

| EntrezGene ID | MGI symbol | RefSeq mRNA | CF | CM | CF/CM | |
|----------------|--------------|-------------|----------------|----------|----------|-----------|
| Tcf21 | NM_011545 | 21412 | 426.376 | 27.1981 | 15.67668 | CF/CM>4.5 |
| Nfkbiz | NM_001159394 | 80859 | 159.266 | 29.9678 | 5.314571 | |
| Basp1 | NM_027395 | 70350 | 100.126 | 14.9302 | 6.706273 | |
| Creb3l1 | NM_011957 | 26427 | 91.4653 | 19.9548 | 4.583624 | |
| Msc | NM_010827 | 17681 | 79.7228 | 1.98787 | 40.10463 | |
| Egr3 | NM_018781 | 13655 | 51.9793 | 5.17897 | 10.03661 | |
| Twist1 | NM_011658 | 22160 | 47.7342 | 9.1558 | 5.213548 | |
| Aebp1 | NM_009636 | 11568 | 45.1851 | 8.3239 | 5.428357 | |
| Foxc2 | NM_013519 | 14234 | 43.849 | 7.32976 | 5.982324 | |
| Egr2 | NM_010118 | 13654 | 40.9063 | 6.37275 | 6.41894 | |
| Twist2 | NM_007855 | 13345 | 28.679 | 2.68178 | 10.69402 | |
| Sox9 | NM_011448 | 20682 | 25.6219 | 3.8431 | 6.666988 | |
| Nfatc2 | NM_001136073 | 18019 | 16.9752 | 2.00825 | 8.452732 | |
| Nfatc2 | NM_010899 | 18019 | 16.1057 | 2.79206 | 5.768393 | |
| Jdp2 | NM_001205053 | | 13.5624 | 1.44307 | 9.398297 | |
| Gli1 | NM_010296 | 14632 | 7.39123 | 1.14721 | 6.442787 | |
| Ebf2 | NM_001276387 | 13592 | 5.25068 | 0.01819 | 288.6575 | |
| Aff3 | NM_010678 | 16764 | 5.087 | 0.932103 | 5.457551 | |
| Spic | NM_011461 | 20728 | 4.63 | 0.899993 | 5.144484 | |
| Pknox2 | NM_148950 | | 3.70604 | 0.456461 | 8.119073 | |
| Gli2 | NM_001081125 | 14633 | 3.67544 | 0.602284 | 6.102503 | |
| Nr1h4 | NM_001163504 | 20186 | 3.38369 | 0.45016 | 7.516639 | |
| Foxp2 | NM_053242 | 114142 | 3.22803 | 0.593584 | 5.438203 | |
| Osr2 | NM_054049 | 107587 | 2.28643 | 0.413918 | 5.523872 | |
| Foxp2 | NM_212435 | 114142 | 1.50067 | 0.325205 | 4.614535 | |
| 1700003F12Rik | NM_029305 | 75480 | 1.16932 | 0.257731 | 4.536978 | |
| Nr1h4 | NM_009108 | 20186 | 1.06975 | 0.047532 | 22.50608 | |
| Hmga1 | NM_001166539 | | 1.03334 | 0.00222 | 465.4706 | |
| Tcf15 | NM_178254 | 277353 | 0.738721 | 0.104286 | 7.083607 | |
| Gtf2i | NM_001080748 | 14886 | 0.65361 | 0.002716 | 240.6233 | |
| Foxf2 | NM_010225 | 14238 | 0.569276 | 0.118714 | 4.795357 | |
| Irf5 | NM_001252382 | | 0.399794 | 0.068809 | 5.810174 | |
| Bnc2 | NM_172870 | 242509 | 0.360409 | 0.059908 | 6.016001 | |
| Btbd11 | NM_001017525 | 74007 | 0.354478 | 0.078336 | 4.525114 | |
| Foxd4 | NM_008022 | 14237 | 0.287392 | 0.053272 | 5.394834 | |
| Mxi1 | NM_001008543 | 17859 | 0.277481 | 0.055785 | 4.974142 | |
| Zfp169 | NM_001164575 | 67911 | 0.271234 | 0.000222 | 1219.61 | |
| Runx1 | NM_001111021 | 12394 | 0.253639 | 0.045875 | 5.528867 | |
| Ar | NM_013476 | 11835 | 0.241384 | 0.051188 | 4.715646 | |
| Zbtb25 | NM_001172104 | 109929 | 0.215899 | 5.49E-05 | 3932.587 | |
| Zfp819 | NM_028913 | 74400 | 0.200985 | 0.034453 | 5.833684 | |
| Trank1 | NM_001164659 | 320429 | 0.189278 | 0.021446 | 8.82596 | |
| Tfap2c | NM_009335 | | 0.098067 | 6.79E-07 | 144429 | |
| Elf3 | NM_001163131 | 13710 | 0.097572 | 4.12E-05 | 2368.248 | |
| Zfp398 | NM_173034 | 272347 | 0.086389 | 3.95E-05 | 2187.073 | |

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|--------------|--------------|--------|----------------|----------|----------|
| Tbx4 | NM_172798 | 21387 | 0.085884 | 4.63E-07 | 185495.2 |
| Dlx5 | NM_198854 | 13395 | 0.065453 | 5.91E-06 | 11075.03 |
| Hmx1 | NM_010445 | 15371 | 0.065278 | 0.014439 | 4.521041 |
| Tfap2a | NM_001122948 | 21418 | 0.062495 | 3.43E-06 | 18220 |
| Pou5f2 | NM_029315 | 75507 | 0.047549 | 0.007886 | 6.029467 |
| Hsf4 | NM_001256044 | 26386 | 0.045405 | 0.000696 | 65.21158 |
| Obox6 | NM_145710 | 252830 | 0.037473 | 0.008286 | 4.52274 |
| Barhl1 | NM_001164186 | 54422 | 0.029311 | 3.55E-07 | 82565.07 |
| Ovol2 | NM_026924 | 107586 | 0.028388 | 1.13E-06 | 25121.68 |
| Nr1h5 | NM_201619 | 381463 | 0.024747 | 3.57E-06 | 6932.017 |
| Myt1l | NM_001093778 | 17933 | 0.018324 | 8.81E-06 | 2079.955 |
| Trp73 | NM_011642 | 22062 | 0.011719 | 4.51E-06 | 2598.537 |
| Lhx9 | NM_001025565 | 16876 | 0.010216 | 2.46E-06 | 4152.846 |
| Nkx2-2 | NM_010919 | 18088 | 0.007739 | 1.43E-07 | 54119.65 |
| Nrl | NM_008736 | | 0.003035 | 6.44E-06 | 471.2981 |
| Nrl | NM_001136074 | | 0.002775 | 6.07E-06 | 457.2471 |
| Nrl | NM_001271916 | | 0.000468 | 1.84E-06 | 254.2603 |
| Homez | NM_183174 | | 0.000205 | 1.69E-05 | 12.12615 |
| Mef2b | NM_008578 | 17259 | 0.000108 | 4.07E-06 | 26.61179 |
| Myt1l | NM_008666 | 17933 | 4.26E-05 | 7.81E-06 | 5.454545 |
| Atf4 | NM_009716 | 11911 | 572.266 | 371.159 | 1.541835 |
| Klf6 | NM_011803 | 23849 | 516.878 | 249.579 | 2.071 |
| Egr1 | NM_007913 | 13653 | 338.712 | 179.566 | 1.886281 |
| Fosb | NM_008036 | 14282 | 286.107 | 143.451 | 1.994458 |
| Klf4 | NM_010637 | 16600 | 281.943 | 99.9928 | 2.819633 |
| Maff | NM_010755 | | 219.631 | 96.4516 | 2.277111 |
| Myc | NM_001177352 | 17869 | 147.965 | 92.3669 | 1.601927 |
| Klf2 | NM_008452 | 16598 | 142.908 | 58.655 | 2.436416 |
| Id2 | NM_010496 | 15902 | 122.891 | 46.6598 | 2.633766 |
| Xbp1 | NM_013842 | 22433 | 120.265 | 48.533 | 2.478005 |
| Tgif1 | NM_009372 | | 98.8759 | 63.7557 | 1.550856 |
| Carhsp1 | NM_025821 | 52502 | 95.1137 | 59.7782 | 1.59111 |
| Ski | NM_011385 | 20481 | 89.7647 | 58.948 | 1.522778 |
| Hmga1-rs1 | NM_001166476 | 111241 | 89.4957 | 55.7095 | 1.606471 |
| Erf | NM_010155 | 13875 | 82.5314 | 40.8492 | 2.020392 |
| Creb3l2 | NM_178661 | 208647 | 74.4289 | 44.2629 | 1.681519 |
| Klf9 | NM_010638 | 16601 | 72.9505 | 39.8692 | 1.829746 |
| Ybx3 | NM_139117 | 56449 | 72.7311 | 31.4954 | 2.309261 |
| Tbx20 | NM_194263 | 57246 | 70.3712 | 35.9039 | 1.959988 |
| Phf10 | NM_024250 | 72057 | 68.2648 | 41.9217 | 1.628388 |
| Myc | NM_001177353 | 17869 | 65.6106 | 33.9607 | 1.931957 |
| Klf3 | NM_008453 | 16599 | 64.6036 | 42.7881 | 1.50985 |
| Gtf2f1 | NM_133801 | 98053 | 63.5118 | 39.8035 | 1.595634 |
| Hivep2 | NM_010437 | | 59.5412 | 38.2889 | 1.555051 |
| Tfdp1 | NM_009361 | 21781 | 56.6035 | 36.7515 | 1.540168 |
| Phf13 | NM_172705 | 230936 | 56.5485 | 26.4224 | 2.140173 |

4.5>CF/CM>1.5

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|---------------|--------------|--------|---------|---------|----------|
| Tsc22d3 | NM_010286 | 14605 | 56.5417 | 22.3766 | 2.526823 |
| Hmga1-rs1 | NM_001166477 | 111241 | 50.8942 | 31.8568 | 1.597593 |
| Cebpb | NM_009883 | 12608 | 50.0985 | 24.5469 | 2.04093 |
| Smad1 | NM_008539 | 17125 | 50.0122 | 30.4898 | 1.640293 |
| Max | NM_008558 | 17187 | 49.5082 | 27.6205 | 1.792444 |
| Sf1 | NM_001110791 | 22668 | 47.9898 | 29.5681 | 1.623026 |
| Rbpj | NM_001080927 | | 45.7479 | 18.8602 | 2.425632 |
| Arntl | NM_007489 | 11865 | 41.602 | 19.5433 | 2.128709 |
| Wasl | NM_028459 | 73178 | 39.99 | 25.3055 | 1.580289 |
| 2700081O15Rik | NM_175381 | 108899 | 39.413 | 26.1461 | 1.507414 |
| Zfp948 | NM_001002008 | 381066 | 39.3605 | 14.2814 | 2.756067 |
| Cbfb | NM_001161458 | 12400 | 38.249 | 22.8175 | 1.676301 |
| Sh3pxd2b | NM_177364 | 268396 | 38.0942 | 15.597 | 2.442406 |
| Foxp1 | NM_001197322 | 108655 | 37.492 | 18.64 | 2.011373 |
| Tbpl1 | NM_011603 | 237336 | 37.395 | 19.6405 | 1.903974 |
| Jdp2 | NM_030887 | | 35.899 | 23.8914 | 1.502591 |
| Nop2 | NM_138747 | 110109 | 35.6365 | 20.3998 | 1.746904 |
| Arid4b | NM_194262 | 94246 | 35.459 | 22.5042 | 1.575661 |
| Ahctf1 | NM_026375 | 226747 | 34.8338 | 22.1007 | 1.57614 |
| Ubp1 | NM_013699 | 22221 | 34.6254 | 17.2175 | 2.011059 |
| Klf16 | NM_078477 | 118445 | 34.0219 | 16.3998 | 2.074531 |
| Tsc22d2 | NM_001081229 | 72033 | 33.5631 | 19.7608 | 1.698469 |
| Zbtb7a | NM_010731 | 16969 | 31.2096 | 20.1255 | 1.550749 |
| Zfp655 | NM_028298 | 72611 | 30.6585 | 19.3034 | 1.588244 |
| Glis2 | NM_031184 | 83396 | 30.4773 | 12.0882 | 2.521244 |
| Kdm5b | NM_152895 | 75605 | 29.7175 | 14.2142 | 2.090691 |
| Ebf1 | NM_007897 | 13591 | 29.4058 | 11.8243 | 2.486896 |
| Tle3 | NM_001083928 | 21887 | 29.2654 | 15.6413 | 1.871034 |
| Nfatc1 | NM_001164109 | 18018 | 28.2776 | 8.30214 | 3.406062 |
| Fosl1 | NM_010235 | 14283 | 27.8538 | 7.53773 | 3.69525 |
| Zeb2 | NM_015753 | | 27.1992 | 12.2439 | 2.221449 |
| Ccnt1 | NM_009833 | 12455 | 27.0883 | 17.4627 | 1.551209 |
| Cic | NM_027882 | 71722 | 26.6656 | 15.7751 | 1.69036 |
| Spi1 | NM_011355 | 20375 | 26.3055 | 10.9818 | 2.395372 |
| Foxn2 | NM_180974 | 14236 | 26.1938 | 13.1836 | 1.986847 |
| Ell | NM_007924 | 13716 | 25.7477 | 12.916 | 1.993473 |
| Pias2 | NM_001164169 | 17344 | 24.7981 | 16.1214 | 1.53821 |
| Creb5 | NM_172728 | 231991 | 24.7953 | 6.39332 | 3.878314 |
| Prdm2 | NM_001081355 | 110593 | 24.4141 | 13.9247 | 1.753295 |
| Zfp592 | NM_178707 | 233410 | 23.6893 | 15.1421 | 1.564466 |
| Atf6b | NM_017406 | 12915 | 23.5597 | 14.8652 | 1.58489 |
| Mier3 | NM_172593 | 218613 | 22.8605 | 9.77285 | 2.339185 |
| Tle1 | NM_011599 | 21885 | 22.8279 | 13.9833 | 1.632512 |
| Zbtb1 | NM_178744 | 268564 | 22.4635 | 14.5968 | 1.538933 |
| Paxbp1 | NM_026110 | 67367 | 22.2606 | 12.3242 | 1.806251 |
| Mbd1 | NM_013594 | 17190 | 21.6506 | 14.3199 | 1.511924 |

