 |
| COMT | 24 | 31693 | 24212 | 24814 | 17079 | 33963 | 3468 | 91004 |
| TGM2 | 24 | 26963 | 22324 | 19179 | 13840 | 39380 | 3118 | 98272 |
| MMUT | 24 | 33696 | 8388 | 31726 | 28276 | 35996 | 24167 | 59444 |
| OSBP | 24 | 6333 | 1799 | 6287 | 4733 | 7591 | 3650 | 9493 |
| PCMT1 | 24 | 20675 | 5842 | 19535 | 15993 | 23038 | 13272 | 37035 |
| FBL | 24 | 122246 | 49990 | 114354 | 90324 | 156562 | 26035 | 251179 |
| GART | 24 | 23948 | 9180 | 21640 | 18025 | 30492 | 10179 | 48487 |
| PAICS | 24 | 64875 | 39501 | 57828 | 39503 | 75222 | 14742 | 159165 |
| GPX3 | 24 | 17805 | 14815 | 11122 | 7465 | 22581 | 4915 | 60553 |
| NME2 | 24 | 500824 | 197342 | 471743 | 391701 | 575541 | 179422 | 1030031 |
| ENPP1 | 24 | 63842 | 19288 | 58493 | 52582 | 67563 | 37704 | 107985 |
| HNRNPA2B1 | 24 | 218163 | 128459 | 171511 | 137531 | 288639 | 47563 | 512496 |
| RFX1 | 20 | 6667 | 4145 | 5968 | 3527 | 10161 | 1048 | 15140 |
| C2 | 23 | 7307 | 2483 | 6681 | 5587 | 8301 | 4116 | 14004 |
| CBL | 24 | 29987 | 4801 | 30789 | 26876 | 33603 | 19878 | 38251 |
| IGFBP4 | 20 | 18148 | 12979 | 17136 | 7739 | 25520 | 1322 | 53411 |
| UQCRC2 | 24 | 9675 | 7535 | 6180 | 4498 | 14479 | 2580 | 32651 |
| CPN2 | 24 | 9437 | 6129 | 7630 | 5486 | 11905 | 1975 | 25083 |
| MMP8 | 24 | 16156 | 19181 | 11671 | 9431 | 14270 | 5953 | 103139 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FBLN1 | 24 | 76521 | 116233 | 40426 | 19914 | 54378 | 10147 | 554042 |
| FBLN1 | 24 | 74216 | 147617 | 30310 | 17714 | 45928 | 5084 | 715407 |
| TCEA1 | 24 | 18643 | 8590 | 19241 | 11532 | 25773 | 4286 | 35413 |
| SFPQ | 24 | 69662 | 36918 | 63814 | 43266 | 80534 | 30060 | 192174 |
| PPIB | 24 | 139142 | 82259 | 109454 | 85236 | 174125 | 35089 | 336929 |
| S100A1 | 24 | 52653 | 34264 | 40403 | 32089 | 58992 | 13757 | 132096 |
| HRC | 24 | 49124 | 28760 | 39835 | 31364 | 54668 | 17532 | 112305 |
| ME2 | 24 | 7968 | 4675 | 6665 | 4832 | 9876 | 1367 | 20234 |
| WARS1 | 24 | 67376 | 80729 | 35903 | 25264 | 78572 | 14412 | 302369 |
| RPS3 | 24 | 52338 | 23313 | 49561 | 40029 | 57560 | 17432 | 124505 |
| GCSH | 24 | 11794 | 5437 | 12633 | 7578 | 15329 | 2117 | 22554 |
| SP100 | 24 | 23144 | 6154 | 21464 | 19052 | 24357 | 16136 | 40486 |
| AHCY | 24 | 225891 | 72816 | 216426 | 175023 | 254479 | 109503 | 369899 |
| CFL1 | 24 | 672057 | 146784 | 640950 | 556252 | 770396 | 465119 | 1005965 |
| ITPKA | 24 | 54233 | 16223 | 47109 | 44373 | 58730 | 38631 | 98276 |
| PAX7 | 24 | 200671 | 73633 | 188165 | 147549 | 243121 | 87979 | 344515 |
| CPT2 | 24 | 18157 | 7526 | 15994 | 13184 | 21660 | 10528 | 47076 |
| DTYMK | 24 | 6548 | 2183 | 6069 | 5178 | 7444 | 3609 | 13157 |
| RRM1 | 24 | 10456 | 4334 | 8941 | 7543 | 12935 | 4419 | 24155 |
| CMA1 | 19 | 3670 | 2892 | 3025 | 1624 | 5236 | 619 | 13040 |
| LAMA2 | 24 | 115861 | 23584 | 113181 | 103372 | 119420 | 80152 | 188210 |
| PRTN3 | 24 | 39442 | 79100 | 24139 | 13249 | 36673 | 1775 | 404528 |
| MMP11 | 24 | 18039 | 9970 | 13746 | 11867 | 20200 | 8287 | 48863 |
| CHM | 24 | 21161 | 16496 | 17131 | 15215 | 22506 | 8663 | 93898 |
| NR2F2 | 18 | 1795 | 1991 | 1274 | 844 | 1631 | 560 | 9301 |
| EEF1B2 | 24 | 80526 | 38299 | 71362 | 48749 | 111686 | 19405 | 164436 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| IGFBP5 | 24 | 16458 | 6138 | 16856 | 11864 | 19224 | 6815 | 35318 |
| ACP1 | 24 | 121560 | 56998 | 118084 | 78059 | 139245 | 46603 | 246206 |
| ACAT1 | 24 | 12715 | 6759 | 10972 | 7450 | 14829 | 5462 | 33908 |
| TNC | 24 | 69499 | 49603 | 53938 | 35808 | 84334 | 16750 | 210768 |
| POLR2A | 24 | 142410 | 23701 | 140479 | 126027 | 153533 | 107487 | 197843 |
| CDK2 | 24 | 33326 | 18832 | 27818 | 24445 | 34524 | 10978 | 98228 |
| GRK2 | 24 | 8170 | 1287 | 8464 | 7021 | 8977 | 5918 | 10491 |
| AZGP1 | 24 | 79120 | 52045 | 66027 | 41914 | 98610 | 12731 | 255823 |
| MPST | 24 | 37911 | 14543 | 38762 | 28089 | 48313 | 12167 | 68188 |
| LAMA1 | 24 | 92142 | 22829 | 87810 | 75632 | 106580 | 57346 | 141987 |
| RPS12 | 24 | 66320 | 25865 | 59077 | 49336 | 84837 | 19009 | 115744 |
| YY1 | 24 | 4308 | 981 | 4245 | 3666 | 4851 | 2061 | 6193 |
| DNAJB1 | 24 | 126520 | 43755 | 113725 | 98977 | 140955 | 56704 | 220129 |
| DNAJB2 | 22 | 2998 | 1557 | 2621 | 1854 | 3305 | 1293 | 7065 |
| ATP5F1A | 24 | 38494 | 22199 | 31719 | 27696 | 44791 | 7855 | 95224 |
| MT3 | 19 | 3636 | 3322 | 2968 | 1658 | 4147 | 570 | 14417 |
| PSMA2 | 24 | 52611 | 25253 | 44877 | 34652 | 62660 | 17043 | 114901 |
| PSMA3 | 24 | 83224 | 32200 | 75077 | 60183 | 97865 | 34600 | 163575 |
| PSMA4 | 24 | 75715 | 29816 | 69220 | 53835 | 88544 | 29519 | 145879 |
| S100P | 24 | 76531 | 42788 | 73193 | 43114 | 85840 | 19434 | 191836 |
| COL5A3 | 24 | 25454 | 3352 | 24455 | 23446 | 26506 | 21191 | 34530 |
| PTX3 | 23 | 3321 | 1848 | 2906 | 1844 | 4396 | 924 | 8604 |
| MSN | 24 | 134924 | 60910 | 126349 | 85568 | 179054 | 49965 | 254850 |
| DDX6 | 24 | 22762 | 8435 | 22796 | 16789 | 27707 | 9632 | 39941 |
| U2AF2 | 24 | 50387 | 28382 | 44982 | 28950 | 64963 | 14756 | 125399 |
| RPL13 | 24 | 12031 | 5026 | 11352 | 8106 | 14288 | 5382 | 23636 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CHML | 22 | 6154 | 4857 | 4990 | 2655 | 7590 | 1014 | 19791 |
| IVD | 24 | 47563 | 14868 | 46482 | 37594 | 54057 | 23388 | 94291 |
| S100A4 | 24 | 115411 | 50650 | 112260 | 77882 | 152019 | 42955 | 228567 |
| MGAT1 | 24 | 15241 | 5508 | 14543 | 11491 | 16830 | 5537 | 28183 |
| HMGB2 | 24 | 88553 | 54893 | 89374 | 54079 | 108572 | 20708 | 286065 |
| PTBP1 | 24 | 46576 | 22783 | 40547 | 32080 | 62422 | 19187 | 114156 |
| VARS1 | 24 | 44856 | 23341 | 43333 | 31842 | 52079 | 14135 | 107295 |
| EEF1G | 24 | 161416 | 69801 | 144318 | 114221 | 200256 | 33768 | 342211 |
| FKBP2 | 24 | 52131 | 32914 | 46919 | 27613 | 58502 | 10444 | 141578 |
| MST1 | 24 | 48865 | 31487 | 38321 | 25340 | 62248 | 19428 | 149158 |
| ACVR2A | 24 | 1848311 | 739911 | 1721938 | 1303753 | 2099845 | 715956 | 3624390 |
| STOM | 24 | 48101 | 13873 | 42540 | 38665 | 53814 | 32750 | 91735 |
| AK4 | 24 | 2593 | 1088 | 2420 | 2003 | 3297 | 342 | 5013 |
| PON1 | 24 | 14139 | 14221 | 7781 | 2754 | 21835 | 1808 | 49643 |
| YWHAQ | 24 | 142416 | 44540 | 133771 | 117391 | 166747 | 58177 | 257259 |
| MAPK3 | 24 | 42709 | 17671 | 40101 | 33370 | 47395 | 18235 | 107167 |
| CALML3 | 24 | 453547 | 123165 | 413739 | 366378 | 499179 | 302400 | 817276 |
| DPP4 | 24 | 551313 | 259881 | 462178 | 374411 | 612464 | 290598 | 1210648 |
| RPL10 | 24 | 6388 | 1294 | 6348 | 5286 | 7142 | 4487 | 9373 |
| RPA1 | 24 | 36047 | 16347 | 38299 | 22536 | 45620 | 5674 | 72455 |
| APEX1 | 24 | 191642 | 84275 | 172853 | 129818 | 223701 | 89453 | 415191 |
| DCK | 23 | 5096 | 2501 | 4431 | 3439 | 5699 | 2055 | 10728 |
| CAD | 24 | 36594 | 7621 | 38352 | 31936 | 42913 | 23267 | 49003 |
| CALR | 24 | 152035 | 85502 | 133302 | 90818 | 206476 | 40445 | 358785 |
| MAP4 | 24 | 8211 | 2983 | 7687 | 6655 | 9239 | 4209 | 18351 |
| CFP | 24 | 9440 | 7800 | 7428 | 6058 | 9458 | 4276 | 44001 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ITPKB | 24 | 177872 | 34182 | 176048 | 159261 | 201062 | 120235 | 256854 |
| PSMA5 | 24 | 72185 | 28188 | 69336 | 53081 | 83917 | 32773 | 154389 |
| PSMA5 | 24 | 81069 | 22348 | 79418 | 67489 | 92815 | 38143 | 135723 |
| HLA-DMB | 22 | 35276 | 34248 | 25297 | 19607 | 31571 | 12122 | 150572 |
| PSMB4 | 24 | 75786 | 30914 | 70521 | 56863 | 85393 | 28081 | 154177 |
| PSMB6 | 24 | 64819 | 27450 | 69581 | 38503 | 83733 | 20061 | 110526 |
| GSTM2 | 24 | 19238 | 35166 | 9101 | 6637 | 11950 | 3844 | 167357 |
| TMOD1 | 24 | 17777 | 6510 | 17416 | 12435 | 20422 | 8867 | 34474 |
| TEAD1 | 24 | 7704 | 2337 | 7454 | 6410 | 8858 | 4407 | 13827 |
| MAPK1 | 24 | 32374 | 10506 | 30642 | 26705 | 36717 | 19794 | 66534 |
| GCA | 24 | 36360 | 37225 | 29883 | 21228 | 35974 | 11306 | 199004 |
| ERCC5 | 24 | 6939 | 2261 | 6250 | 5317 | 8097 | 4410 | 12135 |
| GRN | 24 | 6810 | 3830 | 5422 | 4089 | 8201 | 1918 | 17618 |
| GRN | 20 | 1925 | 2473 | 1067 | 848 | 1915 | 553 | 11324 |
| PTPRM | 24 | 28890 | 5991 | 27574 | 25164 | 29851 | 21372 | 47056 |
| S100A2 | 23 | 54153 | 79455 | 30807 | 13941 | 47150 | 1169 | 352074 |
| GTF2E1 | 24 | 45132 | 8875 | 44749 | 38623 | 54173 | 28066 | 60544 |
| GTF2E2 | 24 | 18075 | 3475 | 18252 | 14936 | 20016 | 11972 | 26897 |
| PCSK1 | 24 | 19488 | 8168 | 17849 | 15702 | 19076 | 10024 | 46196 |
| TPP2 | 24 | 23717 | 8358 | 25283 | 17763 | 28315 | 10183 | 37986 |
| IMPA1 | 24 | 31941 | 12639 | 31444 | 22601 | 38644 | 12403 | 62710 |
| EPHA2 | 24 | 12408 | 3147 | 11599 | 10144 | 13592 | 8825 | 21048 |
| EPHA3 | 24 | 11292 | 2081 | 11795 | 9536 | 12680 | 7132 | 14586 |
| CRABP2 | 24 | 46878 | 43931 | 25170 | 16428 | 71125 | 7078 | 169080 |
| ARID4A | 24 | 46330 | 11819 | 43572 | 38494 | 49636 | 30910 | 76824 |
| CASP1 | 24 | 16723 | 5091 | 15919 | 13053 | 20845 | 9362 | 26179 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SERPINB3 | 24 | 294911 | 351772 | 123349 | 92460 | 352872 | 41828 | 1353017 |
| LMOD1 | 24 | 24435 | 5410 | 23990 | 20531 | 27661 | 14718 | 33650 |
| RBMS1 | 24 | 10205 | 4824 | 9134 | 7324 | 11604 | 4951 | 23468 |
| SERPINA4 | 24 | 17688 | 10708 | 13269 | 10274 | 21097 | 5265 | 40822 |
| EEF1D | 24 | 61072 | 30754 | 60919 | 38639 | 71999 | 14846 | 148735 |
| EEF1D | 24 | 26659 | 17241 | 25012 | 14507 | 32758 | 8097 | 91650 |
| CRABP1 | 24 | 15662 | 9395 | 12547 | 9596 | 18525 | 6050 | 43012 |
| MARCKS | 24 | 57073 | 26903 | 54534 | 40411 | 70140 | 19489 | 124341 |
| ALDH4A1 | 24 | 24906 | 13897 | 20906 | 18026 | 28296 | 12616 | 79136 |
| PBLD | 24 | 46873 | 27050 | 40244 | 29945 | 59459 | 10783 | 112586 |
| ERP29 | 24 | 136630 | 70261 | 125748 | 78146 | 177566 | 27586 | 278006 |
| PRDX6 | 24 | 698057 | 222442 | 646371 | 556766 | 779109 | 328100 | 1312782 |
| BLVRB | 24 | 147124 | 81939 | 127920 | 94525 | 181919 | 47150 | 357428 |
| DDT | 24 | 72778 | 29006 | 71328 | 54735 | 89786 | 8504 | 122463 |
| PRDX3 | 24 | 43197 | 26988 | 33086 | 25605 | 58840 | 4789 | 107614 |
| ATP5F1D | 24 | 15004 | 6513 | 13789 | 9998 | 16736 | 7868 | 31395 |
| RPL12 | 24 | 19537 | 11642 | 15336 | 12775 | 24606 | 7675 | 50422 |
| ECHS1 | 24 | 23746 | 14741 | 18126 | 13322 | 31889 | 5700 | 58763 |
| CMPK1 | 24 | 51072 | 25516 | 53934 | 34281 | 69253 | 10038 | 113469 |
| PEBP1 | 24 | 389301 | 193131 | 346123 | 242732 | 455955 | 130543 | 860950 |
| PDIA3 | 24 | 281472 | 206245 | 241369 | 147131 | 330422 | 48504 | 861778 |
| PPP2R1A | 24 | 46236 | 17899 | 43930 | 38593 | 49873 | 14865 | 104161 |
| CDC27 | 24 | 139502 | 58366 | 131741 | 101551 | 167723 | 61501 | 314191 |
| NKTR | 24 | 241349 | 59768 | 242696 | 212659 | 261593 | 128570 | 382665 |
| NMT1 | 24 | 6339 | 3315 | 5350 | 4260 | 7697 | 1392 | 13505 |
| ADSS2 | 24 | 36167 | 14692 | 31557 | 28987 | 42790 | 14011 | 70750 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| LRPAP1 | 24 | 14418 | 6064 | 12676 | 9560 | 18233 | 6019 | 25483 |
| ADSL | 24 | 6611 | 2480 | 6418 | 5099 | 7566 | 1669 | 13545 |
| ADSL | 24 | 15890 | 3703 | 16374 | 13307 | 17861 | 6836 | 22761 |
| CLIP1 | 24 | 15996 | 3065 | 15067 | 14414 | 17405 | 10520 | 22052 |
| GSTT1 | 24 | 35606 | 22620 | 28991 | 19112 | 45860 | 6365 | 89616 |
| SERPINB1 | 24 | 132305 | 133884 | 100126 | 56946 | 148659 | 17691 | 652852 |
| ALDH1B1 | 24 | 65627 | 27617 | 54551 | 48792 | 66781 | 40415 | 133700 |
| ALDH3A1 | 23 | 9347 | 9332 | 5952 | 4304 | 8595 | 2010 | 35765 |
| POLR2B | 24 | 9725 | 1204 | 9724 | 8884 | 10643 | 6463 | 11515 |
| SDHA | 24 | 140963 | 40352 | 132726 | 110629 | 163053 | 89885 | 228004 |
| CORO1A | 24 | 127101 | 98507 | 107589 | 75474 | 131805 | 35423 | 538345 |
| GDI1 | 24 | 40053 | 21712 | 36250 | 29935 | 44695 | 16260 | 121954 |
| S100A7 | 24 | 20245 | 14285 | 15205 | 12412 | 24576 | 6109 | 74928 |
| MAT2A | 24 | 36243 | 13607 | 33761 | 26382 | 42197 | 17733 | 79883 |
| PRKAR2B | 24 | 7751 | 3156 | 7368 | 5666 | 9278 | 3241 | 18300 |
| CPS1 | 24 | 15615 | 2468 | 15466 | 13585 | 16430 | 12168 | 21768 |
| HIVEP2 | 24 | 256471 | 53432 | 238774 | 215131 | 283935 | 188214 | 405834 |
| DNAJA1 | 24 | 10608 | 2819 | 10348 | 8921 | 11557 | 6147 | 17970 |
| AKT1 | 24 | 76872 | 27079 | 67403 | 60970 | 89565 | 34554 | 157536 |
| UQCRC1 | 24 | 7320 | 5072 | 5548 | 4169 | 7576 | 2864 | 21659 |
| HIBADH | 24 | 27327 | 18209 | 22412 | 15563 | 33568 | 9775 | 75654 |
| ATIC | 24 | 56880 | 19106 | 55770 | 48568 | 63173 | 10213 | 101632 |
| HNRNPH3 | 21 | 12541 | 16067 | 6216 | 4744 | 14791 | 1666 | 75337 |
| HNRNPH1 | 24 | 81072 | 50637 | 65250 | 51002 | 93838 | 31494 | 256866 |
| CASP14 | 24 | 12839 | 9254 | 10943 | 9121 | 13570 | 5310 | 53761 |
| SFN | 24 | 37435 | 25609 | 33479 | 24721 | 39694 | 5753 | 124833 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| STIP1 | 24 | 201141 | 59441 | 206601 | 146985 | 250213 | 97188 | 315361 |
| S100A11 | 24 | 716137 | 307504 | 628056 | 550699 | 801007 | 275231 | 1471597 |
| CEACAM8 | 24 | 14600 | 11147 | 10895 | 7189 | 16533 | 2919 | 50165 |
| PRDX2 | 24 | 631291 | 236006 | 629796 | 471664 | 708738 | 274473 | 1249258 |
| CDA | 24 | 17239 | 32400 | 8643 | 6675 | 11661 | 1904 | 163726 |
| DCTD | 24 | 15826 | 11344 | 13021 | 8253 | 17922 | 2905 | 47010 |
| GBP1 | 24 | 51980 | 54428 | 35792 | 21962 | 54141 | 9486 | 247475 |
| GBP2 | 24 | 23179 | 16959 | 17139 | 13457 | 24489 | 7882 | 75147 |
| RPL9 | 24 | 91982 | 32701 | 85967 | 73165 | 100003 | 54633 | 190706 |
| KIF5B | 24 | 15857 | 6539 | 14686 | 11976 | 19055 | 5343 | 29673 |
| CSTF2 | 24 | 48051 | 11637 | 47918 | 38856 | 53335 | 32530 | 81044 |
| DUT | 24 | 8344 | 4722 | 7649 | 5149 | 9437 | 3178 | 25988 |
| S100A3 | 17 | 4564 | 6910 | 3075 | 2600 | 3681 | 508 | 31029 |
| MCM5 | 24 | 44674 | 13267 | 43900 | 34742 | 54397 | 23963 | 69200 |
| GALNS | 23 | 9295 | 7220 | 6922 | 5536 | 10344 | 2702 | 31299 |
| RNASE4 | 21 | 4278 | 6762 | 1846 | 1346 | 3017 | 676 | 28909 |
| NTF4 | 24 | 22738 | 10183 | 19819 | 15709 | 29131 | 9400 | 46753 |
| SHMT2 | 24 | 61933 | 18276 | 60424 | 46548 | 76529 | 36192 | 104975 |
| EPHX2 | 24 | 19542 | 8690 | 18597 | 13102 | 21916 | 9272 | 42360 |
| HSPA4 | 24 | 98636 | 37923 | 100160 | 70910 | 125839 | 33690 | 189851 |
| GRK5 | 24 | 137146 | 47787 | 127172 | 99963 | 168203 | 69333 | 238935 |
| MPI | 24 | 19477 | 7642 | 19511 | 13258 | 24286 | 7330 | 37556 |
| GPC1 | 24 | 144977 | 40097 | 135713 | 118166 | 158646 | 90895 | 241676 |
| PFN2 | 24 | 15130 | 10365 | 12090 | 8503 | 16342 | 2375 | 39966 |
| PFN2 | 24 | 38154 | 19656 | 32072 | 24922 | 51609 | 7180 | 84204 |
| CA8 | 24 | 13410 | 7896 | 13237 | 4978 | 20992 | 3397 | 27350 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CTNNB1 | 24 | 45506 | 27448 | 39425 | 30388 | 55374 | 14024 | 117122 |
| NOS2 | 24 | 59866 | 11821 | 58389 | 52329 | 64448 | 43304 | 100348 |
| SERPINB6 | 24 | 25048 | 15441 | 19454 | 14909 | 31547 | 11281 | 71337 |
| RPA3 | 24 | 17024 | 9168 | 18878 | 8757 | 21290 | 3632 | 38568 |
| RPL22 | 24 | 26586 | 15865 | 22952 | 19205 | 29848 | 4593 | 87977 |
| GTF2F1 | 24 | 11715 | 3575 | 11481 | 9426 | 12853 | 5867 | 20724 |
| SPR | 24 | 16275 | 10084 | 15957 | 7949 | 21387 | 3445 | 40572 |
| SPRR1A | 24 | 137230 | 94867 | 119713 | 61409 | 192964 | 4406 | 408925 |
| THBS2 | 24 | 9411 | 4124 | 7850 | 6828 | 12491 | 4537 | 19449 |
| THBS4 | 24 | 6583 | 2379 | 6414 | 4695 | 7690 | 3055 | 13171 |
| HOXD13 | 24 | 13079 | 11098 | 8920 | 5566 | 14371 | 2576 | 41139 |
| IDUA | 19 | 10268 | 34602 | 2043 | 1347 | 3404 | 783 | 153061 |
| SAA4 | 24 | 6068 | 4104 | 4894 | 2943 | 8442 | 888 | 14271 |
| FBN1 | 24 | 371241 | 54719 | 359240 | 337640 | 417889 | 265303 | 480022 |
| PCK1 | 24 | 15201 | 6715 | 12537 | 11147 | 16838 | 8561 | 34187 |
| AGL | 22 | 8734 | 3380 | 8389 | 6833 | 9894 | 4053 | 19225 |
| MYH9 | 24 | 110282 | 91478 | 57258 | 42873 | 164487 | 20067 | 303194 |
| COPB2 | 24 | 310252 | 119482 | 308644 | 249441 | 405684 | 56043 | 491571 |
| ADD2 | 24 | 14453 | 6555 | 12826 | 9705 | 16771 | 6778 | 31184 |
| GRK3 | 24 | 514487 | 156960 | 509439 | 406600 | 557501 | 285195 | 839837 |
| FUS | 24 | 131989 | 50044 | 123497 | 94926 | 170311 | 39024 | 231123 |
| DEK | 24 | 33928 | 14743 | 29114 | 23829 | 40027 | 13761 | 74147 |
| GLRX | 24 | 24497 | 11616 | 20042 | 17723 | 29379 | 11047 | 58192 |
| HMGCL | 24 | 14965 | 9499 | 12002 | 9161 | 17533 | 4414 | 40307 |
| PSMC2 | 24 | 12005 | 6663 | 11469 | 6827 | 15472 | 2230 | 33469 |
| PSMC2 | 24 | 19110 | 10281 | 18544 | 12167 | 26357 | 5594 | 51170 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CHI3L1 | 24 | 13980 | 14692 | 9316 | 5941 | 15030 | 3355 | 67427 |
| ARL2 | 24 | 10372 | 3341 | 9664 | 8262 | 11421 | 5221 | 19171 |
| ARL3 | 24 | 19322 | 8211 | 19438 | 12311 | 23889 | 7236 | 37813 |
| TRIM23 | 24 | 3864 | 1694 | 3740 | 2765 | 4949 | 667 | 7179 |
| MAP2K2 | 24 | 7758 | 1784 | 8351 | 6469 | 8854 | 4327 | 10331 |
| ATP6V1E1 | 24 | 21209 | 6144 | 21157 | 17722 | 23562 | 9500 | 34202 |
| CPOX | 24 | 68884 | 31029 | 66781 | 43262 | 87139 | 28288 | 154119 |
| RPL4 | 24 | 47099 | 18388 | 43470 | 35281 | 55155 | 22290 | 96240 |
| PGM1 | 24 | 77243 | 25472 | 77003 | 56300 | 90069 | 25519 | 135025 |
| GNL1 | 24 | 5477 | 2182 | 4501 | 4036 | 6561 | 2715 | 10997 |
| SERPINB5 | 24 | 18149 | 10067 | 15344 | 12145 | 19562 | 7439 | 49429 |
| SERPINF1 | 24 | 35850 | 43687 | 24957 | 19634 | 28680 | 7156 | 219803 |
| DLST | 24 | 19802 | 9896 | 16115 | 12772 | 28500 | 7176 | 38062 |
| GMPR | 24 | 5925 | 2967 | 5759 | 3530 | 7572 | 2138 | 12463 |
| CFHR2 | 24 | 8640 | 5141 | 7120 | 5381 | 10159 | 2590 | 20655 |
| SRP14 | 24 | 79043 | 41833 | 71595 | 47285 | 108132 | 18035 | 149864 |
| TGFBR2 | 24 | 6389 | 2415 | 6527 | 4315 | 7945 | 2209 | 11023 |
| TALDO1 | 24 | 367807 | 137691 | 364674 | 273359 | 409393 | 195341 | 801859 |
| SNCA | 24 | 19076 | 14362 | 17296 | 8136 | 24678 | 296 | 57249 |
| COIL | 24 | 24339 | 16116 | 20574 | 16319 | 27134 | 9191 | 91830 |
| HSPA9 | 24 | 154227 | 105025 | 107019 | 78643 | 241466 | 37394 | 416655 |
| EIF4A3 | 24 | 22255 | 9407 | 21728 | 18765 | 26335 | 3963 | 44077 |
| RPS19 | 24 | 123454 | 50677 | 104642 | 94911 | 132292 | 75948 | 293622 |
| RPL3 | 24 | 27155 | 12376 | 25788 | 20287 | 31544 | 8877 | 62754 |
| COL15A1 | 24 | 51212 | 26221 | 42950 | 39441 | 52344 | 22947 | 154035 |
| ANP32A | 24 | 168776 | 73712 | 162156 | 122599 | 196833 | 71818 | 326033 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FEN1 | 24 | 37798 | 14526 | 39862 | 24115 | 46788 | 13886 | 64572 |
| CUX1 | 24 | 14863 | 3429 | 13925 | 12662 | 16475 | 9534 | 21368 |
| MMP12 | 24 | 13025 | 2950 | 13000 | 11241 | 14962 | 6215 | 19686 |
| CAPG | 24 | 109086 | 49774 | 107079 | 71429 | 135219 | 38898 | 257722 |
| CAP2 | 24 | 41391 | 27109 | 31170 | 26800 | 48157 | 21076 | 148445 |
| CEACAM6 | 22 | 11670 | 16968 | 5536 | 3924 | 8206 | 908 | 74171 |
| CD96 | 24 | 17905 | 4085 | 17703 | 15264 | 20593 | 9905 | 24880 |
| TXLNA | 24 | 37942 | 12661 | 34867 | 29970 | 42927 | 24136 | 82780 |
| CCT6A | 24 | 37610 | 18815 | 36145 | 29708 | 41401 | 13217 | 104585 |
| NNMT | 24 | 27350 | 19188 | 21074 | 14338 | 33697 | 6283 | 89288 |
| PSMB10 | 24 | 19893 | 18686 | 13140 | 7820 | 23668 | 2258 | 80494 |
| PBX1 | 20 | 6439 | 7610 | 4163 | 2103 | 6079 | 1105 | 29414 |
| RPL13A | 23 | 6695 | 4218 | 5839 | 4511 | 7521 | 1469 | 21489 |
| ARL1 | 24 | 18960 | 9023 | 15084 | 12870 | 22302 | 8768 | 41073 |
| STAT3 | 24 | 11128 | 4561 | 9516 | 7596 | 15079 | 5606 | 23923 |
| USP8 | 24 | 20255 | 4478 | 19808 | 16982 | 24155 | 11533 | 27728 |
| PEX19 | 24 | 14699 | 2322 | 13890 | 13463 | 15645 | 11239 | 20461 |
| MDH2 | 24 | 223810 | 125492 | 175148 | 123640 | 358937 | 56693 | 511735 |
| HADHA | 24 | 23080 | 13545 | 21709 | 12811 | 26927 | 8566 | 62673 |
| EIF2S3 | 24 | 32387 | 11607 | 31998 | 23165 | 39563 | 10411 | 53880 |
| OPRK1 | 24 | 10202 | 3119 | 10216 | 8468 | 11322 | 1483 | 16442 |
| CETN2 | 23 | 9206 | 6895 | 6913 | 5051 | 10299 | 2662 | 32216 |
| ETV6 | 24 | 11360 | 2546 | 11151 | 9053 | 13293 | 8069 | 16473 |
| MNDA | 24 | 42457 | 44011 | 28934 | 22511 | 39065 | 10840 | 225238 |
| RGS2 | 23 | 32461 | 29557 | 24979 | 18775 | 38761 | 4023 | 148466 |
| PTGDS | 24 | 8657 | 5371 | 7815 | 5066 | 10587 | 1312 | 24165 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| UBA7 | 24 | 129296 | 51559 | 117179 | 94256 | 157952 | 64928 | 247365 |
| NAA10 | 24 | 12078 | 4702 | 12760 | 8841 | 15103 | 2190 | 24594 |
| PPP1R2 | 24 | 10308 | 6143 | 8622 | 7331 | 11747 | 2615 | 28565 |
| CSK | 24 | 6906 | 2193 | 7399 | 5604 | 8234 | 2830 | 10824 |
| GARS1 | 24 | 27521 | 16519 | 22401 | 16509 | 30406 | 11337 | 74996 |
| IARS1 | 24 | 97370 | 58583 | 72124 | 52464 | 135006 | 25364 | 222150 |
| MAP3K8 | 24 | 9863 | 6902 | 8575 | 5643 | 10912 | 2661 | 33744 |
| EIF1 | 23 | 9469 | 8046 | 8261 | 5016 | 11331 | 1600 | 41845 |
| PRKCI | 24 | 72710 | 24851 | 66236 | 57102 | 86230 | 34373 | 132908 |
| ACTR1B | 24 | 128614 | 48688 | 120102 | 99464 | 143200 | 56847 | 279595 |
| TMPO | 24 | 56017 | 23933 | 52561 | 33000 | 74691 | 25064 | 114198 |
| STAT1 | 24 | 64910 | 31372 | 51947 | 40818 | 85439 | 23837 | 132757 |
| STAT6 | 24 | 24298 | 4593 | 23103 | 21585 | 26855 | 16502 | 34172 |
| STAT5A | 24 | 34640 | 10515 | 31374 | 28804 | 37916 | 22291 | 67806 |
| MTREX | 24 | 36132 | 12930 | 32568 | 26901 | 41398 | 18675 | 65633 |
| AKR1C3 | 24 | 33064 | 40278 | 16843 | 12373 | 41892 | 3784 | 179675 |
| EPS15 | 24 | 42864 | 15643 | 38412 | 34934 | 46423 | 23068 | 90146 |
| CASP3 | 24 | 16955 | 7515 | 15450 | 14294 | 18284 | 6144 | 46201 |
| TEC | 24 | 60439 | 29329 | 47227 | 41240 | 82974 | 26216 | 129850 |
| NCAPD3 | 24 | 30541 | 8541 | 29798 | 23376 | 33627 | 20589 | 58400 |
| RBM34 | 24 | 211336 | 67331 | 194113 | 167535 | 243056 | 107626 | 371101 |
| LIFR | 24 | 45771 | 17619 | 42734 | 38273 | 45733 | 30567 | 120643 |
| LRPPRC | 24 | 35215 | 16782 | 31406 | 22623 | 37378 | 19331 | 84214 |
| ACAA2 | 23 | 45071 | 31909 | 38897 | 22559 | 52016 | 11803 | 147788 |
| RPL35 | 24 | 7685 | 3420 | 6611 | 6107 | 8521 | 4275 | 21476 |
| CDKN2C | 20 | 9777 | 5272 | 7751 | 6457 | 11801 | 2067 | 22704 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PRCP | 24 | 7274 | 2897 | 6324 | 5289 | 9164 | 3396 | 15313 |
| HTT | 24 | 245667 | 56802 | 229304 | 220751 | 257540 | 181593 | 452608 |
| PAFAH1B1 | 24 | 28423 | 11056 | 28366 | 21389 | 34973 | 7510 | 51511 |
| PTGFR | 22 | 34102 | 36474 | 26699 | 19525 | 37601 | 10760 | 191624 |
| MCAM | 24 | 3878 | 2722 | 2922 | 2723 | 3410 | 1542 | 13231 |
| CRAT | 24 | 9345 | 1853 | 9064 | 8262 | 10518 | 6315 | 12866 |
| MATR3 | 24 | 11358 | 9809 | 8729 | 6349 | 12071 | 3921 | 52317 |
| ZAP70 | 24 | 2594427 | 496820 | 2528636 | 2272386 | 2844390 | 1866826 | 4252946 |
| SYK | 24 | 59578 | 19205 | 56015 | 46565 | 77029 | 13862 | 98655 |
| NAMPT | 24 | 29298 | 22570 | 22206 | 16630 | 37041 | 5473 | 91804 |
| AFM | 24 | 53064 | 30358 | 44007 | 35052 | 61738 | 8548 | 113818 |
| PSMC4 | 24 | 490890 | 213847 | 471430 | 321544 | 656755 | 205700 | 1139101 |
| ASPA | 24 | 4946 | 2618 | 4160 | 3508 | 6026 | 2116 | 14525 |
| PPIC | 24 | 7624 | 4800 | 7151 | 5171 | 9413 | 410 | 20969 |
| CBX5 | 24 | 11603 | 8163 | 8165 | 5881 | 14504 | 2125 | 30822 |
| RANGAP1 | 24 | 93935 | 36638 | 86761 | 78441 | 105900 | 36837 | 182553 |
| RECQL | 24 | 48117 | 22351 | 47573 | 29796 | 67126 | 17218 | 88223 |
| GPR4 | 23 | 20273 | 16696 | 14114 | 6717 | 31022 | 2566 | 55735 |
| CRK | 24 | 13082 | 5577 | 12639 | 10237 | 15971 | 3084 | 30831 |
| CRKL | 24 | 12314 | 6683 | 10572 | 8334 | 14395 | 5531 | 38011 |
| BAG6 | 24 | 17874 | 5550 | 16868 | 13207 | 21521 | 10472 | 28065 |
| GSTM5 | 24 | 29194 | 46417 | 14169 | 10386 | 25757 | 6849 | 230757 |
| NSF | 24 | 13406 | 6009 | 11528 | 9859 | 16835 | 4505 | 24224 |
| CDKN1B | 24 | 22801 | 18187 | 15819 | 10479 | 27542 | 7663 | 71177 |
| RPL27A | 24 | 15872 | 11691 | 11036 | 7048 | 21437 | 4019 | 45205 |
| RPL5 | 24 | 20735 | 7933 | 21084 | 12753 | 27132 | 5348 | 34980 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RPL21 | 24 | 18754 | 13108 | 14850 | 11961 | 21647 | 6495 | 71474 |
| RPS9 | 24 | 18116 | 16153 | 14091 | 8425 | 20103 | 2615 | 71780 |
| RPS5 | 24 | 11721 | 6401 | 10261 | 7584 | 13267 | 5752 | 33686 |
| RPS10 | 24 | 48511 | 14984 | 43945 | 39995 | 55715 | 27073 | 99137 |
| MAP1B | 24 | 20279 | 7959 | 18752 | 14481 | 21428 | 10282 | 40947 |
| GNPDA1 | 24 | 42842 | 15357 | 39599 | 34282 | 54358 | 12707 | 81328 |
| IQGAP1 | 24 | 103035 | 29854 | 94998 | 79997 | 114277 | 66818 | 171913 |
| HAAO | 24 | 12191 | 16371 | 7221 | 5478 | 12110 | 2088 | 85575 |
| GYG1 | 24 | 16474 | 6455 | 15711 | 11611 | 18904 | 8198 | 32827 |
| RABIF | 24 | 8624 | 10003 | 5663 | 4542 | 7434 | 1203 | 49253 |
| PLA2G4A | 24 | 52348 | 11388 | 49718 | 45347 | 55149 | 38531 | 87334 |
| RAP1GAP | 23 | 5485 | 2039 | 5162 | 4092 | 5886 | 2594 | 11028 |
| CAPZA2 | 24 | 100220 | 38388 | 97703 | 73169 | 112415 | 54431 | 214671 |
| CAPZB | 24 | 87218 | 30550 | 81176 | 63987 | 99965 | 42165 | 169528 |
| EIF1AX | 24 | 21859 | 8493 | 21173 | 16404 | 25518 | 6804 | 49838 |
| ALDH1A3 | 24 | 13661 | 4907 | 12810 | 10069 | 16317 | 6472 | 24650 |
| QARS1 | 24 | 16731 | 4804 | 16301 | 12116 | 19071 | 10391 | 28442 |
| HTR5A | 20 | 4353 | 2109 | 3701 | 3213 | 5062 | 1640 | 9570 |
| CDX1 | 22 | 10904 | 6279 | 8843 | 7418 | 12623 | 3145 | 26593 |
| RPL29 | 24 | 87620 | 33496 | 81835 | 67880 | 98569 | 52984 | 208292 |
| XDH | 24 | 1108781 | 243314 | 1016465 | 942199 | 1247538 | 801805 | 1667302 |
| ATP5PO | 24 | 6081 | 2173 | 5622 | 4495 | 7883 | 3324 | 11097 |
| GRIA4 | 24 | 8723 | 6717 | 7694 | 4946 | 9082 | 3689 | 35977 |
| LIMS1 | 24 | 14309 | 11219 | 11858 | 7726 | 16129 | 4591 | 58094 |
| PREP | 24 | 43762 | 13879 | 42314 | 34696 | 52073 | 15267 | 72835 |
| ME1 | 24 | 48596 | 17006 | 43148 | 35940 | 58208 | 26735 | 82617 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| IREB2 | 24 | 8258 | 2027 | 8474 | 6892 | 9341 | 4518 | 12036 |
| RFX5 | 24 | 184558 | 69780 | 163146 | 147064 | 214438 | 92986 | 416910 |
| ARCN1 | 24 | 33442 | 15983 | 31928 | 23566 | 38602 | 8269 | 72295 |
| GCLC | 24 | 23304 | 8622 | 21885 | 15762 | 31666 | 8227 | 37422 |
| GCLM | 24 | 6415 | 4211 | 5241 | 3511 | 8478 | 1293 | 16656 |
| PCP4 | 24 | 14465 | 10159 | 11749 | 8410 | 19158 | 2631 | 40346 |
| NRIP1 | 24 | 26078 | 6001 | 25031 | 22673 | 29210 | 16846 | 40792 |
| PSMD8 | 24 | 80583 | 40443 | 83131 | 50994 | 95256 | 28013 | 227954 |
| SERPINB4 | 22 | 11738 | 10533 | 8894 | 6645 | 13570 | 873 | 52098 |
| SERPINB10 | 24 | 16347 | 14043 | 12672 | 10419 | 17387 | 7619 | 79052 |
| PRRC2A | 24 | 252044 | 47467 | 236649 | 221945 | 267108 | 180035 | 355575 |
| GSS | 24 | 109500 | 44004 | 95912 | 76213 | 138584 | 60583 | 217556 |
| CCT5 | 24 | 51763 | 20093 | 48107 | 44304 | 60115 | 16056 | 114328 |
| NES | 24 | 21106 | 10546 | 17432 | 15157 | 22565 | 12317 | 55186 |
| HSPA13 | 24 | 63301 | 18791 | 61496 | 51225 | 75453 | 34448 | 104701 |
| IDH2 | 24 | 159322 | 99612 | 168051 | 74028 | 212795 | 30321 | 435277 |
| LHX1 | 24 | 24736 | 5707 | 24868 | 21883 | 27163 | 11734 | 35422 |
| CCN3 | 24 | 8185 | 3737 | 7717 | 5295 | 9668 | 4483 | 19269 |
| ADGRE5 | 24 | 245038 | 57802 | 242055 | 217112 | 276139 | 132933 | 422274 |
| POLD2 | 24 | 41557 | 9953 | 38609 | 36185 | 45920 | 30027 | 75460 |
| MARCKSL1 | 24 | 44582 | 18276 | 47948 | 31801 | 57189 | 11045 | 69838 |
| MAPKAPK2 | 24 | 22516 | 6429 | 21754 | 18887 | 23908 | 15098 | 44903 |
| ALDH9A1 | 24 | 145044 | 75832 | 126838 | 105486 | 179449 | 28881 | 399957 |