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|--------|--------------|--------|---------|---------|----------|
| Zfp281 | NM_177643 | | 21.1754 | 13.2802 | 1.594509 |
| Tcf7l1 | NM_009332 | 21415 | 20.2872 | 9.74955 | 2.080835 |
| Cic | NM_001110132 | 71722 | 19.9599 | 12.4193 | 1.607168 |
| Nr4a2 | NM_013613 | | 19.9203 | 12.6518 | 1.574503 |
| Ank2 | NM_178655 | 109676 | 19.8309 | 8.9039 | 2.227215 |
| Rbfox2 | NM_001110828 | 93686 | 17.979 | 9.08569 | 1.978826 |
| Tcf12 | NM_001253864 | 21406 | 17.9562 | 5.00321 | 3.588936 |
| Pias2 | NM_008602 | 17344 | 17.6322 | 7.26602 | 2.426665 |
| Zfp771 | NM_177362 | 244216 | 17.313 | 9.09696 | 1.903163 |
| Tfe3 | NM_001105197 | 209446 | 17.2553 | 10.6482 | 1.62049 |
| Snip1 | NM_175246 | 76793 | 16.9048 | 11.1162 | 1.520736 |
| Tgif1 | NM_001164075 | | 15.503 | 7.96075 | 1.94743 |
| Snai1 | NM_011427 | 20613 | 15.3043 | 5.35467 | 2.858122 |
| Med26 | NM_027485 | 70625 | 14.7796 | 8.68488 | 1.701762 |
| Zfp954 | NM_172738 | 232853 | 14.3862 | 8.06866 | 1.782973 |
| Per2 | NM_011066 | 18627 | 13.9687 | 5.32057 | 2.625414 |
| Meis3 | NM_008627 | 17537 | 13.536 | 3.74311 | 3.616244 |
| Etv5 | NM_023794 | 104156 | 13.3266 | 5.35512 | 2.488572 |
| Zbtb7b | NM_009565 | | 13.27 | 5.46826 | 2.426732 |
| Irf5 | NM_012057 | | 12.6644 | 5.1685 | 2.450305 |
| Zfp9 | NM_011763 | 22750 | 12.6531 | 4.66302 | 2.713499 |
| Zfp217 | NM_001033299 | | 12.5825 | 7.0241 | 1.791333 |
| Foxp4 | NM_001110825 | 74123 | 12.5051 | 5.75662 | 2.172299 |
| Nfix | NM_001081982 | 18032 | 12.3546 | 6.42492 | 1.922919 |
| Zhx3 | NM_177263 | 320799 | 12.1506 | 5.86758 | 2.070803 |
| Zbtb43 | NM_001025594 | 71834 | 12.0128 | 7.1003 | 1.691872 |
| Hmgxb3 | NM_178277 | 106894 | 11.7887 | 7.46974 | 1.578194 |
| Zfpm2 | NM_011766 | 22762 | 11.719 | 7.43193 | 1.576845 |
| Nfia | NM_010905 | 18027 | 11.4764 | 5.81329 | 1.974166 |
| Nfatc1 | NM_198429 | 18018 | 11.4502 | 3.47308 | 3.296843 |
| Zfp263 | NM_148924 | | 11.4346 | 7.3251 | 1.561016 |
| Foxs1 | NM_010226 | 14239 | 11.3745 | 6.27427 | 1.81288 |
| Zfp142 | NM_029888 | 77264 | 11.3358 | 5.51019 | 2.057243 |
| Rfx2 | NM_009056 | 19725 | 11.136 | 4.70119 | 2.368762 |
| Gli3 | NM_008130 | 14634 | 11.1282 | 3.2228 | 3.45296 |
| Ubp1 | NM_001083319 | 22221 | 10.8852 | 6.95338 | 1.565454 |
| Hmga1 | NM_016660 | | 10.8404 | 5.35021 | 2.026163 |
| Hic1 | NM_001098203 | 15248 | 10.6408 | 3.51469 | 3.027522 |
| Rora | NM_013646 | 19883 | 10.4895 | 4.30504 | 2.436563 |
| Rbm4b | NM_025717 | 56275 | 10.4563 | 5.60586 | 1.865245 |
| Foxp4 | NM_028767 | 74123 | 10.3885 | 3.91176 | 2.65571 |
| Atf2 | NM_009715 | 11909 | 10.3877 | 6.18952 | 1.678272 |
| Cers6 | NM_172856 | 241447 | 10.1797 | 6.21017 | 1.639198 |
| Rbfox2 | NM_175387 | 93686 | 10.1746 | 3.66807 | 2.773829 |
| Zfp949 | NM_001163061 | | 9.99625 | 5.66301 | 1.765183 |
| Rara | NM_001176528 | | 9.9361 | 6.57062 | 1.512201 |

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|---------|--------------|--------|---------|---------|----------|
| Hmga2 | NM_010441 | 15364 | 9.91999 | 3.84081 | 2.582786 |
| Id4 | NM_031166 | 15904 | 9.88332 | 4.47916 | 2.206512 |
| Cebpa | NM_007678 | 12606 | 9.86411 | 2.65017 | 3.722067 |
| Bcl6 | NM_009744 | 12053 | 9.7725 | 4.87484 | 2.004681 |
| Tgif1 | NM_001164077 | | 9.75836 | 3.32841 | 2.931838 |
| Zfp110 | NM_022981 | 65020 | 9.71287 | 6.14792 | 1.579863 |
| Zxdc | NM_173002 | 80292 | 9.68052 | 6.01833 | 1.608506 |
| Irf8 | NM_008320 | 15900 | 9.65534 | 6.12981 | 1.575145 |
| Tead3 | NM_011566 | 21678 | 9.64174 | 6.40124 | 1.50623 |
| Tbx20 | NM_020496 | 57246 | 9.53625 | 2.35682 | 4.046236 |
| Cdk7 | NM_009874 | 12572 | 9.52486 | 5.44602 | 1.748958 |
| Nfic | NM_026756 | 18029 | 9.50649 | 5.39125 | 1.763318 |
| Foxc1 | NM_008592 | 17300 | 9.26307 | 4.13908 | 2.237954 |
| Ston1 | NM_029858 | 77057 | 8.20992 | 4.65716 | 1.76286 |
| Nr4a2 | NM_001139509 | | 8.19399 | 5.01869 | 1.632695 |
| Nfatc1 | NM_001164110 | 18018 | 8.01972 | 3.42084 | 2.344372 |
| Zfp281 | NM_001160251 | | 7.8365 | 4.03177 | 1.943687 |
| Zfp275 | NM_001160229 | 27081 | 7.78098 | 2.0234 | 3.845498 |
| Dmtf1 | NM_011806 | 23857 | 7.76869 | 4.07746 | 1.905277 |
| Tfe3 | NM_001105196 | 209446 | 7.70504 | 4.60229 | 1.674175 |
| Etv4 | NM_008815 | 18612 | 7.67446 | 2.74598 | 2.794798 |
| Sowahc | NM_172939 | 268301 | 7.5797 | 3.80359 | 1.992775 |
| Nfatc1 | NM_016791 | 18018 | 7.49376 | 2.80422 | 2.672315 |
| Snai2 | NM_011415 | 20583 | 7.44111 | 4.05988 | 1.83284 |
| Brwd1 | NM_145125 | 93871 | 7.27087 | 3.66995 | 1.98119 |
| Prr3 | NM_145487 | 75210 | 7.27011 | 2.72316 | 2.669733 |
| Rarg | NM_011244 | 19411 | 7.26284 | 2.61816 | 2.774025 |
| Dnajc1 | NM_007869 | | 7.02988 | 4.04294 | 1.738804 |
| Zfp747 | NM_175560 | 269997 | 6.80374 | 3.97093 | 1.713387 |
| Arnt | NM_009709 | 11863 | 6.72379 | 3.88942 | 1.728738 |
| Prrx1 | NM_011127 | 18933 | 6.68099 | 2.48775 | 2.685555 |
| Nfix | NM_010906 | 18032 | 6.62963 | 3.17767 | 2.086318 |
| Mafb | NM_010658 | 16658 | 6.56819 | 3.88658 | 1.689967 |
| Pknox1 | NM_016670 | | 6.54561 | 3.83348 | 1.707485 |
| Foxp4 | NM_001110824 | 74123 | 6.47381 | 2.50658 | 2.582726 |
| Tsc22d4 | NM_029805 | 78829 | 6.45355 | 4.19315 | 1.53907 |
| Zfp593 | NM_024215 | 68040 | 6.36571 | 3.7162 | 1.712962 |
| Hmga1 | NM_001166540 | | 6.31182 | 3.10175 | 2.034922 |
| Zbtb8a | NM_028603 | 73680 | 6.17834 | 3.95332 | 1.562823 |
| Nrf1 | NM_001164226 | 18181 | 6.16744 | 3.89325 | 1.584137 |
| Tgif1 | NM_001164074 | | 5.99712 | 2.72094 | 2.204062 |
| Etv1 | NM_007960 | 14009 | 5.98503 | 3.14622 | 1.902292 |
| Smarcc2 | NM_001114097 | 68094 | 5.9146 | 2.73863 | 2.159693 |
| Batf | NM_016767 | 53314 | 5.69885 | 2.72649 | 2.090178 |
| Thap2 | NM_025780 | 66816 | 5.65255 | 3.46129 | 1.633076 |
| Tgif1 | NM_001164076 | | 5.62385 | 3.22862 | 1.741874 |

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|---------|--------------|-----------|---------|----------|----------|
| Pias3 | NM_001165949 | 229615 | 5.61096 | 3.1189 | 1.799019 |
| Zfp449 | NM_030139 | 78619 | 5.60124 | 2.0832 | 2.688767 |
| Zfp382 | NM_001081007 | 233060 | 5.46565 | 2.55361 | 2.140362 |
| Zfp334 | NM_178411 | 228876 | 5.4084 | 3.04864 | 1.774037 |
| Hmga1 | NM_001166544 | | 5.40459 | 1.56928 | 3.443993 |
| Setbp1 | NM_053099 | 240427 | 5.13805 | 2.29603 | 2.237797 |
| Zfp57 | NM_001013745 | | 5.09511 | 3.22979 | 1.577536 |
| Pou2f1 | NM_198932 | 18986 | 5.07091 | 3.01192 | 1.683614 |
| Tfec | NM_031198 | 21426 | 5.06333 | 1.59061 | 3.183263 |
| Arid5a | NM_145996 | 214855 | 4.89053 | 2.71469 | 1.801506 |
| Ebf3 | NM_010096 | 13593 | 4.85391 | 2.99211 | 1.622236 |
| Hmga1 | NM_001166535 | | 4.70681 | 1.64514 | 2.861039 |
| Sall1 | NM_021390 | 58198 | 4.6929 | 2.33042 | 2.013757 |
| Pias2 | NM_001164168 | 17344 | 4.52373 | 2.30926 | 1.958952 |
| Tcf7l2 | NM_001142923 | 21416 | 4.40839 | 2.48064 | 1.777118 |
| Trps1 | NM_032000 | 83925 | 4.40467 | 1.91338 | 2.302036 |
| Zbtb34 | NM_001085507 | 241311 | 4.39132 | 2.7705 | 1.585028 |
| Sox11 | NM_009234 | 20666 | 4.36301 | 1.51971 | 2.870949 |
| Batf3 | NM_030060 | 381319 | 4.26611 | 2.26689 | 1.881922 |
| Arid5a | NM_001172206 | 214855 | 4.22075 | 2.56824 | 1.643441 |
| Zfp354c | NM_013922 | 30944 | 4.12466 | 1.64362 | 2.509497 |
| Nfatc4 | NM_023699 | 73181 | 4.08508 | 2.10435 | 1.941255 |
| Rbpj | NM_009035 | | 4.07563 | 1.14868 | 3.548099 |
| Klf12 | NM_010636 | 16597 | 4.0424 | 2.5253 | 1.60076 |
| Rbak | NM_001045482 | | 3.93858 | 2.16168 | 1.822 |
| Pknox2 | NM_001029838 | | 3.93757 | 0.984407 | 3.999941 |
| Zfx | NM_011768 | | 3.90621 | 2.55713 | 1.527576 |
| Zbtb34 | NM_001276332 | 241311 | 3.78792 | 2.20129 | 1.720773 |
| Zfp719 | NM_172482 | 210105 | 3.72685 | 1.76711 | 2.109008 |
| Zfp821 | NM_029468 | 75871 | 3.6825 | 2.10416 | 1.750105 |
| Sp140 | NM_001013817 | 434484 | 3.6501 | 2.23542 | 1.632848 |
| Prrx2 | NM_009116 | 20204 | 3.60261 | 2.26724 | 1.588985 |
| Zglp1 | NM_001103168 | 100009600 | 3.59492 | 1.15065 | 3.124252 |
| Tead3 | NM_001098226 | 21678 | 3.57961 | 1.20881 | 2.961268 |
| Prrx1 | NM_175686 | 18933 | 3.55285 | 1.9611 | 1.811662 |
| Phtf1 | NM_001163467 | 18685 | 3.50466 | 1.86643 | 1.877734 |
| Zfp618 | NM_028326 | 72701 | 3.43066 | 1.51005 | 2.271885 |
| Nfatc4 | NM_001168346 | 73181 | 3.31699 | 1.7703 | 1.873688 |
| Zxdc | NM_030260 | 80292 | 3.20905 | 1.79642 | 1.786358 |
| Zbtb20 | NM_019778 | | 3.15186 | 1.8558 | 1.698383 |
| Aff1 | NM_001080798 | 17355 | 2.98637 | 1.69832 | 1.758426 |
| Nr6a1 | NM_010264 | | 2.64321 | 1.19443 | 2.212947 |
| Maf | NM_001025577 | 17132 | 2.58533 | 1.60701 | 1.608783 |
| Sp110 | NM_030194 | 109032 | 2.58252 | 1.37382 | 1.87981 |
| Tcf12 | NM_001253865 | 21406 | 2.55936 | 1.40641 | 1.819782 |
| Nfatc1 | NM_001164111 | 18018 | 2.53444 | 0.999515 | 2.53567 |

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|---------------|--------------|--------|----------|----------|----------|
| Gtf2ird1 | NM_001081462 | 57080 | 2.49607 | 1.36101 | 1.833984 |
| Tcf7l2 | NM_001142921 | 21416 | 2.49193 | 0.889687 | 2.800906 |
| 9130019O22Rik | NM_030226 | 78921 | 2.46757 | 1.61402 | 1.528835 |
| Prrx1 | NM_001025570 | 18933 | 2.4516 | 0.881971 | 2.779683 |
| Tfe3 | NM_001271490 | 209446 | 2.4358 | 0.679583 | 3.584257 |
| Zbtb43 | NM_027947 | 71834 | 2.42387 | 1.11478 | 2.174303 |
| Nfatc2 | NM_001037178 | 18019 | 2.40909 | 1.10339 | 2.183353 |
| Myrf | NM_001033481 | 225908 | 2.32461 | 1.34452 | 1.728952 |
| Pias2 | NM_001164167 | 17344 | 2.20037 | 1.16691 | 1.885638 |
| Meis2 | NM_001159568 | 17536 | 2.19939 | 1.29824 | 1.694132 |
| Gtf2ird1 | NM_001081466 | 57080 | 2.11859 | 1.36158 | 1.555979 |
| Tfe3 | NM_001271491 | 209446 | 1.99557 | 0.629128 | 3.171962 |
| Zfhx3 | NM_007496 | 11906 | 1.98695 | 1.20292 | 1.651772 |
| Hic1 | NM_010430 | 15248 | 1.94635 | 0.479052 | 4.06292 |
| Nfatc1 | NM_001164112 | 18018 | 1.90882 | 1.07554 | 1.774755 |
| Fbxw7 | NM_001177774 | 50754 | 1.87279 | 0.981019 | 1.909025 |
| Tcf7l2 | NM_001142920 | 21416 | 1.87276 | 0.967056 | 1.936558 |
| Hivep3 | NM_010657 | 16656 | 1.85771 | 0.714185 | 2.601161 |
| Zfp57 | NM_001168502 | | 1.72901 | 0.692397 | 2.497137 |
| Runx1 | NM_001111023 | 12394 | 1.72672 | 0.975405 | 1.77026 |
| Arntl | NM_001243048 | 11865 | 1.70398 | 0.664889 | 2.562804 |
| Hmga1 | NM_001166542 | | 1.70075 | 0.739804 | 2.29892 |
| Irf7 | NM_016850 | 54123 | 1.60028 | 0.972672 | 1.645241 |
| Shox2 | NM_013665 | | 1.59662 | 0.570563 | 2.798324 |
| Irf9 | NM_001159418 | 16391 | 1.55269 | 0.622002 | 2.496278 |
| Ankrd2 | NM_020033 | 56642 | 1.53638 | 0.446826 | 3.43843 |
| Six2 | NM_011380 | 20472 | 1.50058 | 0.458399 | 3.273524 |
| Zfp583 | NM_001033249 | | 1.38595 | 0.372042 | 3.725251 |
| Sox8 | NM_011447 | 20681 | 1.38154 | 0.655206 | 2.108558 |
| Cbfb | NM_001161457 | 12400 | 1.35081 | 0.705421 | 1.914899 |
| Meis2 | NM_001136072 | 17536 | 1.27887 | 0.719654 | 1.777062 |
| Mllt10 | NM_001252561 | 17354 | 1.24991 | 0.781847 | 1.598663 |
| Zkscan5 | NM_001167944 | 22757 | 1.2102 | 0.480123 | 2.520604 |
| Foxf1 | NM_010426 | 15227 | 1.18605 | 0.774991 | 1.530405 |
| Gtf2ird1 | NM_001081465 | 57080 | 1.14896 | 0.759606 | 1.512574 |
| Ebf3 | NM_001113415 | 13593 | 1.14345 | 0.434595 | 2.63107 |
| Zbtb32 | NM_021397 | 58206 | 1.1421 | 0.511468 | 2.232984 |
| Glis3 | NM_175459 | 226075 | 1.13759 | 0.535841 | 2.122999 |
| Npas3 | NM_013780 | 27386 | 1.13663 | 0.253589 | 4.482174 |
| Nfia | NM_001122953 | 18027 | 1.10938 | 0.479755 | 2.312389 |
| Arnt2 | NM_007488 | 11864 | 1.10246 | 0.631829 | 1.744871 |
| Sox5 | NM_011444 | 20678 | 1.07618 | 0.259434 | 4.148184 |
| Ank1 | NM_031158 | 11733 | 1.0227 | 0.637853 | 1.603347 |
| 5730507C01Rik | NM_001033157 | 236366 | 0.957411 | 0.55832 | 1.714807 |
| Zbtb18 | NM_013915 | 30928 | 0.946895 | 0.415371 | 2.279637 |
| Nfix | NM_001081981 | 18032 | 0.944128 | 0.314004 | 3.006739 |