| RPL34 | 24 | 5591 | 3768 | 4856 | 3751 | 6366 | 1643 | 20700 |
| RPIA | 24 | 18065 | 9930 | 13846 | 11939 | 20164 | 8581 | 44631 |
| NASP | 24 | 58035 | 23164 | 57372 | 43815 | 72592 | 21253 | 104434 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FASN | 24 | 17936 | 11527 | 18852 | 8009 | 23370 | 4415 | 43385 |
| FNTA | 24 | 291315 | 105895 | 264960 | 212196 | 341605 | 156178 | 592092 |
| CCT3 | 24 | 30118 | 17546 | 26926 | 21988 | 31785 | 7681 | 88647 |
| TUFM | 24 | 41081 | 26503 | 34507 | 26760 | 43308 | 18935 | 145803 |
| ALDH7A1 | 24 | 54172 | 27026 | 50237 | 29354 | 72256 | 20084 | 109663 |
| SRP9 | 24 | 40899 | 20664 | 37214 | 26159 | 58752 | 14272 | 80157 |
| UBE2A | 24 | 10180 | 3976 | 9830 | 7298 | 11168 | 4907 | 19469 |
| AARS1 | 24 | 13707 | 4887 | 14559 | 10797 | 17836 | 5021 | 21684 |
| AARS1 | 24 | 27117 | 10385 | 24425 | 20159 | 31503 | 10583 | 59479 |
| SARS1 | 24 | 56557 | 19623 | 54845 | 40487 | 72756 | 20465 | 96538 |
| PPM1F | 24 | 25274 | 18335 | 19545 | 16466 | 25765 | 10310 | 96443 |
| PRIM1 | 24 | 6445 | 3044 | 5423 | 4789 | 6526 | 3420 | 16850 |
| PSMB3 | 24 | 41174 | 18798 | 37555 | 27665 | 50487 | 15929 | 91714 |
| PSMB2 | 24 | 54094 | 19554 | 50240 | 38052 | 62442 | 30706 | 99759 |
| MCM2 | 24 | 25568 | 8022 | 23957 | 20140 | 30360 | 13475 | 45763 |
| COMP | 24 | 5162 | 2597 | 5004 | 3441 | 6002 | 2573 | 15192 |
| ACADVL | 24 | 105285 | 35454 | 99054 | 86986 | 122726 | 32859 | 200133 |
| YLPM1 | 24 | 91150 | 23173 | 88037 | 74253 | 99705 | 62255 | 140812 |
| ACOT2 | 24 | 108041 | 31801 | 101514 | 86407 | 115472 | 75568 | 196796 |
| TMED10 | 24 | 23780 | 7514 | 22766 | 19566 | 27198 | 10036 | 45753 |
| RBM25 | 24 | 21898 | 4676 | 20873 | 19202 | 24005 | 14375 | 36291 |
| NUMB | 24 | 15376 | 3887 | 14523 | 12543 | 16954 | 10647 | 25751 |
| HINT1 | 24 | 34899 | 18422 | 32390 | 23910 | 44261 | 9403 | 79134 |
| FHIT | 24 | 6736 | 2776 | 6678 | 4506 | 7884 | 3203 | 13371 |
| NUP153 | 24 | 56140 | 22049 | 50851 | 42614 | 61138 | 32918 | 135910 |
| RANBP2 | 24 | 88160 | 17954 | 85829 | 73996 | 98045 | 60008 | 127808 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| NDUFV1 | 24 | 9424 | 3814 | 9296 | 6566 | 11033 | 4170 | 19000 |
| GSK3A | 24 | 66455 | 23305 | 70937 | 46347 | 85115 | 27428 | 102089 |
| SEPHS1 | 24 | 23840 | 11734 | 20383 | 15287 | 30328 | 8792 | 48267 |
| SELENOP | 24 | 9713 | 6599 | 6981 | 5989 | 11897 | 2736 | 29342 |
| CAMP | 24 | 27234 | 67122 | 11794 | 6249 | 19578 | 1598 | 338965 |
| GMPS | 24 | 27675 | 10240 | 28355 | 19823 | 35892 | 6681 | 44580 |
| HNMT | 24 | 19254 | 13002 | 17178 | 9363 | 23791 | 3136 | 55511 |
| GNAQ | 24 | 25537 | 22580 | 19103 | 11947 | 25840 | 5845 | 99139 |
| IDH3A | 24 | 4951 | 1388 | 5023 | 3874 | 5690 | 2523 | 8471 |
| MEOX2 | 19 | 6550 | 3305 | 6204 | 3593 | 8608 | 1628 | 12283 |
| SULT1A1 | 24 | 22563 | 5146 | 22920 | 18904 | 24724 | 14026 | 32747 |
| CRIP1 | 23 | 62820 | 56400 | 48274 | 27018 | 87355 | 984 | 232752 |
| MMP14 | 24 | 113313 | 24524 | 108195 | 96080 | 124843 | 72052 | 174217 |
| GDI2 | 24 | 200120 | 68258 | 190031 | 146665 | 232486 | 101838 | 350756 |
| EMD | 24 | 25187 | 11651 | 23212 | 17322 | 27370 | 6218 | 53195 |
| SERPINB8 | 24 | 77575 | 33569 | 64651 | 53343 | 98803 | 39573 | 153980 |
| SERPINB9 | 24 | 15257 | 9191 | 12541 | 10686 | 17231 | 5841 | 49852 |
| SERPINH1 | 24 | 71678 | 42910 | 61150 | 36957 | 110661 | 23663 | 166925 |
| LHX2 | 24 | 79366 | 60073 | 66256 | 39047 | 92433 | 15023 | 243638 |
| PDLIM4 | 24 | 26282 | 38466 | 15777 | 14031 | 21100 | 8489 | 198836 |
| ST13 | 24 | 160146 | 53484 | 166585 | 121707 | 195529 | 52518 | 238920 |
| ERF | 24 | 14470 | 5359 | 13861 | 11664 | 15044 | 5555 | 33458 |
| VASP | 24 | 22010 | 10237 | 19005 | 15405 | 23827 | 11071 | 53066 |
| METAP2 | 24 | 48777 | 19908 | 45862 | 32825 | 59313 | 26022 | 108446 |
| METAP2 | 23 | 4765 | 3248 | 3846 | 2923 | 5278 | 2411 | 17767 |
| NUDT2 | 24 | 9595 | 4108 | 8563 | 6422 | 11453 | 4044 | 19761 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TNFSF10 | 24 | 199353 | 46749 | 190670 | 169236 | 228190 | 101176 | 309956 |
| HLCS | 24 | 6794 | 1500 | 6778 | 5782 | 7897 | 3930 | 9361 |
| RASSF2 | 24 | 16477 | 7114 | 17211 | 9820 | 21669 | 4868 | 29461 |
| LRBA | 23 | 13448 | 6007 | 11767 | 10414 | 15871 | 3116 | 27139 |
| LRBA | 24 | 500001 | 143675 | 518486 | 379334 | 613017 | 204316 | 731353 |
| BCAM | 24 | 75480 | 39398 | 58897 | 47540 | 105962 | 24155 | 174053 |
| PPT1 | 24 | 19026 | 8770 | 16093 | 14411 | 21069 | 9636 | 53587 |
| RPL14 | 24 | 29021 | 7242 | 29021 | 23089 | 33651 | 17560 | 49154 |
| ANXA11 | 24 | 39747 | 28572 | 26240 | 18472 | 55100 | 6834 | 102227 |
| PAPOLA | 24 | 11415 | 4132 | 11191 | 7275 | 14695 | 5615 | 18957 |
| FXR2 | 24 | 118637 | 80795 | 97060 | 64281 | 131594 | 39345 | 348086 |
| RAB5C | 24 | 64373 | 14014 | 63872 | 54625 | 73474 | 37676 | 91570 |
| RAB7A | 24 | 62308 | 27675 | 53091 | 44424 | 64822 | 35841 | 151460 |
| RAB13 | 24 | 218225 | 44732 | 211250 | 194759 | 236302 | 147156 | 355727 |
| PDE6C | 24 | 47134 | 10156 | 46257 | 41271 | 52942 | 22488 | 68924 |
| SCNN1G | 24 | 12561 | 3466 | 11972 | 9929 | 15121 | 7287 | 20413 |
| SCNN1D | 24 | 4899 | 1121 | 4783 | 4288 | 5707 | 2571 | 6942 |
| DAP | 24 | 2754786 | 1232222 | 2686082 | 1865794 | 3520215 | 982746 | 5342764 |
| DUSP3 | 23 | 9746 | 10057 | 7879 | 5297 | 9902 | 2632 | 53616 |
| SMARCA2 | 24 | 44296 | 6470 | 44394 | 40317 | 47689 | 30160 | 57200 |
| TPMT | 24 | 20183 | 9510 | 19475 | 13296 | 27674 | 3602 | 37079 |
| RENBP | 23 | 3670 | 1919 | 3088 | 2389 | 3947 | 1708 | 9900 |
| MECP2 | 24 | 42970 | 22103 | 35750 | 32827 | 40599 | 28469 | 118876 |
| IRAK1 | 24 | 296562 | 178827 | 254926 | 178423 | 332485 | 53801 | 904164 |
| ALDH5A1 | 23 | 3918 | 2603 | 3100 | 2342 | 4321 | 1778 | 13593 |
| HSD17B4 | 22 | 9657 | 9790 | 7684 | 4402 | 9947 | 738 | 47185 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PSMD7 | 24 | 21581 | 7894 | 22140 | 17307 | 23973 | 9816 | 45397 |
| SUOX | 24 | 6916 | 4980 | 4932 | 3447 | 8629 | 1711 | 22632 |
| SGSH | 24 | 6716 | 2763 | 6428 | 4917 | 8908 | 3238 | 14084 |
| STAT5B | 24 | 13834 | 4163 | 13329 | 11998 | 14947 | 5893 | 21751 |
| USP11 | 24 | 7146 | 1519 | 7002 | 6280 | 8431 | 4124 | 9525 |
| KCNQ1 | 24 | 20595 | 10199 | 18513 | 13778 | 23227 | 7872 | 43642 |
| PLXNA3 | 24 | 12774 | 6995 | 11145 | 8208 | 14847 | 4566 | 31948 |
| DYNLT3 | 21 | 2204 | 1260 | 1870 | 1563 | 2736 | 578 | 5170 |
| RPS6KA3 | 24 | 10155 | 2965 | 10085 | 8020 | 11638 | 5466 | 19339 |
| GUCY2F | 24 | 78014 | 21594 | 69773 | 61822 | 89415 | 54611 | 134896 |
| HDGF | 24 | 145676 | 73157 | 129335 | 102781 | 163889 | 54548 | 309464 |
| LUM | 24 | 89393 | 137219 | 39193 | 30882 | 46676 | 15746 | 597797 |
| PRELP | 24 | 68800 | 15857 | 66697 | 57819 | 80490 | 44029 | 110914 |
| CNN1 | 24 | 120968 | 373799 | 14516 | 10751 | 27319 | 4595 | 1695963 |
| CCNH | 24 | 21273 | 4395 | 21019 | 17830 | 23223 | 15673 | 31248 |
| NDUFA8 | 24 | 21886 | 13009 | 18152 | 13255 | 23630 | 8396 | 60255 |
| HNRNPA3 | 24 | 63857 | 60525 | 46555 | 37641 | 55923 | 12403 | 267827 |
| HNRNPA3 | 24 | 121394 | 81614 | 104893 | 75803 | 128634 | 23451 | 408325 |
| HNRNPM | 24 | 44193 | 35929 | 31815 | 23316 | 48027 | 15741 | 171340 |
| KPNA1 | 24 | 14234 | 5260 | 14447 | 9568 | 17592 | 6290 | 25677 |
| DGKE | 23 | 8488 | 7068 | 5738 | 3964 | 10762 | 2811 | 31612 |
| POLR2H | 24 | 7582 | 2943 | 7995 | 5748 | 9606 | 1155 | 11968 |
| MAP2K6 | 24 | 9893 | 4263 | 9365 | 7185 | 11338 | 4136 | 23397 |
| ARHGDIA | 24 | 121295 | 30398 | 119862 | 99047 | 137137 | 80850 | 206166 |
| ARHGDIB | 24 | 118589 | 81990 | 96202 | 75246 | 121315 | 54194 | 451706 |
| AGFG1 | 24 | 10068 | 4634 | 9937 | 6829 | 12279 | 4395 | 21302 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| HNRNPF | 24 | 19803 | 16517 | 15259 | 10210 | 20916 | 7127 | 70789 |
| GTF2A1 | 24 | 15605 | 9212 | 13110 | 10250 | 21199 | 357 | 43571 |
| GTF2A2 | 24 | 7571 | 3445 | 6640 | 4602 | 10458 | 2887 | 15225 |
| ZNF140 | 24 | 5189 | 1464 | 4754 | 4388 | 6106 | 2748 | 7866 |
| ZNF131 | 24 | 7311 | 1700 | 7360 | 6312 | 8014 | 4357 | 11001 |
| ZNF142 | 24 | 74868 | 30859 | 66107 | 54069 | 84881 | 32571 | 146145 |
| RBM5 | 24 | 22751 | 6209 | 22412 | 19524 | 24522 | 13084 | 44520 |
| RIDA | 24 | 10985 | 7747 | 10973 | 4824 | 13393 | 1111 | 39145 |
| SMS | 24 | 28875 | 38931 | 15158 | 12111 | 17922 | 3844 | 134142 |
| HK3 | 24 | 34513 | 30469 | 28763 | 21353 | 36412 | 9349 | 151746 |
| MRPL12 | 21 | 8580 | 7028 | 5573 | 4338 | 10794 | 1743 | 28518 |
| STC1 | 24 | 66624 | 40475 | 55075 | 35809 | 88077 | 21368 | 165737 |
| NDST1 | 24 | 52052 | 14752 | 51227 | 42416 | 59259 | 26531 | 89049 |
| THOP1 | 24 | 17045 | 7119 | 16495 | 10150 | 22075 | 6496 | 29680 |
| AKR1C2 | 24 | 25626 | 7306 | 25226 | 21258 | 27313 | 14305 | 43300 |
| CAPZA1 | 24 | 75834 | 29290 | 73178 | 55943 | 86244 | 25652 | 143099 |
| CRIP2 | 24 | 61670 | 53101 | 44657 | 33066 | 77196 | 10256 | 241208 |
| PDX1 | 22 | 6393 | 2085 | 6366 | 5082 | 7776 | 2621 | 10236 |
| BLVRA | 24 | 61613 | 26490 | 54125 | 43998 | 77881 | 23037 | 118307 |
| PPP5C | 24 | 26787 | 9403 | 24670 | 21095 | 32945 | 14099 | 50245 |
| ARFIP1 | 24 | 45019 | 21505 | 40825 | 31180 | 58558 | 12114 | 94266 |
| NUBP1 | 24 | 10417 | 3648 | 9394 | 8119 | 13309 | 5107 | 19348 |
| ACLY | 24 | 11531 | 7424 | 9673 | 6537 | 15751 | 1288 | 28469 |
| METAP1 | 24 | 124552 | 48233 | 120969 | 77344 | 163791 | 49356 | 227423 |
| SUCLG1 | 24 | 21758 | 12641 | 18219 | 13879 | 25779 | 6456 | 51547 |
| MVD | 24 | 14409 | 4765 | 13798 | 10666 | 19037 | 6896 | 23506 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| COPB1 | 24 | 14984 | 7673 | 13977 | 8779 | 19875 | 3903 | 32251 |
| COPA | 24 | 87657 | 34472 | 94881 | 55439 | 113541 | 30411 | 147891 |
| CTSC | 24 | 8910 | 4019 | 8643 | 4958 | 12225 | 2482 | 15476 |
| LIMK2 | 24 | 22397 | 7393 | 20932 | 17010 | 25061 | 11538 | 43019 |
| AP3M2 | 24 | 5549 | 1909 | 5497 | 4588 | 6726 | 1443 | 9792 |
| AP2S1 | 24 | 14762 | 5265 | 13854 | 11861 | 17908 | 4518 | 25308 |
| TTC3 | 24 | 28280 | 4794 | 27215 | 25235 | 29529 | 19878 | 39467 |
| SLC16A1 | 24 | 10484 | 2433 | 10190 | 9093 | 12167 | 6563 | 16803 |
| SEC24C | 24 | 15340 | 5922 | 13242 | 10067 | 21059 | 7258 | 25291 |
| SUB1 | 24 | 114575 | 57961 | 93708 | 79950 | 144459 | 53063 | 256915 |
| CLNS1A | 24 | 21842 | 11339 | 20475 | 13711 | 26106 | 6544 | 49224 |
| CRISP3 | 24 | 17836 | 24235 | 11574 | 7856 | 15571 | 5181 | 126388 |
| BLM | 24 | 24757 | 5464 | 24070 | 21760 | 28036 | 12289 | 39210 |
| RARS1 | 24 | 20265 | 6338 | 18989 | 16262 | 24805 | 10764 | 35320 |
| ATXN1 | 24 | 13592 | 4714 | 14150 | 10220 | 16037 | 5652 | 24740 |
| YARS1 | 24 | 45169 | 22869 | 40798 | 28397 | 57303 | 9563 | 90473 |
| HSPA2 | 24 | 407175 | 124460 | 372711 | 333335 | 469372 | 249803 | 759244 |
| RAD23A | 24 | 16328 | 4160 | 16634 | 13509 | 18264 | 8808 | 23466 |
| RAD23B | 24 | 55305 | 21001 | 47134 | 44507 | 59547 | 29990 | 123480 |
| EPHB3 | 24 | 11853 | 2793 | 11996 | 10008 | 12789 | 7258 | 20798 |
| EPHB1 | 24 | 190964 | 55965 | 180446 | 161327 | 221057 | 80827 | 318008 |
| AK2 | 24 | 69485 | 43054 | 51529 | 40900 | 96911 | 21668 | 158796 |
| GAS1 | 24 | 334246 | 194386 | 315275 | 199822 | 404307 | 120114 | 1073066 |
| ALDH18A1 | 24 | 20253 | 6636 | 17900 | 14879 | 25736 | 11981 | 32994 |
| NAPA | 24 | 42768 | 19996 | 39398 | 31875 | 48839 | 16146 | 117804 |
| ADPRH | 24 | 5469 | 2297 | 5539 | 3828 | 6610 | 2394 | 12927 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| AIF1 | 24 | 12832 | 7011 | 11199 | 8110 | 15310 | 5100 | 37117 |
| EIF5 | 24 | 23216 | 10016 | 21403 | 17057 | 28075 | 9109 | 44579 |
| PSMD4 | 24 | 9416 | 3503 | 8882 | 6663 | 11214 | 4017 | 17654 |
| DRG2 | 24 | 12138 | 2857 | 12190 | 10468 | 14320 | 5538 | 16889 |
| APOC4 | 24 | 145649 | 95368 | 123571 | 79112 | 182315 | 37986 | 452103 |
| PLTP | 24 | 15343 | 5720 | 14378 | 11613 | 19039 | 7524 | 29121 |
| CSE1L | 24 | 213121 | 123129 | 199708 | 118307 | 266028 | 60118 | 533803 |
| VCP | 24 | 135682 | 50976 | 139667 | 103418 | 167929 | 58414 | 270181 |
| MFAP1 | 23 | 5201 | 1888 | 4704 | 4383 | 6150 | 1840 | 10042 |
| HADHB | 24 | 53515 | 19154 | 48933 | 40976 | 72018 | 21300 | 86336 |
| MANF | 24 | 74588 | 41535 | 70770 | 43537 | 96310 | 18804 | 180430 |
| AFDN | 24 | 5604725 | 1835478 | 5305009 | 4337065 | 6833659 | 2851436 | 10592363 |
| CASP7 | 24 | 48803 | 13552 | 49163 | 40282 | 56483 | 23658 | 76813 |
| CASP6 | 24 | 75878 | 30615 | 78403 | 59115 | 96432 | 19896 | 137279 |
| ADK | 24 | 47254 | 20316 | 44783 | 31318 | 52239 | 18543 | 98821 |
| LAMB2 | 24 | 47806 | 14759 | 43795 | 37637 | 53649 | 26732 | 86398 |
| CDH13 | 24 | 14999 | 3350 | 14201 | 13218 | 16013 | 9251 | 26307 |
| FOXG1 | 24 | 28623 | 6278 | 28491 | 25478 | 31839 | 17893 | 42770 |
| SNU13 | 24 | 43716 | 23100 | 39252 | 32334 | 49530 | 10913 | 114197 |
| NPEPPS | 24 | 87457 | 29048 | 84643 | 64252 | 104722 | 49222 | 150769 |
| HNRNPH2 | 24 | 14601 | 10325 | 11891 | 9426 | 14642 | 7183 | 55106 |
| XG | 24 | 8287 | 7211 | 4954 | 3729 | 11314 | 465 | 24778 |
| OXCT1 | 24 | 61515 | 35190 | 50118 | 40915 | 70126 | 31999 | 167109 |
| EIF3B | 24 | 31548 | 13589 | 27899 | 23723 | 37315 | 8903 | 62033 |
| NDUFV3 | 24 | 12720 | 4259 | 12279 | 10736 | 14538 | 1689 | 22578 |
| MARS1 | 24 | 18423 | 10942 | 13629 | 11477 | 23407 | 4941 | 45596 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ITGA1 | 24 | 36196 | 5790 | 36103 | 32655 | 39625 | 24702 | 48982 |
| ARPP19 | 24 | 31876 | 10207 | 30248 | 25435 | 38873 | 14120 | 58470 |
| CMC4 | 21 | 3446 | 2767 | 2990 | 1479 | 4471 | 466 | 12260 |
| P2RX3 | 24 | 337487 | 245009 | 252273 | 195838 | 384665 | 82790 | 1260135 |
| EIF6 | 24 | 50663 | 18481 | 44949 | 38471 | 56614 | 21983 | 100569 |
| CTBP2 | 24 | 39718 | 10619 | 36284 | 32798 | 46154 | 22280 | 60118 |
| RP1 | 24 | 100673 | 16639 | 98468 | 87755 | 113197 | 75330 | 134129 |
| SLC37A1 | 24 | 17311 | 9098 | 14380 | 11515 | 21721 | 5439 | 39658 |
| CFAP298 | 24 | 17385 | 5235 | 17972 | 15666 | 20261 | 2674 | 26624 |
| GEMIN4 | 24 | 12757 | 2485 | 12154 | 11192 | 13701 | 9469 | 19839 |
| EVC | 24 | 41530 | 14206 | 37996 | 30897 | 50071 | 24469 | 78183 |
| GSDMD | 24 | 8146 | 5158 | 7216 | 3322 | 12947 | 1655 | 17817 |
| EPPK1 | 24 | 160164 | 30301 | 152469 | 140599 | 169146 | 121100 | 244158 |
| MTPN | 24 | 48337 | 13009 | 46191 | 38157 | 56254 | 32338 | 78783 |
| NLRP6 | 24 | 44337 | 16810 | 43592 | 30135 | 52700 | 21511 | 74870 |
| TAS2R39 | 24 | 17073 | 9795 | 14486 | 9932 | 23338 | 2228 | 37205 |
| DEFA1 | 24 | 263057 | 409314 | 150985 | 88187 | 255069 | 2835 | 2034920 |
| GNG2 | 23 | 8176 | 4798 | 6543 | 4990 | 10054 | 3552 | 22354 |
| LILRA4 | 22 | 24129 | 19299 | 18926 | 12210 | 23117 | 9084 | 84274 |
| ZNF445 | 24 | 12602 | 4855 | 11781 | 9229 | 13909 | 7305 | 25669 |
| ARPC4 | 24 | 159629 | 38573 | 152752 | 130826 | 168916 | 117249 | 272896 |
| ARPC4 | 24 | 49319 | 10871 | 45533 | 41578 | 55960 | 34911 | 75658 |
| CD81 | 21 | 4242 | 2747 | 3667 | 1993 | 5624 | 1153 | 10181 |
| TPI1 | 24 | 810143 | 356836 | 714398 | 545425 | 943556 | 409426 | 1734605 |
| EIF3E | 24 | 21306 | 9074 | 18351 | 16152 | 24516 | 7333 | 40989 |
| PTEN | 24 | 42774 | 15138 | 39881 | 32281 | 52115 | 25244 | 80324 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PPP4C | 24 | 10499 | 3951 | 10361 | 7842 | 12770 | 5027 | 20819 |
| GABARAPL2 | 24 | 18336 | 3769 | 17710 | 15833 | 20920 | 12447 | 27934 |
| MYL6 | 24 | 21532 | 6572 | 22258 | 18258 | 25145 | 5541 | 33040 |
| PFN3 | 24 | 8283 | 2572 | 8247 | 6933 | 9347 | 3643 | 15479 |
| ACTB | 24 | 863604 | 286647 | 900918 | 688423 | 1059435 | 284440 | 1361782 |
| EIF4A1 | 24 | 137997 | 50056 | 148332 | 97601 | 161916 | 36804 | 245304 |
| RPS20 | 24 | 36208 | 18033 | 33902 | 24967 | 43872 | 11178 | 77957 |
| PRPS1 | 24 | 8551 | 3636 | 7986 | 5883 | 9688 | 3970 | 17581 |
| PSMA6 | 24 | 96863 | 37372 | 91377 | 70536 | 114372 | 39092 | 187105 |
| S100A10 | 24 | 80771 | 34278 | 74023 | 59220 | 104926 | 23586 | 155118 |
| CDC42 | 24 | 110506 | 38217 | 103273 | 94353 | 116098 | 78397 | 272913 |
| DSTN | 24 | 134540 | 154554 | 98639 | 79537 | 121141 | 40510 | 799182 |
| GMFB | 24 | 591536 | 123503 | 601317 | 500538 | 655884 | 341377 | 841425 |
| RAB5B | 24 | 84364 | 31908 | 74130 | 63448 | 93710 | 46525 | 167459 |
| RAB10 | 24 | 22847 | 5801 | 21866 | 18913 | 25356 | 12538 | 36820 |
| UBE2M | 24 | 33447 | 12011 | 38158 | 24544 | 39802 | 13895 | 53069 |
| UBE2K | 24 | 53003 | 16862 | 50413 | 40418 | 67709 | 23046 | 84073 |
| UBE2N | 24 | 199332 | 82988 | 183071 | 137740 | 229025 | 98938 | 423873 |
| RAB14 | 24 | 10241 | 5392 | 9419 | 7471 | 10511 | 3681 | 29458 |
| ACTR3 | 24 | 103614 | 28739 | 97098 | 80140 | 111517 | 71075 | 200139 |
| ACTR2 | 24 | 43750 | 10377 | 41834 | 38451 | 46152 | 31046 | 79608 |
| ACTR1A | 24 | 11748 | 6436 | 11246 | 6955 | 13786 | 2908 | 32467 |
| ABCE1 | 24 | 15401 | 6020 | 14865 | 11513 | 19540 | 5047 | 27678 |
| RAP1B | 24 | 29872 | 14587 | 26103 | 21113 | 31582 | 15287 | 82415 |
| RPS3A | 24 | 24628 | 12244 | 21323 | 15408 | 32426 | 8302 | 65284 |
| PSME3 | 24 | 87081 | 43688 | 78581 | 49471 | 113843 | 23346 | 165060 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RPL15 | 19 | 5424 | 4275 | 4335 | 2684 | 6102 | 1352 | 17168 |
| MAGOH | 24 | 5388 | 3740 | 4039 | 3374 | 5979 | 2153 | 18116 |
| RPL27 | 24 | 25583 | 9481 | 21375 | 19406 | 29281 | 15333 | 52733 |
| ATP6V0D1 | 24 | 4712 | 2248 | 4067 | 3145 | 5179 | 2477 | 10857 |
| PCBD1 | 24 | 38450 | 22229 | 29755 | 23577 | 42700 | 17655 | 101610 |
| RPL37A | 24 | 44830 | 27099 | 45279 | 27111 | 59646 | 1840 | 107573 |
| RHOA | 24 | 16767 | 5096 | 17080 | 12477 | 19046 | 7296 | 27661 |
| NCALD | 24 | 6728 | 3749 | 5286 | 3864 | 8268 | 2735 | 17578 |
| HSPE1 | 24 | 208913 | 112613 | 185790 | 128529 | 273052 | 64971 | 459694 |
| LYZ | 24 | 111102 | 153857 | 74686 | 49118 | 100513 | 10352 | 788886 |
| ST8SIA6 | 24 | 22604 | 7782 | 21001 | 17141 | 28444 | 9724 | 39453 |
| VBP1 | 24 | 17136 | 4887 | 17327 | 13530 | 20949 | 7456 | 24790 |
| B2M | 24 | 23779 | 14392 | 20013 | 16352 | 25983 | 8371 | 77509 |
| NPC2 | 24 | 68366 | 36755 | 68815 | 36127 | 93397 | 13970 | 163227 |
| COPZ1 | 24 | 32747 | 10203 | 31408 | 27026 | 37041 | 14229 | 57911 |
| UFM1 | 24 | 72420 | 34834 | 64690 | 47934 | 82570 | 11854 | 170054 |
| DCAF7 | 24 | 41631 | 41538 | 31400 | 21455 | 43519 | 14227 | 223967 |
| WDR5 | 24 | 14956 | 6491 | 12851 | 11099 | 17220 | 6336 | 33171 |
| AP1S1 | 24 | 45150 | 14822 | 45013 | 35588 | 56812 | 15989 | 67649 |
| NUTF2 | 24 | 50825 | 20392 | 47315 | 35566 | 67098 | 20620 | 92302 |
| HNRNPK | 24 | 268593 | 121672 | 249716 | 197153 | 328562 | 91260 | 611162 |
| YWHAG | 24 | 57864 | 15063 | 56563 | 45604 | 65047 | 36241 | 93989 |
| TIMM10 | 24 | 7754 | 2708 | 6807 | 5677 | 9482 | 4122 | 12942 |
| RPS7 | 24 | 29558 | 16922 | 25234 | 18816 | 36272 | 8027 | 81422 |
| PPP1CB | 24 | 22449 | 7854 | 21086 | 17103 | 27360 | 8080 | 39985 |
| PSMC1 | 24 | 8759 | 4351 | 8494 | 6436 | 9436 | 3804 | 26436 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PSMC5 | 24 | 14863 | 6988 | 13963 | 10492 | 18582 | 5031 | 36967 |
| RPS8 | 24 | 39548 | 19912 | 31217 | 26635 | 47386 | 20965 | 98128 |
| RPS15A | 23 | 21091 | 16479 | 15112 | 12708 | 23290 | 7176 | 76570 |
| RPS16 | 24 | 17883 | 11170 | 14433 | 11595 | 18700 | 8456 | 54124 |
| UBE2G1 | 24 | 5021 | 2540 | 5417 | 3182 | 6563 | 1083 | 10466 |
| UBE2H | 24 | 10612 | 4904 | 9251 | 7787 | 11496 | 3973 | 27377 |
| YWHAE | 24 | 67741 | 28960 | 62142 | 44321 | 77808 | 27981 | 124845 |
| RPS14 | 24 | 37558 | 20149 | 31060 | 23066 | 47396 | 13507 | 83373 |
| RPS23 | 24 | 15041 | 11592 | 10682 | 7059 | 18085 | 4091 | 46722 |
| RPS18 | 24 | 27279 | 16551 | 22340 | 19640 | 27048 | 11096 | 89631 |
| RPS13 | 24 | 18983 | 14975 | 14167 | 11609 | 19537 | 7660 | 72228 |
| RPS11 | 24 | 26545 | 20872 | 20826 | 14706 | 27470 | 8590 | 105773 |
| SNRPE | 24 | 35572 | 28283 | 28043 | 19991 | 38500 | 12770 | 129550 |
| SNRPF | 24 | 19681 | 8392 | 17332 | 12868 | 24575 | 10422 | 41971 |
| LSM3 | 24 | 73399 | 24006 | 73937 | 59993 | 91753 | 33078 | 116472 |
| LSM6 | 24 | 43259 | 15197 | 43548 | 33007 | 52585 | 19222 | 73690 |
| SNRPD1 | 24 | 31173 | 13114 | 28443 | 21269 | 37696 | 12557 | 60881 |
| SNRPD2 | 24 | 35910 | 20707 | 30531 | 20496 | 42957 | 15851 | 91708 |
| TMSB4X | 24 | 144285 | 53885 | 143861 | 115107 | 177659 | 35554 | 247338 |
| ARF6 | 24 | 7117 | 3530 | 6695 | 4526 | 9559 | 1986 | 15253 |
| PSMC6 | 24 | 9656 | 4216 | 9665 | 6491 | 12280 | 2953 | 20947 |
| RPL7A | 24 | 16008 | 9160 | 13937 | 9788 | 20355 | 3964 | 46920 |
| POLR2G | 22 | 4205 | 2478 | 3314 | 2387 | 5862 | 518 | 9068 |
| ETF1 | 24 | 18130 | 6635 | 18106 | 13905 | 22114 | 4540 | 30531 |
| RPS4X | 24 | 141532 | 75683 | 116461 | 89710 | 182418 | 63066 | 377317 |
| PPP2CB | 24 | 6750 | 3497 | 5725 | 4921 | 6806 | 1464 | 14831 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ACTA2 | 24 | 1689377 | 553014 | 1591653 | 1333881 | 1993578 | 943757 | 3298919 |
| RPL23A | 24 | 215444 | 174078 | 157932 | 116549 | 224128 | 65465 | 821807 |
| RPS6 | 24 | 36247 | 18864 | 30575 | 23133 | 44851 | 12799 | 77312 |
| H4C1 | 24 | 68465 | 181225 | 18098 | 14105 | 23856 | 5830 | 852505 |
| RAB1A | 24 | 77806 | 44606 | 71643 | 56822 | 81516 | 37630 | 264148 |
| RAN | 24 | 285785 | 169876 | 261564 | 178829 | 338635 | 57796 | 750319 |
| RPL23 | 24 | 37184 | 16271 | 32718 | 27517 | 43058 | 14758 | 93902 |
| RAP1A | 24 | 5953 | 4294 | 4513 | 3528 | 7430 | 1860 | 22866 |
| UBE2D2 | 24 | 43253 | 13292 | 41468 | 32518 | 48818 | 25796 | 81917 |
| RPS15 | 24 | 14669 | 21228 | 9069 | 6575 | 11244 | 2009 | 105201 |
| RPS24 | 24 | 8173 | 4647 | 7226 | 5249 | 9439 | 2782 | 21746 |
| RPS25 | 24 | 41481 | 25335 | 35764 | 24314 | 53922 | 17708 | 129800 |
| RPS26 | 24 | 13716 | 18102 | 6077 | 3993 | 14134 | 1601 | 79177 |
| RPS28 | 24 | 56704 | 23768 | 49778 | 40456 | 73984 | 24015 | 106767 |
| GNB1 | 24 | 47925 | 11833 | 46529 | 40790 | 52198 | 23156 | 80586 |
| POLR2L | 22 | 5866 | 2791 | 4702 | 3727 | 7601 | 2811 | 11472 |
| RBX1 | 24 | 32042 | 5977 | 31476 | 28957 | 34441 | 18803 | 46987 |
| GNB2 | 24 | 17681 | 8262 | 17705 | 11423 | 21818 | 5445 | 36172 |
| RPL30 | 24 | 19326 | 8876 | 17746 | 12241 | 22899 | 7038 | 47610 |
| RPL10A | 24 | 12447 | 7988 | 10544 | 7780 | 13889 | 3801 | 37544 |
| RPL32 | 24 | 33125 | 14235 | 31657 | 28852 | 39121 | 5047 | 75375 |
| RPL8 | 23 | 8021 | 5328 | 6154 | 4388 | 11105 | 1903 | 19204 |
| PPIA | 24 | 852509 | 241083 | 804955 | 684857 | 966653 | 537019 | 1633550 |
| PPIA | 24 | 824017 | 341612 | 798688 | 561091 | 989141 | 309094 | 1525532 |
| FKBP1A | 24 | 145011 | 57991 | 132400 | 107973 | 166547 | 61387 | 338741 |
| GRB2 | 24 | 25211 | 8004 | 24229 | 20549 | 28578 | 11174 | 42729 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| AP2B1 | 24 | 235172 | 63976 | 221335 | 185344 | 263569 | 149697 | 399026 |
| PPP3R1 | 24 | 12965 | 4176 | 12809 | 10216 | 14648 | 6053 | 23255 |
| YWHAZ | 24 | 585615 | 195582 | 560106 | 431297 | 686824 | 309320 | 1077834 |
| UBE2B | 23 | 5711 | 1915 | 5579 | 4158 | 7281 | 2645 | 9121 |
| SUMO1 | 24 | 14297 | 7551 | 12121 | 10030 | 18476 | 3963 | 32005 |
| DYNLL1 | 24 | 22703 | 9286 | 21523 | 16805 | 25900 | 9838 | 49871 |
| DYNLT1 | 23 | 4328 | 1632 | 4334 | 3134 | 5239 | 1202 | 6857 |
| RPL38 | 24 | 23806 | 17061 | 18535 | 10614 | 32783 | 7855 | 65868 |
| SKP1 | 24 | 22172 | 4635 | 22132 | 19560 | 25821 | 11881 | 29535 |
| GNG3 | 24 | 13458 | 9581 | 10803 | 8717 | 15386 | 2479 | 47359 |
| RPS21 | 24 | 26822 | 8977 | 23630 | 20613 | 33800 | 14950 | 44897 |
| RACK1 | 24 | 41869 | 36542 | 25904 | 12012 | 66970 | 3552 | 112676 |
| ACTG1 | 15 | 3170 | 4126 | 1924 | 1320 | 2506 | 522 | 16732 |
| UBE2I | 24 | 117878 | 49941 | 112601 | 79327 | 143404 | 41451 | 236507 |
| SELENOW | 20 | 3454 | 2245 | 3132 | 1762 | 4040 | 1360 | 10903 |
| TMSB10 | 24 | 114147 | 39193 | 105915 | 92934 | 123845 | 62147 | 244721 |
| PPP2CA | 24 | 42730 | 11613 | 42034 | 36890 | 48259 | 20224 | 76214 |
| YBX1 | 24 | 118212 | 43946 | 103733 | 90951 | 144109 | 62770 | 205518 |
| CSNK2B | 24 | 14936 | 17804 | 12336 | 6919 | 15085 | 1988 | 94694 |
| TPM4 | 24 | 101419 | 46465 | 95213 | 67934 | 115939 | 33070 | 217334 |
| TPM4 | 24 | 598610 | 462463 | 463778 | 345997 | 618204 | 248492 | 2241016 |
| EEF1A1 | 24 | 5265366 | 1522881 | 5479412 | 4611306 | 5987915 | 1533226 | 7878420 |
| FKBP1B | 24 | 7802 | 4566 | 6320 | 5146 | 8213 | 3717 | 21731 |
| ACTA1 | 23 | 8826 | 3124 | 8235 | 6929 | 10275 | 3826 | 17307 |
| TUBB4B | 24 | 153468 | 86807 | 137108 | 93486 | 212121 | 21987 | 308329 |
| CSNK2A1 | 24 | 19834 | 7514 | 18672 | 13789 | 23467 | 8009 | 38025 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PAFAH1B2 | 24 | 243263 | 79364 | 242348 | 194434 | 284542 | 124234 | 477967 |
| PSPH | 24 | 15680 | 13336 | 11301 | 8855 | 15386 | 3944 | 49563 |
| RPP38 | 24 | 33765 | 5943 | 33842 | 31295 | 36241 | 19088 | 48623 |
| PIP4K2B | 24 | 73959 | 19910 | 70453 | 63919 | 81979 | 35400 | 117142 |
| CCT2 | 24 | 146990 | 65164 | 142379 | 122338 | 168645 | 36287 | 341474 |
| RAE1 | 24 | 16083 | 7874 | 15610 | 9647 | 18151 | 5760 | 39554 |
| DENND2B | 24 | 10074 | 2757 | 9397 | 8251 | 12146 | 6330 | 17033 |
| PRKDC | 17 | 3904 | 2859 | 2578 | 2151 | 5853 | 1274 | 11948 |
| ADAM17 | 24 | 28567 | 15008 | 22498 | 20335 | 30713 | 16264 | 84930 |
| BLOC1S1 | 24 | 5466 | 1041 | 5498 | 4831 | 6027 | 3250 | 7765 |
| GPLD1 | 24 | 35947 | 13583 | 33581 | 26058 | 47833 | 12537 | 59996 |
| LCN2 | 24 | 371735 | 551870 | 166765 | 116314 | 365711 | 15099 | 2611203 |
| NUCB2 | 24 | 34822 | 23139 | 24430 | 18167 | 48982 | 11773 | 91694 |
| S100A12 | 24 | 53783 | 94984 | 35876 | 19746 | 48533 | 1719 | 484985 |
| BASP1 | 24 | 55267 | 36777 | 42852 | 33844 | 67473 | 13968 | 182795 |
| MRPS36 | 24 | 4729 | 2028 | 4143 | 3657 | 5750 | 1516 | 9336 |
| MRPS15 | 24 | 11468 | 4797 | 11920 | 7560 | 15583 | 3371 | 20022 |
| MRPS21 | 24 | 44208 | 19198 | 39359 | 30828 | 49171 | 24330 | 114998 |
| MRPS34 | 24 | 54787 | 21281 | 54969 | 39722 | 63338 | 13412 | 119638 |
| HMGN5 | 24 | 24433 | 9077 | 22284 | 16825 | 30744 | 10825 | 44142 |
| SARNP | 24 | 45534 | 19179 | 41632 | 33315 | 47416 | 20652 | 95004 |
| RBP5 | 19 | 4675 | 3987 | 3326 | 2052 | 5316 | 1104 | 13527 |
| LACTB | 24 | 66914 | 27477 | 59833 | 48506 | 74989 | 33390 | 126825 |
| COG7 | 24 | 78042 | 14308 | 80804 | 67508 | 87015 | 49637 | 110442 |
| RPL24 | 24 | 93991 | 26363 | 90580 | 78444 | 111987 | 53356 | 142998 |
| TXNL4A | 24 | 8802 | 2524 | 7886 | 7540 | 10100 | 5296 | 14695 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CBX1 | 24 | 50873 | 27184 | 40634 | 35786 | 56534 | 25756 | 136121 |
| SMAD3 | 24 | 19394 | 12626 | 15334 | 12564 | 23118 | 7756 | 61129 |
| ARF5 | 24 | 24473 | 10217 | 25030 | 17135 | 31154 | 8062 | 45769 |
| ERH | 24 | 56589 | 28139 | 53281 | 35462 | 69251 | 23690 | 133037 |
| RHOG | 24 | 10988 | 4983 | 9401 | 7179 | 13363 | 5379 | 22020 |
| RPL19 | 24 | 9651 | 15062 | 6037 | 3611 | 9502 | 906 | 77305 |
| SRSF3 | 24 | 49161 | 24892 | 44439 | 30329 | 57642 | 25130 | 120657 |
| MXRA7 | 24 | 11010 | 9711 | 8371 | 7017 | 10845 | 3218 | 51433 |
| FOXK1 | 24 | 14642 | 3182 | 14406 | 12615 | 16282 | 9137 | 21067 |
| CCZ1B;CCZ1 | 24 | 21080 | 4697 | 21169 | 17389 | 24020 | 13117 | 29815 |
| TMPRSS15 | 24 | 54081 | 56080 | 34704 | 26215 | 59469 | 13340 | 280751 |
| MUC5AC | 24 | 54226 | 22895 | 47985 | 40649 | 56228 | 30575 | 109251 |