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|---------|--------------|--------|----------|----------|----------|
| Mkl1 | NM_153049 | 223701 | 0.932814 | 0.621833 | 1.500104 |
| Zfp956 | NM_178898 | 101197 | 0.922124 | 0.517454 | 1.782041 |
| Ebf4 | NM_001110513 | 228598 | 0.886484 | 0.41322 | 2.145308 |
| Zfp467 | NM_020589 | | 0.881545 | 0.463295 | 1.902773 |
| Tbx21 | NM_019507 | 57765 | 0.878624 | 0.458023 | 1.918297 |
| Arntl2 | NM_172309 | 272322 | 0.829393 | 0.381395 | 2.17463 |
| Camk4 | NM_009793 | 12326 | 0.82449 | 0.361065 | 2.283495 |
| Tbx6 | NM_011538 | 21389 | 0.805186 | 0.512596 | 1.5708 |
| Btbd11 | NM_028709 | 74007 | 0.803899 | 0.444007 | 1.810555 |
| Zfp219 | NM_001253696 | | 0.79624 | 0.372643 | 2.136737 |
| Foxp1 | NM_001197321 | 108655 | 0.795134 | 0.397946 | 1.998095 |
| Runx1t1 | NM_001111026 | 12395 | 0.794845 | 0.464747 | 1.710275 |
| Nr6a1 | NM_001159549 | | 0.794668 | 0.202372 | 3.926769 |
| Irf7 | NM_001252600 | 54123 | 0.794254 | 0.463817 | 1.71243 |
| Hes7 | NM_033041 | 84653 | 0.790298 | 0.462625 | 1.708291 |
| Sox5 | NM_001243163 | 20678 | 0.785465 | 0.367927 | 2.134839 |
| Runx1t1 | NM_009822 | 12395 | 0.772005 | 0.328835 | 2.347697 |
| Pias2 | NM_001164170 | 17344 | 0.734031 | 0.359083 | 2.044182 |
| Tbx1 | NM_011532 | 21380 | 0.728763 | 0.186303 | 3.911708 |
| Zkscan1 | NM_029869 | 74570 | 0.703673 | 0.461362 | 1.525208 |
| Setdb1 | NM_001163641 | 84505 | 0.687981 | 0.349944 | 1.965975 |
| Pbx4 | NM_001024954 | | 0.66819 | 0.2052 | 3.256287 |
| Dpf1 | NM_013874 | 29861 | 0.627578 | 0.238186 | 2.634823 |
| Zfp764 | NM_001167832 | 233893 | 0.596172 | 0.281206 | 2.120054 |
| Papalb | NM_019943 | 56522 | 0.566849 | 0.196051 | 2.891334 |
| Pou2f3 | NM_011139 | 18988 | 0.531441 | 0.291457 | 1.823394 |
| Zfp575 | NM_001033205 | 101544 | 0.528479 | 0.131431 | 4.020962 |
| Zfhx4 | NM_030708 | 80892 | 0.515102 | 0.176047 | 2.925935 |
| Etv1 | NM_001163154 | 14009 | 0.503602 | 0.327736 | 1.536609 |
| Crem | NM_001110857 | 12916 | 0.476076 | 0.317106 | 1.501315 |
| Runx2 | NM_001145920 | 12393 | 0.441305 | 0.15649 | 2.82002 |
| Spdef | NM_013891 | | 0.43535 | 0.186844 | 2.330019 |
| Ascl3 | NM_020051 | 56787 | 0.423238 | 0.126349 | 3.349753 |
| Neurog2 | NM_009718 | 11924 | 0.422596 | 0.094342 | 4.479409 |
| Glis1 | NM_147221 | 230587 | 0.422511 | 0.215401 | 1.961509 |
| Zfp219 | NM_001253694 | | 0.409479 | 0.173381 | 2.361729 |
| Fiz1 | NM_011813 | | 0.408358 | 0.224494 | 1.819015 |
| Tulp1 | NM_021478 | 22157 | 0.39561 | 0.152363 | 2.596497 |
| En2 | NM_010134 | 13799 | 0.388262 | 0.126149 | 3.077805 |
| Zfp839 | NM_028365 | 72805 | 0.38238 | 0.22408 | 1.706444 |
| Ankra2 | NM_001271390 | 68558 | 0.367629 | 0.232027 | 1.584423 |
| Mpl | NM_001122949 | 17480 | 0.363738 | 0.104625 | 3.476588 |
| Foxd1 | NM_008242 | 15229 | 0.35846 | 0.134861 | 2.657996 |
| Satb2 | NM_139146 | 212712 | 0.357564 | 0.237713 | 1.504184 |
| Runx3 | NM_019732 | 12399 | 0.351277 | 0.191968 | 1.829873 |
| Ehmt1 | NM_001012518 | 77683 | 0.336736 | 0.1895 | 1.776971 |

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|---------------|--------------|--------|----------|----------|----------|
| Zfp811 | NM_183177 | 240063 | 0.317164 | 0.114689 | 2.765427 |
| Runx2 | NM_001271630 | 12393 | 0.305407 | 0.138529 | 2.204643 |
| Dmrta2 | NM_172296 | 242620 | 0.293001 | 0.149488 | 1.96003 |
| Creb3l3 | NM_145365 | 208677 | 0.292404 | 0.182786 | 1.599707 |
| Tcf23 | NM_053085 | 69852 | 0.291851 | 0.189076 | 1.543564 |
| Tlx3 | NM_019916 | 27140 | 0.288554 | 0.085104 | 3.390624 |
| Pou2f2 | NM_001163556 | 18987 | 0.287769 | 0.175894 | 1.636036 |
| Cbfb | NM_001161456 | 12400 | 0.269476 | 0.130857 | 2.059317 |
| Zbtb8b | NM_153541 | 215627 | 0.267896 | 0.130036 | 2.060168 |
| Tfdp2 | NM_001184709 | 211586 | 0.258914 | 0.071881 | 3.601981 |
| Crem | NM_001271504 | 12916 | 0.246605 | 0.119978 | 2.055418 |
| Rorb | NM_001043354 | 225998 | 0.235531 | 0.101598 | 2.318264 |
| Prdm14 | NM_001081209 | 383491 | 0.227928 | 0.087663 | 2.600057 |
| Zfp2 | NM_001044697 | | 0.212189 | 0.067672 | 3.135574 |
| Onecut2 | NM_194268 | 225631 | 0.199742 | 0.060583 | 3.296981 |
| Myb | NM_001198914 | 17863 | 0.199207 | 0.077958 | 2.555302 |
| Gbx1 | NM_015739 | 231044 | 0.193062 | 0.04521 | 4.270338 |
| Bsx | NM_178245 | 244813 | 0.186436 | 0.109715 | 1.699275 |
| Sox5 | NM_001113559 | 20678 | 0.184417 | 0.048298 | 3.818355 |
| Ascl2 | NM_008554 | 17173 | 0.181661 | 0.053585 | 3.390146 |
| L3mbtl1 | NM_001081338 | 241764 | 0.181435 | 0.075338 | 2.408283 |
| Pou2f2 | NM_001163554 | 18987 | 0.173534 | 0.097726 | 1.775716 |
| Zfp239 | NM_001001792 | | 0.170403 | 0.053094 | 3.209447 |
| Aebp2 | NM_178803 | 11569 | 0.166726 | 0.098417 | 1.694084 |
| Tal2 | NM_009317 | 21350 | 0.164622 | 0.089291 | 1.843661 |
| Zfp941 | NM_001001180 | 407812 | 0.161197 | 0.090359 | 1.783972 |
| Dlx3 | NM_010055 | 13393 | 0.155245 | 0.043633 | 3.557956 |
| Onecut3 | NM_139226 | 246086 | 0.146196 | 0.081165 | 1.801218 |
| Gfi1 | NM_010278 | 14581 | 0.140205 | 0.03763 | 3.725844 |
| Nr5a1 | NM_139051 | | 0.138652 | 0.069529 | 1.994152 |
| Etv2 | NM_007959 | 14008 | 0.132888 | 0.055039 | 2.414451 |
| Runx1t1 | NM_001111027 | 12395 | 0.129559 | 0.050861 | 2.54731 |
| Irf1 | NM_001159393 | 16362 | 0.128801 | 0.081673 | 1.577031 |
| Sox15 | NM_009235 | 20670 | 0.128 | 0.049914 | 2.564416 |
| Zfp710 | NM_001146000 | 209225 | 0.127771 | 0.075797 | 1.685709 |
| Hoxd9 | NM_013555 | 15438 | 0.116778 | 0.03002 | 3.890058 |
| Pitx3 | NM_008852 | 18742 | 0.114523 | 0.039986 | 2.864106 |
| Gtf2ird1 | NM_001081468 | 57080 | 0.109101 | 0.071652 | 1.522647 |
| 4931423N10Rik | NM_027635 | 70981 | 0.10875 | 0.040432 | 2.689728 |
| Sox10 | NM_011437 | 20665 | 0.105719 | 0.049355 | 2.142012 |
| Foxd3 | NM_010425 | 15221 | 0.105575 | 0.039446 | 2.676471 |
| Cecr6 | NM_033567 | 94047 | 0.103512 | 0.05546 | 1.86642 |
| Nhlh1 | NM_010916 | 18071 | 0.103506 | 0.041671 | 2.483898 |
| Dlx2 | NM_010054 | 13392 | 0.100981 | 0.067079 | 1.505409 |
| Crx | NM_001113330 | 12951 | 0.090927 | 0.03892 | 2.336238 |
| Esr1 | NM_007956 | 13982 | 0.089249 | 0.048856 | 1.826792 |

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|---------|--------------|-----------|----------|----------|----------|
| Zscan10 | NM_001033425 | 332221 | 0.088855 | 0.030468 | 2.916329 |
| Tcf7l2 | NM_001142924 | 21416 | 0.076563 | 0.035526 | 2.155165 |
| Lhx9 | NM_010714 | 16876 | 0.069045 | 0.028639 | 2.410841 |
| Apol6 | NM_001163621 | 71939 | 0.067158 | 0.044426 | 1.511677 |
| Barx1 | NM_007526 | 12022 | 0.055025 | 0.016223 | 3.39185 |
| Dmrt2 | NM_145831 | 226049 | 0.053666 | 0.026734 | 2.007391 |
| Ascl1 | NM_008553 | 17172 | 0.052195 | 0.027733 | 1.882047 |
| Hes2 | NM_008236 | 15206 | 0.049457 | 0.01232 | 4.014302 |
| Barx2 | NM_013800 | 12023 | 0.04936 | 0.023831 | 2.071226 |
| Pax9 | NM_011041 | | 0.045342 | 0.024097 | 1.881641 |
| Lhx5 | NM_008499 | 16873 | 0.045306 | 0.018812 | 2.408289 |
| Hmx3 | NM_008257 | 15373 | 0.042582 | 0.016141 | 2.638067 |
| Hoxd1 | NM_010467 | 15429 | 0.038686 | 0.017123 | 2.259308 |
| Dbx2 | NM_207533 | 223843 | 0.038057 | 0.009192 | 4.140455 |
| Sim1 | NM_011376 | 20464 | 0.035351 | 0.013432 | 2.63182 |
| Zfp345 | NM_001034900 | 545471 | 0.034382 | 0.011421 | 3.010393 |
| Tfap2a | NM_011547 | 21418 | 0.034188 | 0.021506 | 1.589682 |
| Pou3f4 | NM_008901 | 18994 | 0.031837 | 0.01055 | 3.017563 |
| Sp9 | NM_001005343 | 381373 | 0.02749 | 0.010958 | 2.508541 |
| Onecut1 | NM_008262 | 15379 | 0.026401 | 0.017527 | 1.506282 |
| Hes3 | NM_008237 | 15207 | 0.026305 | 0.011643 | 2.259403 |
| Isl2 | NM_027397 | 104360 | 0.02596 | 0.017235 | 1.506232 |
| Arid3c | NM_001252622 | 550619 | 0.024383 | 0.012939 | 1.884464 |
| Dlx4 | NM_007867 | 13394 | 0.022041 | 0.005853 | 3.765725 |
| Pax6 | NM_001244200 | | 0.02193 | 0.009613 | 2.281403 |
| Runx1 | NM_001111022 | 12394 | 0.021112 | 0.011457 | 1.842674 |
| Spz1 | NM_030237 | 79401 | 0.02034 | 0.00675 | 3.01353 |
| Foxa3 | NM_008260 | 15377 | 0.019452 | 0.005167 | 3.764816 |
| Gm13051 | NM_001037926 | 626316 | 0.019098 | 0.010876 | 1.755951 |
| Sp7 | NM_130458 | 170574 | 0.017192 | 0.009135 | 1.882007 |
| Barhl2 | NM_001005477 | 104382 | 0.016951 | 0.009007 | 1.881964 |
| Uncx | NM_013702 | 22255 | 0.015123 | 0.010043 | 1.505845 |
| Zfp534 | NM_001127188 | 100503584 | 0.013385 | 0.003557 | 3.762679 |
| Neurod1 | NM_010894 | 18012 | 0.012508 | 0.008309 | 1.505386 |
| Emx2 | NM_010132 | 13797 | 0.011972 | 0.003976 | 3.010592 |
| Ankef1 | NM_175667 | 319196 | 0.011384 | 0.007563 | 1.505188 |
| Dmbx1 | NM_001025567 | 140477 | 0.011325 | 0.005504 | 2.057709 |
| Tfap2b | NM_009334 | 21419 | 0.008684 | 0.004505 | 1.927551 |
| Klf17 | NM_029416 | 75753 | 0.008482 | 0.002818 | 3.00936 |
| Hoxc10 | NM_010462 | 209448 | 0.008345 | 0.00554 | 1.50612 |
| Pax2 | NM_011037 | 18504 | 0.007628 | 0.003379 | 2.257461 |
| Msx3 | NM_010836 | 17703 | 0.006867 | 0.004561 | 1.5056 |
| Scrt2 | NM_001160410 | 545474 | 0.006756 | 0.002993 | 2.257156 |
| Zfp92 | NM_009566 | 22754 | 0.005204 | 0.00346 | 1.504101 |
| Fiz1 | NM_001110330 | | 0.001113 | 0.000596 | 1.867845 |
| Zfp78 | NM_001112805 | 330463 | 4.67E-06 | 2.78E-06 | 1.679856 |

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|---------|--------------|--------|----------|----------|----------|-----------|
| Myt1 | NM_001171680 | 17932 | 1.81E-06 | 6.74E-07 | 2.68546 | |
| Myt1 | NM_008665 | 17932 | 5.65E-07 | 1.32E-07 | 4.280303 | |
| Id3 | NM_008321 | 15903 | 390.511 | 278.235 | 1.403529 | CF/CM<1.5 |
| Ybx1 | NM_011732 | 22608 | 258.536 | 328.017 | 0.788179 | |
| Junb | NM_008416 | 16477 | 230.779 | 225.746 | 1.022295 | |
| Snrpb | NM_009225 | 20638 | 217.616 | 184.187 | 1.181495 | |
| Fos | NM_010234 | 14281 | 210.908 | 388.743 | 0.542538 | |
| Atf3 | NM_007498 | 11910 | 200.514 | 236.409 | 0.848166 | |
| Hmgn2 | NM_016957 | 15331 | 199.688 | 206.321 | 0.967851 | |
| Jun | NM_010591 | 16476 | 192.802 | 193.283 | 0.997511 | |
| Hnrnpab | NM_010448 | 15384 | 192.71 | 141.488 | 1.362024 | |
| Hmgb1 | NM_010439 | 15289 | 172.299 | 176.925 | 0.973853 | |
| Tsc22d1 | NM_009366 | 21807 | 170.413 | 192.304 | 0.886165 | |
| Ets1 | NM_011808 | 23871 | 162.933 | 125.055 | 1.302891 | |
| Jund | NM_010592 | 16478 | 151.262 | 110.411 | 1.36999 | |
| Ewsr1 | NM_007968 | 14030 | 147.021 | 112.431 | 1.307655 | |
| Ybx3 | NM_011733 | 56449 | 142.267 | 99.8938 | 1.424182 | |
| Rbm39 | NM_133242 | 170791 | 139.829 | 107.112 | 1.305447 | |
| Litaf | NM_019980 | 56722 | 138.91 | 146.482 | 0.948308 | |
| Nedd8 | NM_008683 | 18002 | 138.899 | 186.397 | 0.745178 | |
| Nfe2l2 | NM_010902 | 18024 | 132.354 | 119.037 | 1.111873 | |
| Plagl1 | NM_009538 | 22634 | 131.714 | 103.483 | 1.272808 | |
| Trim28 | NM_011588 | 21849 | 126.135 | 90.3083 | 1.396715 | |
| Zfp36l1 | NM_007564 | 12192 | 122.116 | 94.9008 | 1.286775 | |
| Mafk | NM_010757 | | 118.267 | 79.8894 | 1.480384 | |
| Trp53 | NM_011640 | 22059 | 116.955 | 91.2948 | 1.28107 | |
| Nr4a1 | NM_010444 | 15370 | 116.953 | 121.577 | 0.961966 | |
| Cnbp | NM_001109746 | 12785 | 114.374 | 91.477 | 1.250303 | |
| Cdk4 | NM_009870 | 12567 | 111.677 | 93.4538 | 1.194997 | |
| Sox4 | NM_009238 | 20677 | 102.256 | 93.3533 | 1.095366 | |
| Nfkb1 | NM_008689 | 18033 | 97.7402 | 87.7323 | 1.114073 | |
| Bhlhe40 | NM_011498 | 20893 | 97.6453 | 67.7574 | 1.441102 | |
| Hbp1 | NM_153198 | 73389 | 96.7212 | 117.439 | 0.823587 | |
| Dazap2 | NM_011873 | 23994 | 91.2396 | 133.147 | 0.685255 | |
| Rela | NM_009045 | 19697 | 87.2899 | 59.3763 | 1.470113 | |
| Stat3 | NM_213659 | 20848 | 86.2149 | 64.9301 | 1.327811 | |
| Bach1 | NM_007520 | 12013 | 84.4749 | 62.1366 | 1.359503 | |
| Mta2 | NM_011842 | 23942 | 83.7445 | 57.1159 | 1.46622 | |
| Nfil3 | NM_017373 | 18030 | 82.1174 | 60.0126 | 1.368336 | |
| Mbd2 | NM_010773 | 17191 | 81.0561 | 78.0348 | 1.038717 | |
| Id1 | NM_010495 | 15901 | 79.1633 | 84.3344 | 0.938683 | |
| Maz | NM_010772 | 17188 | 73.3784 | 61.3674 | 1.195723 | |
| Mef2a | NM_001033713 | 17258 | 70.879 | 84.1531 | 0.842262 | |
| Hsbp1 | NM_024219 | 68196 | 69.6817 | 92.1428 | 0.756236 | |
| Csde1 | NM_001161854 | 229663 | 68.6566 | 71.0001 | 0.966993 | |
| Nfat5 | NM_018823 | 54446 | 66.7245 | 46.0956 | 1.447524 | |

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|---------|--------------|--------|---------|---------|----------|
| Yy1 | NM_009537 | 22632 | 66.3176 | 53.518 | 1.239164 |
| Cers2 | NM_029789 | 76893 | 63.0631 | 45.3971 | 1.389144 |
| Arid5b | NM_023598 | 71371 | 62.1328 | 48.5231 | 1.280479 |
| Hmgb2 | NM_008252 | 97165 | 59.5437 | 68.7347 | 0.866283 |
| Sox7 | NM_011446 | 20680 | 58.9039 | 99.5577 | 0.591656 |
| Dek | NM_025900 | 110052 | 58.8055 | 55.6701 | 1.056321 |
| Supt4a | NM_009296 | 20922 | 57.9828 | 67.3576 | 0.86082 |
| Elf1 | NM_007920 | | 57.8846 | 40.2609 | 1.437737 |
| Fosl2 | NM_008037 | 14284 | 54.7958 | 54.2308 | 1.010418 |
| Mbd3 | NM_013595 | 17192 | 54.754 | 54.645 | 1.001995 |
| Supt5 | NM_013676 | 20924 | 53.9499 | 42.6641 | 1.264527 |
| Hnrnpab | NM_001048061 | 15384 | 53.2959 | 50.101 | 1.063769 |
| Cbx3 | NM_007624 | 12417 | 52.4214 | 62.9724 | 0.83245 |
| Elf2 | NM_023502 | | 52.3975 | 54.9076 | 0.954285 |
| Mxd4 | NM_010753 | 17122 | 52.2512 | 42.8456 | 1.219523 |
| Aff4 | NM_033565 | 93736 | 51.1897 | 37.5142 | 1.364542 |
| Aebp2 | NM_009637 | 11569 | 50.9174 | 42.5141 | 1.197659 |
| Smad4 | NM_008540 | 17128 | 50.4377 | 40.8456 | 1.234838 |
| Ldb1 | NM_001113408 | 16825 | 48.8064 | 42.9349 | 1.136754 |
| Ets2 | NM_011809 | 23872 | 48.0627 | 89.1486 | 0.53913 |
| Hif1a | NM_010431 | 15251 | 47.7356 | 55.384 | 0.861902 |
| Peg3 | NM_008817 | 18616 | 47.4078 | 32.872 | 1.442194 |
| Gata6 | NM_010258 | 14465 | 46.9819 | 48.5751 | 0.967201 |
| Zfp146 | NM_011980 | 26465 | 46.5193 | 37.3958 | 1.243971 |
| Klf10 | NM_013692 | 21847 | 45.7293 | 34.9255 | 1.309338 |
| Adnp | NM_009628 | 11538 | 45.0381 | 32.7637 | 1.374634 |
| Zdhhc5 | NM_144887 | 228136 | 44.4905 | 35.2549 | 1.261966 |
| Smarce1 | NM_020618 | 57376 | 44.4333 | 48.1164 | 0.923454 |
| Ddit3 | NM_007837 | 13198 | 44.1788 | 39.199 | 1.127039 |
| Srf | NM_020493 | 20807 | 43.9669 | 49.2773 | 0.892234 |
| Gata4 | NM_008092 | 14463 | 43.4999 | 50.1872 | 0.866753 |
| Mafg | NM_010756 | 17134 | 43.0358 | 35.4609 | 1.213613 |
| Baz1b | NM_011714 | 22385 | 42.5946 | 33.1612 | 1.284471 |
| Zbtb2 | NM_001033466 | 381990 | 42.0283 | 31.3421 | 1.340954 |
| Vezf1 | NM_016686 | 22344 | 40.9223 | 31.4438 | 1.301443 |
| Nfe2l1 | NM_001130450 | 18023 | 40.2376 | 62.1449 | 0.64748 |
| Zfp664 | NM_001081750 | 269704 | 39.0151 | 44.3264 | 0.880178 |
| Creb3 | NM_013497 | 12913 | 38.4674 | 30.5705 | 1.258318 |
| Arid1a | NM_001080819 | 93760 | 38.0437 | 32.1609 | 1.182918 |
| Lbh | NM_029999 | 77889 | 37.8633 | 126.391 | 0.299573 |
| Atf1 | NM_007497 | 11908 | 36.7565 | 28.3942 | 1.294507 |
| Hes1 | NM_008235 | 15205 | 36.489 | 33.1648 | 1.100233 |
| Mef2d | NM_133665 | 17261 | 36.3282 | 40.4387 | 0.898352 |
| Med4 | NM_026119 | 67381 | 36.281 | 27.8762 | 1.301505 |
| Thra | NM_178060 | 21833 | 36.1915 | 44.2697 | 0.817523 |
| Taf10 | NM_020024 | 24075 | 35.091 | 46.7972 | 0.749853 |

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|---------|--------------|--------|---------|---------|----------|
| Nfkb2 | NM_001177369 | | 34.8782 | 31.3537 | 1.112411 |
| Epas1 | NM_010137 | 13819 | 34.8117 | 64.2346 | 0.541946 |
| Cdk2 | NM_016756 | 12566 | 34.7781 | 24.8768 | 1.398013 |
| Cers5 | NM_028015 | 71949 | 34.341 | 25.6636 | 1.338121 |
| Zmiz1 | NM_183208 | 328365 | 34.1914 | 34.6586 | 0.98652 |
| Nr1d2 | NM_011584 | 353187 | 33.7115 | 31.3904 | 1.073943 |
| Meox1 | NM_010791 | 17285 | 33.6292 | 32.8055 | 1.025109 |
| Tead2 | NM_011565 | 21677 | 33.3273 | 29.8723 | 1.115659 |
| Cdc5l | NM_152810 | 71702 | 33.076 | 29.1059 | 1.136402 |
| Bcl6b | NM_007528 | 12029 | 32.9222 | 49.1239 | 0.670187 |
| Zfp91 | NM_053009 | 109910 | 32.5808 | 37.6652 | 0.865011 |
| Smad7 | NM_001042660 | 17131 | 32.1034 | 24.9865 | 1.28483 |
| Relb | NM_009046 | 19698 | 31.8927 | 35.0849 | 0.909015 |
| Elf4 | NM_019680 | | 31.6625 | 21.2652 | 1.488935 |
| Nr3c1 | NM_008173 | | 31.1777 | 28.1708 | 1.106738 |
| Srebf2 | NM_033218 | 20788 | 31.1546 | 28.4129 | 1.096495 |
| Eed | NM_021876 | 13626 | 30.7219 | 26.2359 | 1.170987 |
| Tardbp | NM_145556 | 230908 | 30.5596 | 22.2532 | 1.373268 |
| Nr1h2 | NM_009473 | 22260 | 30.535 | 27.3817 | 1.115161 |
| Phf2 | NM_011078 | 18676 | 30.1832 | 22.9275 | 1.316463 |
| Mta1 | NM_054081 | 116870 | 29.8856 | 22.107 | 1.351861 |
| Dpf2 | NM_011262 | 19708 | 29.5461 | 29.5616 | 0.999476 |
| Nfyc | NM_008692 | | 28.8789 | 32.5635 | 0.886849 |
| Prkrir | NM_028410 | 72981 | 28.8398 | 30.9746 | 0.931079 |
| Mier1 | NM_001039081 | | 28.6221 | 23.5031 | 1.217801 |
| Tcf4 | NM_001083967 | 21413 | 28.6201 | 37.4843 | 0.763522 |
| Hmgb3 | NM_008253 | | 28.3395 | 53.9857 | 0.524945 |
| Nr1d1 | NM_145434 | 217166 | 28.1226 | 46.0969 | 0.610076 |
| Hcfc1 | NM_008224 | 15161 | 27.9625 | 24.4374 | 1.14425 |
| Naa15 | NM_053089 | 74838 | 27.8815 | 20.7508 | 1.343635 |
| Phf5a | NM_026737 | 68479 | 27.6073 | 24.6951 | 1.117926 |
| Ruvbl1 | NM_019685 | 56505 | 26.8153 | 22.094 | 1.213691 |
| Erg | NM_133659 | 13876 | 26.805 | 56.4757 | 0.474629 |
| Sox18 | NM_009236 | 20672 | 26.6702 | 70.2101 | 0.379863 |
| Mcm3 | NM_008563 | 17215 | 26.621 | 24.093 | 1.104927 |
| Sub1 | NM_011294 | 20024 | 26.3611 | 29.9135 | 0.881244 |
| E2f4 | NM_148952 | 104394 | 26.2658 | 26.3904 | 0.995279 |
| Ep300 | NM_177821 | 328572 | 26.2393 | 21.8294 | 1.202017 |
| Gatad2b | NM_139304 | 229542 | 25.9478 | 24.3263 | 1.066656 |
| Kdm5c | NM_013668 | 20591 | 25.9405 | 27.6991 | 0.936511 |
| Irf1 | NM_008390 | 16362 | 25.8553 | 34.0846 | 0.758563 |
| Irf2 | NM_008391 | 16363 | 25.8253 | 27.5968 | 0.935808 |
| Rere | NM_001085492 | 68703 | 25.3789 | 19.9405 | 1.272731 |
| Ccnk | NM_009832 | 12454 | 25.294 | 17.337 | 1.458961 |
| Fem1c | NM_173423 | 240263 | 25.175 | 25.4284 | 0.990035 |
| Cebpg | NM_009884 | 12611 | 25.1489 | 19.6772 | 1.278073 |