| FBLN2 | 24 | 18835 | 4056 | 18481 | 16046 | 21516 | 9849 | 26931 |
| VLDLR | 24 | 60909 | 23904 | 56021 | 47242 | 66696 | 26805 | 124654 |
| HSPG2 | 24 | 95977 | 71161 | 69256 | 54252 | 110766 | 36133 | 345551 |
| RBM3 | 24 | 11788 | 6139 | 9811 | 8583 | 13347 | 2670 | 29668 |
| CYCS | 24 | 79941 | 50738 | 64977 | 39663 | 124598 | 25217 | 188419 |
| TFAM | 24 | 7584 | 2757 | 7179 | 5143 | 9469 | 4160 | 14025 |
| PITPNA | 24 | 22022 | 7864 | 20826 | 16879 | 24043 | 9562 | 40847 |
| HDLBP | 24 | 8735 | 4165 | 6977 | 6233 | 9081 | 4032 | 21145 |
| HDLBP | 24 | 19332 | 5827 | 17466 | 15554 | 23063 | 10528 | 34232 |
| GTF2B | 24 | 15133 | 4664 | 13982 | 12351 | 16013 | 9128 | 29498 |
| CDK6 | 24 | 10091 | 4449 | 9069 | 7393 | 11259 | 4010 | 23972 |
| PURA | 24 | 9190 | 6790 | 7691 | 5513 | 10652 | 1002 | 33648 |
| CLTC | 24 | 42359 | 22666 | 38668 | 23750 | 58957 | 14971 | 91851 |
| HSF1 | 24 | 26906 | 23529 | 19780 | 9878 | 36786 | 5824 | 92572 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FKBP3 | 24 | 60648 | 26746 | 58896 | 43548 | 79983 | 10604 | 113387 |
| REEP5 | 24 | 6410 | 2813 | 6333 | 4798 | 7537 | 1703 | 16762 |
| SORD | 24 | 69829 | 68519 | 53223 | 31225 | 72458 | 8586 | 283832 |
| HNRNPU | 24 | 185637 | 115276 | 162662 | 114794 | 206864 | 42929 | 471709 |
| SPTBN1 | 24 | 21256 | 12305 | 19611 | 12506 | 26866 | 6628 | 62533 |
| TIAL1 | 15 | 2295 | 1781 | 1770 | 1320 | 2464 | 427 | 7339 |
| INSM1 | 24 | 26560 | 9489 | 24447 | 21343 | 28815 | 11783 | 51636 |
| SET | 24 | 128488 | 50757 | 116193 | 95856 | 176197 | 55575 | 233024 |
| SRSF2 | 24 | 20118 | 12342 | 15374 | 11581 | 24796 | 6069 | 53673 |
| CTBS | 24 | 9515 | 4598 | 8106 | 6060 | 12226 | 3768 | 20849 |
| FABP5 | 24 | 62455 | 70722 | 41869 | 29064 | 63655 | 9324 | 345877 |
| ANK2 | 24 | 51459 | 11400 | 45939 | 43954 | 56489 | 36845 | 83171 |
| CAP1 | 24 | 168809 | 59124 | 157006 | 131657 | 180033 | 95081 | 333136 |
| PFKP | 24 | 198948 | 107466 | 163009 | 140291 | 247153 | 61105 | 503026 |
| EWSR1 | 24 | 65644 | 17884 | 62722 | 55892 | 78526 | 34075 | 117857 |
| OCRL | 24 | 20802 | 4876 | 20273 | 18016 | 21828 | 13313 | 38758 |
| TAGLN | 24 | 548391 | 1604459 | 100829 | 62761 | 157802 | 40552 | 7496279 |
| OGDH | 24 | 213126 | 65337 | 201699 | 167615 | 272920 | 100392 | 334698 |
| COX6A2 | 24 | 14877 | 8399 | 14563 | 10012 | 18307 | 2391 | 47100 |
| ALDH6A1 | 24 | 15430 | 8640 | 12776 | 8793 | 19657 | 5197 | 38742 |
| BDH1 | 24 | 26751 | 17170 | 23515 | 18005 | 30141 | 6847 | 88843 |
| DSG1 | 24 | 50579 | 17251 | 47719 | 38798 | 57441 | 26072 | 102295 |
| DSC2 | 24 | 40526 | 9129 | 39969 | 33042 | 45676 | 26881 | 64632 |
| H1-1 | 18 | 10959 | 17333 | 4232 | 2935 | 11442 | 1245 | 76139 |
| RPL18A | 24 | 4727 | 2742 | 3951 | 2696 | 5425 | 2069 | 13005 |
| GHRHR | 23 | 8512 | 4962 | 7273 | 5857 | 9697 | 949 | 19527 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GCNT1 | 24 | 81840 | 40570 | 75953 | 53559 | 102618 | 23788 | 177336 |
| MAP2K1 | 24 | 19437 | 5620 | 19453 | 16759 | 21305 | 6639 | 34953 |
| FKBP4 | 24 | 68663 | 37779 | 59595 | 44168 | 84142 | 13885 | 148165 |
| NUCB1 | 24 | 11475 | 7623 | 10076 | 6592 | 14320 | 3316 | 39071 |
| RPL6 | 24 | 22440 | 10001 | 21581 | 13367 | 26838 | 11078 | 44853 |
| TOP2B | 24 | 31884 | 7816 | 30123 | 26618 | 35276 | 21982 | 55096 |
| CREB5 | 24 | 483804 | 150050 | 457749 | 384476 | 549512 | 232200 | 862821 |
| AKAP12 | 24 | 24105 | 24649 | 16473 | 11602 | 23272 | 7967 | 108410 |
| DST | 24 | 72706 | 15776 | 68841 | 60760 | 79523 | 51898 | 107235 |
| CAV1 | 24 | 116736 | 70160 | 99122 | 73785 | 162102 | 17845 | 335902 |
| TGFBR3 | 24 | 13459 | 6241 | 11889 | 10011 | 14095 | 7625 | 34623 |
| TNFAIP2 | 24 | 41573 | 14962 | 37455 | 32549 | 46442 | 15431 | 80839 |
| LMNB2 | 24 | 11763 | 5099 | 10673 | 8735 | 13892 | 4943 | 22598 |
| PTS | 22 | 16583 | 16287 | 11189 | 7908 | 21091 | 4738 | 80658 |
| CFHR1 | 24 | 14331 | 11077 | 11307 | 7993 | 14946 | 1981 | 39128 |
| EVX2 | 22 | 18277 | 16881 | 13615 | 5667 | 24698 | 726 | 63328 |
| GBE1 | 24 | 19572 | 14502 | 16970 | 9882 | 23967 | 3890 | 70771 |
| NOTCH2 | 24 | 208049 | 29235 | 203034 | 188523 | 228266 | 159403 | 278001 |
| HGFAC | 24 | 17590 | 5846 | 16326 | 14123 | 21173 | 8519 | 36827 |
| SSBP1 | 24 | 17089 | 12274 | 14562 | 8989 | 19798 | 4179 | 55680 |
| YWHAH | 24 | 123630 | 48513 | 115743 | 92429 | 132713 | 61686 | 289940 |
| PLP2 | 16 | 4162 | 3155 | 3024 | 1623 | 5405 | 1123 | 13147 |
| CSTF1 | 24 | 18888 | 5053 | 19406 | 15893 | 21685 | 10307 | 29409 |
| PTPN12 | 24 | 393327 | 54996 | 386246 | 360500 | 420370 | 297334 | 501982 |
| CLC | 24 | 22814 | 25922 | 14993 | 8977 | 25114 | 3820 | 132671 |
| SRSF11 | 24 | 174483 | 61241 | 164986 | 137011 | 201143 | 59266 | 376578 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| EEF1A2 | 24 | 19345 | 8584 | 17729 | 13805 | 24777 | 5874 | 45228 |
| CALD1 | 24 | 102637 | 210128 | 44295 | 28193 | 57978 | 13765 | 924545 |
| CALD1 | 24 | 16230 | 10719 | 13640 | 8969 | 19890 | 3004 | 43935 |
| EML5 | 24 | 193182 | 30830 | 188898 | 172626 | 202848 | 145604 | 285798 |
| PTPN11 | 24 | 17772 | 10776 | 14742 | 10103 | 21145 | 8165 | 44023 |
| PPP2R3A | 24 | 86685 | 16730 | 85245 | 75969 | 96675 | 53030 | 135152 |
| PPAT | 24 | 15994 | 9767 | 12972 | 8640 | 20992 | 4702 | 38076 |
| EXOSC9 | 24 | 16964 | 7199 | 15514 | 13274 | 19334 | 9626 | 44824 |
| EXOSC9 | 18 | 4662 | 2089 | 3798 | 3319 | 5989 | 1876 | 9191 |
| PSME1 | 24 | 311508 | 163103 | 281420 | 202896 | 402706 | 105389 | 815184 |
| GABPA | 24 | 19506 | 5793 | 19022 | 15768 | 22932 | 11582 | 34163 |
| RING1 | 24 | 7154 | 2533 | 7310 | 5147 | 8640 | 2631 | 12053 |
| FMOD | 24 | 16043 | 8235 | 13699 | 10594 | 19840 | 5186 | 36013 |
| PRDX1 | 24 | 546719 | 169705 | 523733 | 417666 | 660550 | 180952 | 906020 |
| RPL18 | 24 | 8352 | 5428 | 7099 | 4968 | 10071 | 1044 | 26287 |
| C1QBP | 24 | 30585 | 17196 | 26633 | 20047 | 38766 | 6716 | 80524 |
| CKAP4 | 24 | 49456 | 15158 | 44883 | 37850 | 59313 | 28301 | 83101 |
| TJP1 | 24 | 53599 | 22223 | 45683 | 39347 | 57813 | 33018 | 122873 |
| TCHH | 24 | 175647 | 48756 | 160362 | 140955 | 191251 | 123288 | 331736 |
| TFF3 | 24 | 150715 | 190874 | 79162 | 29506 | 191855 | 4410 | 860511 |
| KHDRBS1 | 24 | 29876 | 16784 | 27115 | 19101 | 36889 | 10688 | 82395 |
| SOS1 | 24 | 47251 | 9204 | 45660 | 41667 | 51226 | 31612 | 67830 |
| LRP1 | 24 | 102002 | 23973 | 98127 | 85172 | 105651 | 69622 | 154585 |
| SRSF1 | 24 | 63051 | 37506 | 49452 | 40967 | 79537 | 21775 | 168261 |
| ARHGAP1 | 24 | 24078 | 19819 | 20732 | 14963 | 28786 | 3286 | 101764 |
| SRSF4 | 24 | 13942 | 6831 | 11421 | 9297 | 15153 | 6567 | 38417 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TGM3 | 24 | 27614 | 5889 | 27346 | 23208 | 29878 | 19462 | 42225 |
| DHX9 | 24 | 42019 | 21203 | 39684 | 29536 | 46463 | 12083 | 101093 |
| LGALS3BP | 24 | 41368 | 20914 | 34759 | 29672 | 56688 | 6844 | 95353 |
| EHHADH | 24 | 6528 | 1867 | 6380 | 5559 | 8060 | 2949 | 10055 |
| PPID | 24 | 35074 | 16202 | 34021 | 22337 | 40930 | 15965 | 88735 |
| SSRP1 | 24 | 14702 | 4990 | 13499 | 11144 | 17846 | 6555 | 26390 |
| SLFN5 | 24 | 29835 | 8916 | 28775 | 22814 | 33338 | 18324 | 53228 |
| VAC14 | 24 | 68484 | 13911 | 69217 | 56605 | 76495 | 45427 | 105630 |
| ZNF616 | 24 | 17902 | 6040 | 17273 | 13488 | 19126 | 9339 | 32054 |
| RBBP4 | 24 | 38243 | 21116 | 32633 | 24935 | 45419 | 10372 | 84796 |
| NCBP1 | 24 | 14351 | 5408 | 12802 | 11068 | 17422 | 6645 | 26296 |
| AHNAK | 24 | 156844 | 184676 | 101913 | 65833 | 138877 | 46007 | 742488 |
| EGFEM1P | 24 | 51335 | 23518 | 52895 | 41561 | 58193 | 7732 | 117590 |
| ABHD18 | 24 | 59330 | 23421 | 53443 | 40863 | 74091 | 26594 | 107840 |
| LRRC74A | 24 | 225396 | 63990 | 220493 | 178852 | 288524 | 90328 | 306990 |
| HSPA14 | 24 | 68292 | 18527 | 64335 | 57765 | 74635 | 40051 | 113672 |
| SCRN3 | 24 | 4033 | 639 | 3997 | 3552 | 4589 | 2986 | 4953 |
| CGNL1 | 24 | 499905 | 102884 | 475360 | 446831 | 518424 | 383669 | 760627 |
| CCDC173 | 24 | 53306 | 11244 | 50742 | 48160 | 57657 | 37063 | 92213 |
| FABP9 | 24 | 16789 | 8987 | 13582 | 11983 | 17860 | 7976 | 43650 |
| NEXN | 24 | 40422 | 9200 | 40529 | 36312 | 46074 | 18087 | 53648 |
| GALNT2 | 24 | 11770 | 2452 | 11273 | 10275 | 12803 | 6350 | 16769 |
| GALNT1 | 24 | 40743 | 24516 | 33664 | 24519 | 47648 | 15508 | 129654 |
| AP1B1 | 24 | 30438 | 8993 | 29938 | 25024 | 32554 | 15202 | 49447 |
| CPSF1 | 24 | 56575 | 12910 | 53636 | 49777 | 66159 | 34972 | 84662 |
| HMGXB3 | 24 | 67670 | 14207 | 66013 | 59156 | 73054 | 42836 | 110849 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| WASHC5 | 24 | 7810 | 2824 | 7457 | 6147 | 8241 | 4268 | 18408 |
| NUP160 | 24 | 27607 | 7526 | 25774 | 23566 | 30134 | 18623 | 53501 |
| SCAP | 24 | 22828 | 8214 | 22108 | 18855 | 25671 | 9625 | 46813 |
| SREBF2 | 24 | 3344 | 1158 | 3363 | 2594 | 3897 | 1485 | 6333 |
| ARHGEF5 | 24 | 53060 | 19950 | 48132 | 44691 | 51835 | 34231 | 132445 |
| GTF3C1 | 24 | 1524581 | 326887 | 1467522 | 1350698 | 1669674 | 998037 | 2315969 |
| HYAL1 | 24 | 21586 | 12576 | 19592 | 14761 | 23006 | 9184 | 62674 |
| SMARCB1 | 24 | 17954 | 10285 | 15054 | 12133 | 18997 | 8888 | 50174 |
| FSTL1 | 24 | 6528 | 4572 | 5622 | 2784 | 8186 | 1088 | 19175 |
| SF3A3 | 24 | 13730 | 6286 | 12837 | 8965 | 16927 | 3104 | 27890 |
| DPYD | 24 | 44437 | 24177 | 38393 | 30227 | 46624 | 16379 | 115139 |
| ILF2 | 24 | 62388 | 30806 | 56614 | 38821 | 71082 | 27004 | 129384 |
| ILF3 | 24 | 55811 | 27248 | 54389 | 30362 | 62099 | 23629 | 115041 |
| LMAN2 | 24 | 35444 | 12043 | 31221 | 28203 | 39125 | 23367 | 75655 |
| IRAG2 | 24 | 35297 | 8001 | 33542 | 30161 | 42060 | 20449 | 50138 |
| EPS8 | 24 | 6737 | 4514 | 4713 | 3949 | 8439 | 2561 | 19598 |
| FOXF1 | 24 | 20972 | 9953 | 19310 | 16277 | 24510 | 2039 | 40128 |
| FOXD4 | 24 | 42522 | 28479 | 33467 | 27041 | 45760 | 6632 | 113708 |
| ANK3 | 24 | 75830 | 9618 | 73703 | 68955 | 78436 | 62921 | 103967 |
| ANK3 | 24 | 156209 | 91680 | 125837 | 114071 | 143240 | 96550 | 463005 |
| TAF10 | 24 | 10376 | 4530 | 9916 | 7496 | 12221 | 1897 | 24475 |
| MYO1E | 24 | 163491 | 28042 | 155264 | 147794 | 173194 | 128379 | 256189 |
| PPP1R8 | 24 | 6083 | 2144 | 5794 | 4083 | 7236 | 3510 | 9978 |
| PTP4A2 | 24 | 9650 | 3596 | 9697 | 6930 | 12084 | 3084 | 17418 |
| ABR | 24 | 14548 | 2904 | 13883 | 13187 | 17044 | 8454 | 19326 |
| CSTF3 | 24 | 5407 | 1972 | 5263 | 4309 | 6202 | 2606 | 11191 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ECH1 | 24 | 23366 | 13702 | 16427 | 14543 | 30438 | 8421 | 49837 |
| STRN3 | 24 | 18611 | 35483 | 10550 | 8757 | 13204 | 6760 | 183864 |
| FLII | 24 | 95303 | 24353 | 94249 | 80626 | 103018 | 39537 | 169689 |
| LCP2 | 24 | 35965 | 18849 | 30275 | 22947 | 40768 | 17441 | 97999 |
| USP4 | 24 | 31003 | 7859 | 30205 | 25704 | 36083 | 18668 | 49581 |
| DUSP4 | 24 | 108581 | 39268 | 113645 | 82522 | 135033 | 44313 | 181749 |
| KLF10 | 24 | 16826 | 5422 | 15500 | 13649 | 18114 | 9406 | 32203 |
| IK | 23 | 8738 | 10175 | 4554 | 3955 | 7049 | 2709 | 46079 |
| EIF2B5 | 24 | 18866 | 7760 | 16605 | 13755 | 20441 | 9379 | 37010 |
| TARDBP | 24 | 11859 | 7432 | 10144 | 7229 | 13548 | 3533 | 37192 |
| HNRNPA0 | 24 | 15639 | 13799 | 12231 | 5422 | 21724 | 1849 | 57786 |
| PAK1 | 24 | 15634 | 3778 | 14526 | 12823 | 18351 | 9854 | 23258 |
| AIMP2 | 23 | 4763 | 3356 | 4069 | 1687 | 6513 | 874 | 11753 |
| FADD | 23 | 5601 | 2973 | 4697 | 3492 | 6357 | 2361 | 12451 |
| PRDX4 | 24 | 14426 | 8431 | 10576 | 8470 | 20149 | 3201 | 33754 |
| PAK2 | 24 | 18528 | 8887 | 17007 | 11592 | 20406 | 8321 | 41030 |
| CBX3 | 24 | 30057 | 12071 | 25428 | 22408 | 37253 | 13668 | 66412 |
| STK3 | 24 | 33902 | 10786 | 29843 | 27542 | 38378 | 20987 | 68144 |
| PSMD2 | 24 | 104439 | 62343 | 87713 | 66577 | 134073 | 26779 | 334211 |
| MMRN1 | 24 | 29292 | 4908 | 28461 | 25132 | 33101 | 22666 | 39218 |
| DDX10 | 24 | 883135 | 261377 | 878452 | 765150 | 954181 | 179970 | 1427013 |
| DNAJC3 | 24 | 19990 | 5619 | 18615 | 16525 | 21754 | 11432 | 33119 |
| NME3 | 24 | 10730 | 4888 | 11524 | 6894 | 14185 | 2356 | 18845 |
| SRSF9 | 24 | 107687 | 70173 | 72445 | 58734 | 146382 | 24278 | 267661 |
| SRSF6 | 24 | 70624 | 33002 | 60783 | 51991 | 84822 | 29301 | 161312 |
| TRIM28 | 24 | 21883 | 20362 | 18189 | 8237 | 26163 | 4552 | 86288 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| G3BP1 | 24 | 24995 | 11877 | 23920 | 15271 | 33463 | 7451 | 53418 |
| NMI | 24 | 35535 | 15273 | 35407 | 26579 | 40581 | 14434 | 87664 |
| SLAMF1 | 24 | 31725 | 4997 | 30580 | 27848 | 34214 | 24985 | 41782 |
| EIF3I | 24 | 20067 | 9563 | 16820 | 14266 | 24473 | 5918 | 41508 |
| ILK | 24 | 34666 | 38272 | 26841 | 16090 | 35839 | 13519 | 199420 |
| MSLN | 24 | 17998 | 4629 | 16964 | 14699 | 21487 | 10865 | 26929 |
| NNT | 24 | 35553 | 8299 | 33162 | 30452 | 41107 | 21649 | 57198 |
| SNTB2 | 24 | 42912 | 19137 | 35676 | 31697 | 44929 | 20621 | 109242 |
| PPIG | 20 | 11061 | 18592 | 4180 | 1415 | 9170 | 737 | 75856 |
| TCOF1 | 17 | 2047 | 1119 | 1814 | 1358 | 2769 | 391 | 4536 |
| TCOF1 | 24 | 50259 | 13757 | 48847 | 42845 | 56615 | 21657 | 81421 |
| SF3B2 | 24 | 90195 | 35184 | 84774 | 60258 | 114731 | 45118 | 170319 |
| GOLGA4 | 24 | 90478 | 11980 | 88055 | 82099 | 94946 | 76704 | 129217 |
| PDAP1 | 24 | 28691 | 7165 | 29254 | 23840 | 33891 | 14805 | 40342 |
| ADAM9 | 24 | 263996 | 102873 | 255642 | 187856 | 323726 | 114148 | 566523 |
| LSAMP | 24 | 23632 | 11888 | 21898 | 15059 | 27655 | 9322 | 59895 |
| FKBP5 | 24 | 53705 | 25608 | 41299 | 35971 | 60223 | 30724 | 116089 |
| MYO9B | 24 | 19139 | 3064 | 19161 | 16962 | 20109 | 14987 | 28267 |
| ROCK1 | 24 | 13212 | 2286 | 13193 | 11759 | 13742 | 10200 | 21216 |
| IL18R1 | 24 | 21463 | 13374 | 18980 | 15294 | 22609 | 8974 | 75535 |
| SMAD4 | 24 | 7126 | 2798 | 6352 | 5300 | 8513 | 3188 | 14827 |
| SNAPC2 | 24 | 15120 | 10834 | 12005 | 8044 | 16576 | 2492 | 39740 |
| TUBB3 | 24 | 7357 | 4099 | 6391 | 4675 | 9165 | 1959 | 21128 |
| PPP1R1A | 24 | 27495 | 9263 | 27301 | 22665 | 31054 | 8835 | 52384 |
| PRPF4B | 24 | 119833 | 23359 | 114392 | 103611 | 136767 | 87359 | 195723 |
| PIN1 | 24 | 11720 | 7139 | 10237 | 6655 | 13477 | 2629 | 29173 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| EIF4EBP1 | 23 | 13249 | 6704 | 11115 | 9313 | 15475 | 6277 | 37043 |
| HDAC1 | 24 | 265801 | 111754 | 250220 | 193242 | 303860 | 82406 | 552761 |
| DCTN2 | 24 | 24463 | 9981 | 23524 | 18119 | 27674 | 7570 | 48611 |
| ITPK1 | 23 | 5061 | 2664 | 4819 | 2607 | 6625 | 1675 | 10236 |
| SNW1 | 24 | 12058 | 2783 | 10951 | 10258 | 13494 | 8159 | 20589 |
| IQGAP2 | 24 | 44797 | 14582 | 40415 | 35003 | 54015 | 23159 | 75950 |
| GPR50 | 24 | 65436 | 10686 | 64136 | 62296 | 70587 | 40464 | 87135 |
| STIM1 | 24 | 52902 | 17664 | 45942 | 39863 | 58905 | 32130 | 92173 |
| TRA2A | 24 | 12713 | 4087 | 11569 | 9891 | 15073 | 7191 | 23715 |
| SNX1 | 24 | 16087 | 6033 | 15999 | 12760 | 19241 | 6798 | 33296 |
| KRR1 | 24 | 23902 | 11191 | 20280 | 16163 | 30353 | 4385 | 54405 |
| CUL1 | 24 | 11847 | 4886 | 10664 | 9348 | 14032 | 5393 | 27025 |
| CUL2 | 24 | 41136 | 18806 | 36953 | 25955 | 51865 | 13959 | 79838 |
| CUL4A | 24 | 45134 | 11799 | 43976 | 37778 | 51959 | 25844 | 70853 |
| GFUS | 24 | 27991 | 13955 | 28208 | 15820 | 35887 | 8383 | 53635 |
| RAB32 | 24 | 32235 | 12892 | 29405 | 21301 | 42742 | 12606 | 59502 |
| FHL3 | 19 | 4045 | 1082 | 4200 | 3623 | 4612 | 748 | 5970 |
| AAMP | 24 | 744606 | 407749 | 638353 | 433030 | 898311 | 287201 | 1569290 |
| ALCAM | 24 | 63241 | 16946 | 57708 | 52080 | 70888 | 45844 | 112803 |
| LAMB3 | 24 | 46557 | 12438 | 43847 | 39660 | 52746 | 26758 | 78678 |
| THOC5 | 24 | 13856 | 5931 | 12240 | 9715 | 16999 | 5905 | 25798 |
| APOF | 24 | 23015 | 10877 | 21757 | 16522 | 26617 | 7915 | 62612 |
| AUH | 24 | 8234 | 2413 | 7987 | 6760 | 9423 | 4086 | 14677 |
| DDX39B | 24 | 79402 | 24942 | 77076 | 60912 | 95320 | 30965 | 138234 |
| BLMH | 24 | 34884 | 12388 | 32544 | 26357 | 37167 | 22475 | 76568 |
| EXOSC2 | 24 | 18479 | 5485 | 17877 | 13735 | 22201 | 10513 | 30013 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SNTB1 | 23 | 3019 | 1550 | 2421 | 2013 | 3194 | 1127 | 6887 |
| TUBB2A | 24 | 17889 | 9879 | 16504 | 11633 | 23851 | 2390 | 42410 |
| BYSL | 24 | 48290 | 19528 | 41300 | 34110 | 54932 | 18365 | 87133 |
| RAPGEF1 | 24 | 48123 | 25828 | 41152 | 30338 | 54068 | 7417 | 106645 |
| CAPS | 24 | 163855 | 118337 | 158304 | 59795 | 231366 | 10458 | 406458 |
| CBFB | 24 | 10376 | 4341 | 10132 | 6618 | 13820 | 3929 | 19473 |
| IL16 | 24 | 15797 | 3707 | 15478 | 13271 | 18000 | 9921 | 22953 |
| CAMK1 | 24 | 7647 | 4792 | 7120 | 5842 | 8333 | 1311 | 25083 |
| COTL1 | 24 | 62554 | 25956 | 58725 | 43439 | 72350 | 27920 | 125134 |
| CYLC2 | 24 | 47946 | 17979 | 42962 | 36998 | 51153 | 31232 | 118810 |
| HNRNPD | 23 | 4905 | 2730 | 4492 | 3200 | 6224 | 707 | 14129 |
| SCARB2 | 22 | 2324 | 1050 | 1950 | 1561 | 3053 | 697 | 4513 |
| IL18 | 24 | 76664 | 36392 | 66760 | 53948 | 90481 | 17623 | 181021 |
| DPYS | 24 | 70480 | 24880 | 65467 | 52528 | 76282 | 39780 | 143925 |
| DAG1 | 24 | 20698 | 9177 | 17938 | 14712 | 25678 | 8174 | 47132 |
| VEZF1 | 23 | 6642 | 2360 | 6187 | 5335 | 7723 | 2548 | 12363 |
| DSG2 | 24 | 149351 | 46979 | 145810 | 115095 | 170668 | 67105 | 234405 |
| SEPTIN6 | 24 | 6423 | 2260 | 5995 | 5091 | 7797 | 2588 | 13098 |
| MORC3 | 24 | 69073 | 8925 | 68173 | 63383 | 75644 | 53710 | 92019 |
| SAFB2 | 24 | 14293 | 4619 | 14326 | 11342 | 15807 | 7465 | 24006 |
| EIF3A | 24 | 159616 | 68792 | 140900 | 122200 | 185463 | 62569 | 303366 |
| MLEC | 23 | 7125 | 4013 | 6257 | 4351 | 8563 | 1815 | 17792 |
| TTLL12 | 24 | 26753 | 14202 | 19585 | 15684 | 38959 | 11089 | 63472 |
| DOC2B | 24 | 851470 | 295673 | 764350 | 623485 | 974271 | 525028 | 1698845 |
| DOCK1 | 24 | 12368 | 3514 | 11516 | 10303 | 13189 | 8712 | 25599 |
| WRN | 24 | 109591 | 41670 | 94147 | 81762 | 127993 | 53223 | 197746 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FHL2 | 22 | 2987 | 2610 | 1842 | 1320 | 3055 | 927 | 9865 |
| CRMP1 | 24 | 63766 | 19318 | 58807 | 51377 | 67848 | 36336 | 105632 |
| DPYSL3 | 24 | 43008 | 53853 | 28794 | 16454 | 37592 | 10391 | 240368 |
| MRPL58 | 24 | 42531 | 18351 | 37633 | 28446 | 53655 | 17848 | 82630 |
| DYNC1H1 | 24 | 102239 | 37491 | 93791 | 69421 | 133673 | 35580 | 170845 |
| NPAT | 24 | 478670 | 82552 | 465325 | 450490 | 531966 | 317211 | 716701 |
| EIF2B1 | 24 | 94491 | 51805 | 87194 | 52645 | 108720 | 26510 | 211334 |
| ADGRE1 | 24 | 67025 | 30077 | 59480 | 44702 | 78786 | 33977 | 145930 |
| CTTN | 22 | 11596 | 8750 | 8848 | 6734 | 10940 | 3858 | 38083 |
| FLOT2 | 24 | 43786 | 16989 | 39824 | 33112 | 49868 | 19068 | 86553 |
| TRIM25 | 24 | 13677 | 6955 | 11508 | 8781 | 17287 | 4646 | 30631 |
| PTK2B | 24 | 92763 | 27709 | 89906 | 71641 | 106004 | 58595 | 182275 |
| FGL2 | 24 | 9777 | 2093 | 9555 | 8498 | 10991 | 5368 | 15970 |
| FAM50A | 24 | 6099 | 3024 | 5040 | 4413 | 6888 | 1821 | 16214 |
| FRG1 | 24 | 17459 | 6636 | 15930 | 13395 | 21014 | 5330 | 31776 |
| GAMT | 24 | 33901 | 22627 | 25960 | 18644 | 45406 | 6176 | 109722 |
| LRRC32 | 24 | 21901 | 11704 | 19195 | 14434 | 25591 | 7168 | 59485 |
| GK2 | 24 | 4742 | 1628 | 4557 | 3440 | 5704 | 2467 | 8716 |
| PDE3A | 24 | 34691 | 6556 | 33562 | 30399 | 37937 | 25557 | 53136 |
| SLBP | 22 | 12307 | 7147 | 11115 | 8209 | 13966 | 1185 | 32527 |
| RBM39 | 24 | 154709 | 90204 | 127403 | 105602 | 174493 | 46134 | 459755 |
| WFDC2 | 23 | 140550 | 140509 | 102143 | 47876 | 171887 | 646 | 523462 |
| SPARCL1 | 24 | 93146 | 58678 | 87932 | 52848 | 128339 | 9244 | 212398 |
| HABP2 | 24 | 22585 | 8650 | 21922 | 16813 | 26146 | 9762 | 47229 |
| HNF4G | 24 | 10756 | 3759 | 9072 | 8134 | 12209 | 6655 | 19366 |
| PDIA5 | 24 | 53555 | 36229 | 42188 | 31815 | 57244 | 20705 | 180676 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PRPSAP1 | 24 | 5703 | 2417 | 5132 | 4336 | 7031 | 2161 | 12078 |
| MCM6 | 24 | 7362 | 1905 | 7183 | 5988 | 7929 | 4981 | 11790 |
| ITPR2 | 24 | 30324 | 10200 | 28684 | 24043 | 32024 | 15892 | 59675 |
| ZNF268 | 24 | 78914 | 25828 | 72509 | 64764 | 81066 | 46960 | 152752 |
| IHH | 24 | 21033 | 9858 | 18892 | 13742 | 25246 | 8177 | 47809 |
| ITIH4 | 24 | 72348 | 41569 | 59410 | 48000 | 91020 | 21519 | 181795 |
| PLS1 | 24 | 54141 | 21898 | 51436 | 36501 | 71411 | 22311 | 105573 |
| LAGE3 | 24 | 10057 | 3912 | 10139 | 7681 | 12811 | 1726 | 16420 |
| KIAA0100 | 24 | 146256 | 17859 | 143572 | 135855 | 155331 | 115924 | 183594 |
| MDC1 | 24 | 2139932 | 381036 | 2106224 | 1834223 | 2388845 | 1535804 | 2958355 |
| KANK1 | 24 | 43617 | 15882 | 40464 | 36207 | 42662 | 24832 | 93555 |
| SMC1A | 24 | 265866 | 53157 | 255943 | 224720 | 281450 | 212189 | 424358 |
| RRP1B | 24 | 24005 | 6569 | 22894 | 20677 | 26770 | 14122 | 40578 |
| DIP2A | 24 | 150154 | 22731 | 144789 | 139325 | 167447 | 102569 | 201421 |
| BMS1 | 24 | 14215 | 2597 | 13451 | 12469 | 14990 | 10424 | 20607 |
| USP10 | 24 | 71682 | 15361 | 67116 | 60075 | 79671 | 49489 | 105248 |
| MESD | 24 | 14783 | 8178 | 12955 | 8692 | 20055 | 3685 | 32915 |
| GANAB | 24 | 46235 | 28800 | 37409 | 29020 | 55160 | 11022 | 145275 |
| KCNAB1 | 24 | 92325 | 35281 | 83880 | 66229 | 126334 | 39810 | 152581 |
| LBR | 24 | 10126 | 4219 | 9082 | 6921 | 13157 | 4138 | 18733 |
| MVP | 24 | 16595 | 11813 | 14002 | 8535 | 21252 | 4619 | 61626 |
| LTBP1 | 24 | 29187 | 11779 | 24794 | 21940 | 31114 | 18152 | 65867 |
| LTBP2 | 24 | 18429 | 4711 | 16601 | 15687 | 22015 | 10703 | 28766 |
| CHD4 | 24 | 26136 | 7061 | 24450 | 21494 | 29490 | 17511 | 45244 |
| CRYM | 24 | 34764 | 11933 | 32135 | 24416 | 46468 | 16646 | 56245 |
| KIR2DS1 | 24 | 52271 | 25399 | 43264 | 31526 | 70075 | 19464 | 115231 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| KPNB1 | 24 | 57583 | 19081 | 56819 | 46058 | 66835 | 23703 | 96248 |
| PSME4 | 22 | 4306 | 2684 | 3944 | 2379 | 5863 | 594 | 11597 |
| NAA25 | 24 | 14181 | 3134 | 13793 | 11895 | 16172 | 9053 | 20637 |
| NCAPH | 24 | 55064 | 17038 | 52438 | 42517 | 67930 | 27812 | 96763 |
| PCLAF | 18 | 2022 | 1594 | 1881 | 602 | 3347 | 164 | 5730 |
| WTAP | 24 | 33171 | 6646 | 30311 | 29396 | 36934 | 23308 | 47844 |
| PSMD6 | 24 | 9480 | 2654 | 9644 | 6888 | 11114 | 5533 | 15981 |
| MAD2L1BP | 24 | 27510 | 13529 | 23885 | 17604 | 32606 | 12081 | 64966 |
| ABRAXAS2 | 24 | 8541 | 2841 | 8167 | 6651 | 9880 | 4420 | 17506 |
| SART3 | 24 | 5551 | 2675 | 4691 | 3669 | 7463 | 1903 | 10955 |
| NCAPD2 | 24 | 59562 | 10156 | 57147 | 53252 | 65429 | 42000 | 86084 |
| ACAP1 | 24 | 21022 | 5917 | 19470 | 17842 | 23394 | 10607 | 33560 |
| SNX17 | 24 | 8050 | 3661 | 7254 | 6407 | 8602 | 3184 | 22103 |
| KARS1 | 24 | 28589 | 12539 | 27257 | 20531 | 33655 | 8084 | 63693 |
| LRRC14 | 24 | 5861 | 1821 | 5582 | 4689 | 6426 | 2614 | 10223 |
| ARHGEF6 | 24 | 153471 | 80196 | 134244 | 104945 | 187451 | 75319 | 457158 |
| ACAP2 | 24 | 46503 | 14191 | 43245 | 39710 | 48322 | 28864 | 91157 |
| WDR43 | 24 | 11550 | 3549 | 10987 | 8837 | 14079 | 5717 | 19287 |
| POSTN | 18 | 5335 | 3678 | 4050 | 3212 | 7069 | 845 | 14840 |
| POSTN | 24 | 14908 | 7490 | 14055 | 10659 | 16952 | 5855 | 39224 |
| EEA1 | 24 | 150897 | 52165 | 138129 | 124420 | 156143 | 77398 | 303093 |
| NCF4 | 24 | 5769 | 5199 | 4281 | 2093 | 7941 | 950 | 23854 |
| PAFAH1B3 | 24 | 73871 | 36962 | 64108 | 49594 | 87053 | 23371 | 163506 |
| PCOLCE | 24 | 7369 | 5336 | 5098 | 4393 | 7599 | 2798 | 22517 |
| PGM5 | 24 | 77239 | 156551 | 28269 | 20168 | 47219 | 11592 | 694043 |
| PMVK | 24 | 118916 | 60433 | 123626 | 65429 | 145250 | 32675 | 263502 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PRKD1 | 22 | 6056 | 3225 | 4797 | 4190 | 8711 | 2120 | 13188 |
| PLEC | 23 | 8333 | 2921 | 7614 | 6365 | 9441 | 4539 | 14759 |
| PPP2R5A | 23 | 5163 | 2630 | 4762 | 3685 | 5641 | 1822 | 12913 |
| PPA1 | 24 | 204929 | 143834 | 168861 | 107772 | 229122 | 30145 | 540270 |
| PDGFRL | 24 | 15841 | 7833 | 12458 | 10676 | 20337 | 5928 | 30725 |
| NONO | 24 | 16969 | 10488 | 15773 | 11715 | 18365 | 5450 | 56441 |
| QPRT | 24 | 17196 | 11420 | 15222 | 7756 | 23351 | 2384 | 47216 |
| RABEP1 | 24 | 31563 | 7825 | 31814 | 28332 | 35309 | 16108 | 55554 |
| RAB35 | 24 | 10204 | 4570 | 9347 | 7645 | 11964 | 3276 | 22093 |
| RCN1 | 24 | 11441 | 7508 | 9944 | 4751 | 16721 | 2916 | 24754 |
| RP1 | 24 | 20045 | 5466 | 19677 | 17187 | 20716 | 11895 | 34710 |
| ANKRD1 | 24 | 9655 | 2327 | 10016 | 7724 | 11072 | 5400 | 13877 |
| TTF1 | 24 | 26736 | 7204 | 25486 | 21543 | 28049 | 18732 | 45781 |
| TMED2 | 23 | 5208 | 6062 | 3216 | 2663 | 4268 | 997 | 29347 |
| PCBP1 | 24 | 241727 | 89270 | 229313 | 205241 | 289680 | 83932 | 432194 |
| PCBP2 | 24 | 221550 | 79267 | 216738 | 184932 | 261902 | 75435 | 392932 |
| ELOC | 24 | 9896 | 4398 | 9513 | 6364 | 11727 | 3348 | 19329 |
| RHEB | 24 | 4329 | 2075 | 4090 | 2576 | 5935 | 1390 | 8445 |
| UBE3C | 24 | 19843 | 7060 | 18746 | 15395 | 22497 | 8865 | 37336 |
| SF3B3 | 24 | 198564 | 107867 | 181822 | 114180 | 246759 | 63845 | 517599 |
| RSU1 | 24 | 20801 | 21567 | 14890 | 11699 | 17916 | 10525 | 114461 |
| CNN3 | 24 | 46940 | 40310 | 38175 | 30068 | 50241 | 13980 | 215457 |
| SAFB | 24 | 19639 | 8237 | 17569 | 14452 | 23782 | 9432 | 43387 |
| SF3B4 | 24 | 12366 | 3629 | 12234 | 8776 | 14118 | 6237 | 20106 |
| SF3A2 | 24 | 86830 | 21055 | 79025 | 73843 | 94956 | 58399 | 138510 |
| SEC23A | 24 | 9429 | 5241 | 7537 | 5654 | 11731 | 3532 | 22638 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SEC23B | 24 | 26013 | 10114 | 26519 | 17506 | 29763 | 7312 | 51413 |
| SF3A1 | 24 | 33079 | 15611 | 31711 | 22638 | 44369 | 7668 | 75194 |
| SKIV2L | 24 | 46542 | 16307 | 41703 | 36293 | 52894 | 22754 | 83387 |
| RGN | 24 | 8327 | 7776 | 6391 | 4481 | 8317 | 2802 | 41189 |
| CDSN | 24 | 28062 | 14009 | 25431 | 19629 | 31138 | 6017 | 63330 |
| TCEA2 | 24 | 26075 | 16939 | 23625 | 20463 | 26012 | 10767 | 100602 |
| TGFBI | 24 | 35416 | 29506 | 25392 | 14050 | 44576 | 7942 | 119089 |
| DIXDC1 | 24 | 28921 | 5147 | 28084 | 25801 | 30155 | 19833 | 43302 |
| TRADD | 24 | 7298 | 2118 | 6708 | 5751 | 8031 | 4706 | 11588 |
| TSN | 24 | 73532 | 34916 | 60629 | 47760 | 82916 | 41758 | 155187 |
| TRIP10 | 24 | 7509 | 3747 | 6494 | 4950 | 9162 | 2705 | 18281 |
| TRIP4 | 24 | 10960 | 3083 | 11120 | 8762 | 12896 | 4222 | 17170 |
| TRIP6 | 24 | 25980 | 13153 | 22279 | 19491 | 31274 | 10034 | 72483 |
| MAPRE1 | 24 | 27767 | 8650 | 27285 | 20226 | 33358 | 15120 | 44103 |
| TSC22D1 | 24 | 14470 | 5006 | 14059 | 11275 | 17019 | 5725 | 25831 |
| ELAVL1 | 24 | 63430 | 34556 | 55520 | 37765 | 80875 | 18972 | 157485 |
| INPP5J | 24 | 33162 | 11625 | 30429 | 26559 | 36815 | 19405 | 65018 |
| HERC1 | 24 | 970109 | 123159 | 959083 | 911076 | 1027578 | 688848 | 1283812 |
| TOMM34 | 24 | 15959 | 6430 | 15300 | 11055 | 21006 | 3322 | 26203 |
| TBCC | 24 | 18286 | 3721 | 17886 | 16255 | 19493 | 12492 | 29065 |
| UBE2V2 | 24 | 55333 | 18595 | 57212 | 41662 | 65701 | 20456 | 90937 |
| CST6 | 19 | 15014 | 11825 | 11592 | 9528 | 18015 | 2105 | 49974 |
| VAMP3 | 23 | 2318 | 2243 | 1559 | 1250 | 2176 | 897 | 9653 |
| NEDD8 | 24 | 51909 | 16665 | 49859 | 44558 | 58973 | 21455 | 100385 |
| ADIRF | 21 | 13835 | 27697 | 4546 | 3823 | 5874 | 1611 | 100998 |
| ADIPOQ | 24 | 169100 | 124922 | 122494 | 86920 | 197134 | 38747 | 536435 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ATP6AP1 | 24 | 13666 | 6103 | 12383 | 9372 | 17445 | 5317 | 27618 |
| RAB11B | 24 | 57081 | 24678 | 51022 | 40836 | 73348 | 25523 | 128691 |