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|---------|--------------|--------|---------|---------|----------|
| Ssrp1 | NM_001136081 | | 25.0894 | 23.294 | 1.077076 |
| Elk3 | NM_013508 | 13713 | 24.8842 | 32.9171 | 0.755966 |
| Klf13 | NM_021366 | 50794 | 24.5726 | 22.7628 | 1.079507 |
| Ssbp4 | NM_133772 | 76900 | 24.5482 | 25.5741 | 0.959885 |
| Sp3 | NM_001098425 | 20687 | 24.5049 | 19.0438 | 1.286765 |
| Tsc22d4 | NM_023910 | 78829 | 24.2241 | 46.2422 | 0.523853 |
| Sra1 | NM_025291 | 24068 | 23.9617 | 21.6962 | 1.104419 |
| Rcor1 | NM_198023 | 217864 | 23.7084 | 19.9674 | 1.187355 |
| Mlxip | NM_133917 | 208104 | 23.3507 | 15.6553 | 1.491552 |
| Atf6 | NM_001081304 | 226641 | 23.1255 | 21.8179 | 1.059932 |
| Prdm4 | NM_181650 | 72843 | 23.0051 | 15.6933 | 1.465919 |
| Nfe2l1 | NM_008686 | 18023 | 22.9505 | 26.7527 | 0.857876 |
| Thap11 | NM_021513 | 59016 | 22.6299 | 22.319 | 1.01393 |
| Max | NM_001146176 | 17187 | 22.5874 | 17.7135 | 1.275152 |
| Zfp260 | NM_011981 | 26466 | 22.3926 | 17.3298 | 1.292144 |
| Ctcf | NM_181322 | 13018 | 22.1473 | 23.2696 | 0.95177 |
| Ssrp1 | NM_182990 | | 22.0492 | 24.1242 | 0.913987 |
| Nr2f6 | NM_010150 | 13864 | 21.8826 | 23.4702 | 0.932357 |
| Ddx54 | NM_028041 | 71990 | 21.8735 | 19.4956 | 1.121971 |
| Otud4 | NM_001256033 | 73945 | 21.5508 | 19.0508 | 1.131228 |
| Foxj3 | NM_172699 | 230700 | 21.4239 | 19.9581 | 1.073444 |
| Zeb1 | NM_011546 | 21417 | 21.2371 | 20.6545 | 1.028207 |
| Sp1 | NM_013672 | 20683 | 21.0722 | 21.0838 | 0.99945 |
| Cdip1 | NM_025670 | | 20.9941 | 29.8131 | 0.70419 |
| Gtf2b | NM_145546 | 229906 | 20.9249 | 32.0484 | 0.652916 |
| Foxo1 | NM_019739 | 56458 | 20.9212 | 33.5785 | 0.623053 |
| Zfp367 | NM_175494 | 238673 | 20.8346 | 19.5858 | 1.06376 |
| Ubtf | NM_001044383 | 21429 | 20.7403 | 17.6213 | 1.177002 |
| Zfp207 | NM_001130170 | 22680 | 20.714 | 15.0348 | 1.377737 |
| Clock | NM_007715 | 12753 | 20.6322 | 16.2093 | 1.272862 |
| Cebpz | NM_001024806 | 12607 | 20.6091 | 15.9577 | 1.291483 |
| Foxk2 | NM_001080932 | 68837 | 20.5526 | 15.4468 | 1.330541 |
| Tcf12 | NM_011544 | 21406 | 20.5207 | 19.3438 | 1.060841 |
| Usf1 | NM_009480 | | 20.3313 | 23.5442 | 0.863538 |
| Ehmt2 | NM_147151 | 110147 | 20.29 | 14.2437 | 1.424489 |
| Smad3 | NM_016769 | 17127 | 20.1035 | 14.1092 | 1.42485 |
| Baz2a | NM_054078 | 116848 | 20.0907 | 15.9447 | 1.260024 |
| Tcf4 | NM_013685 | 21413 | 19.9257 | 21.7647 | 0.915505 |
| Hand2 | NM_010402 | 15111 | 19.9067 | 20.9529 | 0.950069 |
| Hdac5 | NM_010412 | 15184 | 19.8887 | 23.1995 | 0.85729 |
| Gabpa | NM_008065 | 14390 | 19.5899 | 21.6249 | 0.905896 |
| Tox4 | NM_023434 | 268741 | 19.4176 | 16.7026 | 1.16255 |
| Gatad1 | NM_026033 | 67210 | 19.0617 | 24.5903 | 0.775172 |
| Zfp787 | NM_001013012 | 67109 | 18.7975 | 14.3432 | 1.310551 |
| Drg1 | NM_007879 | 13494 | 18.7436 | 34.0359 | 0.550701 |
| Cux1 | NM_198602 | 13047 | 18.7147 | 18.7629 | 0.997431 |

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|---------|--------------|--------|---------|---------|----------|
| Rest | NM_011263 | | 18.6874 | 15.7184 | 1.188887 |
| Hsf1 | NM_008296 | 15499 | 18.5833 | 16.9356 | 1.097292 |
| Trp53 | NM_001127233 | 22059 | 18.523 | 15.1529 | 1.222406 |
| Mcm4 | NM_008565 | 17217 | 18.4016 | 13.8036 | 1.333102 |
| Sp3 | NM_001018042 | 20687 | 18.2479 | 18.5004 | 0.986352 |
| Gata2 | NM_008090 | | 18.1958 | 21.5409 | 0.844709 |
| Stag1 | NM_009282 | 20842 | 17.8958 | 15.3797 | 1.163599 |
| Mxd1 | NM_010751 | 17119 | 17.8955 | 15.9044 | 1.125192 |
| Zfp191 | NM_021559 | 59057 | 17.7649 | 18.0871 | 0.982186 |
| Arid2 | NM_175251 | 77044 | 17.6446 | 17.2056 | 1.025515 |
| Baz2b | NM_001001182 | 407823 | 17.59 | 11.769 | 1.494604 |
| Smarcc1 | NM_009211 | 20588 | 17.4904 | 15.65 | 1.117597 |
| Acyp2 | NM_029344 | 75572 | 17.466 | 39.1696 | 0.445907 |
| Hsf2 | NM_008297 | 15500 | 17.4065 | 17.4321 | 0.998531 |
| Tmpo | NM_001080129 | 21917 | 17.2745 | 23.8273 | 0.724988 |
| Nfib | NM_008687 | 18028 | 17.2337 | 16.9622 | 1.016006 |
| Smad5 | NM_008541 | | 17.1929 | 15.6617 | 1.097767 |
| Aebp2 | NM_001005605 | 11569 | 17.076 | 12.9599 | 1.317603 |
| Arnt | NM_001037737 | 11863 | 17.072 | 11.6482 | 1.465634 |
| Rab11b | NM_008997 | 19326 | 16.7659 | 24.3998 | 0.687133 |
| Smad6 | NM_008542 | 17130 | 16.7626 | 23.7268 | 0.706484 |
| Med20 | NM_020048 | 56771 | 16.6494 | 15.7499 | 1.057111 |
| Foxj2 | NM_021899 | 60611 | 16.5171 | 14.2439 | 1.159591 |
| Fli1 | NM_008026 | 14247 | 16.3788 | 26.099 | 0.627564 |
| E2f6 | NM_033270 | 50496 | 16.3748 | 15.8655 | 1.032101 |
| Etv3 | NM_001083318 | 27049 | 16.3548 | 11.5229 | 1.41933 |
| Nfya | NM_001110832 | 18044 | 16.3289 | 12.2656 | 1.331276 |
| Mcm5 | NM_008566 | 17218 | 16.3195 | 18.8794 | 0.864408 |
| Pbx3 | NM_016768 | 18516 | 16.3146 | 12.3613 | 1.319813 |
| Klf11 | NM_178357 | 194655 | 16.2697 | 21.7846 | 0.746844 |
| Cbfb | NM_022309 | 12400 | 16.2663 | 13.8714 | 1.17265 |
| Nr4a3 | NM_015743 | 18124 | 16.0984 | 14.5421 | 1.10702 |
| Hdgfrp2 | NM_008233 | 15193 | 15.9703 | 17.9985 | 0.887313 |
| Stat3 | NM_213660 | 20848 | 15.853 | 13.1222 | 1.208105 |
| Irf2bp1 | NM_178757 | 272359 | 15.8452 | 14.2166 | 1.114556 |
| Rexo4 | NM_207234 | 227656 | 15.8393 | 13.0953 | 1.209541 |
| Gmeb2 | NM_198169 | 229004 | 15.8382 | 11.954 | 1.324929 |
| Elk4 | NM_007923 | 13714 | 15.8314 | 13.2899 | 1.191235 |
| Sox13 | NM_011439 | | 15.4416 | 13.0453 | 1.183691 |
| Nelfa | NM_011914 | 24116 | 15.427 | 11.5087 | 1.340464 |
| Zbtb10 | NM_177660 | 229055 | 15.3896 | 11.7092 | 1.314317 |
| Klf7 | NM_033563 | 93691 | 15.3217 | 15.2799 | 1.002736 |
| Kank2 | NM_145611 | 235041 | 15.2016 | 15.6644 | 0.970455 |
| Ccnt2 | NM_028399 | 72949 | 15.1944 | 14.5666 | 1.043099 |
| Tef | NM_017376 | 21685 | 15.1341 | 14.3627 | 1.053709 |
| Lmo2 | NM_001142335 | 16909 | 14.9455 | 17.0621 | 0.875947 |

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|-----------|--------------|--------|---------|---------|----------|
| Tulp4 | NM_054040 | 68842 | 14.7068 | 12.3031 | 1.195374 |
| Zzz3 | NM_001080755 | 108946 | 14.7025 | 12.7842 | 1.150052 |
| Bcl3 | NM_033601 | 12051 | 14.6995 | 17.6618 | 0.832276 |
| Tcf12 | NM_001253862 | 21406 | 14.6383 | 13.9855 | 1.046677 |
| Tgif2 | NM_173396 | 228839 | 14.631 | 12.2513 | 1.194241 |
| Pias4 | NM_021501 | 59004 | 14.4101 | 14.6913 | 0.980859 |
| Pbxip1 | NM_146131 | 229534 | 14.3153 | 23.5902 | 0.606832 |
| Zfp410 | NM_144833 | 52708 | 14.1038 | 14.4782 | 0.97414 |
| Etv6 | NM_007961 | | 14.0978 | 17.7693 | 0.79338 |
| Pias1 | NM_019663 | 56469 | 14.0525 | 11.2351 | 1.250768 |
| Wt1 | NM_144783 | 22431 | 14.0437 | 17.4543 | 0.804598 |
| Hmg20a | NM_025812 | 66867 | 13.9522 | 15.0856 | 0.924869 |
| Mnt | NM_010813 | 17428 | 13.9417 | 13.4927 | 1.033277 |
| Csde1 | NM_144901 | 229663 | 13.9274 | 18.0221 | 0.772796 |
| Kdm5a | NM_145997 | 214899 | 13.8701 | 12.159 | 1.140727 |
| Ppard | NM_011145 | 19015 | 13.865 | 15.228 | 0.910494 |
| Zfp335 | NM_199027 | 329559 | 13.8241 | 13.2566 | 1.042809 |
| Foxo4 | NM_018789 | 54601 | 13.7219 | 16.0359 | 0.855699 |
| Rara | NM_009024 | | 13.7156 | 11.2744 | 1.216526 |
| Nfe2l1 | NM_001130452 | 18023 | 13.6727 | 13.0474 | 1.047925 |
| Zfp871 | NM_172458 | 208292 | 13.6721 | 10.7881 | 1.267332 |
| Fiz1 | NM_001110329 | | 13.6629 | 12.8442 | 1.063741 |
| Tead1 | NM_001166585 | 21676 | 13.6386 | 15.1792 | 0.898506 |
| Rfx7 | NM_001033536 | 319758 | 13.3606 | 11.3346 | 1.178745 |
| Foxn3 | NM_183186 | | 13.3484 | 10.4538 | 1.276895 |
| Aff1 | NM_133919 | 17355 | 13.2744 | 12.1962 | 1.088405 |
| Ube2w | NM_025773 | 66799 | 13.144 | 9.33352 | 1.408258 |
| Zfp384 | NM_175557 | 269800 | 13.1206 | 11.5694 | 1.134078 |
| Hivep1 | NM_007772 | 110521 | 13.1177 | 12.8486 | 1.020944 |
| Plagl2 | NM_018807 | 54711 | 13.0584 | 9.28691 | 1.406108 |
| Whsc1 | NM_001081102 | 107823 | 13.0433 | 9.23046 | 1.413072 |
| Nfkb2 | NM_019408 | | 12.9982 | 11.6059 | 1.119965 |
| Atf2 | NM_001025093 | 11909 | 12.9932 | 10.4526 | 1.243059 |
| Erc2 | NM_007949 | 13871 | 12.8972 | 8.72996 | 1.477349 |
| E2f3 | NM_010093 | 13557 | 12.8789 | 8.65094 | 1.488728 |
| Thap4 | NM_025920 | 67026 | 12.8337 | 15.2508 | 0.84151 |
| Jarid2 | NM_001205043 | | 12.8141 | 9.54525 | 1.342458 |
| Arid4a | NM_001081195 | 238247 | 12.7406 | 10.3828 | 1.227087 |
| Stat6 | NM_009284 | 20852 | 12.6898 | 16.9266 | 0.749696 |
| Ubtf | NM_011551 | 21429 | 12.5406 | 13.4384 | 0.933191 |
| Foxm1 | NM_008021 | 14235 | 12.517 | 9.19229 | 1.361685 |
| Mecom | NM_007963 | 14013 | 12.4719 | 10.3527 | 1.2047 |
| Mcm2 | NM_008564 | 17216 | 12.4706 | 16.4179 | 0.759573 |
| Zfp46 | NM_009557 | 22704 | 12.4399 | 13.0966 | 0.949857 |
| Kidins220 | NM_001081378 | 77480 | 12.422 | 14.5407 | 0.854292 |
| Crem | NM_001110855 | 12916 | 12.3983 | 10.7251 | 1.156008 |

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|----------|--------------|--------|---------|---------|----------|
| Zfp362 | NM_001081098 | 230761 | 12.3872 | 12.8617 | 0.963108 |
| Dmtf1 | NM_001110327 | 23857 | 12.3287 | 8.57975 | 1.436953 |
| Nfya | NM_010913 | 18044 | 12.3131 | 9.10722 | 1.352015 |
| Dnajc2 | NM_009584 | 22791 | 12.3105 | 17.27 | 0.712826 |
| Rxra | NM_011305 | 20181 | 12.288 | 12.2348 | 1.004348 |
| Zfpm1 | NM_009569 | 22761 | 12.2611 | 13.0304 | 0.940961 |
| Zbed4 | NM_181412 | 223773 | 12.1453 | 10.3956 | 1.168312 |
| Gtf2i | NM_001080749 | 14886 | 12.1387 | 16.4728 | 0.736894 |
| Taf6l | NM_026325 | 225895 | 12.1115 | 8.43252 | 1.436285 |
| Pbx2 | NM_017463 | 18515 | 12.0844 | 15.9953 | 0.755497 |
| Etv3 | NM_012051 | 27049 | 12.0194 | 10.1482 | 1.184387 |
| Rps6ka4 | NM_019924 | 56613 | 11.9602 | 8.25643 | 1.448592 |
| Mga | NM_013720 | 29808 | 11.9475 | 8.98802 | 1.329269 |
| Hey1 | NM_010423 | 15213 | 11.9384 | 19.4542 | 0.613667 |
| Taf4a | NM_001081092 | 228980 | 11.8214 | 11.1961 | 1.05585 |
| Smad2 | NM_010754 | 17126 | 11.762 | 9.43153 | 1.247094 |
| Ncor1 | NM_001252313 | 20185 | 11.7284 | 13.1361 | 0.892837 |
| Gtf2i | NM_010365 | 14886 | 11.6677 | 21.892 | 0.532966 |
| Zfx | NM_001044386 | | 11.6311 | 9.37837 | 1.240205 |
| Zfp513 | NM_175311 | 101023 | 11.6073 | 10.1531 | 1.143227 |
| Arid5a | NM_001172205 | 214855 | 11.591 | 8.06875 | 1.43653 |
| Wiz | NM_212438 | 22404 | 11.5833 | 9.83513 | 1.177748 |
| Terf2 | NM_009353 | 21750 | 11.4345 | 9.79519 | 1.167359 |
| Tsc22d1 | NM_207652 | 21807 | 11.4289 | 10.3433 | 1.104957 |
| Smarcc2 | NM_198160 | 68094 | 11.3536 | 16.119 | 0.704361 |
| Dedd2 | NM_207677 | 67379 | 11.2917 | 12.4825 | 0.904602 |
| Tbx18 | NM_023814 | 76365 | 11.1436 | 7.7385 | 1.440021 |
| Zcchc8 | NM_027494 | 70650 | 11.094 | 10.1474 | 1.093285 |
| Rbm4 | NM_009032 | 56275 | 11.0776 | 8.53593 | 1.297761 |
| Bmi1 | NM_007552 | 12151 | 11.0337 | 16.473 | 0.669805 |
| Zfp777 | NM_001081382 | | 11.0259 | 8.35071 | 1.320355 |
| Zfp180 | NM_001045486 | 210135 | 11.0247 | 11.357 | 0.970741 |
| Pbrm1 | NM_001081251 | 66923 | 10.9823 | 13.6245 | 0.80607 |
| Ankrd54 | NM_144849 | 223690 | 10.9688 | 8.15322 | 1.345334 |
| Hlx | NM_008250 | 15284 | 10.9141 | 24.4944 | 0.445575 |
| Mynn | NM_030557 | 80732 | 10.9043 | 9.92401 | 1.09878 |
| Nfatc3 | NM_010901 | 18021 | 10.8725 | 11.1792 | 0.972565 |
| Rnf14 | NM_020012 | 56736 | 10.867 | 22.5173 | 0.482607 |
| Otud4 | NM_001081164 | 73945 | 10.7819 | 9.17823 | 1.174725 |
| Fbxw7 | NM_001177773 | 50754 | 10.7744 | 9.16697 | 1.17535 |
| Zfp212 | NM_145576 | 232784 | 10.7411 | 9.69236 | 1.108203 |
| Foxo3 | NM_019740 | | 10.736 | 11.4935 | 0.934093 |
| Zfp868 | NM_172754 | 234362 | 10.7124 | 7.44649 | 1.438584 |
| Zkscan17 | NM_172941 | 268417 | 10.6417 | 12.4795 | 0.852734 |
| Brwd1 | NM_001103179 | 93871 | 10.6332 | 10.017 | 1.061515 |
| Med24 | NM_011869 | 23989 | 10.5202 | 13.19 | 0.797589 |