| ZYX | 24 | 22632 | 17476 | 18123 | 14138 | 22064 | 6116 | 83647 |
| ADRM1 | 24 | 7191 | 2942 | 7143 | 5183 | 9080 | 2166 | 12612 |
| CCDC6 | 24 | 8953 | 4327 | 7580 | 5366 | 11889 | 2902 | 19947 |
| ENOX2 | 24 | 6743 | 2524 | 6450 | 4883 | 7810 | 2120 | 14546 |
| LAMA4 | 24 | 30883 | 5624 | 31260 | 28530 | 33610 | 18313 | 43996 |
| SSX1 | 24 | 6387 | 6125 | 4650 | 3616 | 6745 | 2680 | 33497 |
| CSRP2 | 24 | 17531 | 17967 | 11877 | 5646 | 24588 | 2020 | 70668 |
| DDB1 | 24 | 45208 | 16373 | 41063 | 32571 | 60495 | 22201 | 86353 |
| MAPK14 | 24 | 5026 | 1198 | 5216 | 4392 | 5782 | 1428 | 6753 |
| CDC37 | 24 | 41155 | 11657 | 38685 | 32598 | 47776 | 23118 | 75578 |
| DPYSL2 | 24 | 698385 | 533194 | 574209 | 311652 | 925965 | 137659 | 2280772 |
| SYPL1 | 24 | 23671 | 8126 | 21125 | 18109 | 28956 | 11037 | 42666 |
| RBBP7 | 24 | 7730 | 2503 | 8117 | 5156 | 9031 | 4044 | 12980 |
| FXN | 23 | 9289 | 5237 | 7781 | 5055 | 12780 | 2758 | 20301 |
| ZNF239 | 24 | 133533 | 67314 | 110569 | 93567 | 165222 | 34475 | 280253 |
| CALCRL | 24 | 26135 | 17861 | 21972 | 18068 | 25914 | 3587 | 82193 |
| SRSF7 | 24 | 17572 | 10164 | 14383 | 10970 | 18912 | 6196 | 49186 |
| PRSS8 | 24 | 19033 | 9199 | 16018 | 12422 | 22250 | 8712 | 44247 |
| FSCN1 | 24 | 62806 | 46507 | 43789 | 34174 | 77095 | 13780 | 172669 |
| IFI16 | 24 | 46884 | 41703 | 30858 | 21161 | 55351 | 10198 | 199446 |
| DECR1 | 24 | 143522 | 91444 | 114321 | 85294 | 160435 | 46359 | 369243 |
| MAN2A1 | 23 | 3912 | 1464 | 3488 | 2988 | 4243 | 2216 | 8150 |
| CLPP | 24 | 20074 | 7161 | 17584 | 14107 | 25905 | 11350 | 35161 |
| TST | 24 | 20433 | 17846 | 14258 | 8695 | 24378 | 3797 | 65555 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RTN1 | 24 | 4184 | 1650 | 4058 | 3061 | 4526 | 2666 | 10469 |
| UPP1 | 24 | 15581 | 3193 | 15470 | 13623 | 17022 | 9217 | 24461 |
| UGP2 | 24 | 6895 | 5024 | 5877 | 4059 | 7897 | 1644 | 26470 |
| UGP2 | 24 | 69764 | 32555 | 56361 | 50399 | 88374 | 24747 | 134134 |
| TXNRD1 | 24 | 37103 | 20438 | 33277 | 21722 | 41675 | 12412 | 78384 |
| IMPG1 | 24 | 61989 | 13048 | 62112 | 53812 | 69807 | 25511 | 83872 |
| LONRF1 | 24 | 242379 | 45386 | 228310 | 204619 | 259623 | 192742 | 360149 |
| NKPD1 | 24 | 7086 | 3823 | 5773 | 4675 | 9078 | 3153 | 20303 |
| HNRNPUL2 | 24 | 52886 | 39907 | 40780 | 31711 | 53907 | 15331 | 177413 |
| INF2 | 24 | 32849 | 9590 | 31056 | 25337 | 37285 | 20284 | 55075 |
| PDS5A | 24 | 98914 | 41390 | 87629 | 79810 | 101033 | 49014 | 259201 |
| C5orf64 | 24 | 19926 | 9186 | 16298 | 14004 | 24389 | 6870 | 49191 |
| CCDC96 | 24 | 59334 | 25223 | 52443 | 38411 | 65776 | 28195 | 110801 |
| SHROOM1 | 24 | 39465 | 9301 | 35682 | 32418 | 47240 | 26843 | 59138 |
| TSR1 | 24 | 61855 | 25269 | 55324 | 42315 | 66339 | 29420 | 135958 |
| IAH1 | 24 | 16706 | 8038 | 15649 | 10765 | 21001 | 5924 | 37184 |
| SMU1 | 24 | 9346 | 2910 | 8784 | 7616 | 11026 | 4334 | 17973 |
| SMU1 | 24 | 111436 | 55330 | 93483 | 85125 | 128190 | 47636 | 310352 |
| ASTE1 | 24 | 41089 | 28961 | 31862 | 24823 | 42824 | 13947 | 129555 |
| HKDC1 | 24 | 13775 | 5629 | 12910 | 9916 | 14786 | 8216 | 29879 |
| PRTG | 24 | 12549 | 3769 | 11710 | 9544 | 15667 | 6509 | 19458 |
| DEFB115 | 21 | 14918 | 13453 | 12026 | 7607 | 17278 | 1821 | 61475 |
| MYLK3 | 24 | 314750 | 102277 | 310479 | 264114 | 348089 | 128508 | 572087 |
| LRRFIP1 | 24 | 37513 | 11298 | 37259 | 29514 | 41436 | 21290 | 68050 |
| LRRFIP1 | 24 | 30349 | 7939 | 27186 | 23310 | 36955 | 19973 | 43956 |
| P3H1 | 24 | 36322 | 7129 | 35980 | 31482 | 41784 | 23593 | 53453 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TRMT5 | 24 | 6917 | 2218 | 6234 | 5664 | 7600 | 3913 | 12817 |
| C2orf76 | 24 | 15185 | 6352 | 13869 | 11570 | 16688 | 9058 | 38582 |
| TKFC | 24 | 5033 | 2610 | 5047 | 3464 | 6986 | 663 | 10659 |
| OTOGL | 24 | 39207 | 7324 | 38378 | 32977 | 45049 | 24604 | 52547 |
| LGALSL | 24 | 37416 | 10872 | 36975 | 30741 | 42620 | 11336 | 56983 |
| AMZ1 | 24 | 38153 | 15640 | 34546 | 26486 | 44502 | 20218 | 75550 |
| SV2C | 24 | 5697 | 2154 | 5329 | 4159 | 6668 | 2186 | 9925 |
| ZFP69 | 24 | 161365 | 35276 | 158082 | 134309 | 182886 | 108967 | 239299 |
| MAP9 | 24 | 21918 | 5206 | 20885 | 18213 | 26288 | 13306 | 34568 |
| VPS26B | 24 | 9133 | 2362 | 8636 | 7885 | 10275 | 4212 | 14379 |
| HYDIN | 24 | 355496 | 64620 | 343357 | 310395 | 373107 | 286348 | 555194 |
| TBC1D10B | 24 | 46532 | 20274 | 42507 | 30859 | 65049 | 19082 | 86350 |
| PLCH1 | 24 | 221709 | 44037 | 216262 | 192254 | 244302 | 134560 | 321002 |
| FILIP1L | 24 | 64765 | 13155 | 61929 | 57640 | 68131 | 46466 | 109187 |
| CCDC58 | 24 | 11251 | 6497 | 8776 | 6668 | 15564 | 2983 | 22856 |
| AMOT | 24 | 35901 | 17878 | 30236 | 24563 | 43808 | 19279 | 98718 |
| ATP13A5 | 24 | 13525 | 4053 | 13651 | 10880 | 15044 | 4796 | 22203 |
| TIGD2 | 24 | 11070 | 4416 | 9821 | 8875 | 11568 | 5714 | 23741 |
| GREB1 | 24 | 10868 | 2043 | 10790 | 9066 | 12021 | 7674 | 15518 |
| TMEM259 | 24 | 7659 | 1558 | 7333 | 6676 | 8499 | 5120 | 10616 |
| CCDC38 | 24 | 16393 | 4955 | 15756 | 12379 | 18374 | 10205 | 32209 |
| ATP6AP1L | 24 | 127842 | 83132 | 102076 | 83779 | 146715 | 37992 | 407723 |
| CCDC184 | 24 | 50826 | 35749 | 37508 | 24576 | 64638 | 15768 | 150773 |
| SBK1 | 24 | 8068 | 1341 | 7789 | 6880 | 9002 | 6222 | 10523 |
| PDCD4 | 24 | 21171 | 12288 | 16787 | 13012 | 26961 | 7750 | 58341 |
| FNDC3B | 24 | 459800 | 262494 | 419342 | 276735 | 492731 | 188640 | 1232094 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| NCBP3 | 24 | 15387 | 7309 | 12270 | 10425 | 21155 | 7072 | 30800 |
| TP53I3 | 24 | 59291 | 46258 | 45540 | 29149 | 65958 | 11663 | 183180 |
| HIKESHI | 23 | 6228 | 2277 | 5546 | 4814 | 6822 | 3672 | 12476 |
| SLC44A4 | 24 | 13355 | 3417 | 13412 | 11187 | 15670 | 5649 | 20210 |
| SLC44A4 | 24 | 186214 | 58598 | 175365 | 136026 | 217842 | 115503 | 320458 |
| PDLIM3 | 24 | 11043 | 21240 | 4176 | 2200 | 5787 | 1110 | 78956 |
| LACTB2 | 24 | 11072 | 4502 | 10912 | 7226 | 14254 | 3896 | 19792 |
| EIPR1 | 21 | 5055 | 2206 | 5055 | 3802 | 5875 | 592 | 9156 |
| SMUG1 | 24 | 17622 | 8306 | 16482 | 13227 | 21507 | 4161 | 35669 |
| SOWAHC | 24 | 26870 | 9477 | 24421 | 19324 | 32936 | 16263 | 56202 |
| LBH | 22 | 3720 | 1498 | 3977 | 2860 | 4720 | 394 | 6699 |
| ARHGAP15 | 24 | 60940 | 11643 | 60734 | 54493 | 67894 | 41045 | 87570 |
| FASTKD1 | 24 | 72431 | 14962 | 71346 | 64131 | 78761 | 43121 | 109296 |
| ASPRV1 | 24 | 104333 | 53764 | 90972 | 75866 | 122149 | 33420 | 236400 |
| HS1BP3 | 24 | 19032 | 13818 | 14982 | 11959 | 21818 | 7446 | 74861 |
| INO80D | 24 | 38355 | 10431 | 39908 | 30343 | 44669 | 14737 | 58219 |
| ACTBL2 | 24 | 25056 | 8780 | 22599 | 19983 | 28366 | 13028 | 48556 |
| CCDC93 | 24 | 113364 | 32234 | 107581 | 88992 | 123944 | 70810 | 191393 |
| OCIAD2 | 24 | 64853 | 30164 | 60875 | 44400 | 71810 | 20452 | 154945 |
| HSP90AB4P | 24 | 197441 | 35341 | 197592 | 168525 | 213933 | 145091 | 275347 |
| HSP90AA4P | 24 | 38251 | 6814 | 36443 | 34385 | 39197 | 27939 | 54222 |
| TTMP | 24 | 26480 | 11888 | 23975 | 19914 | 28460 | 12557 | 62909 |
| NOM1 | 24 | 53899 | 13236 | 51960 | 44185 | 61519 | 30907 | 90086 |
| ZC3H12A | 24 | 48543 | 27720 | 38440 | 28417 | 64623 | 20303 | 114423 |
| PDZD11 | 24 | 64919 | 23291 | 61161 | 46886 | 73937 | 36554 | 133609 |
| CMPK2 | 24 | 33482 | 9958 | 33363 | 26980 | 37396 | 20804 | 61175 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FBXO48 | 24 | 17827 | 5470 | 17528 | 13855 | 21215 | 9390 | 29487 |
| TNFAIP8L3 | 24 | 31969 | 9549 | 30224 | 27129 | 35663 | 18046 | 63276 |
| FREM1 | 24 | 120563 | 14827 | 121137 | 107155 | 132884 | 99062 | 148356 |
| RTL5 | 24 | 168544 | 44574 | 172593 | 137347 | 185061 | 94084 | 301567 |
| PABPC1L2A | 24 | 5958 | 1789 | 5917 | 4886 | 6426 | 3365 | 12559 |
| PRRC2B | 24 | 12384 | 7188 | 10903 | 7111 | 16689 | 2607 | 33365 |
| KLF17 | 24 | 16814 | 12572 | 13828 | 7284 | 18660 | 1675 | 46272 |
| COA6 | 24 | 5810 | 2888 | 4830 | 3254 | 8694 | 2647 | 11700 |
| AARS2 | 24 | 13299 | 7043 | 11906 | 8224 | 16109 | 3125 | 31747 |
| SPIN3 | 23 | 9381 | 7088 | 6639 | 5030 | 11203 | 1615 | 33161 |
| GNAS | 24 | 19862 | 6439 | 18671 | 15306 | 24598 | 9555 | 35535 |
| KIAA1755 | 24 | 51390 | 14527 | 48244 | 40764 | 63157 | 33133 | 92942 |
| PRSS36 | 24 | 7323 | 3911 | 6440 | 5379 | 8262 | 2266 | 20724 |
| SAMD9 | 24 | 234392 | 55495 | 216073 | 200731 | 241482 | 185775 | 405360 |
| DGKK | 24 | 151581 | 30965 | 146495 | 129424 | 161884 | 117276 | 251184 |
| SPECC1 | 24 | 137235 | 37567 | 127155 | 114450 | 151115 | 79933 | 226687 |
| WDR45B | 24 | 11521 | 3586 | 11286 | 9795 | 12200 | 6526 | 22920 |
| EOGT | 24 | 65976 | 19648 | 63951 | 53667 | 74020 | 35434 | 117979 |
| NEXMIF | 24 | 105725 | 23315 | 97544 | 91876 | 112589 | 70716 | 153924 |
| TBCEL | 24 | 8208 | 4159 | 6756 | 5551 | 10801 | 2035 | 18646 |
| ELFN2 | 24 | 128528 | 19296 | 126866 | 115234 | 136428 | 101424 | 181192 |
| TTC38 | 24 | 21376 | 16502 | 15964 | 11364 | 24370 | 4955 | 79415 |
| EXOSC6 | 22 | 4225 | 5006 | 3210 | 2126 | 4279 | 947 | 25660 |
| RBM48 | 24 | 11996 | 3833 | 10986 | 9769 | 13248 | 6715 | 21665 |
| LRRK2 | 24 | 84829 | 11522 | 83350 | 78428 | 91056 | 61400 | 107831 |
| PHYHD1 | 20 | 6659 | 3870 | 5407 | 4292 | 8582 | 2293 | 17806 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| HP1BP3 | 24 | 251516 | 267404 | 180521 | 126392 | 239156 | 71578 | 1401639 |
| FRMPD1 | 24 | 91259 | 17628 | 92654 | 82660 | 100175 | 60903 | 141251 |
| C6orf141 | 24 | 24056 | 4231 | 24426 | 21274 | 26383 | 16385 | 34757 |
| GLYATL3 | 24 | 82681 | 23762 | 81800 | 73253 | 100926 | 20935 | 121844 |
| FAM120AOS | 24 | 22398 | 29574 | 11730 | 6413 | 28403 | 5201 | 148224 |
| ZC3H13 | 24 | 28857 | 4370 | 28275 | 25844 | 31936 | 19833 | 38210 |
| TRAPPC3L | 24 | 6811 | 1713 | 6344 | 5738 | 8623 | 3489 | 9777 |
| ARMH3 | 24 | 44477 | 11085 | 41862 | 37115 | 47432 | 26513 | 71886 |
| IBA57 | 23 | 7397 | 6348 | 5137 | 3218 | 7738 | 1526 | 25324 |
| HECTD3 | 24 | 17123 | 5913 | 14681 | 12258 | 20685 | 9772 | 30536 |
| SFRP5 | 24 | 164267 | 94391 | 142035 | 119366 | 186081 | 18903 | 421102 |
| UBR4 | 24 | 10821 | 3949 | 10179 | 8632 | 13305 | 3857 | 18368 |
| UBR4 | 24 | 229007 | 45363 | 227918 | 195830 | 256448 | 139812 | 339056 |
| ZNF684 | 24 | 37672 | 11079 | 36423 | 29171 | 47208 | 18531 | 58657 |
| KIAA1217 | 24 | 57654 | 12661 | 53637 | 46059 | 67417 | 38451 | 84899 |
| ADGRF1 | 24 | 42222 | 62923 | 28784 | 20905 | 36971 | 10866 | 330571 |
| UBAP2 | 24 | 12813 | 5508 | 11016 | 9352 | 15153 | 5868 | 32695 |
| C9orf64 | 24 | 13552 | 6682 | 12851 | 7716 | 18343 | 1994 | 24807 |
| KPRP | 24 | 53701 | 18817 | 48412 | 41286 | 66248 | 20622 | 89207 |
| L1TD1 | 24 | 325643 | 95348 | 291990 | 266942 | 361057 | 215005 | 558187 |
| SYT6 | 24 | 55830 | 16126 | 57595 | 44817 | 64429 | 28043 | 97012 |
| RNF187 | 24 | 21834 | 6496 | 20108 | 17363 | 25156 | 10824 | 37718 |
| TTC22 | 24 | 10231 | 1548 | 9732 | 9304 | 11454 | 7160 | 12861 |
| DCAF8 | 23 | 7316 | 4272 | 5896 | 4605 | 8279 | 2999 | 22443 |
| RNASEH2B | 24 | 5228 | 1341 | 4973 | 4440 | 5664 | 3263 | 8384 |
| RC3H1 | 24 | 20582 | 5150 | 20727 | 15961 | 24426 | 12820 | 30821 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| OGFRL1 | 24 | 8863 | 2813 | 9290 | 7551 | 10148 | 2952 | 15126 |
| MAGI3 | 24 | 47364 | 7100 | 46879 | 43301 | 50097 | 38498 | 70636 |
| SH3PXD2A | 24 | 32406 | 7815 | 31082 | 27657 | 34284 | 21249 | 56265 |
| RSPH4A | 24 | 53164 | 26909 | 49967 | 32624 | 64435 | 21560 | 128711 |
| DDI2 | 24 | 15599 | 5626 | 15364 | 11993 | 17263 | 5931 | 29006 |
| C20orf194 | 24 | 15128 | 5088 | 13503 | 11978 | 17894 | 9433 | 28947 |
| H3-2 | 24 | 14724 | 39798 | 3285 | 1779 | 4634 | 945 | 181918 |
| C6orf163 | 24 | 44530 | 12259 | 42669 | 34869 | 53230 | 26337 | 70159 |
| NT5DC1 | 24 | 69788 | 31518 | 66168 | 43765 | 96446 | 22420 | 133976 |
| C1orf195 | 24 | 17951 | 8133 | 15962 | 12123 | 20311 | 6339 | 40791 |
| AHDC1 | 24 | 191679 | 34774 | 192807 | 179328 | 202057 | 125462 | 300340 |
| VPS13D | 24 | 556728 | 99869 | 518236 | 490151 | 617979 | 454481 | 817267 |
| CROCC | 24 | 108974 | 14931 | 110420 | 97986 | 118692 | 83783 | 138161 |
| AGBL2 | 24 | 57529 | 15127 | 53238 | 48583 | 62501 | 35761 | 96416 |
| ATF7IP2 | 24 | 16347 | 7373 | 15380 | 10954 | 18851 | 7187 | 38930 |
| RASIP1 | 24 | 26805 | 5476 | 26535 | 23562 | 29021 | 15060 | 39339 |
| STRIP1 | 24 | 36600 | 9889 | 33264 | 29782 | 40883 | 25943 | 68299 |
| SYDE2 | 24 | 49349 | 10613 | 48434 | 44036 | 53186 | 31232 | 77354 |
| RNF220 | 24 | 10661 | 2553 | 10846 | 9047 | 12336 | 6503 | 14872 |
| PRPF38B | 24 | 78025 | 30427 | 74610 | 53065 | 91656 | 39988 | 164448 |
| RNF20 | 24 | 37644 | 6577 | 36462 | 33591 | 41005 | 26728 | 50053 |
| ZNF318 | 24 | 123181 | 19702 | 120758 | 109023 | 135027 | 91389 | 170108 |
| DIPK1B | 24 | 29198 | 6665 | 27249 | 25640 | 32708 | 19571 | 41436 |
| ATRNL1 | 24 | 63569 | 15542 | 62165 | 56516 | 68911 | 34353 | 105535 |
| SPATA31A6 | 23 | 16842 | 24939 | 9147 | 6359 | 14789 | 1472 | 122318 |
| BROX | 24 | 22516 | 12142 | 19968 | 12443 | 31249 | 7078 | 57445 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FOCAD | 24 | 169702 | 32084 | 163966 | 148563 | 198301 | 117910 | 215600 |
| TAF3 | 24 | 108471 | 32487 | 102372 | 94577 | 115616 | 64692 | 233228 |
| PRAMEF8;PRAMEF7 | 24 | 13006 | 4531 | 12483 | 10338 | 14780 | 3800 | 23984 |
| RSBN1 | 24 | 7328 | 2990 | 6340 | 5428 | 8198 | 3873 | 15282 |
| LYPLAL1 | 24 | 13865 | 8809 | 11371 | 8990 | 14955 | 7248 | 49779 |
| ECPAS | 24 | 7813 | 1742 | 7996 | 6608 | 8700 | 4720 | 11703 |
| TSHZ3 | 24 | 18673 | 4566 | 18025 | 15225 | 20423 | 13373 | 32142 |
| AFMID | 24 | 14433 | 4498 | 14233 | 12912 | 16222 | 4542 | 26355 |
| KANK2 | 24 | 76655 | 32498 | 67557 | 53730 | 94381 | 42706 | 159562 |
| WASHC2A | 24 | 19389 | 11132 | 16834 | 12827 | 20059 | 8419 | 49465 |
| EEF1DP3 | 24 | 21559 | 10038 | 19733 | 14606 | 25258 | 9799 | 57835 |
| FAM91A1 | 24 | 115985 | 69555 | 92270 | 73792 | 122373 | 48338 | 302857 |
| LARP1B | 24 | 11572 | 4948 | 9909 | 8335 | 12274 | 6264 | 24735 |
| CEP135 | 24 | 43377 | 4858 | 43908 | 39299 | 46097 | 35194 | 52072 |
| TMEM198 | 24 | 227174 | 150300 | 168544 | 131753 | 250373 | 71326 | 687480 |
| MAP1S | 24 | 26379 | 7522 | 24470 | 22832 | 27351 | 16561 | 53453 |
| E4F1 | 24 | 20572 | 10789 | 16969 | 13431 | 26549 | 6092 | 46090 |
| ATG9B | 24 | 91695 | 39973 | 77066 | 65674 | 110131 | 41733 | 198645 |
| NUGGC | 24 | 270492 | 79340 | 252449 | 221742 | 286339 | 177519 | 523536 |
| TNS3 | 24 | 167972 | 39672 | 159691 | 147104 | 183345 | 105823 | 283690 |
| ANKS6 | 24 | 789992 | 208814 | 781717 | 702679 | 900833 | 451537 | 1484496 |
| LMBRD2 | 24 | 39459 | 11181 | 36892 | 32581 | 50404 | 13134 | 57945 |
| ZFYVE26 | 24 | 43719 | 8143 | 41690 | 38575 | 47420 | 34186 | 68259 |
| MSL1 | 24 | 13366 | 3833 | 12533 | 10652 | 15496 | 8429 | 22111 |
| C18orf63 | 24 | 32833 | 8877 | 31249 | 24997 | 39515 | 22084 | 54257 |
| CWF19L1 | 24 | 218664 | 98044 | 194512 | 153317 | 245421 | 94214 | 477907 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CYB5R2 | 24 | 19066 | 14122 | 14588 | 9451 | 21031 | 4436 | 58960 |
| UHRF1BP1 | 24 | 30413 | 5950 | 28144 | 26138 | 33890 | 20391 | 43429 |
| SP5 | 24 | 8889 | 2891 | 8325 | 7454 | 10486 | 2676 | 16471 |
| ATL3 | 24 | 32964 | 8359 | 31420 | 27580 | 36027 | 17567 | 52692 |
| NXN | 24 | 12863 | 5855 | 10632 | 9585 | 13306 | 7563 | 33122 |
| ZNF470 | 24 | 23556 | 5167 | 22166 | 20590 | 26475 | 17082 | 41935 |
| VASN | 21 | 5890 | 8225 | 3087 | 1997 | 4632 | 1079 | 32251 |
| SFRP4 | 24 | 282130 | 135732 | 271341 | 220501 | 298389 | 152265 | 826964 |
| CIAPIN1 | 24 | 77066 | 30307 | 77101 | 57038 | 92098 | 18988 | 129029 |
| SMYD5 | 24 | 3963 | 1302 | 3775 | 2971 | 4769 | 1892 | 7029 |
| PTRHD1 | 22 | 9337 | 5918 | 7386 | 5645 | 11457 | 2771 | 24175 |
| NADSYN1 | 24 | 5411 | 3051 | 4283 | 3240 | 6433 | 2437 | 13715 |
| LAMTOR1 | 24 | 37500 | 18350 | 34001 | 26921 | 43253 | 12015 | 95218 |
| TWF2 | 24 | 12767 | 3447 | 12219 | 10423 | 14814 | 6662 | 22108 |
| PHETA2 | 24 | 15152 | 13531 | 12947 | 7682 | 15716 | 1463 | 65922 |
| TANGO2 | 24 | 22161 | 9714 | 19940 | 15286 | 27081 | 9536 | 47351 |
| SPOPL | 24 | 12607 | 5474 | 11521 | 9820 | 13105 | 7535 | 34744 |
| RAB12 | 24 | 50958 | 18129 | 46062 | 36975 | 64441 | 24937 | 89289 |
| KLHL10 | 24 | 12140 | 2465 | 12156 | 10604 | 14063 | 5581 | 17792 |
| KRT80 | 24 | 12462 | 2159 | 12921 | 10883 | 13599 | 8594 | 16207 |
| NIPBL | 24 | 77058 | 15165 | 71427 | 65313 | 88655 | 56005 | 109677 |
| TET2 | 24 | 101671 | 32248 | 100258 | 77667 | 118929 | 49912 | 169493 |
| NAA16 | 24 | 212543 | 39788 | 215887 | 186357 | 226881 | 140692 | 319640 |
| CHADL | 24 | 33541 | 15906 | 28459 | 24677 | 41866 | 14789 | 79141 |
| PSAPL1 | 24 | 143354 | 40700 | 139853 | 118827 | 165531 | 59987 | 256094 |
| TYW1B | 24 | 7322 | 3160 | 6534 | 5759 | 7903 | 4479 | 20273 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DPY19L2 | 24 | 17316 | 3553 | 17283 | 14303 | 19456 | 11355 | 24917 |
| CRACDL | 24 | 77862 | 9277 | 77341 | 70333 | 85273 | 61995 | 91469 |
| NIPAL1 | 24 | 4988 | 1816 | 4323 | 3736 | 5737 | 2801 | 9860 |
| HIBCH | 24 | 609520 | 365279 | 510636 | 331236 | 746276 | 162034 | 1723305 |
| ZNF774 | 24 | 56365 | 25220 | 56051 | 36534 | 72006 | 14920 | 101590 |
| ANKRD54 | 24 | 324075 | 205784 | 274360 | 163294 | 488534 | 87989 | 717658 |
| PPP1R18 | 24 | 8204 | 2904 | 7396 | 6167 | 9467 | 3839 | 15769 |
| CAVIN1 | 24 | 107773 | 93571 | 81289 | 66123 | 92082 | 54357 | 430248 |
| ZCCHC8 | 24 | 3110 | 892 | 3036 | 2475 | 3618 | 1966 | 5657 |
| DHX57 | 24 | 69682 | 7364 | 69610 | 64110 | 73713 | 57653 | 89737 |
| MRPL54 | 21 | 6081 | 4267 | 4202 | 3206 | 8258 | 2013 | 18869 |
| CDC73 | 24 | 26238 | 13050 | 21824 | 18860 | 27603 | 14333 | 71650 |
| TATDN1 | 24 | 199201 | 66514 | 208232 | 145284 | 232226 | 96770 | 334705 |
| METTL2B | 24 | 6940 | 2637 | 6258 | 5399 | 7705 | 3472 | 16302 |
| C8orf82 | 23 | 3373 | 1100 | 3361 | 2862 | 4077 | 804 | 5554 |
| EDC4 | 24 | 4097 | 1331 | 4123 | 3154 | 4481 | 2308 | 8641 |
| PRPF8 | 24 | 5740 | 1310 | 5624 | 4950 | 6165 | 3404 | 9954 |
| NEK5 | 24 | 3569199 | 1477198 | 3066016 | 2731713 | 4295766 | 1737792 | 6985820 |
| SCYL2 | 24 | 55012 | 12286 | 51558 | 45562 | 59894 | 35689 | 86124 |
| TTC27 | 24 | 12947 | 2247 | 12591 | 11431 | 14165 | 9422 | 18412 |
| PLBD1 | 24 | 47700 | 28303 | 43368 | 23393 | 69240 | 11924 | 103983 |
| LMOD2 | 24 | 90615 | 63732 | 82456 | 48875 | 119348 | 18857 | 268197 |
| NOTUM | 24 | 8017 | 2947 | 7164 | 5667 | 9103 | 4269 | 16151 |
| GIMAP6 | 24 | 32567 | 8131 | 30512 | 26890 | 38464 | 23092 | 56960 |
| VWA1 | 24 | 115722 | 60830 | 106075 | 81063 | 124468 | 47119 | 314485 |
| PGM2L1 | 24 | 26019 | 16191 | 20256 | 14551 | 31574 | 10445 | 72476 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CTR9 | 24 | 42798 | 12877 | 39588 | 34195 | 47663 | 26334 | 69471 |
| TEX38 | 19 | 8234 | 5868 | 6015 | 4698 | 11206 | 412 | 24967 |
| TTC37 | 24 | 78035 | 11839 | 76960 | 68211 | 86077 | 62696 | 104922 |
| DARS2 | 24 | 63629 | 14076 | 66151 | 54490 | 69414 | 41001 | 97675 |
| FBXO46 | 24 | 11346 | 9204 | 9472 | 7404 | 11775 | 4609 | 52808 |
| LARP1 | 24 | 61435 | 16866 | 56040 | 50219 | 66816 | 40352 | 101420 |
| ATAD2 | 24 | 30665 | 8960 | 29044 | 25470 | 31776 | 16959 | 57224 |
| CPLX2 | 24 | 10479 | 2674 | 10239 | 8872 | 12496 | 5918 | 14875 |
| SLC25A47 | 24 | 90115 | 18287 | 92361 | 80809 | 102433 | 58460 | 129420 |
| SPAG17 | 24 | 168456 | 33364 | 160333 | 144731 | 182858 | 125451 | 247042 |
| SPATA8 | 22 | 2302 | 1365 | 2050 | 1302 | 2810 | 554 | 5817 |
| MTHFD1L | 24 | 8691 | 2295 | 8506 | 7512 | 9444 | 3756 | 16096 |
| CSPG4 | 24 | 3958736 | 622620 | 3947071 | 3531518 | 4173376 | 2823651 | 5488224 |
| DHRS11 | 24 | 21595 | 5216 | 20702 | 17807 | 25675 | 12065 | 37816 |
| SBSN | 24 | 67455 | 16219 | 66527 | 53418 | 75748 | 47123 | 111652 |
| ENPP7 | 24 | 17961 | 3861 | 17806 | 15951 | 20094 | 7681 | 24225 |
| OLFML1 | 24 | 18006 | 5967 | 16496 | 14144 | 20881 | 9945 | 33203 |
| CWC27 | 24 | 53841 | 14334 | 58638 | 46384 | 65948 | 28108 | 71177 |
| OLFM4 | 24 | 78245 | 71926 | 52421 | 37201 | 65327 | 23679 | 294478 |
| LAYN | 24 | 66726 | 45750 | 53701 | 32791 | 90633 | 8421 | 162248 |
| PLXDC2 | 24 | 36286 | 14765 | 33832 | 29219 | 38189 | 15712 | 89539 |
| WDR82 | 24 | 7968 | 2360 | 7929 | 6118 | 8793 | 3463 | 14275 |
| MUC6 | 24 | 3833 | 1411 | 3455 | 2783 | 4918 | 1901 | 7198 |
| RAB11FIP1 | 24 | 14145 | 4808 | 13080 | 10969 | 16504 | 5599 | 29092 |
| ASCL4 | 24 | 6477 | 1583 | 6465 | 5089 | 7491 | 4180 | 9924 |
| NAPRT | 24 | 23434 | 9700 | 21393 | 17082 | 26442 | 11383 | 45651 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GIGYF2 | 24 | 108875 | 24459 | 103370 | 92600 | 112809 | 83773 | 178184 |
| CD109 | 24 | 18781 | 8102 | 16447 | 13401 | 19324 | 9421 | 40652 |
| HSDL2 | 24 | 32048 | 11916 | 29231 | 22070 | 42053 | 15048 | 54971 |
| KYAT3 | 24 | 21266 | 6309 | 19870 | 16277 | 26032 | 11936 | 36296 |
| PPP1R21 | 24 | 4468 | 937 | 4471 | 3815 | 4897 | 2378 | 6173 |
| GLDN | 23 | 9427 | 3064 | 9309 | 6854 | 11557 | 4681 | 16115 |
| THSD4 | 24 | 46533 | 12476 | 45311 | 35893 | 53039 | 33296 | 85498 |
| TMPRSS11A | 24 | 7989 | 3298 | 7257 | 6088 | 8459 | 2763 | 17856 |
| ZNF783 | 24 | 34675 | 17375 | 30936 | 22999 | 47706 | 10439 | 87868 |
| TRIM72 | 24 | 11976 | 2835 | 11993 | 9504 | 13874 | 6403 | 17055 |
| LEKR1 | 24 | 14271 | 6463 | 12831 | 9878 | 16048 | 7460 | 36004 |
| ZNF782 | 24 | 11898 | 5830 | 10306 | 9313 | 11915 | 3932 | 31228 |
| SPOCD1 | 24 | 47711 | 19023 | 44227 | 35515 | 54185 | 29051 | 121159 |
| MEX3B | 24 | 62321 | 20669 | 63637 | 50468 | 72779 | 28453 | 106005 |
| BNC2 | 24 | 132914 | 55887 | 138077 | 88421 | 179053 | 38051 | 248364 |
| GBP6 | 24 | 397977 | 120832 | 374441 | 315843 | 441256 | 199723 | 702954 |
| CCDC81 | 24 | 107337 | 22267 | 100433 | 91173 | 127282 | 67675 | 146661 |
| ZNF836 | 24 | 2730 | 886 | 2440 | 2238 | 3193 | 1164 | 4718 |
| RNF111 | 24 | 185614 | 66444 | 171314 | 151226 | 217206 | 64956 | 336775 |
| FRRS1 | 24 | 351181 | 534369 | 214507 | 85777 | 273721 | 43773 | 2584029 |
| FGD5 | 24 | 26781 | 11551 | 22530 | 18356 | 35086 | 12497 | 49126 |
| RBM44 | 24 | 98145 | 23027 | 98781 | 82538 | 108830 | 55880 | 149331 |
| SLCO4C1 | 24 | 24698 | 5998 | 23416 | 20446 | 26405 | 18402 | 39861 |
| WDR87 | 24 | 54109 | 11204 | 51391 | 47951 | 59000 | 40406 | 91600 |
| CATSPERG | 24 | 55236 | 27468 | 48391 | 39432 | 68652 | 11471 | 121391 |
| FAM83H | 24 | 12280 | 3476 | 12071 | 10369 | 13612 | 6293 | 22761 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| LINC00696 | 24 | 4278 | 2637 | 3611 | 2873 | 4492 | 2077 | 14741 |
| ZNF662 | 24 | 65158 | 32046 | 51815 | 45746 | 89100 | 27356 | 143180 |
| C1orf122 | 24 | 6675 | 1976 | 6323 | 5305 | 7876 | 4208 | 12069 |
| LCNL1 | 24 | 27553 | 11072 | 28027 | 19253 | 36638 | 4035 | 51595 |
| CDHR3 | 24 | 92848 | 34942 | 81925 | 74691 | 111182 | 40807 | 173800 |
| CFAP47 | 24 | 161179 | 35537 | 148622 | 138886 | 168459 | 115358 | 270442 |
| MSANTD1 | 24 | 6681 | 2199 | 6924 | 5301 | 8065 | 2225 | 10936 |
| UBN2 | 24 | 123854 | 26827 | 122100 | 99688 | 144408 | 70163 | 171111 |
| FAM205A | 24 | 52353 | 15794 | 47854 | 41158 | 57543 | 36442 | 101861 |
| CEP128 | 24 | 46488 | 7540 | 46343 | 41038 | 50055 | 30797 | 60891 |
| MROH5 | 24 | 13407 | 3767 | 12420 | 10415 | 15087 | 9387 | 21895 |
| SPATA31E1 | 24 | 37200 | 7977 | 37115 | 29850 | 41834 | 24398 | 57161 |
| CCDC121 | 24 | 56553 | 20227 | 50769 | 45366 | 66398 | 22776 | 121984 |
| GPRIN3 | 24 | 16157 | 4088 | 15383 | 13393 | 18880 | 8048 | 24620 |
| CFAP20DC | 24 | 8292 | 2664 | 8153 | 6755 | 9733 | 3083 | 14272 |
| NCCRP1 | 21 | 8806 | 3284 | 8673 | 6503 | 11026 | 2402 | 16753 |
| MICALCL | 24 | 129002 | 36704 | 118608 | 102843 | 149301 | 81183 | 251915 |
| TMPRSS11F | 24 | 70962 | 15439 | 67417 | 61187 | 83077 | 45423 | 100729 |
| USP31 | 24 | 38229 | 9119 | 36974 | 32290 | 43105 | 24382 | 64004 |
| RAPH1 | 24 | 22175 | 6743 | 21109 | 17351 | 24647 | 11784 | 36408 |
| USP43 | 24 | 71694 | 24609 | 63387 | 56667 | 78692 | 44262 | 147737 |
| UBE2R2 | 24 | 11954 | 3832 | 12432 | 9571 | 14690 | 5543 | 20952 |
| CBLL1 | 24 | 10714 | 3358 | 10204 | 8822 | 11854 | 4257 | 20329 |
| FBN3 | 24 | 119234 | 42011 | 107859 | 90835 | 127455 | 60974 | 220129 |
| MTSS2 | 17 | 2375 | 1518 | 2099 | 1524 | 2879 | 676 | 7052 |
| BRINP3 | 24 | 71132 | 18247 | 71024 | 60756 | 80545 | 38954 | 104604 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SSH2 | 24 | 27228 | 13386 | 25199 | 18393 | 34109 | 8801 | 59701 |
| SUPT6H | 24 | 151265 | 43778 | 135612 | 122151 | 161250 | 101165 | 262485 |
| SND1 | 24 | 34699 | 19833 | 29933 | 23446 | 40680 | 9154 | 107231 |
| DDX46 | 24 | 134293 | 51732 | 126305 | 100425 | 168215 | 79164 | 309390 |
| TRIL | 24 | 427372 | 132250 | 435243 | 313994 | 534695 | 207102 | 669998 |
| TRMT10C | 24 | 498960 | 132745 | 469805 | 422948 | 523110 | 308760 | 854909 |
| CHST9 | 24 | 7664 | 4497 | 6391 | 4921 | 9206 | 1589 | 22160 |
| ASRGL1 | 24 | 77355 | 61262 | 66967 | 25536 | 123138 | 979 | 207287 |
| KCTD9 | 24 | 205518 | 103515 | 186470 | 141363 | 253975 | 57682 | 515891 |
| EIF3M | 24 | 8215 | 4267 | 7380 | 5284 | 10017 | 2780 | 18102 |
| MEPCE | 24 | 14281 | 6252 | 13698 | 9488 | 18905 | 4124 | 26316 |
| PARS2 | 24 | 112131 | 44747 | 104552 | 87082 | 116126 | 50520 | 206300 |
| CYFIP1 | 24 | 29924 | 9121 | 30149 | 20964 | 37373 | 16773 | 49671 |
| COPS6 | 24 | 83981 | 31481 | 80594 | 61464 | 102483 | 38219 | 162016 |
| EPM2AIP1 | 24 | 3050 | 661 | 3125 | 2696 | 3410 | 1328 | 4020 |
| TAOK1 | 24 | 23752 | 8219 | 22821 | 19206 | 26486 | 10115 | 51907 |
| KDM3B | 24 | 26432 | 5897 | 24978 | 23494 | 28111 | 14745 | 43370 |
| CHMP1B | 24 | 60834 | 18972 | 62627 | 52094 | 74374 | 12475 | 95716 |
| CHST3 | 24 | 20973 | 8316 | 19340 | 15805 | 23315 | 8086 | 46341 |
| OTOP1 | 24 | 7008 | 2724 | 6391 | 5394 | 7513 | 4307 | 15430 |
| MICAL3 | 24 | 166031 | 25527 | 165463 | 146129 | 185252 | 127174 | 215303 |
| PHF5A | 24 | 8646 | 4611 | 7833 | 5743 | 11383 | 2510 | 22164 |
| OVCH1 | 24 | 9213 | 2105 | 8771 | 8071 | 10164 | 5594 | 14041 |
| OVCH2 | 24 | 8096 | 2636 | 7888 | 6193 | 9260 | 4300 | 14391 |
| TRMT1L | 24 | 31007 | 18631 | 26087 | 21406 | 34359 | 12525 | 102291 |
| ZC3HAV1 | 24 | 23856 | 10545 | 19554 | 16733 | 27782 | 14114 | 55495 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GVINP1 | 24 | 114434 | 20382 | 111047 | 99910 | 120881 | 75932 | 164771 |
| NUP54 | 24 | 9586 | 3129 | 9220 | 7832 | 10295 | 4889 | 19278 |
| DGLUCY | 24 | 13279 | 4048 | 11972 | 10623 | 15617 | 7501 | 22642 |
| CCDC186 | 24 | 129527 | 40342 | 118266 | 100837 | 143406 | 81996 | 219946 |
| VPS35L | 22 | 5378 | 2759 | 4734 | 3546 | 7316 | 1598 | 10698 |
| ZFYVE16 | 24 | 32583 | 8563 | 29606 | 26371 | 35595 | 21605 | 54112 |
| MYH14 | 24 | 83494 | 16243 | 82516 | 71187 | 93399 | 58720 | 116026 |
| NUFIP2 | 24 | 36895 | 7335 | 34185 | 32515 | 41865 | 27216 | 52826 |
| SZRD1 | 24 | 28217 | 10683 | 26335 | 20193 | 32515 | 11316 | 62223 |
| MAVS | 24 | 10686 | 4013 | 10997 | 7485 | 13152 | 3609 | 17463 |
| PKD1L3 | 24 | 41132 | 12891 | 37936 | 33620 | 46098 | 25757 | 89497 |
| DHX29 | 24 | 206428 | 91320 | 188634 | 151548 | 221154 | 105440 | 537434 |
| NPHP3 | 24 | 15167 | 2320 | 14627 | 13576 | 16130 | 12447 | 21952 |
| HDDC2 | 24 | 12586 | 5893 | 10531 | 8918 | 15911 | 5546 | 27667 |
| POGLUT3 | 24 | 1712163 | 816431 | 1554529 | 1226724 | 1876951 | 894743 | 4953718 |
| LIMS2 | 24 | 22381 | 7963 | 20557 | 18237 | 27330 | 9471 | 38049 |
| DCXR | 24 | 54305 | 18463 | 51430 | 38656 | 66655 | 22781 | 98800 |
| AKNA | 24 | 14521 | 2740 | 13977 | 13106 | 16066 | 9588 | 21502 |
| TAFA1 | 24 | 81424 | 28665 | 80593 | 64521 | 95539 | 14204 | 129709 |
| POLN | 24 | 56888 | 9916 | 56232 | 49490 | 62431 | 38998 | 81412 |
| PPP1R32 | 24 | 72185 | 21421 | 65410 | 59883 | 76958 | 52334 | 151084 |
| SNX20 | 23 | 135961 | 61953 | 128819 | 85045 | 174716 | 52663 | 310994 |
| SPRED2 | 24 | 28045 | 15578 | 24901 | 15914 | 36056 | 3970 | 67238 |
| ARPIN | 24 | 16991 | 10188 | 13994 | 11560 | 18142 | 7083 | 47360 |
| HUWE1 | 24 | 66228 | 18972 | 61479 | 50995 | 77530 | 45187 | 111797 |
| YTHDF3 | 24 | 16423 | 5297 | 15040 | 12688 | 19431 | 8169 | 28876 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CTU1 | 24 | 25378 | 14310 | 21405 | 16715 | 25802 | 9634 | 63233 |
| ABI3BP | 24 | 38618 | 9442 | 36042 | 32362 | 46000 | 24474 | 62149 |
| ZNF467 | 24 | 76031 | 22909 | 72875 | 62790 | 83875 | 45025 | 157422 |
| C11orf96 | 24 | 50145 | 28470 | 42145 | 31347 | 54571 | 19224 | 125375 |
| MEGF8 | 24 | 17194 | 3579 | 16392 | 15604 | 19895 | 10899 | 23989 |
| GALNT5 | 24 | 164253 | 25582 | 161157 | 151906 | 171913 | 120189 | 217651 |
| GALNT7 | 24 | 37188 | 10037 | 36224 | 28569 | 44837 | 22930 | 55867 |
| PHLDB2 | 24 | 20955 | 6042 | 18937 | 16852 | 25435 | 12556 | 34079 |
| WDR86 | 24 | 156653 | 49465 | 152219 | 123310 | 189963 | 39731 | 245364 |
| SETD3 | 24 | 38586 | 19357 | 34046 | 29650 | 39362 | 15195 | 120966 |
| TTC7B | 24 | 11847 | 4143 | 10562 | 9591 | 12522 | 6994 | 21735 |
| ADCK1 | 24 | 113354 | 19882 | 112304 | 103081 | 129016 | 65780 | 146473 |
| ACOT1 | 19 | 2773 | 2131 | 2102 | 1565 | 3052 | 689 | 8647 |
| NOP9 | 20 | 3262 | 1163 | 2808 | 2327 | 4400 | 1251 | 5430 |
| METTL3 | 24 | 29493 | 11965 | 26457 | 22162 | 35591 | 15142 | 64192 |
| PRPF39 | 24 | 40479 | 20010 | 34412 | 31147 | 46765 | 10865 | 113729 |
| SAPCD2 | 24 | 37767 | 8350 | 37859 | 34266 | 42426 | 15878 | 58891 |
| OAF | 24 | 4855 | 2187 | 4549 | 3371 | 5950 | 1618 | 10589 |
| ZNF546 | 24 | 21303 | 4155 | 21423 | 18535 | 23462 | 14565 | 28902 |
| MTDH | 24 | 141022 | 70823 | 117833 | 91352 | 162379 | 55859 | 344343 |
| LRRTM1 | 24 | 7257 | 3054 | 7044 | 5560 | 8418 | 2826 | 16125 |
| ABCA12 | 24 | 66006 | 6171 | 66021 | 62422 | 70010 | 55164 | 77209 |
| RTN4RL1 | 24 | 30761 | 18933 | 26442 | 20953 | 35105 | 4175 | 99699 |
| RTN4RL2 | 24 | 10998 | 7024 | 8249 | 7447 | 10473 | 5173 | 29604 |
| SMG6 | 24 | 47121 | 15312 | 43387 | 39328 | 49208 | 28333 | 101318 |
| BCL9L | 24 | 279136 | 53971 | 280452 | 232708 | 323016 | 181176 | 363398 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ITIH5 | 21 | 24110 | 4222 | 23908 | 22205 | 26613 | 12696 | 31353 |
| FERMT3 | 24 | 31333 | 16054 | 28539 | 19317 | 39652 | 11862 | 74356 |
| LUZP1 | 24 | 8882 | 2493 | 8174 | 7394 | 9856 | 4855 | 16907 |
| ALYREF | 24 | 20007 | 10135 | 17893 | 13334 | 26495 | 5894 | 47807 |
| FAM160B2 | 24 | 22740 | 8901 | 21015 | 16181 | 24499 | 12375 | 44170 |
| ZC3H18 | 24 | 11507 | 3263 | 11795 | 9098 | 12825 | 6301 | 20258 |
| VPS36 | 24 | 21159 | 8186 | 19070 | 16817 | 23364 | 8465 | 41100 |
| CAND1 | 24 | 92715 | 45679 | 77903 | 58782 | 114178 | 33434 | 194231 |
| GLCCI1 | 24 | 9671 | 4027 | 8239 | 7267 | 10908 | 5748 | 22555 |
| TXNDC2 | 24 | 289434 | 127606 | 232287 | 207915 | 309747 | 175800 | 634940 |
| HOOK3 | 24 | 116319 | 34084 | 114176 | 91988 | 127160 | 73151 | 217534 |
| COMMD7 | 24 | 2941 | 1126 | 2526 | 2223 | 3501 | 1207 | 5754 |
| METTL16 | 24 | 15035 | 3279 | 15115 | 12514 | 17263 | 10063 | 20612 |
| ZC3HC1 | 24 | 6047 | 2834 | 5309 | 4529 | 6399 | 2814 | 15302 |
| PKHD1L1 | 24 | 27452 | 6392 | 24886 | 22643 | 30606 | 20158 | 44471 |
| CCDC25 | 24 | 18881 | 5993 | 18775 | 12998 | 22200 | 9764 | 32269 |
| CARM1 | 24 | 10246 | 5226 | 8906 | 7682 | 12861 | 2677 | 22637 |
| CIR1 | 24 | 5572 | 3382 | 4613 | 4062 | 6524 | 1408 | 18591 |
| FAM131B | 24 | 10708 | 6351 | 9652 | 6115 | 11981 | 2013 | 25099 |
| MICU3 | 24 | 33791 | 7706 | 33834 | 30824 | 37152 | 19552 | 51365 |
| ZNF575 | 24 | 10075 | 3564 | 9151 | 7340 | 13117 | 4931 | 17912 |
| PPP1R3B | 24 | 87776 | 43070 | 78938 | 59824 | 106799 | 23871 | 187309 |
| ZSWIM9 | 24 | 21080 | 4555 | 20278 | 17699 | 23010 | 14453 | 30186 |
| ANKLE2 | 24 | 104834 | 25095 | 100642 | 85929 | 116920 | 59240 | 171842 |
| DZIP3 | 24 | 26601 | 8150 | 24277 | 21060 | 29974 | 16150 | 50878 |
| STX12 | 24 | 6149 | 4019 | 5075 | 3070 | 7243 | 1994 | 15553 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ZGRF1 | 24 | 47790 | 13411 | 44781 | 42061 | 51371 | 30691 | 86050 |
| ERO1B | 24 | 30769 | 7149 | 29671 | 25795 | 36636 | 15387 | 44205 |
| ZNF280B | 23 | 3674 | 1932 | 3385 | 2322 | 4452 | 924 | 7795 |
| MARCHF9 | 24 | 19112 | 5486 | 18643 | 16722 | 21137 | 8707 | 33710 |
| ANKRD13B | 24 | 309949 | 91209 | 305591 | 242590 | 360551 | 121648 | 490368 |
| TMPRSS6 | 24 | 75875 | 26331 | 68796 | 56609 | 87287 | 41234 | 137519 |
| IRF2BP1 | 24 | 344697 | 291491 | 255443 | 174418 | 347785 | 122861 | 1346881 |
| RHPN2 | 24 | 69061 | 37743 | 63028 | 49519 | 80727 | 14608 | 176414 |
| TGIF2LX | 24 | 7371 | 2623 | 7090 | 5469 | 8504 | 4058 | 16238 |
| H2AC21 | 19 | 21121 | 24308 | 12946 | 9291 | 18739 | 1537 | 96981 |
| AEBP1 | 24 | 2172706 | 1329319 | 1803273 | 1254251 | 2563521 | 794680 | 5996562 |
| PHYKPL | 24 | 371486 | 155493 | 330239 | 282966 | 371700 | 218224 | 808963 |
| PLD3 | 24 | 14292 | 9355 | 11239 | 8849 | 17260 | 4458 | 45746 |
| LIX1L | 24 | 244486 | 75298 | 251526 | 185271 | 286138 | 140170 | 419882 |
| ZNF584 | 24 | 240771 | 100539 | 214144 | 182891 | 289487 | 102348 | 474210 |
| NUDCD3 | 24 | 26831 | 7829 | 26071 | 20942 | 32175 | 14409 | 41953 |
| P3H2 | 24 | 29568 | 16055 | 26390 | 20816 | 30636 | 9517 | 69180 |
| P3H3 | 24 | 7449 | 2969 | 7009 | 5290 | 9392 | 2611 | 12932 |
| MUSTN1 | 23 | 3574 | 2174 | 3032 | 2235 | 4241 | 1119 | 10437 |
| MISP | 24 | 7037 | 1829 | 6678 | 6360 | 7669 | 3849 | 13118 |
| IGDCC3 | 24 | 94602 | 13270 | 93255 | 85925 | 104737 | 68298 | 115679 |
| CDKL3 | 24 | 15978 | 6688 | 14747 | 12267 | 17406 | 7409 | 34194 |
| APLF | 24 | 27811 | 11049 | 23844 | 20566 | 33750 | 12032 | 57112 |
| MAPKAPK5 | 24 | 81770 | 37975 | 78086 | 52687 | 106087 | 19782 | 157184 |
| NAXD | 24 | 4861 | 2450 | 4194 | 3197 | 6035 | 1338 | 10590 |
| NAXD | 24 | 44421 | 36083 | 34528 | 29321 | 43664 | 13349 | 175180 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| WDFY1 | 24 | 17139 | 3819 | 15832 | 14536 | 19205 | 11041 | 26731 |
| TEX2 | 24 | 66406 | 17077 | 63273 | 54900 | 70878 | 40311 | 106483 |
| FAM114A1 | 24 | 24932 | 7925 | 23683 | 21216 | 28341 | 9350 | 46191 |
| GCC2 | 24 | 52313 | 11610 | 49724 | 43136 | 59808 | 34093 | 74557 |
| HSCB | 24 | 28804 | 11670 | 24961 | 21690 | 32534 | 6264 | 56446 |
| CUL9 | 24 | 2953277 | 403363 | 3021259 | 2663893 | 3209557 | 2094879 | 3755502 |
| LMTK2 | 24 | 65463 | 17280 | 64592 | 50994 | 74284 | 41623 | 101748 |
| SULF1 | 24 | 836208 | 449569 | 699565 | 616471 | 885257 | 181959 | 2386583 |
| UBR1 | 24 | 10219 | 2761 | 9324 | 8296 | 11338 | 7096 | 17051 |
| CHERP | 24 | 31516 | 6539 | 28452 | 27293 | 35707 | 21191 | 49581 |
| SCUBE1 | 24 | 6072 | 2204 | 5782 | 4825 | 6986 | 2421 | 11982 |
| TRIM42 | 24 | 9103 | 3455 | 8213 | 7275 | 9235 | 3976 | 20084 |
| SUGP1 | 24 | 439720 | 94174 | 425189 | 372135 | 496455 | 281350 | 641907 |
| UEVLD | 24 | 13991 | 3706 | 13294 | 11962 | 15894 | 6613 | 23123 |
| CCAR1 | 24 | 56904 | 11412 | 55935 | 49390 | 61191 | 33699 | 87047 |
| DNAJC10 | 24 | 56973 | 24072 | 50057 | 37308 | 68777 | 21500 | 118150 |
| NELFCD | 24 | 48433 | 20091 | 43008 | 38864 | 52318 | 28446 | 126991 |
| ASXL1 | 24 | 249614 | 107424 | 199539 | 175618 | 292510 | 117057 | 511297 |
| PHC2 | 22 | 61282 | 63519 | 39287 | 22265 | 80307 | 1778 | 232453 |
| MSRB3 | 21 | 7009 | 7909 | 4539 | 3525 | 6057 | 1002 | 34998 |
| IQCF2 | 24 | 235014 | 91667 | 228539 | 164056 | 300188 | 62113 | 425812 |
| MRPL41 | 24 | 17010 | 4373 | 16334 | 14097 | 18773 | 8981 | 26858 |
| ETFBKMT | 24 | 688701 | 311741 | 620125 | 504385 | 812484 | 336015 | 1747497 |
| FAM217A | 21 | 41845 | 84568 | 18776 | 16996 | 33934 | 673 | 406632 |
| RBM12B | 24 | 89820 | 30013 | 82363 | 69504 | 96191 | 50664 | 157490 |
| ZC3H3 | 24 | 8851 | 4091 | 7131 | 6369 | 9442 | 4340 | 20846 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DDX60 | 19 | 7385 | 5789 | 6321 | 4304 | 7087 | 2922 | 26977 |
| MICALL2 | 24 | 19120 | 4186 | 18542 | 16350 | 22284 | 11060 | 26189 |
| RAVER1 | 24 | 8700 | 3424 | 8315 | 6184 | 11757 | 4000 | 18090 |
| FTSJ3 | 24 | 5442 | 2293 | 5836 | 3901 | 7037 | 855 | 10530 |
| MKX | 24 | 48676 | 8414 | 47184 | 43407 | 52492 | 37657 | 77436 |
| DIS3L2 | 24 | 15645 | 4504 | 14774 | 13453 | 16428 | 9256 | 28141 |
| ZNF595 | 24 | 22094 | 6993 | 21309 | 17569 | 24135 | 11561 | 38171 |
| LAS2 | 24 | 31164 | 6325 | 29746 | 27084 | 35738 | 20727 | 46946 |
| EXOC8 | 24 | 37367 | 22513 | 32598 | 28151 | 36589 | 22564 | 136656 |
| TRMT44 | 24 | 10600 | 12470 | 6544 | 5555 | 7858 | 3868 | 58761 |
| THNSL1 | 24 | 17813 | 3364 | 16817 | 15819 | 18996 | 13424 | 28079 |
| CFAP206 | 24 | 29790 | 13994 | 24948 | 22330 | 34509 | 17276 | 77771 |
| PM20D2 | 24 | 6060 | 2362 | 5384 | 4588 | 6946 | 3467 | 14113 |
| HACE1 | 24 | 30850 | 9191 | 30982 | 25383 | 32603 | 18843 | 68439 |
| MICU2 | 24 | 8715 | 4235 | 7794 | 6001 | 9048 | 3779 | 24007 |
| CHPF | 24 | 103691 | 24470 | 97823 | 86670 | 120144 | 68994 | 168042 |
| NRSN1 | 24 | 10165 | 9730 | 7033 | 6248 | 8738 | 2801 | 48534 |
| ALDH16A1 | 22 | 12865 | 11175 | 9747 | 7450 | 15582 | 1822 | 57230 |
| RTKN2 | 24 | 141394 | 80032 | 118280 | 94998 | 178161 | 31454 | 293268 |
| ADGRF3 | 24 | 16057 | 6282 | 16546 | 12822 | 19396 | 4129 | 27392 |
| PELP1 | 24 | 12493 | 24807 | 5529 | 3733 | 7539 | 2838 | 124848 |
| ZNF654 | 24 | 10776 | 5202 | 9267 | 7611 | 12229 | 4664 | 25683 |
| C1orf87 | 24 | 25812 | 7338 | 26310 | 21090 | 30913 | 11935 | 41097 |
| SPART | 24 | 75327 | 15942 | 69699 | 66062 | 81535 | 51055 | 117170 |
| PGAM4 | 24 | 17719 | 8042 | 17918 | 12811 | 21364 | 1240 | 40595 |
| CNPY4 | 19 | 4577 | 2843 | 3962 | 2887 | 5772 | 849 | 12963 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ADSS1 | 24 | 9462 | 6339 | 8107 | 5687 | 11389 | 3964 | 34806 |
| AHI1 | 24 | 94753 | 28452 | 85110 | 75182 | 100635 | 57484 | 163729 |
| NAGS | 24 | 30111 | 9396 | 27661 | 25084 | 33888 | 16816 | 54598 |
| ZNF567 | 24 | 14685 | 3525 | 14390 | 11627 | 16017 | 8754 | 21370 |
| CARF | 24 | 47588 | 36640 | 35334 | 26793 | 61859 | 11146 | 189025 |
| C4orf33 | 24 | 11055 | 4129 | 10986 | 7053 | 14802 | 5598 | 21253 |
| C1orf158 | 23 | 5947 | 2895 | 5137 | 3861 | 7263 | 1606 | 13003 |
| STK11IP | 24 | 16914 | 2929 | 17514 | 15514 | 18545 | 9656 | 21366 |
| LRRC47 | 24 | 29837 | 10436 | 30283 | 22505 | 33523 | 14690 | 63289 |
| CRYBG2 | 24 | 50113 | 12827 | 48178 | 42153 | 57184 | 28018 | 80580 |
| VWDE | 24 | 9936 | 2123 | 9893 | 8272 | 11689 | 5575 | 13191 |
| ZCCHC24 | 24 | 30157 | 15425 | 26854 | 18565 | 35805 | 11547 | 84359 |
| GHDC | 24 | 239357 | 128753 | 226837 | 162725 | 263149 | 96579 | 646444 |
| OSR2 | 24 | 19315 | 7012 | 18444 | 15595 | 22098 | 8076 | 34577 |
| LTBP4 | 24 | 208284 | 80741 | 182551 | 161322 | 244092 | 114534 | 426494 |
| PIAS4 | 24 | 128454 | 41911 | 119106 | 102151 | 157540 | 56175 | 230929 |
| GPD1L | 24 | 56517 | 32397 | 46063 | 36154 | 65114 | 17029 | 158695 |
| EHBP1L1 | 24 | 35683 | 5005 | 34868 | 32257 | 37271 | 29610 | 52710 |
| MICALL1 | 24 | 66559 | 20769 | 59797 | 54010 | 76197 | 38897 | 132005 |
| TXLNB | 24 | 63828 | 17359 | 63414 | 49958 | 70803 | 27901 | 105836 |
| PHTF2 | 24 | 47250 | 17988 | 39838 | 37454 | 51810 | 28395 | 107449 |
| FNBP4 | 24 | 17100 | 7073 | 15156 | 12049 | 20307 | 7442 | 38301 |
| GUF1 | 24 | 77142 | 16493 | 74741 | 64563 | 85836 | 50023 | 117463 |
| RIBC1 | 24 | 10123 | 4927 | 8165 | 7009 | 12418 | 4204 | 22518 |
| SFRP1 | 23 | 3058 | 1676 | 2605 | 2031 | 3449 | 1236 | 8592 |
| LIX1 | 24 | 34966 | 15591 | 33813 | 27025 | 37766 | 10984 | 74625 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PNKD | 24 | 925786 | 817412 | 754801 | 387612 | 1248108 | 19047 | 3728656 |
| GALNT4 | 24 | 6213 | 1848 | 5708 | 5205 | 7106 | 3466 | 11872 |
| BPIFB2 | 24 | 112083 | 94296 | 87602 | 46931 | 146584 | 11919 | 451736 |
| MARVELD2 | 24 | 179931 | 77263 | 156421 | 128594 | 237369 | 69101 | 348622 |
| CPA6 | 24 | 10291 | 3091 | 9738 | 8435 | 12597 | 5871 | 17034 |
| CBR4 | 24 | 6995 | 2587 | 6690 | 5581 | 7648 | 3020 | 13707 |
| AFAP1L2 | 24 | 107642 | 28756 | 104349 | 89773 | 120084 | 58739 | 194118 |
| TTC39C | 24 | 47880 | 10042 | 47446 | 42268 | 53248 | 28266 | 72812 |
| FAM89B | 24 | 139701 | 106205 | 105427 | 78066 | 153206 | 30297 | 482150 |
| ARRDC1 | 24 | 2737 | 1753 | 2143 | 1481 | 3393 | 789 | 7557 |
| SLC25A41 | 22 | 7867 | 11003 | 4739 | 3155 | 7436 | 971 | 52497 |
| CPSF7 | 24 | 16957 | 7760 | 15400 | 11355 | 20546 | 7489 | 39758 |
| ESX1 | 23 | 7758 | 3358 | 7077 | 6165 | 8476 | 2331 | 17664 |
| ARFGAP2 | 24 | 121187 | 27915 | 112671 | 105009 | 137919 | 74072 | 201715 |
| OTUD6B | 24 | 15346 | 6255 | 15440 | 10986 | 19696 | 4871 | 29698 |
| SIRT6 | 24 | 737662 | 321169 | 674889 | 486034 | 905546 | 303862 | 1647946 |
| CCDC185 | 24 | 57356 | 11454 | 57100 | 50852 | 64507 | 31536 | 77786 |
| SLC66A3 | 24 | 140466 | 135274 | 116114 | 80888 | 155576 | 25763 | 735332 |
| ZNF525 | 24 | 8602 | 4945 | 7484 | 6711 | 8783 | 4940 | 30178 |
| PAF1 | 24 | 9860 | 5109 | 8136 | 6078 | 12129 | 2000 | 22063 |
| PAF1 | 24 | 53045 | 10781 | 53529 | 48926 | 57913 | 27889 | 73439 |
| ZNF283 | 24 | 1199423 | 995193 | 1020927 | 601487 | 1208018 | 473534 | 5045665 |
| ADGB | 24 | 32620 | 9590 | 30905 | 25642 | 37692 | 17384 | 51766 |
| ANKRD31 | 24 | 67570 | 11850 | 64381 | 61160 | 73893 | 47072 | 95433 |
| UBR7 | 24 | 28664 | 14162 | 24839 | 22034 | 28245 | 15519 | 70609 |
| ZNF614 | 24 | 56148 | 39787 | 48630 | 38879 | 61157 | 4889 | 218549 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DDX51 | 24 | 10937 | 2825 | 11170 | 8718 | 12242 | 5851 | 16410 |
| KIAA1958 | 24 | 17847 | 5163 | 18461 | 14211 | 20308 | 6311 | 28386 |
| PTGR2 | 24 | 8120 | 3725 | 7338 | 5688 | 10640 | 2530 | 16101 |
| SLC25A29 | 21 | 17832 | 13383 | 17108 | 10037 | 18323 | 5474 | 70699 |
| PNPLA1 | 24 | 28005 | 6802 | 26643 | 22781 | 31636 | 18559 | 44676 |
| MAB21L3 | 24 | 27814 | 9238 | 24675 | 20040 | 34769 | 14827 | 45561 |
| ANKFN1 | 24 | 10771 | 4140 | 9764 | 7780 | 14731 | 4060 | 20113 |
| ZNF709 | 24 | 102005 | 19570 | 102557 | 89275 | 110241 | 69604 | 146232 |
| IGSF22 | 24 | 64276 | 27672 | 56028 | 47108 | 66821 | 30031 | 132126 |
| DTX3 | 24 | 35780 | 9671 | 35590 | 29730 | 40973 | 18739 | 57969 |
| ASCC1 | 24 | 5632 | 1652 | 5244 | 4482 | 5868 | 3726 | 10415 |
| LRRC57 | 24 | 6993 | 2578 | 6655 | 5526 | 7590 | 3906 | 16512 |
| FSIP1 | 24 | 178685 | 70760 | 155788 | 132576 | 191444 | 108071 | 385740 |
| WDR31 | 24 | 3504 | 924 | 3467 | 2951 | 4170 | 1797 | 5238 |
| C12orf50 | 24 | 23884 | 7332 | 22157 | 18960 | 27754 | 13214 | 45207 |
| TEX45 | 24 | 129381 | 29569 | 118999 | 112045 | 148633 | 72828 | 186297 |
| FAM47B | 24 | 5236 | 1485 | 5207 | 4095 | 5823 | 3061 | 9396 |
| MARCHF10 | 24 | 39575 | 11311 | 35385 | 29472 | 47119 | 25158 | 61952 |
| ZBTB38 | 24 | 109742 | 39537 | 102079 | 88389 | 118785 | 64185 | 253322 |
| PRPF38A | 24 | 24517 | 10980 | 23465 | 19143 | 28042 | 8628 | 61629 |
| KDF1 | 24 | 58063 | 26288 | 52613 | 39355 | 71029 | 17264 | 126490 |
| MLKL | 24 | 21917 | 5070 | 21506 | 19690 | 24716 | 9461 | 35487 |
| NHLRC2 | 24 | 12333 | 5235 | 11115 | 8368 | 17630 | 5474 | 23271 |
| AVL9 | 24 | 34541 | 7541 | 32279 | 29392 | 39703 | 22450 | 50745 |
| COLGALT1 | 24 | 17026 | 7697 | 14371 | 12460 | 17550 | 10898 | 45950 |
| POGLUT1 | 24 | 1580637 | 2413876 | 999881 | 820832 | 1443193 | 621308 | 12796210 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SLC4A11 | 24 | 15945 | 7410 | 15878 | 12205 | 18568 | 4218 | 37036 |
| TXNDC5 | 23 | 9433 | 5764 | 9036 | 5098 | 12783 | 1448 | 21663 |
| RNF149 | 24 | 38651 | 44582 | 26154 | 21485 | 46385 | 6345 | 232814 |
| LEMD2 | 24 | 6393 | 3607 | 5431 | 4044 | 6645 | 3397 | 17181 |
| NOA1 | 24 | 23276 | 5847 | 24106 | 18617 | 27636 | 11535 | 34439 |
| FAM98A | 24 | 53085 | 13226 | 49868 | 43589 | 62365 | 35835 | 82661 |
| MTMR14 | 24 | 28321 | 8847 | 25873 | 22668 | 32761 | 17236 | 56060 |
| NFATC2IP | 24 | 13471 | 6311 | 11491 | 9742 | 14908 | 5613 | 29653 |
| GALNT6 | 24 | 202724 | 51742 | 205842 | 165905 | 233260 | 121227 | 295350 |
| NAXE | 24 | 33902 | 16036 | 33431 | 23406 | 39144 | 7833 | 75820 |
| CARMIL3 | 24 | 44561 | 11958 | 43406 | 34499 | 53770 | 28304 | 74868 |
| RNF214 | 24 | 39594 | 10592 | 38043 | 32024 | 42029 | 27277 | 69023 |
| LSM14A | 24 | 6508 | 3844 | 5431 | 4690 | 6833 | 3204 | 22329 |
| C3orf20 | 24 | 13095 | 7188 | 11146 | 8081 | 16605 | 4146 | 31941 |
| MROH1 | 24 | 9034 | 1464 | 8660 | 8294 | 9433 | 6503 | 12644 |
| MAPK1IP1L | 23 | 15455 | 9499 | 13598 | 12382 | 18586 | 3315 | 44882 |
| TNRC6A | 24 | 108561 | 19035 | 109233 | 94516 | 119480 | 79816 | 171800 |
| ZNF738 | 24 | 89984 | 26414 | 84003 | 76854 | 96227 | 60081 | 191148 |
| ABCF1 | 24 | 22630 | 6422 | 21001 | 18329 | 26671 | 11701 | 39229 |
| ACRBP | 24 | 15318 | 14959 | 11781 | 6715 | 18160 | 4430 | 76437 |
| PIK3C3 | 24 | 842110 | 205063 | 800527 | 719421 | 891352 | 574453 | 1482474 |
| CATSPER1 | 24 | 9090 | 4500 | 7202 | 6539 | 10830 | 4535 | 22064 |
| TTC16 | 24 | 38022 | 7450 | 37867 | 31904 | 42647 | 24746 | 56804 |
| NGDN | 24 | 15726 | 9974 | 13133 | 10202 | 17324 | 4129 | 49261 |
| RTL9 | 24 | 94434 | 13012 | 91009 | 84938 | 103277 | 77791 | 132178 |
| SDR9C7 | 24 | 21431 | 4586 | 20897 | 18693 | 23301 | 12435 | 33812 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SPATA4 | 23 | 9038 | 5764 | 7493 | 5820 | 10905 | 3268 | 29895 |
| FBXO22 | 24 | 12758 | 4793 | 12254 | 10261 | 14051 | 5283 | 24707 |
| BOD1L1 | 24 | 139163 | 30809 | 130630 | 121570 | 143202 | 107462 | 239658 |
| ANKK1 | 24 | 87724 | 24782 | 82497 | 73849 | 94711 | 40126 | 153595 |
| NUP37 | 24 | 18258 | 4255 | 17871 | 15314 | 21748 | 11337 | 27017 |
| NUP35 | 23 | 2337 | 1666 | 1927 | 1356 | 2514 | 743 | 8333 |
| REPS2 | 22 | 3298 | 2178 | 2745 | 2063 | 4075 | 1292 | 11382 |
| GPRC5A | 20 | 4629 | 3547 | 3340 | 2329 | 5855 | 825 | 14260 |
| GJC3 | 24 | 40232 | 35209 | 27159 | 21566 | 48734 | 11436 | 170781 |
| MDGA1 | 24 | 7141 | 2394 | 6431 | 5705 | 7189 | 4906 | 14266 |
| NBEA | 24 | 210870 | 39745 | 203497 | 180597 | 238454 | 143834 | 287862 |
| CCDC148 | 24 | 22995 | 5257 | 22981 | 20685 | 26089 | 8245 | 32308 |
| DNER | 24 | 46330 | 21248 | 46453 | 30648 | 64154 | 14468 | 105240 |
| TSTD1 | 24 | 17243 | 9945 | 15027 | 10990 | 21948 | 2107 | 37907 |
| TSTD1 | 24 | 23915 | 6264 | 23133 | 19397 | 26731 | 14196 | 42377 |
| CMAS | 24 | 21040 | 8907 | 20230 | 13808 | 27199 | 9153 | 45368 |
| TRIM58 | 24 | 46774 | 28918 | 34453 | 26833 | 64400 | 12583 | 121557 |
| KNL1 | 24 | 90621 | 22228 | 85216 | 75856 | 107916 | 52399 | 135332 |
| OR56B2P | 22 | 22668 | 16061 | 16295 | 11470 | 34411 | 2135 | 60580 |
| OR13C9 | 24 | 12460 | 7420 | 11833 | 6707 | 16589 | 2474 | 31170 |
| OR6N2 | 24 | 8230569 | 4401560 | 7564012 | 5356137 | 11062994 | 1234612 | 21767660 |
| OR2T3 | 24 | 38418 | 17055 | 35763 | 30075 | 40062 | 16304 | 101858 |
| OR51A7 | 24 | 12400 | 5704 | 11588 | 8858 | 13361 | 5725 | 27658 |
| AKR7L | 18 | 30302 | 21092 | 30102 | 13923 | 38084 | 1178 | 78467 |
| PLBD2 | 24 | 16882 | 6426 | 15508 | 12601 | 20392 | 6611 | 28873 |
| SPATA22 | 24 | 35384 | 13292 | 34737 | 25747 | 39520 | 20491 | 72463 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TDRD7 | 24 | 3459590 | 1105173 | 3003988 | 2715953 | 4051853 | 2071415 | 6166425 |
| GIMAP7 | 24 | 6651 | 1766 | 6386 | 5741 | 7809 | 3234 | 10603 |
| GAS2L2 | 24 | 61459 | 11626 | 59579 | 54197 | 64871 | 44093 | 94211 |
| HUS1B | 24 | 112184 | 46880 | 95934 | 80028 | 127158 | 67245 | 233138 |
| THOC2 | 24 | 164452 | 31583 | 156144 | 148209 | 179070 | 116407 | 263497 |
| WDR36 | 24 | 41401 | 10501 | 39372 | 34464 | 48572 | 24304 | 61069 |
| COQ8A | 24 | 165607 | 60299 | 144536 | 122330 | 186533 | 99420 | 335498 |
| SLC30A5 | 24 | 9797 | 3064 | 9234 | 7937 | 10779 | 4742 | 19347 |
| GADD45GIP1 | 23 | 3346 | 2823 | 2195 | 1637 | 4871 | 512 | 12961 |
| WDR48 | 24 | 28031 | 5039 | 28541 | 24925 | 31296 | 17765 | 39683 |
| TYMSOS | 24 | 15661 | 3746 | 15055 | 13419 | 18249 | 8758 | 22347 |
| SMARCC2 | 24 | 18472 | 5947 | 18084 | 14404 | 20695 | 10799 | 36714 |
| NPLOC4 | 24 | 369106 | 111108 | 388262 | 295722 | 422703 | 169940 | 674046 |
| NA | 24 | 49051 | 14393 | 46290 | 37423 | 56479 | 30713 | 78753 |
| ZNF519 | 22 | 3185 | 2543 | 2404 | 2018 | 3454 | 881 | 12835 |
| PIGX | 24 | 39910 | 21863 | 31746 | 27523 | 45171 | 12562 | 110277 |
| TBC1D16 | 24 | 17747 | 5306 | 17842 | 16158 | 20424 | 4907 | 29443 |
| CIRBP-AS1 | 24 | 14240 | 4277 | 13298 | 10537 | 17328 | 7295 | 22170 |
| MDM1 | 24 | 8507 | 2265 | 8036 | 6771 | 10523 | 5253 | 14277 |
| FAM71B | 24 | 30521 | 8331 | 28679 | 25712 | 34035 | 17726 | 59071 |
| ACTL9 | 23 | 10941 | 3843 | 10105 | 8511 | 12899 | 3849 | 19296 |
| NT5C | 24 | 29115 | 15517 | 23926 | 17029 | 42066 | 7217 | 58544 |
| PNPT1 | 24 | 41444 | 10953 | 40638 | 34251 | 46584 | 25626 | 78056 |
| AGR3 | 23 | 58460 | 94874 | 30634 | 11252 | 48415 | 993 | 370413 |
| NEK9 | 24 | 9872 | 2687 | 9960 | 7781 | 12264 | 5463 | 16413 |
| ZNF675 | 24 | 54156 | 8872 | 52635 | 50282 | 57791 | 40220 | 80997 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GPT2 | 24 | 9584 | 8743 | 6959 | 5560 | 9584 | 2789 | 40612 |
| PLEKHO2 | 24 | 22046 | 7915 | 19965 | 17016 | 26001 | 11873 | 42057 |
| MAGEE2 | 24 | 13439 | 7546 | 11063 | 7645 | 17570 | 5314 | 33038 |
| ACTRT1 | 24 | 75748 | 39288 | 61785 | 49796 | 87801 | 27188 | 171422 |
| BPIFB1 | 24 | 86868 | 24570 | 84995 | 69337 | 96748 | 43475 | 161808 |
| BRIX1 | 22 | 9995 | 4438 | 9266 | 7262 | 12129 | 4191 | 18998 |
| RNASEH2C | 24 | 84089 | 47783 | 71498 | 53846 | 97062 | 24068 | 210168 |
| GNPDA2 | 24 | 16850 | 6995 | 15798 | 11600 | 21860 | 5240 | 34227 |
| FAT3 | 24 | 179365 | 24169 | 173872 | 162335 | 186962 | 152040 | 238980 |
| IGDCC4 | 24 | 22377 | 6092 | 20676 | 18644 | 24844 | 13044 | 39478 |
| MICAL1 | 24 | 137994 | 45152 | 128605 | 104887 | 162097 | 77158 | 232560 |
| PANK1 | 24 | 8742 | 2113 | 8636 | 7741 | 10301 | 4785 | 12799 |
| TAS1R2 | 24 | 25719 | 7512 | 25604 | 18990 | 32388 | 14262 | 37701 |
| ADAMTS17 | 24 | 175850 | 53106 | 167397 | 142856 | 195500 | 87749 | 300712 |
| ADAMTS15 | 24 | 197990 | 55357 | 183494 | 163267 | 215288 | 129328 | 347859 |
| EPS8L1 | 24 | 38440 | 11843 | 37429 | 28227 | 45772 | 21807 | 64794 |
| DNAH5 | 24 | 137392 | 24314 | 130093 | 122581 | 147654 | 91304 | 204220 |
| SH3TC1 | 24 | 11046 | 2665 | 10806 | 9684 | 11465 | 7843 | 18441 |
| NSUN6 | 24 | 119213 | 24620 | 115169 | 101215 | 132582 | 84359 | 188252 |
| TBCK | 24 | 10101 | 2990 | 9733 | 7985 | 12049 | 3615 | 15617 |
| DTD1 | 24 | 9002 | 4169 | 8558 | 6038 | 10728 | 3005 | 20181 |
| IPO4 | 24 | 35017 | 9263 | 33505 | 28728 | 40768 | 18808 | 60111 |
| PNISR | 24 | 36851 | 19636 | 34196 | 24281 | 40438 | 15593 | 102738 |
| DYNLRB2 | 22 | 4534 | 1937 | 4256 | 3431 | 4965 | 2350 | 10573 |
| WHAMM | 24 | 13231 | 3154 | 13084 | 11343 | 14628 | 7311 | 20189 |
| ZNF483 | 24 | 49450 | 10697 | 48670 | 39605 | 59106 | 32354 | 67187 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| FNIP1 | 24 | 19707 | 3439 | 20112 | 16855 | 22284 | 13859 | 27186 |
| SHROOM3 | 24 | 76686 | 15113 | 73940 | 66319 | 85388 | 51570 | 107117 |
| SETD7 | 24 | 6190 | 4891 | 5074 | 3784 | 6481 | 1437 | 23866 |
| DDI1 | 24 | 21704 | 9635 | 20874 | 16851 | 23207 | 7914 | 60119 |
| STK32A | 24 | 6099 | 2557 | 5603 | 4656 | 6701 | 3170 | 15425 |
| C7orf33 | 24 | 8630 | 3387 | 8586 | 6261 | 10307 | 3669 | 17622 |
| SCFD2 | 24 | 191671 | 32341 | 196999 | 166461 | 203524 | 149030 | 263254 |
| ZC3H15 | 24 | 132726 | 51632 | 123321 | 103404 | 139379 | 69108 | 318653 |
| PPIL4 | 24 | 67910 | 28199 | 59373 | 52916 | 77605 | 22355 | 143753 |
| PPP1R13L | 24 | 26827 | 4725 | 25857 | 22897 | 30139 | 19360 | 35889 |
| TGFBRAP1 | 24 | 20255 | 5202 | 18891 | 16890 | 23541 | 11858 | 35304 |
| NUP133 | 24 | 90344 | 44125 | 76211 | 65157 | 95455 | 43320 | 220649 |
| PDCD6IP | 24 | 93504 | 27731 | 97384 | 73907 | 107423 | 35426 | 149344 |
| FBLIM1 | 24 | 63809 | 40201 | 53482 | 37293 | 85916 | 10961 | 167762 |
| SDR42E1 | 24 | 221661 | 97221 | 204885 | 154793 | 281665 | 67406 | 499742 |
| BRK1 | 21 | 3146 | 1095 | 2999 | 2376 | 4003 | 1212 | 6091 |
| DEPDC1B | 24 | 35650 | 13131 | 31728 | 24884 | 43978 | 20512 | 67884 |
| LTO1 | 24 | 18291 | 11783 | 16137 | 9069 | 21092 | 5114 | 51699 |
| PTCD2 | 24 | 1548791 | 554100 | 1489259 | 1246858 | 1833900 | 340186 | 2696936 |
| AFG1L | 24 | 12874 | 7039 | 10400 | 8122 | 15894 | 6096 | 35247 |
| LEO1 | 24 | 423171 | 101151 | 412317 | 374794 | 435142 | 247953 | 694040 |
| OSCP1 | 24 | 50124 | 19711 | 44007 | 39800 | 53072 | 19026 | 92214 |
| NUDCD2 | 24 | 7064 | 4430 | 6411 | 4523 | 7932 | 694 | 21915 |
| SCFD1 | 24 | 11509 | 3907 | 11124 | 8694 | 13326 | 6040 | 22188 |
| C4orf3 | 24 | 23922 | 9579 | 22615 | 17291 | 28388 | 12805 | 54305 |
| UBLCP1 | 24 | 15301 | 6496 | 13323 | 10493 | 18893 | 7454 | 28585 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TEKT4 | 24 | 39429 | 15511 | 36195 | 31634 | 45228 | 20848 | 95403 |
| ZFPM2 | 24 | 45742 | 19386 | 38952 | 33849 | 48516 | 21014 | 93751 |
| SPRYD4 | 23 | 4430 | 1938 | 3982 | 3083 | 4787 | 2094 | 8762 |
| CAPSL | 23 | 8467 | 2265 | 7751 | 6623 | 9565 | 5307 | 13011 |
| CYGB | 24 | 7938 | 5740 | 5936 | 4172 | 11383 | 1797 | 22380 |
| PHIP | 24 | 39230 | 6856 | 38453 | 33752 | 43362 | 26859 | 53142 |
| SELENOM | 23 | 5000 | 2328 | 4097 | 3371 | 6460 | 2339 | 10758 |
| PRPF31 | 24 | 4931 | 2399 | 4139 | 3243 | 6198 | 1672 | 10149 |
| PALLD | 24 | 44032 | 54967 | 27791 | 22481 | 35115 | 16493 | 281421 |
| SREK1 | 24 | 12534 | 4552 | 12249 | 10055 | 14391 | 5428 | 24184 |
| METTL21A | 19 | 2034 | 847 | 1996 | 1465 | 2531 | 529 | 3971 |
| COPS9 | 24 | 6298 | 2065 | 6323 | 4389 | 8074 | 3626 | 9488 |
| SCG3 | 24 | 15723 | 3598 | 15483 | 13715 | 17211 | 10269 | 24030 |
| SRSF12 | 24 | 70477 | 28921 | 60739 | 53929 | 85598 | 32512 | 149930 |
| PSPC1 | 24 | 15119 | 7172 | 14748 | 9158 | 17937 | 4789 | 32620 |
| RSAD2 | 24 | 41052 | 15197 | 40355 | 32670 | 50246 | 18322 | 83441 |
| JPH3 | 24 | 37040 | 9849 | 36353 | 31804 | 39764 | 24988 | 64327 |
| MUC16 | 24 | 124944 | 18268 | 119105 | 111184 | 133959 | 102468 | 163252 |
| DNAJC9 | 24 | 12532 | 7077 | 10209 | 8498 | 16777 | 2840 | 34721 |
| THAP4 | 24 | 128201 | 31909 | 124553 | 108111 | 141315 | 88293 | 229829 |
| TTN | 24 | 1296064 | 159840 | 1230992 | 1209682 | 1362958 | 1096759 | 1750738 |
| OVCA2 | 24 | 1685652 | 497153 | 1701142 | 1448132 | 2033352 | 702473 | 2751160 |
| LZIC | 24 | 19549 | 6243 | 17892 | 15920 | 22360 | 11228 | 39652 |
| IRGQ | 24 | 14979 | 5345 | 15106 | 11624 | 18263 | 5413 | 24903 |
| ST8SIA2 | 24 | 5511 | 2941 | 4362 | 3574 | 6721 | 2295 | 12936 |
| DDB2 | 24 | 96819 | 24037 | 93034 | 84730 | 109121 | 45949 | 158892 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SMPDL3B | 24 | 3916 | 911 | 3856 | 3380 | 4564 | 2478 | 6078 |