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|----------|--------------|--------|---------|---------|----------|
| Taf7 | NM_175770 | 24074 | 10.4661 | 15.852 | 0.660238 |
| Ankib1 | NM_001003909 | 70797 | 10.4313 | 8.72068 | 1.196157 |
| Hinfp | NM_172162 | 102423 | 10.4234 | 7.41984 | 1.404801 |
| Cnbp | NM_001109745 | 12785 | 10.4018 | 10.2585 | 1.013969 |
| Rel | NM_009044 | 19696 | 10.3764 | 9.07894 | 1.142909 |
| Zdhhc16 | NM_023740 | 74168 | 10.3299 | 9.5474 | 1.081959 |
| Rfx1 | NM_009055 | 19724 | 10.32 | 7.26239 | 1.42102 |
| Ankfy1 | NM_009671 | 11736 | 10.3047 | 10.4548 | 0.985643 |
| Zfp568 | NM_001167872 | 243905 | 10.2805 | 13.7509 | 0.747624 |
| Mkl1 | NM_001082536 | 223701 | 10.2265 | 7.08817 | 1.442756 |
| Zfp715 | NM_027264 | | 10.1925 | 7.18904 | 1.417783 |
| Ncor2 | NM_001253904 | 20602 | 10.1775 | 8.81458 | 1.154621 |
| Hira | NM_010435 | 15260 | 10.1757 | 11.0174 | 0.923603 |
| Ilf3 | NM_010561 | 16201 | 10.0627 | 10.2411 | 0.98258 |
| Ercc3 | NM_133658 | 13872 | 10.0386 | 12.9603 | 0.774565 |
| Srebf1 | NM_011480 | 20787 | 10.018 | 10.106 | 0.991292 |
| Hmg20b | NM_001163166 | 15353 | 10.007 | 12.2785 | 0.815002 |
| Med17 | NM_144933 | 234959 | 9.98915 | 9.07837 | 1.100324 |
| Ldb1 | NM_010697 | 16825 | 9.93076 | 8.33939 | 1.190826 |
| Adnp2 | NM_175028 | 240442 | 9.91924 | 6.87551 | 1.442692 |
| Tcf3 | NM_001164151 | 21423 | 9.89228 | 14.5456 | 0.680087 |
| Tfam | NM_009360 | 21780 | 9.87524 | 9.51121 | 1.038274 |
| Zfp644 | NM_026856 | 52397 | 9.86356 | 11.353 | 0.868806 |
| Trib3 | NM_175093 | 228775 | 9.77954 | 11.7613 | 0.831502 |
| Rnf14 | NM_001164622 | 56736 | 9.75568 | 13.9205 | 0.700814 |
| Nfic | NM_008688 | 18029 | 9.68532 | 12.0948 | 0.800784 |
| Hhex | NM_008245 | 15242 | 9.67764 | 25.1849 | 0.384264 |
| Zfp148 | NM_011749 | 22661 | 9.66769 | 9.65382 | 1.001437 |
| Stat3 | NM_011486 | 20848 | 9.66514 | 10.2234 | 0.945394 |
| Zfp800 | NM_001081678 | | 9.65752 | 6.90602 | 1.398421 |
| Zhx1 | NM_009572 | | 9.63107 | 7.46443 | 1.290262 |
| Helz | NM_198298 | 78455 | 9.58501 | 8.47536 | 1.130927 |
| E2f1 | NM_007891 | 13555 | 9.57793 | 10.0515 | 0.952886 |
| Zfp358 | NM_080461 | 140482 | 9.57726 | 13.5532 | 0.706642 |
| Kat7 | NM_001195003 | 217127 | 9.31537 | 9.64413 | 0.965911 |
| Zbtb46 | NM_027656 | 72147 | 9.27712 | 8.54901 | 1.085169 |
| Zfp445 | NM_173364 | 235682 | 9.26102 | 10.1646 | 0.911105 |
| Hipk2 | NM_010433 | 15258 | 9.25033 | 8.86655 | 1.043284 |
| Mphosph8 | NM_023773 | 75339 | 9.24648 | 9.22865 | 1.001932 |
| Hmbbox1 | NM_177338 | 219150 | 9.24102 | 10.1752 | 0.908191 |
| Nsd1 | NM_008739 | 18193 | 9.19449 | 9.94102 | 0.924904 |
| Lmo2 | NM_008505 | 16909 | 9.17498 | 10.2513 | 0.895006 |
| Foxk1 | NM_199068 | 17425 | 9.16312 | 10.6817 | 0.857833 |
| Tshz1 | NM_001081300 | 110796 | 9.15668 | 10.9547 | 0.835868 |
| Zbtb17 | NM_009541 | 22642 | 9.13645 | 9.94496 | 0.918702 |
| Nfxl1 | NM_133921 | 100978 | 9.13178 | 6.92818 | 1.318063 |

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|----------|--------------|--------|---------|---------|----------|
| Htatsf1 | NM_029371 | 72459 | 9.1248 | 9.40864 | 0.969832 |
| Irf9 | NM_008394 | 16391 | 9.11327 | 8.55096 | 1.06576 |
| Aes | NM_001276288 | 14797 | 9.1008 | 17.9756 | 0.506286 |
| Pbx1 | NM_183355 | 18514 | 9.05134 | 9.78733 | 0.924802 |
| Preb | NM_016703 | 50907 | 9.00666 | 8.13031 | 1.107788 |
| Smarcb1 | NM_001161853 | 20587 | 9.0018 | 11.9151 | 0.755495 |
| Hopx | NM_001159900 | | 8.96105 | 88.1666 | 0.101638 |
| Zfp637 | NM_177684 | | 8.89868 | 11.8693 | 0.749722 |
| Zfp384 | NM_001252083 | 269800 | 8.81758 | 7.5784 | 1.163515 |
| Zfp646 | NM_172749 | 233905 | 8.75921 | 8.52911 | 1.026978 |
| Zfp219 | NM_001253695 | | 8.72498 | 10.4933 | 0.831481 |
| Hdac5 | NM_001077696 | 15184 | 8.69707 | 9.8176 | 0.885865 |
| Hmg20b | NM_010440 | 15353 | 8.5802 | 15.8325 | 0.541936 |
| Arid1b | NM_001085355 | 239985 | 8.53089 | 6.84312 | 1.246637 |
| Dcp1a | NM_133761 | 75901 | 8.51824 | 7.08373 | 1.202508 |
| Ints12 | NM_027927 | 71793 | 8.49311 | 6.45777 | 1.315177 |
| Bcor | NM_029510 | 71458 | 8.46569 | 9.62187 | 0.879838 |
| Xbp1 | NM_001271730 | 22433 | 8.45557 | 8.23583 | 1.026681 |
| Zbtb21 | NM_001081685 | 114565 | 8.41417 | 5.61359 | 1.498893 |
| Tfeb | NM_001161722 | | 8.24893 | 11.6847 | 0.70596 |
| Klf5 | NM_009769 | 12224 | 8.10284 | 19.0365 | 0.425648 |
| Phf8 | NM_001113354 | 320595 | 8.06419 | 6.39795 | 1.260433 |
| Zfp143 | NM_009281 | 20841 | 8.0337 | 9.01223 | 0.891422 |
| Ralgapa1 | NM_001112714 | 56784 | 8.0216 | 10.7329 | 0.747384 |
| Terf1 | NM_009352 | 21749 | 7.98741 | 7.54595 | 1.058503 |
| Smarca4 | NM_011417 | 20586 | 7.84391 | 7.71049 | 1.017304 |
| Zfp623 | NM_030199 | 78834 | 7.84161 | 5.88228 | 1.33309 |
| Meox2 | NM_008584 | 17286 | 7.83565 | 15.7689 | 0.496905 |
| Tada2b | NM_001170454 | 231151 | 7.81545 | 7.57897 | 1.031202 |
| Zfp516 | NM_001177464 | | 7.77241 | 7.07636 | 1.098363 |
| Zfp652 | NM_201609 | 268469 | 7.76721 | 6.93048 | 1.120732 |
| Deaf1 | NM_016874 | 54006 | 7.67397 | 6.4729 | 1.185554 |
| Ehmt1 | NM_172545 | 77683 | 7.63732 | 9.82745 | 0.777142 |
| E4f1 | NM_007893 | 13560 | 7.61444 | 7.79942 | 0.976283 |
| Zfp521 | NM_145492 | 225207 | 7.58335 | 8.65908 | 0.875769 |
| Zfp768 | NM_146202 | 233890 | 7.5246 | 11.971 | 0.628569 |
| Nfx1 | NM_023739 | 74164 | 7.47213 | 8.39573 | 0.889992 |
| Map3k7cl | NM_144854 | 224419 | 7.44282 | 5.39621 | 1.379268 |
| Brwd1 | NM_176928 | 93871 | 7.41097 | 11.5043 | 0.644191 |
| Zfp319 | NM_024467 | 79233 | 7.39948 | 7.61035 | 0.972292 |
| Zfp654 | NM_028059 | 72020 | 7.37417 | 6.12045 | 1.204841 |
| Zscan25 | NM_001081431 | 666311 | 7.33515 | 6.6793 | 1.098191 |
| E2f5 | NM_007892 | 13559 | 7.32511 | 5.25403 | 1.394189 |
| Zfp651 | NM_001166644 | 270210 | 7.31428 | 8.53222 | 0.857254 |
| Zbtb44 | NM_001115130 | 235132 | 7.25077 | 5.59422 | 1.296118 |
| Setdb1 | NM_018877 | 84505 | 7.2502 | 6.03233 | 1.20189 |

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|---------|--------------|--------|---------|---------|----------|
| Creb1 | NM_133828 | 12912 | 7.24804 | 6.99908 | 1.03557 |
| Zfp422 | NM_026057 | | 7.23727 | 11.3686 | 0.636602 |
| Thap7 | NM_026909 | 69009 | 7.22155 | 7.70898 | 0.936771 |
| Heyl | NM_013905 | 56198 | 7.15377 | 6.4526 | 1.108665 |
| Irf3 | NM_016849 | 54131 | 7.14183 | 8.1425 | 0.877105 |
| Zscan26 | NM_001013786 | 432731 | 7.12456 | 8.06842 | 0.883018 |
| Zfp532 | NM_207255 | 328977 | 7.05168 | 5.40036 | 1.30578 |
| Gzf1 | NM_028986 | 74533 | 7.02119 | 5.37044 | 1.307377 |
| Capn15 | NM_015830 | 50817 | 7.00957 | 5.00328 | 1.400995 |
| Zfp84 | NM_023750 | 74352 | 6.97956 | 5.33708 | 1.307749 |
| Smarcb1 | NM_011418 | 20587 | 6.95662 | 8.6705 | 0.802332 |
| Nfyb | NM_010914 | 18045 | 6.93442 | 8.74296 | 0.793143 |
| Ncor2 | NM_011424 | 20602 | 6.88167 | 5.65124 | 1.217727 |
| Smarca4 | NM_001174078 | 20586 | 6.86691 | 8.82309 | 0.778289 |
| Tcf15 | NM_009328 | 21407 | 6.76133 | 16.0188 | 0.422087 |
| Zfp35 | NM_011755 | 22694 | 6.75701 | 7.07779 | 0.954678 |
| Zfp317 | NM_172918 | 244713 | 6.66989 | 5.11559 | 1.303836 |
| Mycn | NM_008709 | 18109 | 6.6197 | 9.88567 | 0.669626 |
| Esrra | NM_007953 | 26379 | 6.61662 | 25.3418 | 0.261095 |
| Zfp553 | NM_146201 | 233887 | 6.55772 | 6.97439 | 0.940257 |
| Mef2c | NM_001170537 | 17260 | 6.54233 | 11.7793 | 0.555409 |
| Zfp236 | NM_177832 | 329002 | 6.52599 | 5.4763 | 1.191679 |
| Rxrb | NM_011306 | 20182 | 6.52562 | 8.28821 | 0.787338 |
| Zfp276 | NM_020497 | 57247 | 6.50551 | 4.57076 | 1.423288 |
| Nr2c2 | NM_011630 | 22026 | 6.46211 | 7.55244 | 0.855632 |
| Sp2 | NM_001080964 | 78912 | 6.45912 | 7.38849 | 0.874214 |
| Taf5 | NM_177342 | 226182 | 6.45444 | 4.6455 | 1.389396 |
| Orc2 | NM_008765 | 18393 | 6.45353 | 4.8194 | 1.339073 |
| Ncor1 | NM_011308 | 20185 | 6.43393 | 7.01677 | 0.916936 |
| Hif1an | NM_176958 | 319594 | 6.39001 | 10.1966 | 0.62668 |
| Rarg | NM_001042727 | 19411 | 6.35188 | 5.03677 | 1.261102 |
| Tulp3 | NM_011657 | 22158 | 6.30202 | 4.65199 | 1.354693 |
| Atoh8 | NM_153778 | 71093 | 6.29319 | 7.69255 | 0.818089 |
| Zfp639 | NM_001161818 | | 6.26497 | 6.04375 | 1.036603 |
| Stat5b | NM_001113563 | | 6.25996 | 11.0094 | 0.568601 |
| Elk1 | NM_007922 | 13712 | 6.23924 | 5.84397 | 1.067637 |
| Rsrc1 | NM_025822 | 66880 | 6.22467 | 5.77266 | 1.078302 |
| Zfp628 | NM_170759 | 232816 | 6.18434 | 6.10454 | 1.013072 |
| Zfp62 | NM_009562 | | 6.11811 | 7.00486 | 0.873409 |
| Nufip1 | NM_013745 | 27275 | 6.07986 | 4.32651 | 1.405257 |
| Zdhhc1 | NM_175160 | 70796 | 6.05132 | 6.4479 | 0.938495 |
| Zmiz2 | NM_028601 | 52915 | 6.04106 | 8.70894 | 0.693662 |
| Hmga1 | NM_001166537 | | 6.04054 | 7.32299 | 0.824873 |
| Thap1 | NM_199042 | 73754 | 6.0384 | 5.22616 | 1.155418 |
| Zbtb38 | NM_175537 | 245007 | 5.96303 | 5.53412 | 1.077503 |
| Nrf1 | NM_010938 | 18181 | 5.95358 | 4.8329 | 1.231886 |