| DDX1 | 24 | 53709 | 34364 | 41329 | 30422 | 64035 | 8202 | 136669 |
| HSD17B8 | 17 | 3729 | 1994 | 3357 | 2468 | 4123 | 1595 | 9759 |
| PIEZO1 | 24 | 12859 | 2095 | 12267 | 11716 | 14376 | 9790 | 18580 |
| FAM3C | 24 | 13408 | 8625 | 10218 | 8785 | 13622 | 2967 | 37296 |
| H1-10 | 24 | 33460 | 54496 | 19176 | 16135 | 29860 | 11259 | 283824 |
| PSMF1 | 24 | 17501 | 5542 | 17499 | 12776 | 21438 | 9698 | 29115 |
| GBF1 | 24 | 125614 | 23892 | 121363 | 114961 | 139740 | 85396 | 201673 |
| NCSTN | 24 | 42365 | 18272 | 42165 | 26294 | 52118 | 16704 | 97102 |
| MRPS27 | 24 | 36244 | 12488 | 32592 | 29771 | 41330 | 16506 | 70104 |
| ELMO1 | 24 | 29058 | 4862 | 29514 | 27479 | 31268 | 15900 | 38226 |
| FIG4 | 24 | 33395 | 5935 | 32529 | 30419 | 35331 | 24916 | 54854 |
| DCUN1D4 | 24 | 5179 | 1536 | 5381 | 4049 | 6510 | 2518 | 7644 |
| AP3S1 | 24 | 11360 | 3689 | 11300 | 9037 | 12447 | 4660 | 22063 |
| UBXN4 | 24 | 8796 | 2680 | 8310 | 6537 | 10827 | 4429 | 14820 |
| CNOT9 | 19 | 1873 | 1072 | 1486 | 1031 | 2626 | 532 | 4710 |
| DOCK2 | 24 | 43759 | 5810 | 41813 | 40190 | 47383 | 32294 | 55798 |
| TBC1D5 | 24 | 10627 | 2189 | 10200 | 9181 | 11510 | 7778 | 15614 |
| LARP4B | 24 | 7430 | 2537 | 6345 | 5949 | 8245 | 3819 | 13800 |
| GCN1 | 24 | 65454 | 7209 | 63825 | 60126 | 70402 | 54865 | 84912 |
| ARHGAP45 | 24 | 16587 | 8248 | 14462 | 12869 | 16923 | 10661 | 52285 |
| DHX38 | 24 | 311481 | 89815 | 298229 | 251974 | 345444 | 195058 | 558544 |
| NUP205 | 24 | 20210 | 4488 | 19295 | 17415 | 22595 | 13202 | 30906 |
| TTC9 | 24 | 22114 | 12949 | 20229 | 15860 | 23115 | 7558 | 69458 |
| PXDN | 24 | 74028 | 22026 | 67247 | 59518 | 88969 | 40046 | 130334 |
| PIGK | 24 | 40478 | 11133 | 40674 | 32404 | 48872 | 22061 | 68421 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GTF3A | 24 | 21606 | 19681 | 16096 | 9882 | 23373 | 4137 | 93411 |
| SORL1 | 24 | 32151 | 7558 | 31981 | 28436 | 34792 | 16591 | 53190 |
| ANP32B | 24 | 24994 | 11159 | 23076 | 17706 | 28836 | 9550 | 51228 |
| RABGGTA | 24 | 17174 | 6418 | 16071 | 13734 | 19585 | 6951 | 40429 |
| USP6NL | 24 | 27282 | 5758 | 26371 | 24113 | 29370 | 18131 | 41932 |
| HTRA1 | 24 | 8423 | 12162 | 6076 | 4159 | 8129 | 2880 | 64755 |
| ARPC1A | 24 | 9117 | 3756 | 8834 | 5921 | 10927 | 3931 | 18017 |
| ARPC1A | 24 | 18813 | 7333 | 18102 | 12621 | 23062 | 8610 | 36666 |
| TAF4B | 24 | 36558 | 9694 | 34652 | 30409 | 40567 | 21244 | 63597 |
| HDAC2 | 24 | 98715 | 33251 | 86573 | 73163 | 122220 | 53617 | 155754 |
| DPF1 | 24 | 45206 | 18273 | 41584 | 32359 | 53790 | 21484 | 87793 |
| STAM | 24 | 27379 | 11169 | 26810 | 18847 | 33942 | 9779 | 55520 |
| PROX1 | 24 | 67141 | 15141 | 67771 | 59023 | 77095 | 38072 | 101299 |
| SYMPK | 24 | 4512 | 1280 | 4382 | 3470 | 5326 | 2831 | 8088 |
| SYMPK | 24 | 10378 | 4596 | 8725 | 7449 | 11293 | 4858 | 23330 |
| TAF15 | 24 | 21449 | 4564 | 20702 | 19004 | 24309 | 10836 | 31645 |
| GGH | 24 | 33145 | 26482 | 27756 | 13109 | 47131 | 3216 | 120781 |
| DDX17 | 23 | 13066 | 9079 | 10304 | 7400 | 16059 | 3103 | 41783 |
| NEO1 | 24 | 8490 | 2222 | 7845 | 6905 | 9521 | 5826 | 13764 |
| APBB2 | 24 | 46850 | 10769 | 46347 | 40068 | 52581 | 29780 | 73499 |
| OSTF1 | 24 | 46144 | 20036 | 41019 | 31359 | 55912 | 19608 | 102713 |
| ABCC2 | 24 | 23435 | 4262 | 23035 | 19939 | 25665 | 17455 | 34002 |
| ERCC4 | 24 | 45434 | 10149 | 45883 | 37200 | 50430 | 28857 | 75264 |
| UFD1 | 24 | 13237 | 4753 | 13821 | 9326 | 16534 | 5259 | 22275 |
| RPL3L | 21 | 5356 | 2875 | 4690 | 3949 | 5941 | 1471 | 15281 |
| COPS5 | 24 | 10355 | 3316 | 10249 | 8538 | 12288 | 4942 | 19058 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GPKOW | 24 | 35679 | 7219 | 34989 | 32234 | 38249 | 26597 | 62784 |
| SMARCC1 | 24 | 3734 | 841 | 3674 | 2881 | 4236 | 2583 | 5595 |
| RAB8B | 24 | 24227 | 9060 | 22259 | 18375 | 26771 | 14788 | 56231 |
| BAD | 24 | 92422 | 63158 | 71906 | 62132 | 101000 | 52001 | 362291 |
| KHSRP | 24 | 83403 | 37306 | 83919 | 54579 | 110316 | 14520 | 150050 |
| KCNB2 | 24 | 13445 | 5471 | 13193 | 9234 | 17406 | 4402 | 24459 |
| GLMN | 24 | 7428 | 2799 | 7914 | 5719 | 9140 | 1052 | 12536 |
| DVL3 | 24 | 150988 | 70638 | 148804 | 109778 | 185117 | 33483 | 373483 |
| USP9X | 24 | 11144 | 3597 | 10895 | 8758 | 12720 | 6233 | 24237 |
| USP7 | 24 | 25164 | 9217 | 23296 | 18331 | 30322 | 11118 | 48447 |
| CUL5 | 24 | 78727 | 26314 | 76436 | 56752 | 100109 | 37808 | 139346 |
| LPP | 24 | 35294 | 71384 | 13874 | 10722 | 18452 | 7237 | 270540 |
| RBPMS | 24 | 8599 | 5960 | 5940 | 4950 | 10117 | 1884 | 24372 |
| HGD | 24 | 13902 | 11354 | 8999 | 5610 | 22540 | 1531 | 40673 |
| MR1 | 24 | 104527 | 50783 | 91806 | 71379 | 128968 | 47048 | 264414 |
| TCEAL3 | 24 | 10988 | 8106 | 8794 | 6975 | 10656 | 3946 | 37013 |
| TSR2 | 21 | 2145 | 834 | 1892 | 1475 | 2621 | 929 | 3983 |
| CAVIN3 | 24 | 114412 | 65545 | 90992 | 70584 | 119252 | 52798 | 293747 |
| NKD1 | 24 | 16323 | 10205 | 14540 | 8738 | 21049 | 2645 | 44097 |
| CNKSR1 | 24 | 25596 | 6469 | 25906 | 20776 | 29485 | 12383 | 38703 |
| MYDGF | 24 | 35222 | 18961 | 27294 | 19474 | 54796 | 13474 | 75589 |
| OSBP2 | 24 | 18689 | 6425 | 17934 | 13325 | 21868 | 11019 | 35311 |
| WBP2 | 24 | 10151 | 2471 | 10187 | 8147 | 11491 | 5767 | 15686 |
| NCLN | 24 | 3189 | 1402 | 3308 | 2276 | 3677 | 635 | 5914 |
| NXPE3 | 24 | 52769 | 32511 | 46894 | 31062 | 55572 | 17677 | 150438 |
| MYLPF | 24 | 89731 | 24336 | 88510 | 73083 | 102258 | 46351 | 139913 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SYAP1 | 23 | 38512 | 21908 | 33027 | 24209 | 43301 | 14122 | 92338 |
| EXOC4 | 24 | 17782 | 4164 | 16907 | 14414 | 20882 | 9660 | 26487 |
| NTAN1 | 24 | 39465 | 9917 | 38630 | 32559 | 41801 | 26754 | 69167 |
| FUBP1 | 24 | 14483 | 15549 | 10157 | 7334 | 14110 | 4094 | 72936 |
| FUBP1 | 24 | 62043 | 27570 | 64358 | 37984 | 78472 | 14557 | 109564 |
| TTC17 | 24 | 31974 | 8315 | 30236 | 26384 | 34792 | 22159 | 52275 |
| LRRC59 | 24 | 15123 | 6654 | 13983 | 11053 | 19028 | 3340 | 29030 |
| CLUAP1 | 24 | 52177 | 30672 | 46116 | 28048 | 72352 | 17441 | 136196 |
| ESAM | 24 | 2298 | 1110 | 2322 | 1313 | 2785 | 646 | 4680 |
| FKBP10 | 24 | 124542 | 34632 | 124516 | 101222 | 143815 | 56095 | 192754 |
| AKT1S1 | 24 | 5054 | 2721 | 4146 | 3418 | 5803 | 2184 | 11911 |
| ZNF428 | 23 | 9816 | 4409 | 10859 | 5268 | 13957 | 3696 | 16357 |
| TMEM186 | 23 | 21211 | 18425 | 13240 | 9395 | 22553 | 3469 | 67923 |
| TMIGD2 | 24 | 179203 | 54987 | 163034 | 147085 | 190409 | 97864 | 299186 |
| RNF25 | 24 | 8419 | 2496 | 7745 | 6692 | 9826 | 5500 | 14901 |
| AIDA | 24 | 30555 | 19406 | 26743 | 19093 | 33384 | 11563 | 94780 |
| ARL8A | 24 | 15763 | 8834 | 13480 | 11244 | 16827 | 6621 | 50400 |
| OTULIN | 24 | 23401 | 8710 | 21771 | 18538 | 26672 | 9789 | 53149 |
| CHCHD1 | 19 | 4322 | 3748 | 2781 | 1438 | 5638 | 379 | 12621 |
| PPWD1 | 24 | 10314 | 2581 | 9858 | 8663 | 11487 | 6158 | 18449 |
| COA7 | 24 | 106492 | 37764 | 98646 | 81207 | 119388 | 67727 | 223537 |
| PTER | 24 | 11300 | 7199 | 11089 | 6725 | 13372 | 2205 | 33787 |
| MOB3A | 24 | 19071 | 5538 | 17275 | 15982 | 20105 | 10743 | 35449 |
| LENG1 | 24 | 27400 | 6842 | 27894 | 23121 | 32922 | 11053 | 39123 |
| FAM136A | 24 | 12111 | 7757 | 9521 | 6336 | 15795 | 2281 | 27691 |
| MIEF2 | 24 | 8881 | 3246 | 8044 | 7103 | 10025 | 3350 | 17786 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DHX58 | 24 | 23466 | 4398 | 23029 | 20519 | 26905 | 14104 | 30587 |
| EFHD2 | 24 | 61744 | 31825 | 48664 | 42937 | 73284 | 29967 | 165202 |
| GALM | 24 | 57686 | 38032 | 43880 | 29010 | 85527 | 13023 | 144149 |
| SYTL4 | 24 | 129750 | 22782 | 123476 | 117644 | 137286 | 88645 | 203341 |
| ULK4 | 24 | 107952 | 18497 | 104336 | 95349 | 117205 | 72009 | 143977 |
| DCPS | 24 | 15597 | 6256 | 15307 | 10732 | 17414 | 7490 | 37233 |
| PPP1R14B | 24 | 21372 | 10978 | 18864 | 13767 | 26998 | 7064 | 51925 |
| FBXL8 | 18 | 3363 | 1161 | 3271 | 2739 | 4360 | 1611 | 5507 |
| PPCDC | 24 | 39184 | 13460 | 39178 | 27734 | 48890 | 20113 | 65831 |
| ZNF653 | 24 | 27725 | 9906 | 27290 | 20812 | 33750 | 11506 | 54577 |
| NXNL1 | 24 | 38848 | 29890 | 28484 | 24316 | 34204 | 16846 | 140001 |
| ISOC1 | 24 | 52615 | 28623 | 47303 | 35855 | 59406 | 13974 | 143448 |
| GCC1 | 24 | 54996 | 7933 | 55862 | 50125 | 60351 | 39958 | 70131 |
| FLYWCH2 | 24 | 12014 | 5441 | 11828 | 7984 | 15321 | 2199 | 21837 |
| FAF2 | 24 | 22910 | 13345 | 18865 | 14533 | 27722 | 4740 | 63518 |
| CCDC124 | 24 | 33555 | 12767 | 33066 | 26897 | 37141 | 14942 | 69863 |
| AP2M1 | 24 | 13203 | 4302 | 12773 | 10800 | 16053 | 4717 | 21502 |
| KCTD12 | 24 | 24655 | 22889 | 16315 | 9932 | 33331 | 7229 | 98429 |
| RCN3 | 24 | 21407 | 7202 | 19443 | 17608 | 24229 | 14046 | 46729 |
| COQ8B | 24 | 157628 | 41649 | 152868 | 136608 | 180368 | 72193 | 247638 |
| ZG16B | 23 | 8382 | 5046 | 6420 | 5429 | 10815 | 1881 | 22401 |
| RMDN1 | 24 | 7416 | 4010 | 5517 | 4746 | 9209 | 3457 | 16071 |
| LRRC39 | 24 | 34679 | 13355 | 31511 | 23233 | 43773 | 15813 | 60190 |
| CMBL | 24 | 43290 | 19071 | 39795 | 32678 | 49692 | 13368 | 95708 |
| SNRNP40 | 24 | 7771 | 3574 | 6096 | 4986 | 10535 | 3406 | 15725 |
| ARHGEF26 | 24 | 32131 | 12934 | 30086 | 25656 | 36670 | 6204 | 61646 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ATG4C | 24 | 16132 | 4353 | 15564 | 14290 | 18247 | 3681 | 24952 |
| ITPKC | 24 | 22101 | 7276 | 21264 | 18157 | 26455 | 8592 | 39076 |
| IQCD | 24 | 70408 | 12735 | 69950 | 63606 | 77433 | 41184 | 95749 |
| RBMXL1 | 24 | 346536 | 163436 | 298061 | 230435 | 446435 | 127336 | 826457 |
| SIRT1 | 24 | 213574 | 53302 | 204497 | 182654 | 241392 | 130975 | 350478 |
| HOOK2 | 24 | 19376 | 4385 | 18595 | 16845 | 21025 | 13532 | 32715 |
| SEH1L | 24 | 4345441 | 3755471 | 3528287 | 2780814 | 4359463 | 1612500 | 20680148 |
| TCEAL4 | 24 | 12911 | 4401 | 11592 | 10913 | 14609 | 7041 | 27168 |
| GNPNAT1 | 24 | 29848 | 21569 | 28303 | 12019 | 40630 | 3711 | 88753 |
| INKA1 | 24 | 9580 | 5581 | 8358 | 5850 | 12739 | 720 | 23093 |
| MRPL53 | 24 | 5877 | 4125 | 4731 | 3506 | 6347 | 1680 | 21114 |
| L3HYPDH | 24 | 27022 | 10462 | 24358 | 20066 | 31275 | 11543 | 61731 |
| MOCOS | 24 | 20175 | 10906 | 16624 | 12475 | 26482 | 6420 | 45782 |
| DAZAP1 | 24 | 30300 | 17161 | 26662 | 20307 | 36940 | 8346 | 74274 |
| SAAL1 | 24 | 12239 | 7684 | 9278 | 8185 | 11290 | 4306 | 32661 |
| CCDC51 | 24 | 7607 | 2817 | 6790 | 5899 | 7712 | 5174 | 15801 |
| RBM33 | 22 | 2056 | 1472 | 1901 | 996 | 2523 | 414 | 6832 |
| MMAB | 22 | 14405 | 23892 | 8171 | 5955 | 12142 | 3092 | 119037 |
| ADAT3 | 23 | 5308 | 5468 | 3790 | 2167 | 5754 | 1860 | 24333 |
| SAT2 | 24 | 8735 | 5869 | 6995 | 5045 | 9941 | 2818 | 29040 |
| CCDC97 | 24 | 112432 | 58593 | 104288 | 74330 | 139138 | 34829 | 242871 |
| DISP1 | 24 | 48263 | 11823 | 43891 | 41367 | 49653 | 32905 | 76880 |
| CNRIP1 | 24 | 6211 | 10394 | 2969 | 2255 | 4458 | 1673 | 48118 |
| PHYHIPL | 20 | 4848 | 2864 | 4244 | 2510 | 6568 | 1154 | 12570 |
| DYNLL2 | 24 | 6706 | 4029 | 5436 | 4717 | 7297 | 2961 | 22211 |
| WDR89 | 18 | 3126 | 925 | 3296 | 2699 | 3753 | 1380 | 4751 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DTD2 | 24 | 58739 | 22085 | 57310 | 48008 | 64369 | 17087 | 132732 |
| S100A16 | 24 | 13625 | 8961 | 11149 | 9172 | 14122 | 5434 | 45629 |
| SIPA1 | 18 | 1654 | 954 | 1390 | 1044 | 2106 | 387 | 3390 |
| LRRC46 | 21 | 4476 | 1829 | 4187 | 3021 | 5069 | 2199 | 9955 |
| THOC1 | 24 | 19866 | 3405 | 20288 | 17726 | 21467 | 12151 | 26191 |
| OTUB1 | 24 | 31540 | 11227 | 31578 | 24441 | 35437 | 16805 | 71467 |
| TRMT61A | 20 | 4441 | 2104 | 4187 | 3143 | 6362 | 1121 | 8270 |
| HMCES | 24 | 6313 | 2142 | 6026 | 5171 | 6847 | 3715 | 14574 |
| PGM2 | 24 | 69288 | 29881 | 59119 | 53374 | 73516 | 40951 | 171874 |
| KLHDC7B | 24 | 4955 | 2220 | 4688 | 3504 | 5702 | 2105 | 12203 |
| DUS3L | 24 | 11081 | 3215 | 11003 | 8742 | 12588 | 6025 | 18138 |
| SDSL | 16 | 3193 | 1940 | 2921 | 1925 | 3834 | 984 | 9325 |
| PDXP | 24 | 4093 | 1035 | 3933 | 3316 | 4897 | 2385 | 5869 |
| DCUN1D1 | 24 | 43517 | 12686 | 41675 | 35452 | 45481 | 24947 | 76441 |
| FAHD2A | 24 | 4322 | 2076 | 3506 | 2995 | 5262 | 2134 | 9203 |
| APIP | 24 | 11725 | 4389 | 11619 | 8839 | 12880 | 4664 | 22563 |
| ZC2HC1A | 24 | 13100 | 6158 | 11279 | 8834 | 15468 | 3540 | 30033 |
| SNF8 | 24 | 23539 | 3445 | 23615 | 21197 | 25843 | 17865 | 32170 |
| ZC3HAV1L | 21 | 4541 | 3159 | 4017 | 2532 | 5188 | 1519 | 15547 |
| PDLIM5 | 23 | 10445 | 8463 | 8893 | 5194 | 11660 | 1429 | 34790 |
| PDLIM5 | 24 | 20656 | 24463 | 12736 | 10738 | 17515 | 3126 | 114056 |
| PDLIM5 | 24 | 38243 | 61053 | 17418 | 12511 | 39605 | 2385 | 303568 |
| ACY3 | 23 | 17038 | 15623 | 13102 | 8560 | 20370 | 5869 | 80412 |
| ERO1A | 24 | 35502 | 34671 | 32110 | 18313 | 35686 | 2395 | 170220 |
| PRR11 | 24 | 6220 | 1134 | 6068 | 5474 | 6861 | 4403 | 8321 |
| FMC1 | 24 | 79956 | 27976 | 76987 | 57178 | 95846 | 44449 | 152079 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| OXNAD1 | 24 | 60235 | 20347 | 58586 | 50284 | 66259 | 18979 | 117668 |
| DIRAS2 | 24 | 8834 | 3591 | 8022 | 6924 | 9346 | 4675 | 19774 |
| INTS4 | 24 | 158658 | 47574 | 147739 | 128102 | 183779 | 81793 | 256434 |
| DDRGK1 | 24 | 36610 | 38359 | 27023 | 14018 | 41399 | 5108 | 168881 |
| SCLY | 24 | 13109 | 4443 | 12697 | 9665 | 14854 | 7707 | 23245 |
| FUBP3 | 24 | 15869 | 5135 | 14702 | 13157 | 17692 | 8987 | 32240 |
| RBM17 | 24 | 13821 | 4657 | 13065 | 10076 | 17450 | 7459 | 25177 |
| NARS2 | 24 | 59914 | 16565 | 56552 | 47659 | 66437 | 37370 | 93926 |
| GMPPA | 24 | 14151 | 7550 | 14207 | 9057 | 19783 | 1835 | 31301 |
| ABHD14B | 24 | 62728 | 41195 | 49688 | 39570 | 75647 | 25605 | 217393 |
| NGLY1 | 23 | 93733 | 41222 | 90313 | 63921 | 120714 | 14534 | 180883 |
| FAXDC2 | 24 | 18769 | 6971 | 17775 | 13873 | 23387 | 8459 | 37431 |
| CPB2 | 24 | 21599 | 13192 | 17300 | 13345 | 24282 | 10810 | 68837 |
| PAWR | 24 | 19462 | 13631 | 15174 | 11954 | 18677 | 4915 | 60699 |
| THOC3 | 24 | 36607 | 11262 | 34297 | 30049 | 42710 | 12746 | 61544 |
| COG3 | 24 | 434722 | 166230 | 402002 | 323894 | 475922 | 192280 | 919528 |
| HIC2 | 24 | 13759 | 3123 | 13914 | 11235 | 14984 | 7497 | 21493 |
| ZNF333 | 24 | 49038 | 10808 | 48076 | 40694 | 57617 | 34339 | 73898 |
| CHAMP1 | 24 | 24465 | 3572 | 23687 | 22583 | 26795 | 15678 | 32100 |
| MYO15B | 24 | 34153 | 6379 | 34959 | 28139 | 39073 | 22985 | 47161 |
| DCHS1 | 24 | 127957 | 19980 | 128984 | 109739 | 138607 | 97266 | 166845 |
| CLMN | 24 | 27783 | 11221 | 24794 | 20668 | 30352 | 16740 | 64012 |
| PDLIM2 | 24 | 26951 | 9758 | 26665 | 21036 | 36036 | 6848 | 45370 |
| BTF3L4 | 24 | 14278 | 6969 | 12038 | 10396 | 16462 | 2744 | 34093 |
| BTF3L4 | 24 | 18618 | 5806 | 18866 | 14279 | 21578 | 7666 | 37365 |
| DNAJC1 | 24 | 17867 | 6976 | 15402 | 13027 | 20807 | 8424 | 38508 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CABS1 | 23 | 11869 | 3763 | 11457 | 10288 | 12465 | 4743 | 21508 |
| BTBD6 | 24 | 12148 | 10087 | 9240 | 6819 | 13274 | 4083 | 52363 |
| ZNF512B | 24 | 64940 | 15412 | 63596 | 53677 | 70400 | 38317 | 102689 |
| LRATD2 | 24 | 10454 | 1736 | 10420 | 9059 | 11510 | 7954 | 15158 |
| CNDP1 | 24 | 106659 | 35961 | 97246 | 82336 | 125011 | 53746 | 206617 |
| RPGRIP1 | 24 | 53069 | 12990 | 48535 | 43260 | 61693 | 38016 | 83689 |
| EXOC2 | 24 | 11862 | 3013 | 11093 | 9878 | 13843 | 7934 | 17593 |
| CNDP2 | 24 | 272332 | 126087 | 266243 | 199033 | 360574 | 60466 | 531193 |
| ZFR | 24 | 11515 | 2730 | 10822 | 9658 | 12769 | 7476 | 18309 |
| WDR90 | 24 | 10308 | 4129 | 10016 | 7637 | 11275 | 5266 | 25897 |
| CAPZA3 | 24 | 20257 | 6187 | 21252 | 16944 | 24161 | 2458 | 30521 |
| KCNH8 | 24 | 3434986 | 938663 | 3213510 | 2964320 | 3760140 | 2073656 | 6299471 |
| CAPNS2 | 24 | 137567 | 23461 | 134636 | 122032 | 149978 | 102102 | 188703 |
| FCRL2 | 24 | 11042 | 5587 | 8892 | 8187 | 11760 | 4920 | 30346 |
| PRMT6 | 24 | 12809 | 5681 | 11260 | 9234 | 15502 | 4709 | 26465 |
| TRIM47 | 24 | 11120 | 3965 | 10588 | 8772 | 12490 | 5208 | 24547 |
| SENP8 | 23 | 3505 | 1441 | 3304 | 2426 | 4622 | 944 | 6209 |
| CXorf58 | 24 | 17331 | 4381 | 16605 | 13899 | 21521 | 10978 | 26867 |
| C4orf45 | 21 | 3281 | 2111 | 3022 | 2048 | 3692 | 802 | 8693 |
| C12orf42 | 24 | 6292 | 1615 | 6394 | 4975 | 7585 | 3487 | 9490 |
| PPP3R2 | 24 | 15663 | 11143 | 13594 | 11559 | 15878 | 5488 | 61679 |
| TEX55 | 24 | 30271 | 18272 | 27869 | 17083 | 33769 | 5686 | 67978 |
| TBATA | 24 | 16540 | 6277 | 15988 | 11978 | 18679 | 8438 | 34345 |
| NA | 24 | 17332 | 5548 | 16955 | 13799 | 20041 | 8642 | 31139 |
| CCDC7 | 24 | 108356 | 16593 | 101052 | 99055 | 114600 | 84273 | 145187 |
| DRC1 | 24 | 17461 | 4384 | 17447 | 13526 | 20402 | 11096 | 27543 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| MFSD14A | 24 | 49248 | 50761 | 35766 | 19372 | 68015 | 3517 | 243129 |
| C5orf34 | 24 | 5649 | 4850 | 4613 | 4053 | 5212 | 2534 | 27557 |
| COG8 | 24 | 19806 | 4758 | 19410 | 16926 | 21241 | 12142 | 31055 |
| TTC14 | 24 | 78717 | 26435 | 72187 | 63068 | 92917 | 42181 | 139300 |
| PWWP2A | 24 | 60852 | 11349 | 58703 | 55431 | 65094 | 43762 | 86648 |
| RILP | 24 | 10041 | 5156 | 10128 | 6208 | 11744 | 3590 | 25260 |
| SCLT1 | 24 | 70283 | 13787 | 69700 | 62600 | 74196 | 42868 | 114773 |
| WWC2-AS2 | 24 | 12498 | 8631 | 9578 | 6973 | 15910 | 3241 | 44435 |
| SLC46A1 | 24 | 10575 | 5615 | 9269 | 6757 | 12248 | 4625 | 28576 |
| CLIC6 | 24 | 16963 | 4429 | 17631 | 12718 | 20390 | 10490 | 25462 |
| FOXN4 | 24 | 8071 | 2284 | 7877 | 6864 | 9110 | 4294 | 13999 |
| IPO9 | 24 | 20190 | 13689 | 14571 | 11283 | 25652 | 3946 | 51831 |
| ARHGEF17 | 24 | 109859 | 34707 | 96371 | 87306 | 123414 | 74019 | 189258 |
| MS4A10 | 24 | 5810172 | 3638258 | 4548096 | 3528142 | 7387192 | 1201774 | 18092310 |
| RBM14 | 24 | 37473 | 14548 | 37225 | 28297 | 46902 | 14197 | 68293 |
| ADCY10 | 24 | 20238 | 3319 | 20319 | 18259 | 22690 | 13901 | 27316 |
| GBP5 | 24 | 25359 | 7321 | 24814 | 20213 | 28843 | 12907 | 41377 |
| GBP4 | 24 | 98817 | 29377 | 91092 | 78141 | 106068 | 67808 | 177130 |
| FANCD2OS | 24 | 161568 | 115755 | 127543 | 86958 | 181752 | 58974 | 496141 |
| PSMG3-AS1 | 24 | 10332 | 3699 | 10077 | 8381 | 12116 | 3894 | 18052 |
| LMTK3 | 24 | 17686 | 2994 | 17690 | 16257 | 19120 | 11899 | 24997 |
| TRNT1 | 24 | 27481 | 8902 | 29504 | 20451 | 32633 | 12451 | 46271 |
| FLACC1 | 24 | 91203 | 43412 | 74354 | 63224 | 98351 | 42461 | 193601 |
| TMEM237 | 24 | 25202 | 8564 | 25833 | 19363 | 31114 | 9416 | 41476 |
| GSDMA | 24 | 23916 | 4757 | 23509 | 21190 | 28264 | 14895 | 31235 |
| PPP1R10 | 24 | 9684 | 1280 | 9483 | 8707 | 10237 | 8100 | 13042 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PRAM1 | 24 | 10891 | 5897 | 9157 | 7281 | 10956 | 4836 | 28487 |
| VPS35 | 24 | 54811 | 15673 | 54763 | 47793 | 64770 | 20462 | 83279 |
| PURB | 24 | 5228 | 2497 | 4783 | 3223 | 6954 | 1906 | 10594 |
| PSKH2 | 24 | 11071 | 3798 | 10629 | 8174 | 12856 | 4798 | 20006 |
| PHF12 | 24 | 64677 | 17078 | 60939 | 54315 | 70795 | 47201 | 122309 |
| RBP7 | 24 | 746172 | 313063 | 726498 | 482384 | 941755 | 58734 | 1516169 |
| PANX2 | 24 | 26131 | 5569 | 24796 | 23347 | 27151 | 15711 | 40871 |
| NACC1 | 24 | 185064 | 81051 | 162625 | 144218 | 199115 | 102392 | 498926 |
| ZNF300 | 24 | 49847 | 16810 | 44784 | 39983 | 57340 | 19196 | 91164 |
| SNX18 | 24 | 269134 | 114621 | 245338 | 194746 | 306541 | 135016 | 578723 |
| CIC | 24 | 56231 | 9938 | 55961 | 50933 | 60351 | 42383 | 91876 |
| VPS13A | 24 | 74345 | 24303 | 65109 | 58076 | 87936 | 49033 | 150987 |
| METTL26 | 24 | 25697 | 8633 | 23918 | 20203 | 30124 | 11786 | 44832 |
| TP53RK | 24 | 11023 | 4202 | 10182 | 7459 | 13639 | 2224 | 19772 |
| HAPLN3 | 24 | 124858 | 47570 | 118962 | 88732 | 142502 | 39778 | 238305 |
| PLEKHF1 | 24 | 22634 | 11866 | 19119 | 14841 | 27499 | 9504 | 65078 |
| PPP1R9B | 24 | 21574 | 5184 | 21245 | 17891 | 25420 | 12369 | 32173 |
| SRPK1 | 24 | 34146 | 7801 | 33103 | 28268 | 40566 | 23487 | 50716 |
| CPXM1 | 24 | 4289 | 1660 | 4047 | 3147 | 4734 | 2284 | 8932 |
| CYP2S1 | 24 | 35450 | 57313 | 17832 | 12477 | 26435 | 2774 | 273251 |
| IWS1 | 24 | 28576 | 6865 | 28459 | 23010 | 33684 | 15785 | 41045 |
| SIN3A | 24 | 37032 | 3786 | 37158 | 34507 | 39041 | 29513 | 44313 |
| ADO | 24 | 8258 | 3242 | 8121 | 5808 | 10909 | 3402 | 15160 |
| RUFY1 | 24 | 161389 | 19604 | 164001 | 149088 | 174964 | 115807 | 191807 |
| PNKP | 24 | 4320 | 1513 | 4554 | 3539 | 5119 | 1265 | 7441 |
| NIBAN2 | 24 | 43717 | 17555 | 40540 | 33738 | 50439 | 14378 | 87262 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RMDN3 | 24 | 31261 | 18216 | 26672 | 20088 | 33019 | 8221 | 77389 |
| TCF12 | 24 | 115174 | 46006 | 107516 | 84662 | 139522 | 47287 | 238502 |
| GAD1 | 24 | 11002 | 2866 | 10323 | 9050 | 12955 | 6008 | 17493 |
| MYCBP | 24 | 8077 | 4084 | 7384 | 5329 | 9186 | 1685 | 18926 |
| TBCB | 24 | 106530 | 56974 | 89773 | 70204 | 119058 | 50611 | 280102 |
| PSMB7 | 24 | 23611 | 9460 | 22405 | 18318 | 28620 | 8652 | 39624 |
| CNN2 | 24 | 23372 | 11730 | 18531 | 14943 | 32003 | 8616 | 47672 |
| PCYT2 | 24 | 5719 | 2815 | 4736 | 3711 | 7108 | 2247 | 13366 |
| CDC5L | 24 | 40058 | 9660 | 38043 | 33042 | 45198 | 26367 | 62194 |
| PSMD1 | 24 | 15876 | 10979 | 13119 | 8601 | 21047 | 3349 | 56233 |
| PFDN5 | 24 | 51759 | 14670 | 50204 | 40577 | 62255 | 18645 | 78408 |
| PARK7 | 24 | 257852 | 96142 | 242818 | 196680 | 300874 | 94274 | 521089 |
| SORT1 | 24 | 19784 | 7875 | 17578 | 15305 | 21049 | 10897 | 47248 |
| VAT1 | 24 | 63803 | 51301 | 46417 | 31958 | 66686 | 27805 | 248978 |
| NUP88 | 24 | 4409337 | 1730803 | 3972965 | 3345624 | 4677082 | 2386985 | 9792115 |
| PKP4 | 24 | 9449 | 4055 | 8310 | 7188 | 10095 | 5358 | 24280 |
| POP1 | 24 | 46953 | 16395 | 43094 | 37638 | 51447 | 23325 | 105551 |
| S100A13 | 24 | 60832 | 41323 | 47734 | 29107 | 94234 | 7175 | 181654 |
| SCAF11 | 24 | 27945 | 6946 | 26022 | 23848 | 31611 | 16882 | 43765 |
| TSNAX | 24 | 12127 | 5317 | 10918 | 7517 | 14127 | 5998 | 22287 |
| SEPHS2 | 24 | 93303 | 35785 | 80533 | 71003 | 113591 | 43083 | 175938 |
| TTC1 | 24 | 7436 | 3401 | 6756 | 4886 | 9331 | 2832 | 17196 |
| DNAJC7 | 24 | 44840 | 12214 | 44286 | 38000 | 50465 | 22464 | 68003 |
| C12orf57 | 22 | 3840 | 2045 | 3389 | 2698 | 4076 | 1424 | 9469 |
| COPS8 | 24 | 17776 | 3975 | 17413 | 15469 | 20538 | 11227 | 27127 |
| CHP1 | 24 | 21399 | 8308 | 21356 | 15527 | 26439 | 5798 | 38921 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| MAP3K5 | 24 | 85364 | 17188 | 84906 | 73052 | 94062 | 58638 | 133069 |
| MGLL | 22 | 2723 | 1927 | 2018 | 1586 | 2790 | 619 | 8192 |
| KIR2DL4 | 24 | 25875 | 6541 | 26339 | 21432 | 28884 | 14101 | 39862 |
| HSD17B10 | 24 | 13876 | 9814 | 12693 | 7251 | 17616 | 2251 | 49983 |
| SEPTIN5 | 24 | 6937 | 2367 | 6184 | 5342 | 8604 | 3739 | 13243 |
| CCL19 | 19 | 13034 | 15647 | 7856 | 5836 | 11770 | 4237 | 72614 |
| NAP1L4 | 24 | 37683 | 9675 | 37909 | 32202 | 41671 | 20177 | 56689 |
| NPAS1 | 24 | 19048 | 9921 | 16888 | 12462 | 23093 | 7210 | 44691 |
| NAPG | 24 | 16154 | 5049 | 15286 | 12519 | 18378 | 9015 | 29668 |
| TXN2 | 24 | 5928 | 1719 | 5635 | 4728 | 6816 | 3313 | 10333 |
| ABCA3 | 24 | 9794 | 1858 | 9470 | 8620 | 10436 | 7373 | 16594 |
| MIPEP | 24 | 42372 | 5211 | 43582 | 39317 | 44805 | 26151 | 49767 |
| ACO2 | 24 | 52095 | 31063 | 42485 | 33403 | 63469 | 14283 | 143630 |
| TM9SF2 | 24 | 36878 | 13339 | 35257 | 25653 | 49740 | 17236 | 57661 |
| TSG101 | 24 | 20900 | 8559 | 19682 | 15111 | 24581 | 9088 | 43229 |
| CPNE1 | 24 | 25205 | 12738 | 23235 | 17016 | 35590 | 3019 | 49431 |
| CCT7 | 24 | 43912 | 18300 | 40872 | 35802 | 50966 | 14566 | 96856 |
| SMO | 24 | 31389 | 4268 | 31102 | 28729 | 33823 | 21200 | 39081 |
| EBNA1BP2 | 24 | 29959 | 16500 | 25422 | 17594 | 38507 | 5937 | 65276 |
| PKP2 | 24 | 65302 | 19079 | 60417 | 50677 | 74657 | 45198 | 130413 |
| SH3GL1 | 24 | 22507 | 8060 | 21705 | 16623 | 28158 | 9199 | 43770 |
| TEP1 | 24 | 28871 | 8174 | 27436 | 24476 | 33228 | 9359 | 47182 |
| OMD | 24 | 45168 | 15835 | 41806 | 35089 | 50001 | 29237 | 105277 |
| SEMA3C | 24 | 13992 | 6409 | 12567 | 9747 | 17433 | 3681 | 32496 |
| VRK1 | 24 | 23954 | 13251 | 23171 | 14483 | 28150 | 8773 | 69940 |
| GDF15 | 24 | 76182 | 35931 | 62231 | 55796 | 88578 | 38327 | 189827 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DPYSL5 | 24 | 13956 | 3192 | 12948 | 11709 | 15554 | 10213 | 22709 |
| NIPSNAP1 | 24 | 13631 | 15130 | 9770 | 7313 | 12587 | 3078 | 79440 |
| HSD17B14 | 24 | 15088 | 13307 | 11994 | 10852 | 13769 | 9350 | 76581 |
| ARPC5L | 24 | 15209 | 7230 | 13956 | 10706 | 19253 | 4098 | 31625 |
| FAM118B | 24 | 12652 | 4468 | 12046 | 10145 | 15808 | 5098 | 23977 |
| KCTD14 | 24 | 96003 | 33549 | 92674 | 74291 | 111843 | 38203 | 173858 |
| TRIR | 24 | 15267 | 4607 | 14612 | 12152 | 18654 | 7797 | 26382 |
| MACROD1 | 24 | 361329 | 142939 | 326848 | 270614 | 430165 | 170791 | 834928 |
| KLHDC3 | 24 | 99948 | 42434 | 89057 | 72537 | 121744 | 34402 | 196085 |
| WDR77 | 24 | 18936 | 9046 | 17688 | 13516 | 22994 | 7503 | 46657 |
| KXD1 | 24 | 84114 | 54125 | 64724 | 44702 | 104107 | 24785 | 203615 |
| ANTKMT | 24 | 16848 | 6579 | 16182 | 10222 | 22796 | 8270 | 31240 |
| TUBA1C | 24 | 10338 | 6481 | 9836 | 4831 | 15018 | 1464 | 27030 |
| APOL2 | 24 | 18794 | 10474 | 15207 | 13691 | 21274 | 9342 | 57363 |
| PSD2 | 24 | 165510 | 50925 | 153123 | 135864 | 199087 | 77004 | 251564 |
| NRIP2 | 21 | 28412 | 22434 | 18927 | 16505 | 28789 | 3224 | 90652 |
| HEPH | 24 | 31828 | 6093 | 31022 | 27310 | 36334 | 22270 | 46409 |
| ACBD6 | 24 | 35346 | 44836 | 21800 | 15247 | 34790 | 7417 | 230788 |
| CORO1B | 24 | 78873 | 27975 | 77159 | 63004 | 85284 | 29359 | 168253 |
| CCDC77 | 24 | 90785 | 29950 | 86150 | 76399 | 109319 | 37513 | 145166 |
| NAA38 | 22 | 2755 | 1323 | 2548 | 1802 | 3370 | 1087 | 6891 |
| TXNDC17 | 24 | 62954 | 22216 | 65700 | 47608 | 78738 | 21463 | 106356 |
| PLCD4 | 24 | 12169 | 5907 | 11830 | 7195 | 16547 | 3315 | 23178 |
| CPPED1 | 24 | 21764 | 10704 | 21021 | 13569 | 28320 | 7468 | 53160 |
| VPS25 | 24 | 5818 | 2005 | 5852 | 4188 | 6689 | 2510 | 10897 |
| NUDT16L1 | 21 | 3897 | 5203 | 2502 | 1435 | 4545 | 396 | 25170 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ERP44 | 24 | 312435 | 221845 | 231709 | 198315 | 343132 | 73468 | 1014330 |
| LXN | 24 | 29258 | 12726 | 27920 | 22326 | 31359 | 11316 | 69341 |
| NTPCR | 24 | 11769 | 3850 | 11766 | 8772 | 14740 | 5290 | 19528 |
| HDHD3 | 24 | 3901 | 2341 | 3314 | 2274 | 5286 | 376 | 10407 |
| TUBGCP2 | 16 | 5359 | 12194 | 2273 | 1198 | 3239 | 715 | 50830 |
| ESYT1 | 24 | 21140 | 11123 | 16237 | 14214 | 23963 | 11929 | 60923 |
| UBAC1 | 24 | 5921 | 4087 | 4857 | 3104 | 7162 | 1649 | 15917 |
| CNPY3 | 24 | 5498 | 2903 | 4857 | 3597 | 6386 | 1447 | 13989 |
| PSMG3 | 24 | 9066 | 3106 | 8739 | 6645 | 10941 | 4385 | 17460 |
| COPS4 | 24 | 18093 | 5751 | 16206 | 14371 | 21355 | 9639 | 33706 |
| WAC | 24 | 25722 | 7862 | 24714 | 18775 | 30678 | 15069 | 42908 |
| DIDO1 | 24 | 72438 | 10994 | 71169 | 64751 | 78479 | 54693 | 105222 |
| RAMAC | 19 | 4604 | 2117 | 4434 | 2915 | 6521 | 1485 | 7804 |
| FUCA2 | 24 | 3111 | 1664 | 2627 | 2048 | 3770 | 1042 | 7399 |
| HGH1 | 24 | 63812 | 13485 | 66478 | 53878 | 74221 | 21916 | 80372 |
| THTPA | 24 | 48304 | 15931 | 44742 | 40476 | 55258 | 25981 | 100889 |
| DOHH | 24 | 12100 | 4800 | 11350 | 9055 | 13056 | 4883 | 23895 |
| SPINDOC | 24 | 19686 | 3925 | 19436 | 16440 | 21052 | 14256 | 30337 |
| TUBB6 | 24 | 33637 | 19803 | 29086 | 25300 | 33517 | 16397 | 119759 |
| PAXX | 24 | 23252 | 11782 | 22976 | 14487 | 28530 | 5673 | 53349 |
| HNRNPUL1 | 24 | 45874 | 26645 | 40972 | 28419 | 53993 | 15454 | 136264 |
| PDCD10 | 24 | 15850 | 4002 | 16438 | 14425 | 17949 | 8204 | 24039 |
| EFHD1 | 24 | 20687 | 7949 | 18444 | 14798 | 25202 | 11085 | 43444 |
| DDX23 | 24 | 75896 | 18819 | 70178 | 62181 | 84348 | 52924 | 123796 |
| BDH2 | 24 | 50587 | 21824 | 46949 | 37687 | 63009 | 12715 | 93450 |
| BDH2 | 24 | 107747 | 102023 | 73253 | 37641 | 147896 | 20185 | 428393 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ALG12 | 24 | 20036 | 7640 | 19950 | 14950 | 23095 | 9436 | 42349 |
| C1orf50 | 21 | 3944 | 1870 | 3538 | 2365 | 5325 | 1113 | 7801 |
| MRI1 | 24 | 29544 | 12713 | 24230 | 21277 | 34525 | 12525 | 61114 |
| CCDC32 | 18 | 1897 | 1759 | 1604 | 907 | 1946 | 177 | 6509 |
| THUMPD3 | 24 | 17717 | 7345 | 16580 | 11975 | 23041 | 5604 | 32650 |
| ADI1 | 24 | 14522 | 9930 | 10874 | 7925 | 19639 | 1665 | 38348 |
| RNF126 | 24 | 235316 | 96246 | 231149 | 179496 | 259526 | 111773 | 497509 |
| KATNB1 | 24 | 13603 | 3344 | 13962 | 11397 | 14797 | 7162 | 23040 |
| TMEM109 | 24 | 4279 | 3728 | 3075 | 1905 | 4610 | 572 | 14731 |
| PBDC1 | 24 | 19592 | 7322 | 18532 | 16145 | 22699 | 5215 | 37753 |
| DUSP23 | 24 | 6544 | 3569 | 5924 | 4180 | 7352 | 2360 | 15333 |
| NUP58 | 24 | 14522 | 3540 | 15077 | 11104 | 16717 | 8358 | 23440 |
| SELENOO | 24 | 10936 | 3811 | 10281 | 8489 | 12516 | 5688 | 20814 |
| DPCD | 24 | 33752 | 13764 | 29576 | 26867 | 35833 | 21028 | 89965 |
| GNL3 | 24 | 32897 | 8624 | 32289 | 29048 | 36813 | 19068 | 63296 |
| TPPP3 | 24 | 83080 | 115275 | 37116 | 18435 | 81353 | 9196 | 482061 |
| HIRIP3 | 24 | 223570 | 67305 | 213789 | 193604 | 253718 | 91508 | 337281 |
| RBM4 | 24 | 10034 | 5217 | 8100 | 7197 | 11151 | 4930 | 27874 |
| SF3B5 | 21 | 2601 | 1836 | 2438 | 1363 | 3328 | 237 | 7356 |
| PRR14 | 24 | 4459 | 1723 | 4049 | 3320 | 5007 | 2113 | 10228 |
| SSBP3 | 20 | 3584 | 1661 | 3384 | 2500 | 4359 | 1170 | 7539 |
| SCRT1 | 24 | 35195 | 6622 | 34459 | 29144 | 38402 | 26404 | 48939 |
| SYCP2 | 24 | 294434 | 43514 | 291047 | 267091 | 316485 | 221836 | 389373 |
| LSM14B | 21 | 3276 | 1915 | 3047 | 2242 | 3617 | 1005 | 10280 |
| SORBS1 | 24 | 12048 | 4235 | 10704 | 9146 | 13066 | 8235 | 27111 |
| HINT2 | 22 | 6580 | 5972 | 4798 | 2836 | 9409 | 1545 | 28550 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ZNF471 | 24 | 287092 | 95533 | 264097 | 245408 | 305811 | 52096 | 511363 |
| PLVAP | 24 | 25385 | 5739 | 24789 | 22330 | 29451 | 16921 | 40214 |
| SPATA16 | 24 | 11151 | 3040 | 10780 | 9322 | 12178 | 6531 | 19027 |
| RAB11FIP5 | 24 | 8053 | 4923 | 6171 | 5404 | 9440 | 2638 | 20601 |
| C1QTNF5 | 24 | 48842 | 11377 | 47576 | 41656 | 55359 | 31683 | 73809 |
| TMEM120A | 24 | 70122 | 17868 | 73451 | 55521 | 82414 | 42308 | 113083 |
| NAA15 | 24 | 20353 | 5376 | 20383 | 17125 | 22395 | 11994 | 34772 |
| CDCA4 | 24 | 23584 | 6098 | 21769 | 19860 | 26826 | 15010 | 39644 |
| PAPPA2 | 24 | 117930 | 54423 | 103927 | 82632 | 145221 | 42954 | 253677 |
| QTRT1 | 24 | 7465 | 2311 | 6993 | 5910 | 8710 | 4394 | 14595 |
| CFHR5 | 24 | 242701 | 134201 | 236834 | 138727 | 281058 | 81691 | 709806 |
| CACNG6 | 24 | 13847 | 5990 | 13192 | 9982 | 16268 | 5156 | 32048 |
| TEX12 | 24 | 56923 | 29635 | 53857 | 41170 | 67473 | 2996 | 128680 |
| GON7 | 24 | 3069 | 1598 | 3370 | 1767 | 4055 | 615 | 6188 |
| OSBPL1A | 24 | 71599 | 20671 | 69121 | 59623 | 78160 | 41842 | 142395 |
| EMILIN2 | 24 | 15531 | 3828 | 14929 | 13108 | 18375 | 8746 | 21740 |
| ANKRD30A | 24 | 55828 | 10289 | 51977 | 49368 | 63070 | 35888 | 74813 |
| PACSIN1 | 24 | 74992 | 22379 | 67938 | 58903 | 86781 | 41950 | 134524 |
| GPR87 | 23 | 23084 | 15931 | 18276 | 14120 | 30485 | 3234 | 76764 |
| ITPA | 24 | 14231 | 7232 | 12876 | 8756 | 21829 | 4136 | 26798 |
| EIF2A | 24 | 33504 | 18596 | 30177 | 19811 | 39672 | 12975 | 86809 |
| CADM1 | 24 | 119642 | 55715 | 100395 | 77319 | 167651 | 49224 | 236408 |
| POLDIP3 | 24 | 19405 | 3993 | 19504 | 17368 | 21598 | 9340 | 28746 |
| GNB1L | 15 | 1540 | 897 | 1469 | 809 | 1740 | 503 | 3488 |
| PCGF6 | 24 | 12312 | 7483 | 10169 | 8378 | 14689 | 2216 | 39613 |
| YTHDF1 | 24 | 9179 | 2478 | 9199 | 6874 | 10998 | 5206 | 14191 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| STK33 | 24 | 18726 | 11288 | 15735 | 11942 | 22516 | 5794 | 51043 |
| NLN | 24 | 16142 | 5534 | 15453 | 10906 | 21450 | 8906 | 25905 |
| CEP41 | 24 | 9842 | 5181 | 8681 | 7634 | 9670 | 3375 | 29996 |
| POTEKP | 24 | 240172 | 95170 | 214822 | 175207 | 283522 | 132301 | 522796 |
| NUF2 | 24 | 23498 | 6496 | 22420 | 19212 | 27650 | 11380 | 37990 |
| ASPSCR1 | 24 | 195220 | 55266 | 186641 | 159460 | 212694 | 116508 | 342802 |
| DPH1 | 24 | 59786 | 14238 | 60825 | 48213 | 66684 | 39581 | 94841 |
| IRX2 | 24 | 10112 | 6309 | 9081 | 6415 | 11445 | 1687 | 28433 |
| UPF3B | 24 | 104950 | 47479 | 94873 | 80632 | 130316 | 30379 | 243113 |
| TBL1XR1 | 24 | 12163 | 7357 | 10093 | 7030 | 15910 | 3312 | 32411 |
| UBL5 | 23 | 7069 | 6052 | 6563 | 2872 | 8330 | 807 | 27320 |
| GSX2 | 24 | 325805 | 114664 | 323153 | 266280 | 384400 | 41369 | 566690 |
| NIBAN1 | 24 | 16597 | 11511 | 11313 | 9313 | 21126 | 5385 | 52819 |
| UBXN6 | 24 | 22110 | 10305 | 20498 | 14635 | 23288 | 8831 | 46407 |
| TM6SF2 | 23 | 11436 | 6360 | 10846 | 7564 | 12555 | 4630 | 36218 |
| DPY30 | 24 | 18862 | 11144 | 13592 | 10744 | 28845 | 6931 | 42305 |
| TRIM2 | 24 | 9579 | 4564 | 9510 | 6079 | 10769 | 3332 | 22803 |
| SPEF2 | 24 | 50051 | 9376 | 47998 | 43164 | 54391 | 36110 | 71052 |
| FTO | 24 | 23617 | 7760 | 23457 | 16663 | 30656 | 11119 | 38323 |
| CFAP74 | 24 | 76809 | 14429 | 75668 | 67828 | 82285 | 49700 | 119874 |
| TNKS1BP1 | 24 | 19302 | 8160 | 17109 | 12915 | 21692 | 10724 | 44798 |
| UBE2O | 24 | 6630 | 1880 | 6896 | 5024 | 8316 | 3472 | 9327 |
| ZNF518B | 24 | 18379 | 3684 | 17622 | 15637 | 19779 | 13580 | 28486 |
| XPO4 | 24 | 23816 | 6518 | 21490 | 18944 | 27242 | 15735 | 38563 |
| SRCIN1 | 24 | 262320 | 39905 | 248883 | 238734 | 275935 | 211155 | 371563 |
| WDR33 | 24 | 26673 | 6025 | 25137 | 22663 | 31028 | 16957 | 43504 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| WDR12 | 24 | 18223 | 4616 | 18693 | 16385 | 19439 | 5978 | 28418 |
| C20orf27 | 24 | 14171 | 5796 | 12428 | 9713 | 17221 | 6756 | 29452 |
| PDGFD | 24 | 7894 | 2140 | 7635 | 6342 | 9060 | 5358 | 13664 |
| PITHD1 | 24 | 27649 | 8527 | 26425 | 23092 | 33735 | 12362 | 45023 |
| COMMD5 | 24 | 23080 | 7055 | 21920 | 18886 | 25962 | 11636 | 46983 |
| DNAI2 | 24 | 15580 | 5785 | 14716 | 11915 | 18414 | 5611 | 31352 |
| WDR61 | 23 | 3961 | 1708 | 3781 | 2801 | 5045 | 813 | 8480 |
| NIF3L1 | 24 | 16296 | 6964 | 14357 | 12785 | 17935 | 4689 | 34373 |
| EGLN1 | 24 | 19249 | 8038 | 17548 | 15596 | 20503 | 8927 | 49233 |
| NYX | 23 | 125651 | 50794 | 112363 | 96255 | 139036 | 33389 | 250208 |
| NAA50 | 24 | 11255 | 3861 | 10967 | 8595 | 14310 | 4343 | 18376 |
| UBA5 | 24 | 15328 | 6023 | 13718 | 10400 | 20538 | 7153 | 24777 |
| LHPP | 24 | 14755 | 7331 | 14313 | 9450 | 17047 | 4781 | 37466 |
| PAIP1 | 24 | 32416 | 10925 | 34057 | 22369 | 41700 | 16362 | 50027 |
| NAT10 | 24 | 9119 | 2922 | 8591 | 7129 | 11657 | 4038 | 15027 |
| COMMD4 | 24 | 3409 | 1042 | 3371 | 2797 | 3814 | 1476 | 5682 |
| IQCN | 24 | 27288 | 4900 | 25415 | 23985 | 29820 | 21854 | 40401 |
| KLC2 | 24 | 199066 | 81837 | 207329 | 137897 | 240657 | 42561 | 385260 |
| ILKAP | 24 | 15636 | 6578 | 15760 | 10722 | 19451 | 1468 | 26571 |
| XRN2 | 24 | 9819 | 3290 | 9133 | 7332 | 11622 | 5117 | 17477 |
| TOLLIP | 24 | 8487 | 3381 | 7780 | 5633 | 10715 | 4048 | 16817 |
| INTS2 | 22 | 10614 | 8754 | 7240 | 4771 | 12584 | 1582 | 32022 |
| KLHL25 | 24 | 116142 | 64205 | 108196 | 84155 | 121730 | 51302 | 389789 |
| TKTL2 | 24 | 9215 | 3215 | 8478 | 7373 | 11205 | 4905 | 17662 |
| QRICH2 | 24 | 38762 | 8479 | 38745 | 34335 | 41858 | 22379 | 66723 |
| PARP12 | 24 | 274340 | 96688 | 249516 | 219504 | 314693 | 116289 | 533462 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CSTF2T | 24 | 37110 | 11092 | 33822 | 29442 | 44434 | 20630 | 65171 |
| PCBD2 | 24 | 26032 | 7905 | 25106 | 21996 | 29652 | 12027 | 46875 |
| CYRIA | 23 | 3770 | 1171 | 3694 | 2928 | 4199 | 1503 | 6393 |
| HDHD2 | 24 | 43273 | 15560 | 39369 | 31833 | 53455 | 16711 | 78956 |
| RAB1B | 24 | 9814 | 5360 | 9126 | 6963 | 10875 | 4172 | 31406 |
| MRPL18 | 24 | 16664 | 24444 | 10876 | 8504 | 15804 | 4298 | 130028 |
| C11orf54 | 24 | 31303 | 13310 | 31177 | 21115 | 37434 | 13640 | 63830 |
| FAM234A | 24 | 49730 | 15578 | 49546 | 38170 | 57142 | 28888 | 87309 |
| NAPB | 24 | 2352368 | 827785 | 2013068 | 1886007 | 2539131 | 1472177 | 4276504 |
| CDH19 | 24 | 9015 | 2739 | 8427 | 7481 | 10733 | 4882 | 18112 |
| SIL1 | 24 | 21390 | 5655 | 20591 | 16698 | 24139 | 13159 | 33862 |
| IRF2BPL | 24 | 13466 | 4422 | 12543 | 9871 | 15648 | 7222 | 24694 |
| UNC93B1 | 24 | 79770 | 26426 | 73398 | 64756 | 104468 | 26446 | 125475 |
| CYSTM1 | 18 | 2793 | 1353 | 2663 | 1945 | 3269 | 864 | 7112 |
| POLR3F | 22 | 4596 | 1492 | 4686 | 3765 | 5722 | 1758 | 6808 |
| NUCKS1 | 24 | 42507 | 26860 | 37847 | 23813 | 49887 | 8650 | 126774 |
| TMX4 | 24 | 9747 | 5463 | 8406 | 6101 | 11783 | 3433 | 24990 |
| MEGF9 | 24 | 3813 | 1663 | 3413 | 2719 | 4375 | 1750 | 8480 |
| ATG5 | 24 | 10292 | 6835 | 8151 | 7278 | 10269 | 4172 | 38192 |
| WDR13 | 23 | 5967 | 2409 | 5367 | 4509 | 6815 | 3271 | 14564 |
| TSPAN10 | 21 | 11536 | 8390 | 7616 | 6472 | 15736 | 2961 | 38879 |
| EPN3 | 24 | 61061 | 16251 | 59555 | 48108 | 73709 | 25737 | 87383 |
| OR10A2 | 24 | 80177 | 28681 | 87882 | 59397 | 95807 | 28254 | 132179 |
| EHD4 | 24 | 16717 | 16058 | 12020 | 8624 | 19061 | 5447 | 84115 |
| GBA3 | 24 | 19408 | 8242 | 19051 | 13329 | 24150 | 7447 | 35293 |
| MMP28 | 24 | 5811 | 2188 | 5430 | 4317 | 6724 | 1965 | 11112 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SPTBN4 | 24 | 120994 | 29782 | 119648 | 100106 | 128231 | 73515 | 201270 |
| OR51E2 | 24 | 219686 | 130624 | 192580 | 120260 | 286409 | 51397 | 589719 |
| SH3BGRL3 | 24 | 100407 | 30689 | 94516 | 78727 | 118772 | 57349 | 159505 |
| SLC25A32 | 24 | 16893 | 3814 | 17475 | 14333 | 18765 | 9167 | 25575 |
| HSD3B7 | 22 | 16041 | 8028 | 14115 | 11653 | 16911 | 4308 | 38233 |
| TSPYL2 | 24 | 7053 | 4116 | 5967 | 4847 | 7596 | 2746 | 18265 |
| BLZF1 | 24 | 57823 | 12314 | 58552 | 52769 | 62692 | 26263 | 81982 |
| PPIL3 | 24 | 7962 | 3245 | 7106 | 5617 | 9470 | 3540 | 16078 |
| SLC38A1 | 24 | 19944 | 8610 | 16761 | 14834 | 21916 | 11231 | 49882 |
| PDCL3 | 24 | 47448 | 13079 | 47615 | 39440 | 54532 | 17895 | 73858 |
| RAB3GAP2 | 24 | 87787 | 21685 | 81900 | 76404 | 93945 | 54151 | 157705 |
| ADNP | 24 | 25016 | 5275 | 26031 | 21488 | 28475 | 12256 | 33399 |
| MRPL46 | 24 | 9665 | 3938 | 9815 | 8057 | 12302 | 2649 | 18213 |
| ZNF106 | 24 | 28187 | 3553 | 28476 | 25906 | 30587 | 20247 | 34233 |
| PNN | 24 | 15914 | 4026 | 15054 | 13501 | 17810 | 9927 | 28059 |
| OR52D1 | 24 | 31110 | 19044 | 25603 | 20790 | 32121 | 5134 | 76542 |
| GGNBP2 | 24 | 20176 | 8515 | 19452 | 13421 | 24277 | 8918 | 45676 |
| CPVL | 24 | 60325 | 30206 | 53055 | 42000 | 67262 | 19261 | 164597 |
| BOLA2 | 24 | 20100 | 7582 | 18588 | 14294 | 26193 | 7397 | 33156 |
| TMX1 | 24 | 121005 | 65515 | 98659 | 89330 | 117910 | 38256 | 322531 |
| ACBD3 | 24 | 7762 | 3218 | 7557 | 5036 | 9735 | 3032 | 14555 |
| PTPN23 | 24 | 35689 | 8666 | 33475 | 30029 | 40562 | 23217 | 57256 |
| UNC45A | 24 | 119819 | 36453 | 109278 | 93406 | 144054 | 66708 | 191945 |
| CHMP4B | 24 | 15395 | 5432 | 15233 | 13231 | 18866 | 3285 | 27339 |
| FN3K | 24 | 10679 | 3455 | 10447 | 8379 | 12742 | 5434 | 17530 |
| POFUT1 | 24 | 19334 | 7155 | 18146 | 14644 | 25069 | 6343 | 33622 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RNPEP | 24 | 63699 | 20529 | 60456 | 51968 | 73362 | 28511 | 107924 |
| GOLPH3L | 24 | 6074 | 2976 | 5022 | 3624 | 7981 | 3108 | 13427 |
| GOLPH3 | 24 | 9406 | 2671 | 8871 | 7939 | 10296 | 4538 | 15841 |
| TUBB1 | 24 | 19778 | 5720 | 19698 | 16837 | 21977 | 7558 | 34241 |
| SMOC1 | 24 | 8724 | 5448 | 8267 | 5138 | 10707 | 1892 | 24799 |
| EPB41L1 | 24 | 48935 | 20975 | 44986 | 34594 | 53247 | 27765 | 115550 |
| GLIPR2 | 23 | 5686 | 4398 | 3585 | 2814 | 7519 | 1774 | 17952 |
| PLEKHA4 | 24 | 53385 | 12770 | 51972 | 47177 | 60946 | 28255 | 76754 |
| EHD1 | 24 | 23937 | 15049 | 21420 | 15726 | 24931 | 9820 | 82963 |
| PCIF1 | 24 | 42505 | 24399 | 35830 | 23213 | 55016 | 13515 | 110306 |
| MROH8 | 24 | 1023061 | 602094 | 878248 | 711697 | 1129295 | 282836 | 3252302 |
| ELOVL6 | 24 | 64178 | 35274 | 51255 | 47437 | 66925 | 27897 | 164345 |
| CIAO2A | 23 | 3729 | 1329 | 3695 | 2718 | 4100 | 2057 | 7977 |
| SLITRK6 | 24 | 8251 | 2406 | 8573 | 6294 | 9885 | 4239 | 12635 |
| STN1 | 24 | 5638 | 2086 | 5219 | 4246 | 6104 | 3183 | 10723 |
| OPA3 | 24 | 35625 | 25398 | 29847 | 18307 | 47002 | 5827 | 101790 |
| ACSS3 | 24 | 391437 | 110685 | 378475 | 297324 | 448681 | 204712 | 617112 |
| YTHDC2 | 24 | 34598 | 11694 | 30698 | 28423 | 36720 | 19262 | 64379 |
| CWH43 | 24 | 13097 | 3970 | 12355 | 10486 | 15967 | 6985 | 22314 |
| SPRING1 | 23 | 51145 | 27754 | 49258 | 36656 | 59334 | 7483 | 122114 |
| DCTPP1 | 24 | 24183 | 12832 | 24584 | 13912 | 33521 | 1990 | 50634 |
| SMYD3 | 24 | 49642 | 10402 | 48249 | 42411 | 55368 | 31846 | 70633 |
| AAMDC | 24 | 24313 | 17672 | 23287 | 16333 | 24536 | 1825 | 94027 |
| DOCK5 | 24 | 150988 | 43207 | 138646 | 116804 | 167637 | 105088 | 279507 |
| ATP13A3 | 24 | 36927 | 7872 | 36487 | 31994 | 40025 | 21115 | 59098 |
| SCAF1 | 24 | 22963 | 4547 | 21864 | 19691 | 26496 | 15811 | 32770 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| UBE2Z | 24 | 11529 | 5842 | 10992 | 9153 | 12926 | 2034 | 34913 |
| NOL11 | 24 | 18730 | 14149 | 14263 | 11306 | 20341 | 7868 | 76986 |
| METTL7A | 24 | 75657 | 43156 | 62379 | 53115 | 99029 | 20471 | 218367 |
| MMRN2 | 24 | 39201 | 5888 | 38536 | 35121 | 42626 | 31316 | 55566 |
| AKTIP | 24 | 29398 | 6836 | 28901 | 24280 | 33972 | 15107 | 40765 |
| ANKZF1 | 24 | 86955 | 22904 | 85066 | 69036 | 97175 | 59650 | 165100 |
| RNF121 | 24 | 16900 | 6482 | 15515 | 13535 | 17836 | 8866 | 35529 |
| SLC25A22 | 24 | 60227 | 27262 | 53042 | 44082 | 75444 | 17364 | 128782 |
| MED20 | 24 | 25331 | 7965 | 25974 | 19441 | 30570 | 11934 | 45973 |
| QTRT2 | 24 | 14420 | 3823 | 13928 | 12033 | 16358 | 6761 | 25024 |
| ARMT1 | 24 | 13945 | 7951 | 13771 | 8163 | 16072 | 2361 | 34777 |
| PANK3 | 24 | 409868 | 546916 | 278910 | 216020 | 415788 | 17129 | 2859678 |
| LRRC40 | 24 | 6333 | 1757 | 5994 | 5270 | 6692 | 3609 | 10884 |
| AGO3 | 24 | 40669 | 15865 | 37581 | 29120 | 44896 | 21990 | 89192 |
| CHODL | 24 | 8079 | 3257 | 7603 | 5980 | 9308 | 3535 | 18655 |
| NHEJ1 | 24 | 9472 | 2555 | 9368 | 7750 | 10492 | 5606 | 17010 |
| CAB39L | 22 | 9466 | 4777 | 8280 | 5998 | 12971 | 2727 | 20886 |
| FN3KRP | 24 | 12620 | 4320 | 13258 | 9964 | 14933 | 4484 | 23353 |
| CARS2 | 24 | 34213 | 19285 | 28203 | 21327 | 40349 | 12728 | 82167 |
| PPCS | 24 | 100817 | 39260 | 108566 | 68235 | 125415 | 24463 | 159365 |
| NMNAT1 | 24 | 51221 | 25099 | 47101 | 39220 | 52741 | 21745 | 139974 |
| MLXIP | 24 | 61041 | 16439 | 57244 | 49023 | 67865 | 39580 | 94113 |
| C17orf75 | 24 | 22733 | 7896 | 21126 | 17741 | 26876 | 11254 | 41536 |
| SIAE | 24 | 14601 | 6075 | 13034 | 10298 | 18962 | 6407 | 27221 |
| PLEKHA5 | 24 | 12490 | 3275 | 12905 | 9924 | 14647 | 7542 | 19566 |
| UPF2 | 24 | 513946 | 86625 | 494284 | 465071 | 540779 | 338070 | 697477 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RNPEPL1 | 24 | 9282 | 3256 | 8697 | 7656 | 10143 | 4726 | 17494 |
| GRPEL1 | 23 | 4987 | 4278 | 3236 | 2554 | 5204 | 771 | 16596 |
| ELOVL3 | 22 | 3512 | 1272 | 3180 | 2794 | 4185 | 1645 | 7277 |
| MYG1 | 24 | 548800 | 405177 | 432571 | 272151 | 607627 | 92131 | 1539241 |
| KCNK13 | 24 | 13711 | 8002 | 11833 | 7937 | 19430 | 2877 | 28471 |
| SEBOX | 24 | 54013 | 30312 | 43502 | 38576 | 59567 | 18742 | 132859 |
| SCPEP1 | 24 | 19867 | 12224 | 16427 | 12785 | 26978 | 4071 | 49589 |
| CYP3A43 | 24 | 4328251 | 1440589 | 3786916 | 3339162 | 5211549 | 2801795 | 7335091 |
| PIDD1 | 24 | 5461 | 1451 | 5587 | 4466 | 6514 | 2358 | 7947 |
| PARVB | 24 | 10582 | 7330 | 8481 | 6409 | 11566 | 4515 | 37545 |
| TNS1 | 24 | 105407 | 71392 | 87459 | 75088 | 97263 | 62763 | 405644 |
| NMRAL1 | 24 | 38802 | 14605 | 37210 | 29504 | 48728 | 12999 | 67889 |
| SLC38A10 | 24 | 10852 | 1789 | 10988 | 9673 | 11841 | 7696 | 14515 |
| ZNF287 | 24 | 47254 | 12165 | 48202 | 37960 | 52263 | 27154 | 84068 |
| EML4 | 24 | 156868 | 74132 | 144306 | 98229 | 201185 | 60849 | 345870 |
| GLOD4 | 24 | 177052 | 64790 | 164235 | 129955 | 225746 | 78768 | 299345 |
| CBX8 | 23 | 6543 | 1915 | 6568 | 5634 | 7622 | 2056 | 11106 |
| MUC5B | 24 | 15944 | 13294 | 11709 | 6458 | 22244 | 2024 | 43464 |
| NEK6 | 24 | 24102 | 15148 | 17878 | 13817 | 28540 | 9577 | 60760 |
| SPON1 | 24 | 14605 | 7406 | 12407 | 9299 | 17905 | 5072 | 35363 |
| MCCC2 | 24 | 44979 | 19362 | 37454 | 32981 | 56876 | 10462 | 100019 |
| NCOA5 | 24 | 10184 | 5676 | 9077 | 6851 | 11230 | 4781 | 33572 |
| MOV10 | 20 | 4338 | 2190 | 4042 | 2991 | 5313 | 1223 | 9907 |
| ANKH | 24 | 26150 | 9672 | 23208 | 20618 | 31386 | 12397 | 48456 |
| VAT1L | 24 | 27093 | 7135 | 25009 | 23046 | 30181 | 17686 | 45506 |
| GPAM | 24 | 33670 | 7448 | 32952 | 28836 | 38140 | 19166 | 54381 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| RESF1 | 24 | 232720 | 50063 | 218356 | 203869 | 250464 | 168033 | 417948 |
| PLXNA4 | 24 | 30561 | 4582 | 30922 | 26355 | 33048 | 21357 | 39999 |
| PGAP6 | 24 | 7352 | 2084 | 7464 | 5680 | 8683 | 4027 | 13409 |
| EPB41L4A | 24 | 367011 | 63163 | 363901 | 331851 | 402518 | 280249 | 545748 |
| XAB2 | 24 | 92481 | 26670 | 84095 | 74821 | 96925 | 64474 | 182526 |
| CD248 | 24 | 65615 | 42765 | 55950 | 39569 | 74793 | 9302 | 188137 |
| PREB | 24 | 12834 | 7670 | 10713 | 8123 | 14715 | 2992 | 31552 |
| CHMP1A | 24 | 9897 | 4063 | 9612 | 7030 | 12272 | 2829 | 17630 |
| RETN | 23 | 9564 | 13812 | 6650 | 3656 | 9536 | 919 | 69363 |
| APMAP | 24 | 16625 | 5496 | 16400 | 13503 | 18260 | 9395 | 36251 |
| TXNRD2 | 24 | 66323 | 26039 | 60960 | 44273 | 73880 | 37399 | 120489 |
| SINHCAF | 24 | 491421 | 200868 | 435405 | 358631 | 610878 | 151777 | 903652 |
| ARFGAP3 | 24 | 27646 | 13598 | 24321 | 16986 | 36091 | 6945 | 60701 |
| PALMD | 24 | 19762 | 7916 | 17469 | 14147 | 24699 | 10296 | 39927 |
| SSU72 | 24 | 5693 | 2921 | 4776 | 3675 | 6905 | 2478 | 15502 |
| ABCB9 | 20 | 2928 | 1331 | 2752 | 1945 | 3396 | 1233 | 6236 |
| VTA1 | 24 | 15395 | 5982 | 14254 | 10459 | 17920 | 5430 | 30446 |
| DYNLRB1 | 24 | 12447 | 3619 | 12087 | 9972 | 14349 | 5060 | 19062 |
| PARD6A | 24 | 23253 | 12584 | 20979 | 16721 | 24102 | 12590 | 74028 |
| GPCPD1 | 24 | 66098 | 19928 | 59665 | 54429 | 78472 | 28424 | 106758 |
| CCNB1IP1 | 24 | 16577 | 3547 | 16347 | 13613 | 19063 | 9597 | 23494 |
| A4GALT | 24 | 15208 | 4391 | 14626 | 13273 | 16745 | 6633 | 25020 |
| MYNN | 24 | 11356 | 6795 | 9098 | 7193 | 14693 | 1901 | 28736 |
| OSGEP | 24 | 13242 | 5014 | 13513 | 10007 | 16049 | 4719 | 24743 |
| ACP6 | 21 | 8092 | 4882 | 6311 | 4796 | 12246 | 2482 | 19854 |
| ISYNA1 | 24 | 42020 | 37381 | 24473 | 15353 | 56555 | 7126 | 133749 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| OBP2B | 24 | 83488 | 86049 | 52973 | 32738 | 88527 | 1419 | 347983 |
| NXT2 | 24 | 12413 | 2839 | 12384 | 10999 | 14060 | 6820 | 20044 |
| CD93 | 24 | 123215 | 79193 | 103946 | 62664 | 159172 | 34733 | 346523 |
| LZTFL1 | 24 | 80960 | 35993 | 78405 | 54858 | 94374 | 31876 | 179636 |
| MEPE | 24 | 21942 | 4878 | 21533 | 18296 | 25044 | 12073 | 32858 |
| TIGAR | 24 | 25967 | 9646 | 23881 | 20058 | 30326 | 11223 | 44608 |
| RTN4 | 24 | 28290 | 10552 | 24237 | 21263 | 31369 | 18276 | 64855 |
| CYLD | 24 | 8334 | 2501 | 8018 | 7108 | 9095 | 4539 | 17677 |
| HINT3 | 24 | 6881 | 2402 | 6104 | 5066 | 8740 | 3452 | 11446 |
| RPRD1B | 24 | 89523 | 58718 | 70238 | 57928 | 101967 | 42952 | 323686 |
| RRAGD | 24 | 11533 | 4873 | 10555 | 8777 | 13418 | 5389 | 25194 |
| PFDN4 | 24 | 8467 | 2376 | 7984 | 6611 | 10594 | 4413 | 11882 |
| NIT2 | 24 | 43772 | 13246 | 44756 | 31438 | 53216 | 20102 | 62894 |
| AVEN | 24 | 18320 | 4804 | 18022 | 15022 | 20818 | 10646 | 27831 |
| EXOSC5 | 24 | 22080 | 8208 | 21386 | 16682 | 25687 | 10124 | 47825 |
| FSCN3 | 24 | 11018 | 12240 | 7595 | 4911 | 10783 | 3451 | 61766 |
| KIF13B | 24 | 25929 | 9931 | 25356 | 17199 | 33476 | 12368 | 50252 |
| PAK6 | 24 | 13977 | 2188 | 13629 | 12423 | 15542 | 10568 | 17961 |
| ANLN | 24 | 8726 | 3537 | 8007 | 6375 | 9787 | 3887 | 18144 |
| XPNPEP1 | 24 | 33505 | 20424 | 27913 | 21255 | 36164 | 6340 | 81982 |
| GPHN | 24 | 36679 | 11230 | 35038 | 26835 | 46064 | 21453 | 60153 |
| MYO5C | 24 | 62193 | 10826 | 59340 | 55325 | 65932 | 49443 | 90793 |
| ITM2C | 24 | 16917 | 10808 | 14469 | 9221 | 20963 | 4784 | 53588 |
| BIN3 | 24 | 33811 | 22038 | 31014 | 19230 | 38341 | 7178 | 111488 |
| PDLIM7 | 24 | 68465 | 125553 | 29673 | 25588 | 38253 | 13579 | 504240 |
| DDX21 | 24 | 107545 | 34918 | 100845 | 82897 | 124837 | 55519 | 189258 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| MAN1C1 | 24 | 26794 | 8720 | 25797 | 19996 | 29615 | 16988 | 48512 |
| NANS | 24 | 131904 | 80484 | 99045 | 75084 | 185824 | 31942 | 361454 |
| SH3GLB2 | 24 | 8110 | 3746 | 7427 | 5739 | 9628 | 3038 | 18798 |
| EIF2B3 | 24 | 10887 | 1844 | 11257 | 9839 | 11598 | 7679 | 14794 |
| FBXO6 | 24 | 30036 | 9009 | 29052 | 26423 | 32252 | 12499 | 50936 |
| PICK1 | 24 | 19627 | 6353 | 18632 | 15833 | 21827 | 10816 | 36490 |
| CTPS2 | 24 | 10939 | 4290 | 10334 | 8585 | 12283 | 5202 | 23931 |
| CHRAC1 | 23 | 6159 | 6064 | 4812 | 4004 | 6206 | 1655 | 32833 |
| PAPOLB | 24 | 14455 | 9886 | 13668 | 8768 | 16508 | 5460 | 55662 |
| ENAM | 24 | 57567 | 12105 | 53456 | 49261 | 60997 | 44944 | 90709 |
| AASDHPPT | 24 | 15439 | 3425 | 14903 | 13056 | 17635 | 8590 | 21619 |
| UBQLN4 | 24 | 25091 | 12794 | 20421 | 17478 | 29456 | 10847 | 63687 |
| HEBP1 | 24 | 62848 | 29751 | 54263 | 43498 | 70392 | 27935 | 161140 |
| RAB6B | 24 | 12092 | 4968 | 10456 | 8755 | 15949 | 5439 | 24804 |
| APOBEC3C | 24 | 4364 | 1917 | 3812 | 3305 | 5222 | 1652 | 9869 |
| PHPT1 | 24 | 18563 | 7530 | 17966 | 12761 | 22502 | 8196 | 39773 |
| ARHGAP35 | 24 | 180582 | 25601 | 177527 | 163862 | 186403 | 145644 | 234164 |
| FAM114A2 | 24 | 6209 | 1543 | 5909 | 5170 | 7070 | 3459 | 9349 |
| LTBP3 | 24 | 18983 | 8475 | 16465 | 13009 | 23428 | 8852 | 38541 |
| RGS18 | 24 | 13249 | 3359 | 12843 | 11003 | 14927 | 8031 | 19963 |
| LANCL2 | 24 | 24082 | 6786 | 21890 | 18503 | 31148 | 14370 | 36485 |
| KCND1 | 24 | 7052 | 2602 | 7170 | 4707 | 8858 | 2618 | 13065 |
| CTNNBIP1 | 24 | 29777 | 7762 | 28260 | 25342 | 34353 | 13471 | 48196 |
| ST6GALNAC1 | 24 | 20464 | 8555 | 18850 | 13640 | 24928 | 8972 | 41598 |
| FARSB | 24 | 160703 | 61992 | 173966 | 105699 | 190023 | 48025 | 285346 |
| IARS2 | 24 | 83961 | 27049 | 74198 | 64341 | 93645 | 56993 | 166980 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| STARD5 | 24 | 120939 | 75500 | 92694 | 73928 | 138878 | 43486 | 343713 |
| ATG3 | 21 | 3578 | 2235 | 3652 | 1887 | 4286 | 651 | 10689 |
| PDS5B | 24 | 47776 | 10448 | 45860 | 41931 | 49947 | 31694 | 69116 |
| OLA1 | 24 | 75226 | 39565 | 67071 | 55551 | 74991 | 26977 | 188073 |
| CUTC | 24 | 23219 | 9655 | 22689 | 18364 | 28534 | 7766 | 54453 |
| RBM12 | 24 | 40671 | 16440 | 38347 | 30880 | 47797 | 14328 | 71983 |
| ANKEF1 | 24 | 29175 | 6084 | 28559 | 26091 | 30322 | 20782 | 50725 |
| ZCCHC3 | 24 | 18926 | 5443 | 18407 | 14888 | 20227 | 10769 | 35745 |
| ABHD10 | 23 | 6328 | 3632 | 4830 | 3800 | 8110 | 2625 | 16633 |
| STAU2 | 24 | 38451 | 10398 | 35514 | 32641 | 41270 | 18433 | 71399 |
| TMEM106B | 21 | 4988 | 2484 | 4638 | 3081 | 5860 | 1320 | 10646 |
| LIN7C | 24 | 11135 | 3478 | 10700 | 8953 | 12852 | 5200 | 19309 |
| CYRIB | 24 | 32424 | 11374 | 30245 | 26632 | 39411 | 11032 | 59846 |
| DDX19A | 24 | 15336 | 5207 | 15069 | 12343 | 16763 | 7494 | 29267 |
| GIMAP4 | 24 | 6814 | 2671 | 6069 | 4616 | 8653 | 3745 | 14692 |
| TDP1 | 24 | 6159 | 3119 | 5403 | 4688 | 6334 | 3670 | 19512 |
| TBC1D23 | 24 | 2402 | 1086 | 2122 | 1755 | 3164 | 613 | 5075 |
| MRGBP | 15 | 3321 | 2650 | 2385 | 1520 | 3933 | 1077 | 9528 |
| SEPTIN11 | 22 | 3771 | 2627 | 3434 | 1831 | 4907 | 456 | 9403 |
| SLC38A7 | 23 | 16178 | 9502 | 15238 | 7659 | 19987 | 5114 | 42734 |
| MED17 | 24 | 34461 | 5277 | 33394 | 32243 | 34544 | 25642 | 48228 |
| PARVA | 24 | 45704 | 71040 | 26986 | 21659 | 33107 | 14223 | 339553 |
| PANK4 | 24 | 74344 | 16070 | 70904 | 64543 | 82362 | 50882 | 111949 |
| FBXO28 | 24 | 6855 | 2076 | 6572 | 5623 | 7610 | 3886 | 12356 |
| TBC1D13 | 24 | 23541 | 8637 | 22460 | 16962 | 28816 | 11493 | 40094 |
| ARL8B | 24 | 146190 | 57410 | 125299 | 105281 | 180692 | 73713 | 290738 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| DNAJC17 | 24 | 14236 | 8951 | 12326 | 10819 | 14176 | 7080 | 54605 |
| DDX18 | 24 | 23170 | 6389 | 23219 | 18497 | 26010 | 13840 | 38262 |
| ASF1B | 22 | 3918 | 1329 | 3471 | 2926 | 4542 | 2281 | 7321 |
| TBCCD1 | 24 | 54881 | 18376 | 48619 | 44077 | 61895 | 26641 | 109835 |
| ARMC1 | 23 | 4601 | 1950 | 4282 | 3705 | 4774 | 2054 | 11565 |
| MTPAP | 24 | 16414 | 9195 | 14261 | 11429 | 16928 | 5807 | 50026 |
| RLIM | 24 | 39044 | 8839 | 39691 | 33072 | 42509 | 23316 | 60973 |
| RBM22 | 24 | 32511 | 15800 | 27963 | 23900 | 32909 | 18095 | 88865 |
| WDR70 | 24 | 56976 | 9734 | 55832 | 52139 | 60636 | 37019 | 81436 |
| SLTM | 24 | 32000 | 5733 | 31651 | 28967 | 33213 | 23850 | 48082 |
| PAG1 | 23 | 11459 | 5367 | 10489 | 8640 | 12530 | 5556 | 27700 |
| PARPBP | 24 | 5324 | 5883 | 3870 | 2866 | 5551 | 1595 | 31278 |
| PAK1IP1 | 24 | 15594 | 6191 | 12697 | 11017 | 20268 | 7976 | 32398 |
| HIF1AN | 24 | 7152 | 3677 | 5657 | 4906 | 9234 | 3264 | 17714 |
| CZIB | 24 | 120634 | 59772 | 111492 | 89229 | 133701 | 51601 | 369224 |
| BABAM1 | 24 | 12186 | 5422 | 10474 | 9414 | 12022 | 6547 | 27164 |
| CLN6 | 24 | 17181 | 6176 | 16092 | 13735 | 20776 | 7288 | 33380 |
| C2orf42 | 24 | 29668 | 13695 | 25633 | 21162 | 34242 | 8620 | 69307 |
| THG1L | 24 | 12520 | 3156 | 12020 | 10618 | 14952 | 6272 | 21082 |
| IRAK4 | 24 | 32002 | 9704 | 29554 | 27245 | 37202 | 15198 | 58268 |
| COMMD8 | 24 | 28183 | 31610 | 20661 | 14804 | 27774 | 6871 | 167394 |
| NHP2 | 24 | 6475 | 2812 | 6463 | 4259 | 8119 | 1233 | 12872 |
| OCIAD1 | 24 | 12567 | 4500 | 11468 | 9500 | 15204 | 5766 | 24256 |
| ADPRS | 24 | 10222 | 4491 | 9780 | 7104 | 13311 | 3075 | 17699 |
| HYPK | 24 | 7283 | 1784 | 7479 | 6239 | 8610 | 3340 | 11135 |
| CHCHD3 | 24 | 21094 | 9362 | 17614 | 15604 | 26258 | 7709 | 43318 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ZSCAN32 | 24 | 274711 | 160313 | 245374 | 182313 | 302657 | 90995 | 758596 |
| SIRT5 | 24 | 6933 | 2557 | 6066 | 5275 | 8602 | 3736 | 12711 |
| THUMPD1 | 24 | 26015 | 13131 | 25980 | 17020 | 31664 | 6960 | 73929 |
| PGPEP1 | 16 | 3435 | 1421 | 2925 | 2226 | 4514 | 1606 | 6351 |
| FBXL12 | 24 | 11740 | 6205 | 11990 | 7272 | 15543 | 3941 | 31453 |
| GIN1 | 16 | 1887 | 955 | 1800 | 1321 | 2230 | 650 | 4615 |
| NDE1 | 24 | 16592 | 3803 | 16130 | 13948 | 19083 | 10760 | 25163 |
| BABAM2 | 24 | 10892 | 2467 | 10808 | 9219 | 11710 | 7227 | 19125 |
| CDKN2AIP | 24 | 6826 | 1641 | 6514 | 5792 | 7483 | 4476 | 11136 |
| GAR1 | 24 | 9839 | 4311 | 9022 | 6344 | 12356 | 4371 | 21561 |
| STAB1 | 24 | 229096 | 39891 | 230131 | 206435 | 257861 | 149218 | 294842 |