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|----------|--------------|--------|---------|---------|----------|
| Meis1 | NM_001193271 | 17268 | 5.95288 | 6.20279 | 0.95971 |
| Atf7 | NM_146065 | 223922 | 5.94705 | 6.28034 | 0.946931 |
| E2f7 | NM_178609 | 52679 | 5.91818 | 4.94413 | 1.197011 |
| Tcf3 | NM_011548 | 21423 | 5.88832 | 8.67692 | 0.678619 |
| Hnrnpd | NM_001077265 | 11991 | 5.88243 | 5.76281 | 1.020757 |
| Nfat5 | NM_133957 | 54446 | 5.87625 | 5.13091 | 1.145265 |
| Zfp408 | NM_001033451 | 381410 | 5.86865 | 4.15054 | 1.413949 |
| Rcor3 | NM_144814 | 214742 | 5.86645 | 7.22376 | 0.812105 |
| Zfp821 | NM_001167946 | 75871 | 5.80154 | 7.0353 | 0.824633 |
| Camta2 | NM_001190378 | | 5.76058 | 7.12627 | 0.808358 |
| Tsc22d3 | NM_001077364 | 14605 | 5.7453 | 16.9678 | 0.3386 |
| Zbtb39 | NM_198035 | 320080 | 5.74136 | 5.11634 | 1.122162 |
| Zfp746 | NM_001163475 | 69228 | 5.65797 | 6.67207 | 0.848008 |
| Tead1 | NM_009346 | 21676 | 5.61421 | 6.57615 | 0.853723 |
| Zfp597 | NM_001033159 | 71063 | 5.60886 | 4.80288 | 1.167812 |
| Jdp2 | NM_001205052 | | 5.57828 | 6.98907 | 0.798143 |
| Zkscan3 | NM_001145778 | | 5.53947 | 6.68818 | 0.828248 |
| Zfp513 | NM_001177901 | 101023 | 5.53415 | 3.86247 | 1.432801 |
| Zbtb48 | NM_133879 | 100090 | 5.51561 | 4.14695 | 1.33004 |
| Fam132a | NM_026125 | 67389 | 5.51107 | 4.96064 | 1.110959 |
| Nfatc2ip | NM_010900 | 18020 | 5.49362 | 5.29771 | 1.03698 |
| Zfp69 | NM_001005788 | 381549 | 5.48263 | 5.68589 | 0.964252 |
| Hmga1 | NM_001166541 | | 5.46482 | 7.0954 | 0.770192 |
| Mtf1 | NM_008636 | 17764 | 5.45269 | 4.57005 | 1.193136 |
| Zbtb33 | NM_020256 | 56805 | 5.43407 | 5.95615 | 0.912346 |
| Zfp64 | NM_009564 | 22722 | 5.41771 | 5.23653 | 1.034599 |
| Hes6 | NM_019479 | 55927 | 5.38831 | 13.3097 | 0.404841 |
| Zfp653 | NM_177318 | 319601 | 5.35708 | 4.31493 | 1.241522 |
| Tshz3 | NM_172298 | 243931 | 5.33346 | 3.96908 | 1.343752 |
| Zfp68 | NM_001044747 | 24135 | 5.31938 | 4.51982 | 1.176901 |
| Prdm2 | NM_001256380 | 110593 | 5.28796 | 5.03032 | 1.051217 |
| Bbx | NM_027444 | 70508 | 5.28566 | 4.6115 | 1.146191 |
| Nr2f2 | NM_009697 | 11819 | 5.25063 | 5.02079 | 1.045778 |
| Sox17 | NM_011441 | 20671 | 5.21002 | 20.5079 | 0.254049 |
| Tbx20 | NM_001205085 | 57246 | 5.19168 | 4.73428 | 1.096614 |
| Hopx | NM_175606 | | 5.18541 | 59.2087 | 0.087579 |
| Gmeb1 | NM_020273 | | 5.18346 | 4.26534 | 1.215251 |
| Znf512b | NM_001164597 | 269401 | 5.16307 | 6.71844 | 0.768492 |
| Fmnl2 | NM_172409 | 71409 | 5.14517 | 3.967 | 1.296993 |
| E2f8 | NM_001013368 | | 5.1316 | 5.38172 | 0.953524 |
| Zfp687 | NM_030074 | 78266 | 5.11885 | 6.11758 | 0.836744 |
| Sp4 | NM_009239 | 20688 | 5.1176 | 3.87618 | 1.320269 |
| Rxrb | NM_001205216 | 20182 | 5.11474 | 5.79055 | 0.883291 |
| Zfp52 | NM_144515 | 22710 | 5.05614 | 7.94809 | 0.636145 |
| Mybl2 | NM_008652 | 17865 | 5.05391 | 4.3346 | 1.165946 |
| Zkscan3 | NM_023685 | | 5.03507 | 6.1621 | 0.817103 |

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|---------|--------------|--------|---------|---------|----------|
| Polr3f | NM_029763 | 70408 | 4.98446 | 5.80126 | 0.859203 |
| Tcf7l1 | NM_001079822 | 21415 | 4.96602 | 3.9729 | 1.249974 |
| Sra1 | NM_146085 | 24068 | 4.94965 | 4.02181 | 1.230702 |
| Zfp523 | NM_172617 | | 4.94788 | 8.63292 | 0.573141 |
| Zfp629 | NM_177226 | | 4.93154 | 4.50437 | 1.094835 |
| Gm608 | NM_001029889 | | 4.85209 | 4.60555 | 1.053531 |
| Smarca4 | NM_001174079 | 20586 | 4.84291 | 6.19983 | 0.781136 |
| Zhx2 | NM_199449 | 387609 | 4.82715 | 5.02828 | 0.96 |
| Med16 | NM_198107 | 216154 | 4.82529 | 9.25119 | 0.521586 |
| Ldb2 | NM_010698 | 16826 | 4.79454 | 10.4027 | 0.460894 |
| Zfp189 | NM_145547 | | 4.77105 | 4.35339 | 1.095939 |
| Pard3b | NM_001081050 | 72823 | 4.75178 | 3.40751 | 1.394502 |
| Ankle2 | NM_001253814 | 71782 | 4.74894 | 5.5292 | 0.858884 |
| Zbtb4 | NM_029348 | 75580 | 4.69695 | 5.6287 | 0.834464 |
| Nkrf | NM_029891 | 77286 | 4.69692 | 3.26465 | 1.438721 |
| Tead1 | NM_001166584 | 21676 | 4.69271 | 3.36383 | 1.39505 |
| Gtf3a | NM_025652 | 66596 | 4.68768 | 8.43653 | 0.555641 |
| Tbx2 | NM_009324 | 21385 | 4.64831 | 5.96498 | 0.779267 |
| Zbtb41 | NM_172643 | 226470 | 4.61507 | 4.8549 | 0.9506 |
| Zbtb6 | NM_146253 | 241322 | 4.59901 | 3.42974 | 1.340921 |
| Zfp516 | NM_183033 | | 4.59611 | 4.55614 | 1.008773 |
| Zbtb46 | NM_028125 | 72147 | 4.55138 | 5.12054 | 0.888848 |
| Kat7 | NM_001195004 | 217127 | 4.55119 | 4.47936 | 1.016036 |
| Cbx4 | NM_007625 | 12418 | 4.54875 | 4.52933 | 1.004288 |
| Crem | NM_001110854 | 12916 | 4.53932 | 7.93717 | 0.571907 |
| Mta3 | NM_001171054 | 116871 | 4.53655 | 6.80698 | 0.666456 |
| Gmcl1 | NM_011818 | 23885 | 4.52287 | 3.75168 | 1.205559 |
| Zfp574 | NM_001168506 | | 4.48256 | 3.93243 | 1.139896 |
| Prdm15 | NM_144789 | | 4.48215 | 3.2036 | 1.399098 |
| Zfp959 | NM_145490 | 224893 | 4.48116 | 4.54421 | 0.986125 |
| Zfp282 | NM_146175 | 101095 | 4.40208 | 4.70844 | 0.934934 |
| Zbtb21 | NM_001081684 | 114565 | 4.37979 | 2.99972 | 1.460066 |
| Zfp1 | NM_001037665 | 22640 | 4.33166 | 4.19514 | 1.032542 |
| Zfp397 | NM_027007 | 69256 | 4.29441 | 4.37381 | 0.981846 |
| Gtf2e1 | NM_028812 | 74197 | 4.29122 | 4.71666 | 0.909801 |
| Tceal1 | NM_146236 | 237052 | 4.28209 | 5.99608 | 0.714148 |
| Rnf138 | NM_019706 | 56515 | 4.27811 | 3.09088 | 1.384107 |
| Zfp580 | NM_026900 | 68992 | 4.27069 | 3.7743 | 1.131518 |
| Zbtb18 | NM_001012330 | 30928 | 4.26022 | 8.22859 | 0.517734 |
| Mxd3 | NM_016662 | 17121 | 4.23838 | 5.16012 | 0.821372 |
| Zfp12 | NM_177681 | 231866 | 4.20139 | 4.6368 | 0.906097 |
| Crebzf | NM_145151 | 233490 | 4.19355 | 4.25549 | 0.985445 |
| Ring1 | NM_009066 | 19763 | 4.15432 | 5.23236 | 0.793967 |
| Npas2 | NM_008719 | 18143 | 4.14474 | 3.09799 | 1.33788 |
| Zfp711 | NM_177747 | 245595 | 4.08937 | 4.65687 | 0.878137 |
| Tcf3 | NM_001164149 | 21423 | 4.0488 | 6.78236 | 0.59696 |

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|---------|--------------|--------|---------|---------|----------|
| Zfp280b | NM_177475 | 64453 | 4.04655 | 3.38973 | 1.193768 |
| Mxi1 | NM_010847 | 17859 | 4.02198 | 4.61074 | 0.872307 |
| Snapc4 | NM_172339 | | 4.02026 | 3.20357 | 1.254931 |
| Tal1 | NM_011527 | | 3.99166 | 4.98958 | 0.799999 |
| Zmiz2 | NM_001005867 | 52915 | 3.98754 | 8.0681 | 0.494235 |
| Zfp512 | NM_172993 | 269639 | 3.96273 | 5.1741 | 0.765878 |
| Stat2 | NM_019963 | 20847 | 3.93796 | 3.87104 | 1.017287 |
| Tada2a | NM_172562 | 217031 | 3.91301 | 3.35912 | 1.164891 |
| Zfp869 | NM_001039965 | 66869 | 3.90334 | 4.66938 | 0.835944 |
| Pparg | NM_001127330 | 19016 | 3.90165 | 16.6298 | 0.234618 |
| Tshz2 | NM_080455 | | 3.90063 | 3.99514 | 0.976344 |
| Zfp865 | NM_001033383 | 319748 | 3.88571 | 4.35244 | 0.892766 |
| Zkscan6 | NM_026107 | | 3.86276 | 3.26534 | 1.182958 |
| Hnrnpd | NM_007516 | 11991 | 3.8498 | 3.41264 | 1.1281 |
| Polrmt | NM_172551 | 216151 | 3.84733 | 6.77216 | 0.56811 |
| Trim24 | NM_145076 | 21848 | 3.84189 | 6.12165 | 0.627591 |
| Bach2 | NM_001109661 | 12014 | 3.8292 | 4.2961 | 0.89132 |
| Zfp266 | NM_001082485 | 77519 | 3.82479 | 2.8457 | 1.344059 |
| Clpb | NM_009191 | 20480 | 3.79649 | 7.54637 | 0.503088 |
| Zfp275 | NM_031494 | 27081 | 3.76813 | 2.55696 | 1.473676 |
| Trim24 | NM_001272076 | 21848 | 3.76688 | 3.84203 | 0.98044 |
| Cux1 | NM_009986 | 13047 | 3.7627 | 4.24717 | 0.885931 |
| Zfp68 | NM_013844 | 24135 | 3.7049 | 3.76875 | 0.983058 |
| Hnrnpd | NM_001077266 | 11991 | 3.69195 | 3.16307 | 1.167205 |
| Zfp869 | NM_181274 | 66869 | 3.67567 | 2.55567 | 1.438241 |
| Patz1 | NM_019574 | 56218 | 3.6707 | 3.85811 | 0.951424 |
| Rreb1 | NM_001177869 | | 3.6698 | 5.40415 | 0.679071 |
| Zfp579 | NM_026741 | | 3.66965 | 4.92271 | 0.745453 |
| Mta3 | NM_001171053 | 116871 | 3.66655 | 3.59525 | 1.019832 |
| Zbtb14 | NM_009547 | | 3.6345 | 4.55508 | 0.7979 |
| Tmpo | NM_001080130 | 21917 | 3.6221 | 3.13497 | 1.155386 |
| Tbx3 | NM_198052 | 21386 | 3.61646 | 11.5421 | 0.313328 |
| Tulp4 | NM_001103181 | 68842 | 3.60399 | 2.5759 | 1.399119 |
| Tcf3 | NM_001164150 | 21423 | 3.60036 | 4.60871 | 0.781208 |
| Mlx | NM_001159385 | 21428 | 3.58544 | 4.28595 | 0.836557 |
| Rxrb | NM_001205214 | 20182 | 3.5809 | 4.85931 | 0.736915 |
| Hmg20b | NM_001163165 | 15353 | 3.5728 | 7.2958 | 0.489706 |
| Tead4 | NM_011567 | 21679 | 3.56686 | 3.81173 | 0.935759 |
| Tead4 | NM_001080979 | 21679 | 3.56604 | 4.60145 | 0.774982 |
| Smarca1 | NM_053123 | 93761 | 3.56429 | 2.95918 | 1.204486 |
| Six5 | NM_011383 | 20475 | 3.53111 | 4.0949 | 0.862319 |
| Trim24 | NM_001272064 | 21848 | 3.52208 | 7.37109 | 0.477823 |
| Zfp790 | NM_146185 | | 3.51823 | 3.50936 | 1.002528 |
| Zfp668 | NM_146259 | | 3.44441 | 3.14816 | 1.094103 |
| Rnf138 | NM_207623 | 56515 | 3.43997 | 2.33563 | 1.472823 |
| Zfp407 | NM_001033341 | 240476 | 3.4399 | 4.21311 | 0.816475 |

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|----------|--------------|-----------|---------|---------|----------|
| Foxp1 | NM_053202 | 108655 | 3.43379 | 3.0633 | 1.120945 |
| Polr3b | NM_027423 | 70428 | 3.42892 | 4.75772 | 0.720707 |
| Whsc1 | NM_175231 | 107823 | 3.40675 | 2.64637 | 1.287329 |
| Hmgxb3 | NM_134134 | 106894 | 3.38718 | 3.41777 | 0.99105 |
| Nfib | NM_001113209 | 18028 | 3.38627 | 2.75347 | 1.229819 |
| Camta1 | NM_001195565 | 100072 | 3.3847 | 4.58023 | 0.73898 |
| Zkscan5 | NM_016683 | 22757 | 3.32383 | 4.11056 | 0.808608 |
| Gtf2ird1 | NM_001081463 | 57080 | 3.27336 | 2.40336 | 1.361993 |
| Arid3a | NM_007880 | 13496 | 3.25644 | 3.20855 | 1.014926 |
| Rarb | NM_011243 | 218772 | 3.2478 | 4.42682 | 0.733664 |
| Prox1 | NM_008937 | 19130 | 3.23773 | 11.1547 | 0.290257 |
| Prdm10 | NM_001080817 | 382066 | 3.21881 | 2.5669 | 1.253968 |
| Hmga1 | NM_001166543 | | 3.19863 | 4.62982 | 0.690876 |
| Cdk2 | NM_183417 | 12566 | 3.19453 | 5.981 | 0.534113 |
| Brca1 | NM_009764 | 12189 | 3.18182 | 2.60875 | 1.219672 |
| Gtf2h2 | NM_022011 | 23894 | 3.17129 | 5.41658 | 0.585478 |
| Mier1 | NM_027696 | | 3.14541 | 3.44485 | 0.913076 |
| Hlf | NM_172563 | 217082 | 3.14123 | 3.34604 | 0.93879 |
| Hmgxb4 | NM_178017 | | 3.12886 | 4.07504 | 0.767811 |
| Zscan29 | NM_178889 | 99334 | 3.12543 | 2.68584 | 1.163669 |
| Ncor1 | NM_177229 | 20185 | 3.11068 | 3.41646 | 0.910498 |
| Zfp251 | NM_001007568 | 71591 | 3.10919 | 3.0748 | 1.011184 |
| Gm14295 | NM_001205057 | 100039123 | 3.10851 | 3.83569 | 0.810417 |
| Dnajc1 | NM_001190817 | | 3.10647 | 2.19071 | 1.41802 |
| Rcor2 | NM_054048 | 104383 | 3.07175 | 8.32125 | 0.369145 |
| Hltf | NM_009210 | 20585 | 3.06389 | 3.46403 | 0.884487 |
| Mxi1 | NM_001008542 | 17859 | 3.04822 | 3.77219 | 0.808077 |
| Hmga1 | NM_001166546 | | 3.04157 | 2.07876 | 1.463166 |
| Cers4 | NM_026058 | | 3.02698 | 7.8511 | 0.385549 |
| Tox2 | NM_001098799 | 269389 | 3.01657 | 4.3703 | 0.690243 |
| Zfp568 | NM_001167873 | 243905 | 3.00494 | 4.11909 | 0.729515 |
| Zkscan1 | NM_133906 | 74570 | 3.00385 | 3.87774 | 0.774639 |
| Zfp292 | NM_013889 | 30046 | 2.98313 | 5.00195 | 0.596393 |
| Jarid2 | NM_001205044 | | 2.96402 | 2.84893 | 1.040398 |
| Ebf3 | NM_001113414 | 13593 | 2.94245 | 2.59187 | 1.135261 |
| Gtf2ird2 | NM_053266 | 114674 | 2.94215 | 3.03241 | 0.970235 |
| Nkx2-5 | NM_008700 | 18091 | 2.94028 | 38.5231 | 0.076325 |
| Hey2 | NM_013904 | 15214 | 2.93821 | 9.18083 | 0.320038 |
| Zfp617 | NM_133358 | 170938 | 2.89496 | 7.73929 | 0.37406 |
| Zfp827 | NM_178267 | 622675 | 2.87195 | 3.94143 | 0.728657 |
| Mecp2 | NM_010788 | 17257 | 2.84775 | 3.64602 | 0.781057 |
| Rbfox2 | NM_053104 | 93686 | 2.83904 | 3.92146 | 0.723975 |
| Thap3 | NM_175152 | 69876 | 2.83491 | 3.27331 | 0.866068 |
| Tfdp2 | NM_001184706 | 211586 | 2.8283 | 3.25746 | 0.868253 |
| Zbtb25 | NM_028356 | 109929 | 2.81431 | 3.07391 | 0.915547 |
| Zfp574 | NM_175477 | | 2.80906 | 2.60116 | 1.079926 |