| PPP4R2 | 24 | 64317 | 15602 | 64729 | 53792 | 76750 | 33814 | 88653 |
| SLC5A4 | 24 | 18879 | 8219 | 17453 | 14351 | 19978 | 8683 | 42134 |
| TERF2IP | 24 | 15080 | 7583 | 12678 | 10224 | 18639 | 7911 | 37156 |
| BCLAF1 | 24 | 58907 | 22051 | 52569 | 45007 | 69997 | 37293 | 139228 |
| COA4 | 24 | 9203 | 7741 | 6356 | 4198 | 12917 | 1588 | 35630 |
| TLR7 | 24 | 32966 | 23353 | 25489 | 20332 | 35060 | 14060 | 112960 |
| MAP3K20 | 24 | 4366 | 3607 | 3141 | 2247 | 4638 | 1487 | 15082 |
| TMOD3 | 24 | 11337 | 5475 | 10052 | 7405 | 13530 | 3901 | 24854 |
| CELSR1 | 24 | 80069 | 25285 | 75171 | 62819 | 87004 | 45370 | 135171 |
| FAT2 | 24 | 1328242 | 154891 | 1336947 | 1274684 | 1426321 | 958186 | 1548298 |
| NKIRAS1 | 24 | 17445 | 8214 | 16021 | 13571 | 18215 | 7410 | 42478 |
| UGGT2 | 24 | 43260 | 11828 | 39306 | 35085 | 47960 | 32092 | 83150 |
| UGGT1 | 24 | 11161 | 4753 | 9609 | 7540 | 13845 | 6078 | 21184 |
| TAS2R5 | 24 | 8298 | 3151 | 8095 | 5772 | 10611 | 3329 | 16367 |
| RBAK | 24 | 30139 | 11769 | 27220 | 22462 | 32529 | 15446 | 61890 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ERAP1 | 24 | 22772 | 15215 | 16402 | 12072 | 35949 | 6046 | 54150 |
| ACTR10 | 24 | 19034 | 5475 | 17381 | 15866 | 20440 | 12956 | 37246 |
| C9orf78 | 24 | 59368 | 34267 | 45640 | 38233 | 65716 | 22326 | 146934 |
| FAM120A | 24 | 24877 | 6633 | 23056 | 21052 | 27110 | 15766 | 45234 |
| WWOX | 15 | 5039 | 2714 | 4260 | 3165 | 6183 | 1130 | 11056 |
| SMARCAL1 | 24 | 12127 | 6282 | 10916 | 8133 | 14115 | 3470 | 29184 |
| GLTP | 24 | 39681 | 24015 | 33721 | 24242 | 43127 | 5676 | 105122 |
| AHSP | 24 | 68107 | 65448 | 39111 | 28226 | 90298 | 9785 | 246450 |
| NUDT4 | 24 | 9330 | 4859 | 9084 | 5190 | 12765 | 2782 | 20501 |
| EHD3 | 24 | 1633661 | 1195224 | 1483282 | 996825 | 1815897 | 540454 | 6330590 |
| EHD2 | 24 | 15013 | 24395 | 6957 | 5429 | 8516 | 3101 | 104434 |
| CNOT2 | 24 | 48076 | 31235 | 41752 | 28067 | 61340 | 700 | 111975 |
| C1RL | 24 | 5280 | 2197 | 4627 | 3794 | 6862 | 2366 | 9804 |
| TMOD2 | 24 | 25743 | 7023 | 26300 | 20377 | 28837 | 12256 | 42119 |
| CALML5 | 24 | 5604 | 2113 | 4750 | 4119 | 6838 | 2770 | 9943 |
| OGFR | 24 | 5684 | 1221 | 5214 | 4891 | 6789 | 3810 | 7732 |
| LMCD1 | 24 | 7171 | 7570 | 4692 | 3926 | 8052 | 2599 | 39122 |
| COMMD9 | 24 | 15523 | 8555 | 14359 | 10545 | 16541 | 3506 | 36015 |
| THYN1 | 24 | 11814 | 8227 | 11638 | 6000 | 13367 | 2658 | 35070 |
| NDUFAF4 | 24 | 49274 | 9153 | 49632 | 41886 | 58219 | 32944 | 63481 |
| HACD3 | 24 | 2290 | 1793 | 1575 | 1085 | 2979 | 507 | 6418 |
| PDP1 | 23 | 9470 | 3493 | 10291 | 6714 | 12016 | 3171 | 14217 |
| VAPA | 24 | 39130 | 17089 | 38599 | 25074 | 48391 | 17328 | 82502 |
| MACROH2A2 | 24 | 16984 | 13999 | 13470 | 10639 | 16738 | 4981 | 74878 |
| RNF181 | 23 | 5190 | 2231 | 5192 | 3851 | 6028 | 1030 | 10717 |
| MTRES1 | 24 | 6456 | 2409 | 6368 | 4723 | 8256 | 2869 | 12494 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| GSKIP | 23 | 4004 | 2291 | 3639 | 2311 | 5758 | 375 | 10173 |
| ZNF581 | 23 | 15506 | 15470 | 10080 | 6851 | 15175 | 5191 | 74919 |
| SPATA7 | 24 | 26125 | 4816 | 25360 | 23019 | 27457 | 19217 | 41863 |
| ABRACL | 24 | 53443 | 27455 | 52881 | 32607 | 71348 | 8519 | 101457 |
| MDFIC | 24 | 28466 | 5170 | 27838 | 24741 | 31121 | 19871 | 38702 |
| ACTR3B | 24 | 15897 | 2643 | 15297 | 14098 | 18044 | 12034 | 20781 |
| HCN3 | 24 | 16917 | 5406 | 17531 | 12078 | 19836 | 10456 | 30925 |
| WHRN | 24 | 17164 | 3060 | 16440 | 14588 | 19019 | 12648 | 25641 |
| PLCE1 | 24 | 1660931 | 830730 | 1408686 | 1047886 | 2234161 | 603561 | 3491920 |
| VPS18 | 24 | 7705 | 3756 | 6717 | 5770 | 8376 | 3306 | 21546 |
| RCC2 | 24 | 48685 | 27092 | 49473 | 26098 | 58753 | 10873 | 105190 |
| SLAIN2 | 24 | 6455 | 2141 | 5839 | 5119 | 7443 | 3826 | 13509 |
| USP36 | 24 | 186849 | 74711 | 171651 | 149006 | 196215 | 96163 | 470994 |
| FNIP2 | 24 | 38147 | 14560 | 34910 | 30892 | 41430 | 19945 | 84427 |
| STK26 | 24 | 128557 | 37106 | 126344 | 100594 | 142746 | 80544 | 247065 |
| PTGFRN | 24 | 139956 | 42753 | 127488 | 118192 | 153848 | 75942 | 229550 |
| RRBP1 | 24 | 35256 | 11291 | 33008 | 28771 | 44405 | 17648 | 62027 |
| MAP10 | 24 | 26444 | 9844 | 27982 | 19348 | 31566 | 10168 | 50284 |
| KLHL8 | 24 | 10993 | 5631 | 10500 | 8218 | 11208 | 4129 | 33398 |
| CEP126 | 24 | 26747 | 5925 | 25060 | 22411 | 29011 | 18824 | 39006 |
| CPSF2 | 16 | 14755 | 7728 | 12344 | 10609 | 16679 | 6012 | 32877 |
| LARS1 | 24 | 18025 | 7378 | 14887 | 12040 | 22476 | 9491 | 32963 |
| CC2D2A | 24 | 356238 | 119884 | 319799 | 275893 | 381749 | 155023 | 652972 |
| RBM27 | 24 | 52835 | 18966 | 48651 | 39544 | 58682 | 25046 | 97548 |
| RERE | 24 | 27026 | 8334 | 25646 | 22401 | 31047 | 16537 | 46730 |
| SUCLA2 | 24 | 366035 | 116353 | 364230 | 288280 | 433209 | 138226 | 608744 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| WRAP73 | 24 | 17136 | 5017 | 17134 | 12962 | 20730 | 9763 | 25355 |
| STX18 | 24 | 28401 | 6919 | 26024 | 23903 | 33484 | 20345 | 45319 |
| DELEC1 | 24 | 32112 | 8838 | 34731 | 24965 | 38239 | 16490 | 47205 |
| ATXN10 | 24 | 1848794 | 770281 | 1676851 | 1339666 | 2150783 | 665449 | 3683829 |
| TFIP11 | 24 | 293147 | 53850 | 287322 | 257587 | 330188 | 156724 | 385645 |
| MYO1A | 24 | 105019 | 15528 | 106729 | 94876 | 114722 | 77688 | 146131 |
| SPRR3 | 23 | 9620 | 13772 | 4998 | 3895 | 8758 | 2666 | 70153 |
| HSFX1 | 24 | 75064 | 48236 | 64086 | 44626 | 88475 | 6043 | 201395 |
| SAE1 | 24 | 43315 | 17530 | 39346 | 33470 | 56041 | 13333 | 85481 |
| NLK | 24 | 10956 | 6374 | 9285 | 6824 | 13207 | 1566 | 25696 |
| COPG2 | 24 | 86544 | 24471 | 83194 | 71784 | 101019 | 46579 | 135169 |
| MRC2 | 24 | 43788 | 11005 | 42300 | 33393 | 54203 | 27860 | 61884 |
| IL36RN | 22 | 3839 | 3311 | 2931 | 2178 | 4442 | 794 | 16766 |
| COMMD3 | 22 | 3030 | 1671 | 2686 | 1900 | 3721 | 1078 | 8097 |
| GNG12 | 23 | 9580 | 5310 | 8312 | 5156 | 13061 | 3027 | 23319 |
| HCST | 24 | 30039818 | 18124064 | 28792908 | 14311498 | 42130164 | 6850172 | 73186056 |
| CPNE7 | 24 | 20606 | 7802 | 18275 | 14544 | 27146 | 8795 | 38034 |
| DKK3 | 24 | 17215 | 4529 | 16072 | 14086 | 19686 | 11435 | 26372 |
| VPS29 | 24 | 9814 | 3212 | 10161 | 7367 | 11609 | 4453 | 14714 |
| GRHPR | 24 | 269989 | 85040 | 279904 | 212687 | 300004 | 110438 | 434517 |
| CTSZ | 24 | 38236 | 27244 | 33453 | 22696 | 44079 | 5597 | 145210 |
| UBA2 | 24 | 15975 | 5772 | 15231 | 13621 | 19403 | 4638 | 29792 |
| DKK4 | 16 | 8415 | 5230 | 5849 | 4404 | 9734 | 4084 | 18811 |
| NXF1 | 24 | 124185 | 63866 | 114799 | 91580 | 131675 | 64861 | 397697 |
| PEF1 | 24 | 9380 | 2594 | 9372 | 7272 | 11286 | 5184 | 14636 |
| BIN2 | 24 | 38737 | 12579 | 38541 | 28113 | 41954 | 18221 | 72768 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| COPS7A | 24 | 16054 | 3521 | 15147 | 13752 | 17855 | 10972 | 24237 |
| FBLN5 | 24 | 5432 | 4695 | 3908 | 2191 | 6883 | 1178 | 19279 |
| APEX2 | 24 | 745973 | 359224 | 662860 | 546395 | 820981 | 207801 | 2025804 |
| PPP1R1B | 24 | 11227 | 5108 | 11388 | 7078 | 13134 | 3293 | 21644 |
| AASS | 24 | 44513 | 13375 | 40388 | 34915 | 54892 | 24050 | 72579 |
| ZNF212 | 24 | 22651 | 4241 | 21291 | 20079 | 25019 | 15918 | 31241 |
| CFDP1 | 24 | 5748 | 2362 | 5878 | 3525 | 7138 | 2460 | 11865 |
| VTI1B | 24 | 16961 | 4732 | 16364 | 13639 | 18510 | 10521 | 27554 |
| STK39 | 24 | 8638 | 2090 | 8483 | 7216 | 9777 | 5354 | 13306 |
| LRWD1 | 24 | 14590 | 7347 | 13252 | 10408 | 18720 | 5668 | 33476 |
| NIPSNAP3A | 24 | 32706 | 23596 | 25048 | 20881 | 40526 | 13601 | 128278 |
| ABCF2 | 24 | 4902528 | 967084 | 4773928 | 4241548 | 5345595 | 3319602 | 7199780 |
| TES | 24 | 9211 | 8869 | 7158 | 4985 | 9390 | 1524 | 40529 |
| DMBT1 | 24 | 36035 | 12553 | 32995 | 28828 | 39431 | 19666 | 70339 |
| FETUB | 19 | 3616 | 2200 | 2830 | 2034 | 5243 | 603 | 8093 |
| LIMD1 | 24 | 31224 | 6540 | 29939 | 25781 | 35874 | 20571 | 42881 |
| HMGXB4 | 24 | 12994 | 2277 | 13179 | 11536 | 14513 | 7728 | 17003 |
| APOBEC3B | 21 | 9858 | 4947 | 8386 | 7294 | 11160 | 4691 | 25742 |
| SWAP70 | 24 | 306717 | 77755 | 315902 | 253339 | 356848 | 179269 | 431936 |
| FBXO40 | 24 | 255461 | 128031 | 218151 | 198126 | 259434 | 110806 | 693960 |
| LAMTOR3 | 24 | 13384 | 7843 | 12285 | 8316 | 14498 | 5922 | 40750 |
| LIMA1 | 24 | 61765 | 19150 | 58928 | 46602 | 74232 | 32577 | 105403 |
| SRP68 | 24 | 33443 | 9002 | 32214 | 26243 | 42379 | 19614 | 48805 |
| CNTNAP2 | 24 | 8395 | 2244 | 8336 | 7549 | 8687 | 5743 | 17663 |
| NPC1L1 | 24 | 475363 | 220059 | 436257 | 321888 | 499287 | 163396 | 990744 |
| CHORDC1 | 24 | 19600 | 8383 | 19243 | 12516 | 26688 | 6938 | 34378 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| UBQLN2 | 24 | 4828 | 2427 | 4511 | 2950 | 6859 | 1422 | 10286 |
| EGFL7 | 24 | 3787 | 1810 | 3483 | 2926 | 4414 | 715 | 8333 |
| IL20RA | 24 | 7897 | 3200 | 7645 | 6276 | 8930 | 2291 | 14756 |
| ADAMTS1 | 24 | 58982 | 28473 | 50858 | 39289 | 70057 | 24794 | 134391 |
| SHPK | 24 | 6532 | 2727 | 6201 | 4658 | 8310 | 2210 | 12279 |
| DPP7 | 24 | 53537 | 38641 | 43894 | 30150 | 62091 | 13962 | 191925 |
| SAP30BP | 24 | 31265 | 8642 | 27614 | 25351 | 34735 | 21853 | 59673 |
| ZNHIT2 | 24 | 1927784 | 848885 | 1570328 | 1393664 | 2122500 | 938490 | 3773408 |
| PFDN2 | 24 | 143582 | 34268 | 140715 | 119946 | 162109 | 73244 | 212473 |
| PUF60 | 24 | 21080 | 8482 | 20507 | 16116 | 25936 | 6572 | 40502 |
| NRBP1 | 24 | 18113 | 8303 | 15512 | 12726 | 22207 | 8595 | 36926 |
| ENOPH1 | 24 | 30803 | 11300 | 31461 | 22950 | 37371 | 12194 | 53169 |
| ATP6V1H | 24 | 4828 | 1653 | 4400 | 3704 | 5754 | 2442 | 8610 |
| TAGLN3 | 24 | 10082 | 4816 | 9057 | 7632 | 10728 | 3666 | 22933 |
| TRMT112 | 19 | 7084 | 4256 | 5902 | 4081 | 8436 | 1940 | 17142 |
| CPA4 | 23 | 7612 | 6236 | 6611 | 4492 | 8812 | 1850 | 33863 |
| XPO7 | 24 | 17844 | 7498 | 17140 | 13194 | 19533 | 5690 | 37088 |
| BAZ1B | 24 | 70780 | 9909 | 71211 | 63635 | 77239 | 55214 | 96129 |
| ATP5IF1 | 24 | 5699 | 2227 | 5502 | 4028 | 7233 | 1794 | 11794 |
| AK3 | 24 | 16068 | 10378 | 13022 | 7352 | 19591 | 4890 | 45315 |
| CNOT7 | 24 | 9083 | 3715 | 7991 | 6977 | 9970 | 5602 | 22649 |
| SERPINB13 | 24 | 14697 | 4330 | 14868 | 11056 | 17126 | 6740 | 24908 |
| GGT7 | 24 | 40288 | 14107 | 36054 | 34184 | 45236 | 12104 | 88721 |
| RABGEF1 | 24 | 18920 | 3888 | 18951 | 15375 | 20788 | 13242 | 29717 |
| MAGEL2 | 24 | 8299 | 4179 | 7154 | 6096 | 8826 | 4501 | 22555 |
| NAGK | 24 | 39556 | 14248 | 38773 | 33235 | 42669 | 11885 | 88012 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CRLS1 | 24 | 14185 | 3828 | 14692 | 10886 | 16754 | 5969 | 20770 |
| SH3BGRL2 | 24 | 10986 | 5321 | 11356 | 7302 | 14599 | 3215 | 22369 |
| RASAL2 | 24 | 62893 | 13282 | 61504 | 52798 | 68384 | 45878 | 98436 |
| DBNL | 23 | 6413 | 2210 | 6534 | 4532 | 7829 | 2211 | 10178 |
| DCTN4 | 24 | 8964 | 2987 | 8164 | 7205 | 10873 | 4269 | 15333 |
| ZNF229 | 24 | 32831 | 7724 | 32880 | 28398 | 37189 | 16075 | 47937 |
| CDC23 | 24 | 25636 | 8099 | 24250 | 20194 | 30202 | 14194 | 40479 |
| ANAPC2 | 24 | 15321 | 5688 | 13812 | 11929 | 17404 | 6652 | 28617 |
| LSM7 | 24 | 32183 | 7886 | 33143 | 26846 | 36610 | 17079 | 47307 |
| SERPINA10 | 24 | 8267 | 1408 | 8129 | 7136 | 9005 | 6274 | 11372 |
| DBR1 | 24 | 7296 | 2632 | 6980 | 5810 | 9013 | 2300 | 12499 |
| TASOR | 24 | 27883 | 8108 | 25606 | 23828 | 28591 | 16726 | 54401 |
| FEM1B | 24 | 17570 | 3893 | 17555 | 14925 | 19597 | 10510 | 27806 |
| JPT1 | 24 | 30644 | 11767 | 29709 | 23528 | 37511 | 8113 | 51180 |
| FBXO3 | 24 | 7719 | 3193 | 6654 | 5949 | 8187 | 4333 | 19457 |
| AKAP11 | 24 | 104146 | 11407 | 105187 | 97809 | 109483 | 76278 | 128602 |
| DNAJC12 | 24 | 50849 | 24281 | 42377 | 38901 | 60441 | 20208 | 113269 |
| CPSF3 | 24 | 10165 | 2500 | 9828 | 8607 | 11383 | 6104 | 15356 |
| PITPNC1 | 24 | 12216 | 4960 | 11708 | 9321 | 13263 | 4632 | 31094 |
| APPL1 | 24 | 9006 | 3009 | 8878 | 6530 | 10644 | 4826 | 16317 |
| PARP4 | 24 | 29631 | 7093 | 27984 | 24747 | 33129 | 21403 | 53692 |
| NUDT5 | 24 | 35149 | 17138 | 31900 | 20900 | 45080 | 10614 | 68687 |
| RCOR1 | 23 | 5521 | 2058 | 4968 | 4154 | 6896 | 1990 | 9636 |
| MAN1B1 | 24 | 65981 | 12338 | 68959 | 59960 | 77235 | 39423 | 81473 |
| MYO15A | 24 | 156256 | 29114 | 148524 | 135497 | 167459 | 119339 | 234503 |
| GTF3C4 | 24 | 14761 | 3950 | 14322 | 11981 | 16090 | 9188 | 24041 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| ADAMTS6 | 24 | 81912 | 42421 | 71066 | 61797 | 89846 | 40264 | 259679 |
| PACSIN3 | 24 | 26132 | 12953 | 21872 | 18120 | 30224 | 9924 | 58238 |
| FBXO4 | 24 | 10628 | 5037 | 9009 | 8072 | 12534 | 3557 | 28763 |
| FBXL21P | 24 | 78428 | 22507 | 80075 | 62548 | 92483 | 43574 | 126720 |
| ACAD8 | 24 | 389183 | 148123 | 333621 | 288268 | 462790 | 226842 | 763466 |
| ACIN1 | 24 | 9029 | 2234 | 8794 | 7598 | 9415 | 5047 | 14403 |
| AGO2 | 24 | 67536 | 18377 | 63118 | 53061 | 74939 | 44777 | 113368 |
| MYH2 | 24 | 338342 | 84469 | 329763 | 286289 | 374004 | 219013 | 547980 |
| MYH13 | 24 | 88387 | 14700 | 84304 | 80567 | 92712 | 63342 | 133739 |
| NUP50 | 24 | 147686 | 35105 | 138549 | 127360 | 168663 | 89245 | 213255 |
| ZHX1 | 24 | 108213 | 28964 | 100347 | 87904 | 130092 | 63240 | 170752 |
| DSE | 24 | 8028 | 2230 | 7488 | 6537 | 9552 | 5092 | 12827 |
| AGO1 | 24 | 10341 | 3648 | 9347 | 7917 | 11459 | 6088 | 20714 |
| RAB21 | 24 | 18314 | 9902 | 15658 | 12748 | 19883 | 7545 | 39661 |
| RAB22A | 24 | 6992 | 2380 | 6988 | 4895 | 8940 | 3889 | 12303 |
| PSME2 | 24 | 146722 | 79395 | 132588 | 101558 | 185026 | 35987 | 398130 |
| RAB23 | 24 | 11413 | 18437 | 6045 | 4652 | 7662 | 2292 | 86237 |
| MCTS1 | 24 | 32575 | 8945 | 33666 | 27808 | 37955 | 15268 | 49519 |
| MTUS1 | 24 | 60805 | 15136 | 57473 | 50430 | 69418 | 31777 | 93274 |
| PALD1 | 18 | 10282 | 5825 | 8859 | 7111 | 12049 | 2444 | 24874 |
| SLC39A10 | 24 | 364182 | 179648 | 334040 | 208093 | 450076 | 154193 | 795705 |
| ZBTB21 | 24 | 92217 | 52345 | 78689 | 60315 | 98581 | 37420 | 271101 |
| KIAA1210 | 24 | 66734 | 15862 | 63377 | 58492 | 69549 | 49535 | 129633 |
| PLEKHG1 | 18 | 5444 | 4267 | 3343 | 2664 | 7723 | 1651 | 14099 |
| CNOT6 | 24 | 111588 | 49874 | 97690 | 79296 | 136298 | 62353 | 290201 |
| TBC1D24 | 24 | 6809 | 2357 | 6786 | 4954 | 8217 | 2241 | 11614 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| PPM1H | 24 | 64074 | 20217 | 58896 | 51418 | 71846 | 36095 | 120914 |
| KCNS2 | 24 | 15748 | 6888 | 13783 | 11518 | 17842 | 7074 | 29419 |
| ZNRF3 | 24 | 23455 | 6571 | 22359 | 19748 | 25883 | 15558 | 42409 |
| HECTD1 | 24 | 58952 | 19000 | 55394 | 49929 | 62529 | 29563 | 108787 |
| MYO5B | 24 | 95439 | 16624 | 94347 | 86865 | 98976 | 65548 | 133108 |
| FZD4 | 22 | 5133 | 3253 | 4598 | 3221 | 5861 | 185 | 17170 |
| CORO1C | 24 | 232655 | 190389 | 199304 | 127094 | 260163 | 67870 | 1006620 |
| NAP1L2 | 24 | 41774 | 18849 | 37926 | 29453 | 50585 | 8800 | 89063 |
| PYCARD | 24 | 30860 | 21559 | 24537 | 16173 | 33255 | 10075 | 83340 |
| PADI4 | 24 | 86368 | 29865 | 79976 | 65346 | 94563 | 52847 | 175533 |
| EPDR1 | 23 | 5541 | 3948 | 4606 | 2243 | 8199 | 655 | 12814 |
| MYO6 | 24 | 20890 | 10391 | 17923 | 12693 | 28532 | 8350 | 43143 |
| PPT2 | 24 | 34276 | 27922 | 23281 | 18806 | 36332 | 7680 | 108463 |
| NFU1 | 24 | 40668 | 17940 | 35349 | 30841 | 42652 | 19640 | 85589 |
| PRPF19 | 24 | 23996 | 10251 | 23049 | 15907 | 29509 | 8786 | 42108 |
| SYNPO2 | 24 | 50699 | 20062 | 44512 | 41298 | 55497 | 25512 | 110140 |
| NENF | 24 | 11354 | 5790 | 10404 | 6914 | 15649 | 2440 | 22088 |
| VPS4A | 24 | 88172 | 24976 | 81328 | 74017 | 97961 | 50079 | 147663 |
| ARHGAP26 | 24 | 91861 | 21522 | 86170 | 75422 | 107426 | 57705 | 134851 |
| STUB1 | 24 | 99038 | 23048 | 99204 | 82127 | 112496 | 67542 | 170762 |
| CDC14A | 24 | 17350 | 5131 | 16228 | 15077 | 18792 | 6702 | 28558 |
| SNX6 | 24 | 32079 | 8783 | 30430 | 26341 | 37697 | 14185 | 52725 |
| PSMD13 | 24 | 22872 | 9484 | 22683 | 17292 | 25634 | 10037 | 55428 |
| FAF1 | 24 | 23032 | 7388 | 22447 | 18854 | 24682 | 13806 | 47311 |
| PROCR | 21 | 3032 | 2689 | 2334 | 1472 | 2896 | 665 | 11911 |
| DIMT1 | 23 | 4099 | 2225 | 3922 | 2659 | 4629 | 1565 | 10480 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TIMELESS | 24 | 9638 | 2739 | 9344 | 7943 | 10362 | 6214 | 18285 |
| WDR3 | 24 | 11541 | 5367 | 10587 | 7709 | 13589 | 3991 | 24885 |
| NSFL1C | 24 | 39351 | 15062 | 34166 | 28814 | 46514 | 20211 | 86497 |
| ADAMTS8 | 24 | 11377 | 3656 | 10524 | 8764 | 12724 | 7398 | 22697 |
| COG5 | 24 | 35181 | 8241 | 34247 | 30095 | 36676 | 24383 | 57787 |
| MACF1 | 24 | 152272 | 12387 | 151451 | 142690 | 162227 | 132105 | 176523 |
| SCAF8 | 24 | 28348 | 7695 | 27904 | 21516 | 31326 | 18768 | 48483 |
| TRIM35 | 24 | 18423 | 5847 | 16994 | 15340 | 19905 | 12027 | 33360 |
| ZC3H4 | 24 | 12382 | 1721 | 12183 | 11564 | 13450 | 8901 | 15808 |
| SORCS3 | 24 | 77911 | 15777 | 73253 | 65593 | 89972 | 58600 | 112411 |
| USP24 | 24 | 78208 | 25334 | 71632 | 64041 | 81830 | 48597 | 156079 |
| SAMD4A | 24 | 6900 | 2092 | 6553 | 5531 | 7929 | 4132 | 13284 |
| PHF24 | 24 | 16099 | 15550 | 9456 | 6441 | 19131 | 4618 | 71120 |
| TRAK1 | 24 | 43134 | 11423 | 43868 | 32724 | 48405 | 24070 | 64910 |
| SHANK2 | 24 | 15962 | 6060 | 16298 | 10787 | 19448 | 5637 | 27572 |
| SRRM2 | 24 | 43093 | 7310 | 42369 | 37984 | 45804 | 32664 | 60742 |
| CNTN6 | 24 | 15098 | 3927 | 13687 | 12090 | 18207 | 9630 | 23089 |
| PA2G4 | 24 | 65142 | 30541 | 55832 | 40792 | 81988 | 25391 | 141910 |
| SPG7 | 24 | 9821 | 1875 | 10046 | 8166 | 10890 | 6908 | 13978 |
| CLCA2 | 24 | 29275 | 11753 | 27836 | 25195 | 32513 | 9841 | 64062 |
| ERVW-1 | 24 | 154595 | 56208 | 139102 | 115426 | 194021 | 71911 | 288410 |
| MAPK8IP1 | 24 | 13344 | 5868 | 11180 | 9129 | 16298 | 6128 | 27716 |
| ZNF148 | 24 | 21965 | 8470 | 20158 | 15599 | 24397 | 12337 | 46748 |
| RTRAF | 24 | 19028 | 10273 | 15145 | 11421 | 25956 | 5563 | 41612 |
| RUVBL2 | 24 | 50377 | 28625 | 41033 | 26651 | 71617 | 18331 | 114795 |
| LIPT1 | 24 | 11644 | 11374 | 7320 | 4853 | 11793 | 2653 | 46350 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| NOD1 | 24 | 26335 | 10042 | 26057 | 18602 | 34135 | 10523 | 46321 |
| CLEC11A | 24 | 8120 | 1233 | 7798 | 7285 | 8916 | 5678 | 10310 |
| AKT3 | 24 | 22584 | 7051 | 20857 | 18561 | 23696 | 12784 | 44986 |
| EIF3L | 24 | 16804 | 8712 | 14017 | 11423 | 19550 | 4618 | 35755 |
| PLAA | 24 | 42433 | 14318 | 41830 | 34358 | 51612 | 18832 | 74169 |
| RUVBL1 | 22 | 6198 | 5897 | 3909 | 1712 | 9209 | 377 | 22189 |
| NUDC | 24 | 375822 | 164699 | 386507 | 233190 | 499376 | 113937 | 679155 |
| ST3GAL6 | 24 | 17093 | 6641 | 15818 | 12130 | 20535 | 8126 | 33602 |
| HS3ST2 | 24 | 36374 | 10980 | 32611 | 30140 | 38558 | 20935 | 64270 |
| CFL2 | 24 | 463845 | 229989 | 431544 | 323510 | 484705 | 230983 | 1402231 |
| FARSA | 24 | 23087 | 6401 | 22170 | 18752 | 26791 | 13004 | 40847 |
| ASF1A | 16 | 2088 | 1003 | 1754 | 1422 | 2879 | 574 | 4384 |
| DRG1 | 24 | 6305 | 3561 | 6218 | 3197 | 7234 | 1739 | 16153 |
| NCKAP1 | 24 | 20054 | 5998 | 19562 | 16649 | 23087 | 10986 | 34276 |
| CNPY2 | 24 | 90423 | 54490 | 81887 | 52477 | 118765 | 25632 | 217608 |
| DTX4 | 24 | 36402 | 8913 | 37831 | 32138 | 40455 | 19562 | 50640 |
| STK38L | 24 | 27731 | 10001 | 26535 | 20500 | 32469 | 15741 | 58358 |
| INPP5F | 24 | 23404 | 3757 | 23575 | 20711 | 25694 | 16118 | 30689 |
| PLEKHA6 | 24 | 42072 | 6139 | 41804 | 36822 | 45352 | 32228 | 58584 |
| WDR37 | 24 | 9884 | 4387 | 8677 | 7041 | 10375 | 4049 | 20142 |
| PADI2 | 24 | 20390 | 8901 | 18264 | 14136 | 24436 | 11783 | 52861 |
| ZKSCAN5 | 24 | 154317 | 39855 | 162253 | 118383 | 177340 | 84021 | 239993 |
| SLC27A6 | 24 | 17897 | 8758 | 15449 | 10991 | 23851 | 6416 | 40679 |
| LAMTOR2 | 24 | 33569 | 13307 | 29822 | 25100 | 35406 | 19269 | 72581 |
| TMA7 | 23 | 60421 | 33154 | 46902 | 35385 | 87470 | 21569 | 124055 |
| AP3M1 | 24 | 5438 | 2041 | 5166 | 4524 | 6141 | 2202 | 10617 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| CARHSP1 | 24 | 39484 | 20347 | 34556 | 25136 | 52114 | 6472 | 81398 |
| THRAP3 | 24 | 18458 | 7955 | 16488 | 14268 | 20175 | 9492 | 48109 |
| WBP11 | 24 | 14741 | 4280 | 14227 | 11117 | 17997 | 9354 | 25511 |
| NOP58 | 24 | 15732 | 7297 | 14524 | 11195 | 18455 | 7310 | 44289 |
| DERA | 24 | 24644 | 14835 | 21903 | 16538 | 28084 | 10271 | 86022 |
| LSM2 | 24 | 27593 | 11596 | 27307 | 17389 | 34980 | 8182 | 49219 |
| STARD10 | 24 | 15195 | 10474 | 13297 | 9662 | 17471 | 4362 | 56720 |
| CAB39 | 24 | 33389 | 11003 | 30587 | 27373 | 39848 | 15759 | 55110 |
| LUC7L2 | 24 | 7448 | 2580 | 6939 | 6401 | 7907 | 4424 | 17999 |
| MRPS2 | 24 | 26376 | 6529 | 24987 | 22196 | 30549 | 15394 | 40013 |
| SBDS | 24 | 34909 | 25144 | 31390 | 22089 | 38195 | 7989 | 136854 |
| EXOSC1 | 23 | 7474 | 4002 | 6969 | 5107 | 8806 | 2604 | 20581 |
| SF3B6 | 24 | 8977 | 5237 | 8693 | 5435 | 11147 | 1127 | 27199 |
| REXO2 | 24 | 11071 | 3160 | 10695 | 8933 | 12223 | 5074 | 20355 |
| WASHC3 | 24 | 38814 | 27835 | 30936 | 27174 | 35184 | 5834 | 143544 |
| PPIL1 | 24 | 66315 | 24293 | 61303 | 52209 | 74189 | 40185 | 161033 |
| UFC1 | 24 | 36659 | 26127 | 29303 | 25586 | 40832 | 10760 | 149325 |
| FIS1 | 24 | 23397 | 10994 | 23858 | 14489 | 30195 | 7635 | 47732 |
| AK6 | 24 | 31655 | 17943 | 25623 | 17806 | 40662 | 12858 | 78770 |
| HDGFL3 | 24 | 15131 | 26568 | 8338 | 4028 | 11522 | 663 | 131073 |
| BOLA1 | 20 | 6616 | 3887 | 5451 | 4025 | 8587 | 1490 | 16252 |
| CHMP3 | 24 | 68977 | 25923 | 63438 | 51508 | 87469 | 23264 | 119857 |
| CHMP3 | 24 | 6708 | 2161 | 6099 | 5336 | 8087 | 3404 | 12680 |
| STRAP | 24 | 17459 | 6676 | 16721 | 12748 | 20585 | 7018 | 30301 |
| RTCB | 24 | 24106 | 9231 | 21728 | 18601 | 31241 | 9117 | 43838 |
| RABGAP1 | 24 | 37474 | 8427 | 36207 | 32309 | 39510 | 26264 | 56795 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TSC22D4 | 24 | 31241 | 11321 | 30533 | 23331 | 35627 | 16835 | 66048 |
| SAMHD1 | 24 | 31861 | 18101 | 26014 | 23303 | 38791 | 9201 | 95929 |
| HBS1L | 24 | 12666 | 5387 | 10825 | 9629 | 14227 | 6042 | 28587 |
| SALL2 | 24 | 5249 | 1317 | 4883 | 4467 | 6092 | 3345 | 8681 |
| PRKAB1 | 24 | 13502 | 2358 | 13335 | 11872 | 15608 | 9650 | 18019 |
| TLN1 | 24 | 69773 | 49139 | 55798 | 45016 | 71869 | 33571 | 278681 |
| MFHAS1 | 24 | 147567 | 53440 | 142613 | 104709 | 185913 | 65350 | 266825 |
| ZNF451 | 24 | 60170 | 22674 | 57114 | 46216 | 64998 | 25997 | 141264 |
| USP15 | 24 | 290477 | 77653 | 265492 | 239700 | 342817 | 188845 | 457388 |
| TOGARAM1 | 24 | 37032 | 7976 | 37474 | 31372 | 42409 | 22095 | 56420 |
| RIPOR2 | 24 | 85844 | 15733 | 82241 | 74660 | 93113 | 68401 | 121733 |
| TLN2 | 24 | 69583 | 10863 | 67857 | 62793 | 77794 | 50673 | 89393 |
| IRS2 | 24 | 1388941 | 319779 | 1341997 | 1176311 | 1561631 | 942664 | 2086938 |
| LOXL2 | 24 | 292961 | 46265 | 293404 | 263431 | 319899 | 196191 | 398246 |
| CRYBG1 | 24 | 35588 | 15941 | 31279 | 24282 | 42578 | 12784 | 77616 |
| MAP4K5 | 24 | 145565 | 50228 | 133406 | 117715 | 174242 | 35817 | 229823 |
| HYOU1 | 24 | 26443 | 14963 | 20469 | 17712 | 31850 | 10228 | 66564 |
| TBL2 | 24 | 2199942 | 858629 | 2002690 | 1752895 | 2201216 | 754806 | 4620120 |
| TELO2 | 24 | 233809 | 62408 | 223697 | 201012 | 251959 | 116982 | 431449 |
| ARIH1 | 24 | 7868 | 2688 | 7716 | 5811 | 9715 | 2885 | 14408 |
| LSM4 | 24 | 25642 | 10403 | 24833 | 17259 | 31546 | 9339 | 47427 |
| OARD1 | 24 | 7319 | 4849 | 6210 | 3850 | 8263 | 2950 | 24009 |
| HSPB11 | 24 | 12628 | 5350 | 12472 | 9178 | 15189 | 4025 | 26003 |
| SUPT16H | 24 | 18337 | 4109 | 17929 | 14784 | 21435 | 11828 | 27480 |
| PCDHB2 | 24 | 6907 | 3364 | 6499 | 4611 | 8159 | 1096 | 15802 |
| PCDHB14 | 24 | 21508 | 10096 | 21325 | 13597 | 28869 | 5638 | 46760 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| TIMM9 | 21 | 2025 | 1449 | 1691 | 776 | 3185 | 426 | 4675 |
| TIMM8B | 24 | 70936 | 29752 | 63417 | 52066 | 79196 | 35522 | 163246 |
| PCYT1B | 23 | 3161 | 1535 | 2906 | 1819 | 4373 | 1166 | 5915 |
| CD2AP | 24 | 21955 | 10303 | 20749 | 14476 | 26862 | 6968 | 46456 |
| ATP6V1D | 22 | 3555 | 1474 | 3229 | 2516 | 4648 | 1121 | 6422 |
| TIMM13 | 24 | 13347 | 4890 | 12845 | 10297 | 15951 | 5369 | 27721 |
| PPP2R3B | 24 | 21064 | 5114 | 20600 | 16853 | 23579 | 13938 | 34937 |
| DMRT2 | 24 | 34268 | 16106 | 27505 | 24855 | 35618 | 16029 | 72897 |
| TRAPPC1 | 24 | 40577 | 13079 | 40824 | 32613 | 46132 | 21213 | 76115 |
| CDC42BPB | 24 | 198480 | 33930 | 190362 | 180371 | 215618 | 134380 | 293438 |
| RBM8A | 24 | 25451 | 13515 | 22388 | 18963 | 26380 | 8224 | 66080 |
| ZNF706 | 17 | 4507 | 2391 | 3911 | 3466 | 5074 | 1189 | 12632 |
| WIF1 | 21 | 7195 | 3920 | 6705 | 4070 | 9081 | 2310 | 15945 |
| SNX13 | 24 | 124169 | 16784 | 119407 | 113413 | 137731 | 97223 | 161774 |
| SNX9 | 24 | 7930 | 6509 | 5359 | 4895 | 8278 | 1006 | 31935 |
| SNX5 | 24 | 12375 | 3958 | 12318 | 9092 | 15024 | 6210 | 24155 |
| NUBP2 | 24 | 11831 | 32736 | 4224 | 2545 | 6228 | 1868 | 163799 |
| ST14 | 24 | 6595 | 1855 | 6366 | 5182 | 7946 | 3704 | 10106 |
| LYVE1 | 22 | 5189 | 5120 | 3799 | 2156 | 6026 | 577 | 24940 |
| HEBP2 | 24 | 56904 | 22257 | 49673 | 41326 | 72984 | 17854 | 111843 |
| HEBP2 | 24 | 57009 | 20443 | 54318 | 44929 | 68234 | 27335 | 118948 |
| PUS1 | 24 | 55023 | 23605 | 50699 | 39452 | 58663 | 20587 | 119230 |
| LRRFIP2 | 24 | 19742 | 3892 | 18706 | 17441 | 20519 | 15035 | 31180 |
| PSAT1 | 24 | 40017 | 29671 | 28908 | 18183 | 56717 | 3801 | 104979 |
| F11R | 24 | 4886 | 1851 | 4349 | 3758 | 5911 | 2581 | 10569 |
| CPQ | 24 | 20417 | 15147 | 13059 | 10467 | 23836 | 4764 | 58960 |

| PG.Genes | n | mean | sd | median | q1 | q3 | min | max |
|---|---|---|---|---|---|---|---|---|
| SPIN1 | 24 | 1110537 | 515971 | 904218 | 767824 | 1372564 | 482010 | 2795163 |
| COPG1 | 24 | 21582 | 9740 | 21079 | 15160 | 29449 | 5809 | 39767 |
| CLIC4 | 24 | 56259 | 49338 | 48182 | 31063 | 63875 | 16857 | 265365 |
| CFAP20 | 24 | 38813 | 19752 | 34368 | 24211 | 46994 | 15047 | 90489 |
| SAR1B | 24 | 6039 | 2591 | 6184 | 3897 | 8095 | 2536 | 10619 |
| EMILIN1 | 24 | 26056 | 7248 | 23904 | 21695 | 27499 | 16995 | 44771 |
| ARFGEF2 | 24 | 11112 | 3185 | 11231 | 9106 | 12772 | 5913 | 17375 |
| ARFGEF1 | 24 | 21393 | 6096 | 19512 | 17705 | 25445 | 13601 | 42869 |
| STK24 | 24 | 7658 | 2152 | 8118 | 5910 | 8989 | 3882 | 11367 |
| BZW2 | 24 | 14311 | 5272 | 14108 | 10104 | 17918 | 5795 | 24807 |
| COMMD10 | 24 | 29357 | 29328 | 25282 | 13031 | 30389 | 7819 | 152383 |
| DYNC1LI1 | 24 | 12426 | 3124 | 12648 | 10161 | 14453 | 7233 | 19539 |
| CHCHD2 | 24 | 15781 | 8807 | 13384 | 9191 | 23186 | 3263 | 31780 |
| TEX264 | 24 | 630867 | 365581 | 509525 | 447710 | 645388 | 339081 | 1891093 |
| DNMT3A | 24 | 93489 | 34231 | 85562 | 76617 | 103428 | 45528 | 182711 |
| OAS3 | 24 | 10720 | 3028 | 9855 | 8945 | 12938 | 4894 | 16372 |
| AK5 | 24 | 38944 | 6537 | 36987 | 33969 | 44571 | 29215 | 49835 |
| SQOR | 24 | 15053 | 4742 | 14071 | 11718 | 17756 | 8407 | 27255 |
| LAMC3 | 24 | 231652 | 60857 | 226958 | 190733 | 267622 | 114985 | 365251 |
| CAPN6 | 24 | 18996 | 3412 | 18570 | 16823 | 20786 | 13386 | 26284 |
| FCGBP | 24 | 67296 | 67227 | 44603 | 18715 | 70937 | 10959 | 208708 |
| CAPN7 | 24 | 138508 | 23042 | 140298 | 127701 | 156109 | 94193 | 176376 |
| WASF2 | 24 | 22265 | 5393 | 21546 | 18670 | 25806 | 14561 | 33787 |
| FAM169A | 24 | 14767 | 5826 | 14029 | 10221 | 17188 | 8134 | 32166 |
| IVNS1ABP | 24 | 17664 | 4227 | 17104 | 15199 | 19456 | 11421 | 29983 |
| SEC23IP | 24 | 61350 | 12516 | 58071 | 52246 | 65459 | 46644 | 94056 |