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|----------|--------------|--------|---------|---------|----------|
| Zfp655 | NM_001083958 | 72611 | 2.80442 | 5.04895 | 0.555446 |
| Prdm5 | NM_027547 | 70779 | 2.80019 | 2.65396 | 1.055099 |
| Setdb2 | NM_001081024 | 239122 | 2.78759 | 2.24496 | 1.24171 |
| Ankrd49 | NM_019683 | 56503 | 2.77461 | 3.87766 | 0.715537 |
| Zfp90 | NM_011764 | 22751 | 2.77141 | 2.9529 | 0.938538 |
| Pcgf6 | NM_027654 | 71041 | 2.76789 | 2.83479 | 0.9764 |
| Zbtb24 | NM_153398 | 268294 | 2.75491 | 3.16732 | 0.869792 |
| Irx3 | NM_008393 | 16373 | 2.74418 | 4.85356 | 0.565395 |
| Msx1 | NM_010835 | 17701 | 2.72138 | 4.49123 | 0.605932 |
| Zfp524 | NM_025324 | 66056 | 2.72099 | 4.94044 | 0.550759 |
| Nfib | NM_001113210 | 18028 | 2.70686 | 2.18521 | 1.238718 |
| Lmo2 | NM_001142336 | 16909 | 2.70613 | 3.42014 | 0.791234 |
| Zbtb12 | NM_198886 | 193736 | 2.704 | 4.29799 | 0.629131 |
| Zbtb49 | NM_029162 | 75079 | 2.69426 | 1.89309 | 1.423208 |
| Sox12 | NM_011438 | 20667 | 2.67948 | 7.15615 | 0.37443 |
| Zfp758 | NM_145484 | 224598 | 2.67894 | 2.38942 | 1.121167 |
| Mbtps2 | NM_172307 | 270669 | 2.67558 | 2.9776 | 0.898569 |
| Kat5 | NM_001199248 | 81601 | 2.64745 | 2.43451 | 1.087467 |
| Smyd1 | NM_009762 | 12180 | 2.64494 | 32.3459 | 0.08177 |
| Wdhd1 | NM_172598 | 218973 | 2.6041 | 2.37459 | 1.096652 |
| Tef | NM_153484 | 21685 | 2.59797 | 1.90106 | 1.36659 |
| Zkscan14 | NM_023322 | 67235 | 2.58983 | 4.24983 | 0.609396 |
| Prdm1 | NM_007548 | 12142 | 2.58813 | 9.30455 | 0.278157 |
| Nfkb2 | NM_001177370 | | 2.58455 | 2.30667 | 1.120468 |
| Cbx2 | NM_007623 | 12416 | 2.58139 | 3.13386 | 0.823709 |
| Rxrb | NM_001205215 | 20182 | 2.57784 | 3.13382 | 0.822587 |
| Sirt6 | NM_181586 | 50721 | 2.56894 | 3.59658 | 0.714273 |
| Zfp160 | NM_145483 | 224585 | 2.53817 | 2.66822 | 0.95126 |
| Fiz1 | NM_001110328 | | 2.53643 | 1.93031 | 1.314001 |
| Zfp507 | NM_177739 | 668501 | 2.53505 | 3.1786 | 0.797537 |
| Zfp710 | NM_001145999 | 209225 | 2.52564 | 1.72306 | 1.465788 |
| Ncor2 | NM_001253905 | 20602 | 2.51855 | 1.86048 | 1.35371 |
| Smyd1 | NM_001160127 | 12180 | 2.51107 | 44.4336 | 0.056513 |
| Pias3 | NM_146135 | 229615 | 2.50799 | 3.07338 | 0.816036 |
| Cdkn2d | NM_009878 | 12581 | 2.49647 | 3.17077 | 0.787339 |
| Pbx1 | NM_008783 | 18514 | 2.48446 | 1.96462 | 1.264601 |
| Hic2 | NM_178922 | 58180 | 2.46598 | 2.60334 | 0.947237 |
| Ttf1 | NM_009442 | 22130 | 2.45742 | 2.63915 | 0.931141 |
| Mysm1 | NM_177239 | 320713 | 2.43272 | 2.35653 | 1.032331 |
| Nrf1 | NM_001164227 | 18181 | 2.42892 | 2.59983 | 0.934261 |
| Zfp423 | NM_033327 | | 2.42755 | 1.65045 | 1.470841 |
| Mlx | NM_011550 | 21428 | 2.422 | 2.19553 | 1.10315 |
| Ehmt1 | NM_001109687 | 77683 | 2.42058 | 2.43198 | 0.995312 |
| Tfe3 | NM_001271489 | 209446 | 2.41417 | 2.30701 | 1.04645 |
| Whsc1 | NM_001177884 | 107823 | 2.41305 | 2.93773 | 0.8214 |
| Tmpo | NM_001080131 | 21917 | 2.41111 | 2.0038 | 1.203269 |

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|---------------|--------------|-----------|---------|---------|----------|
| Rfx5 | NM_017395 | | 2.41009 | 2.36572 | 1.018755 |
| Osr1 | NM_011859 | 23967 | 2.40533 | 1.60507 | 1.498583 |
| Foxj1 | NM_008240 | 15223 | 2.40517 | 1.84036 | 1.306902 |
| Zscan2 | NM_009553 | 22691 | 2.38744 | 4.53579 | 0.526356 |
| Hoxa5 | NM_010453 | 15402 | 2.36887 | 4.28833 | 0.552399 |
| Zfp526 | NM_175436 | 210172 | 2.3625 | 2.24197 | 1.053761 |
| Zfp764 | NM_146203 | 233893 | 2.35375 | 2.17211 | 1.083624 |
| Terf2 | NM_001083118 | 21750 | 2.35196 | 2.43253 | 0.966878 |
| Nr2c1 | NM_011629 | 22025 | 2.34515 | 2.9273 | 0.801131 |
| Hnrnpd | NM_001077267 | 11991 | 2.3367 | 1.78583 | 1.308467 |
| Zfp639 | NM_144519 | | 2.32707 | 2.55517 | 0.91073 |
| Lcorl | NM_178142 | 209707 | 2.31223 | 2.9349 | 0.787839 |
| Zfp566 | NM_152814 | 72556 | 2.30399 | 1.98621 | 1.159993 |
| Gm13139 | NM_001083918 | 666532 | 2.2922 | 2.67282 | 0.857596 |
| Zfp697 | NM_172863 | 242109 | 2.28797 | 1.88053 | 1.216662 |
| Zfp942 | NM_001199048 | 73233 | 2.28784 | 2.61161 | 0.876027 |
| Zbtb20 | NM_181058 | | 2.28768 | 2.08705 | 1.096131 |
| Zfp58 | NM_001007575 | 238693 | 2.26448 | 1.76436 | 1.283457 |
| 2610008E11Rik | NM_001004362 | 72128 | 2.25572 | 4.73711 | 0.476181 |
| Wwtr1 | NM_001168281 | 97064 | 2.25507 | 2.04631 | 1.102018 |
| Zdhhc21 | NM_026647 | 68268 | 2.25022 | 2.3157 | 0.971723 |
| Hoxb2 | NM_134032 | 103889 | 2.24921 | 1.76754 | 1.272509 |
| Zfp81 | NM_207541 | 224694 | 2.18805 | 2.45219 | 0.892284 |
| E2f2 | NM_177733 | 242705 | 2.17734 | 2.16583 | 1.005314 |
| Zfp943 | NM_001025373 | 74670 | 2.17071 | 2.89561 | 0.749656 |
| Ahr | NM_013464 | 11622 | 2.14875 | 3.55869 | 0.603804 |
| Zfp874b | NM_001076791 | 408067 | 2.13303 | 2.84606 | 0.749468 |
| Mecp2 | NM_001081979 | 17257 | 2.13134 | 2.52026 | 0.845683 |
| Zfp809 | NM_001164624 | 235047 | 2.12929 | 1.964 | 1.08416 |
| Tcf3 | NM_001164152 | 21423 | 2.12908 | 2.72586 | 0.781067 |
| Xrcc3 | NM_028875 | 74335 | 2.12354 | 1.6378 | 1.296581 |
| Arhgap17 | NM_001122641 | 70497 | 2.10493 | 1.46056 | 1.44118 |
| Mafa | NM_194350 | 378435 | 2.09911 | 1.46556 | 1.432292 |
| Hopx | NM_001159901 | | 2.09132 | 4.00192 | 0.522579 |
| Csdc2 | NM_145473 | 105859 | 2.07683 | 2.10997 | 0.984294 |
| Lcor | NM_172154 | | 2.07153 | 2.31371 | 0.895328 |
| Zscan21 | NM_001044703 | | 2.05033 | 3.05747 | 0.670597 |
| Mef2c | NM_025282 | 17260 | 2.03041 | 3.93032 | 0.516602 |
| Ets1 | NM_001038642 | 23871 | 2.01587 | 3.78284 | 0.532899 |
| Zfp74 | NM_178384 | 72723 | 1.9955 | 1.97096 | 1.012451 |
| AA987161 | NM_001163246 | 100416706 | 1.98107 | 2.06906 | 0.957473 |
| Zfp932 | NM_145563 | 69504 | 1.97319 | 2.34693 | 0.840754 |
| Zfp386 | NM_019565 | 56220 | 1.96858 | 3.46214 | 0.568602 |
| Zbtb45 | NM_001024699 | | 1.96328 | 2.54393 | 0.771751 |
| Stat1 | NM_009283 | 20846 | 1.95471 | 3.25055 | 0.601347 |
| Satb1 | NM_001163630 | 20230 | 1.95249 | 2.94903 | 0.662079 |

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|---------|--------------|--------|---------|---------|----------|
| Mta3 | NM_054082 | 116871 | 1.95182 | 2.08677 | 0.935331 |
| Zfp37 | NM_009554 | 22696 | 1.94932 | 1.81794 | 1.072269 |
| Zbtb33 | NM_001079513 | 56805 | 1.94346 | 1.38613 | 1.402076 |
| Dido1 | NM_011805 | 23856 | 1.93526 | 2.4365 | 0.794279 |
| Zfp825 | NM_146231 | 235956 | 1.93284 | 2.07864 | 0.929858 |
| Zfp101 | NM_009542 | 22643 | 1.9094 | 1.44385 | 1.322437 |
| Zfp26 | NM_011753 | 22688 | 1.90795 | 1.50721 | 1.265882 |
| Irf9 | NM_001159417 | 16391 | 1.90767 | 1.85294 | 1.029537 |
| Zim1 | NM_011769 | 22776 | 1.90345 | 2.13584 | 0.891195 |
| Zfp61 | NM_009561 | 22719 | 1.89972 | 1.41927 | 1.338519 |
| Zfp944 | NM_176962 | 319615 | 1.89563 | 1.58814 | 1.193616 |
| Zfp202 | NM_030713 | | 1.85314 | 1.40614 | 1.317892 |
| Zfp606 | NM_026112 | 67370 | 1.84944 | 2.16873 | 0.852776 |
| Sp2 | NM_030220 | 78912 | 1.83144 | 1.47801 | 1.239126 |
| Zfp866 | NM_177899 | 330788 | 1.82436 | 1.68568 | 1.082269 |
| Zfp7 | NM_145916 | 223669 | 1.81083 | 1.80462 | 1.003441 |
| Irx5 | NM_018826 | 54352 | 1.80966 | 2.05387 | 0.881098 |
| Rfx3 | NM_011265 | 19726 | 1.80601 | 1.36569 | 1.322416 |
| Zfp619 | NM_001004139 | 70227 | 1.80142 | 1.39093 | 1.295119 |
| Zbtb42 | NM_001100460 | 382639 | 1.79376 | 2.07775 | 0.863318 |
| Zfat | NM_198644 | 380993 | 1.78066 | 1.63404 | 1.089729 |
| Zfp105 | NM_009544 | 22646 | 1.77224 | 2.80644 | 0.63149 |
| Gm14420 | NM_001177568 | 628308 | 1.76251 | 2.01035 | 0.876718 |
| Zfp770 | NM_175466 | 228491 | 1.75445 | 2.32765 | 0.753743 |
| Foxo6 | NM_194060 | 329934 | 1.74743 | 2.30934 | 0.756679 |
| Zfat | NM_001145888 | 380993 | 1.74525 | 1.57102 | 1.110902 |
| Cbx8 | NM_013926 | 30951 | 1.74432 | 2.2038 | 0.791506 |
| Tfcp2 | NM_033476 | 21422 | 1.73304 | 2.8367 | 0.610935 |
| Smad5 | NM_001164042 | | 1.7244 | 2.05182 | 0.840425 |
| Mitf | NM_001113198 | 17342 | 1.72354 | 1.8935 | 0.91024 |
| Zfp429 | NM_001080941 | 72807 | 1.72302 | 3.10816 | 0.554354 |
| Hmga1 | NM_001166536 | | 1.72144 | 1.68133 | 1.023856 |
| Zfp217 | NM_001159683 | | 1.71434 | 2.68916 | 0.6375 |
| Zfp248 | NM_028335 | 72720 | 1.70376 | 1.29685 | 1.313768 |
| Mybl1 | NM_008651 | 17864 | 1.69889 | 1.27286 | 1.334703 |
| Zfp119a | NM_144546 | 104349 | 1.69657 | 1.77902 | 0.953654 |
| Zfp958 | NM_145591 | 233987 | 1.67193 | 2.47666 | 0.675074 |
| Per3 | NM_011067 | 18628 | 1.6555 | 2.4517 | 0.675246 |
| Zfp710 | NM_175433 | 209225 | 1.6519 | 3.99367 | 0.41363 |
| Zbtb40 | NM_198248 | 230848 | 1.6474 | 1.95992 | 0.840545 |
| Tfe3 | NM_172472 | 209446 | 1.64645 | 3.10152 | 0.530853 |
| Tfdp2 | NM_001184711 | 211586 | 1.63696 | 1.6729 | 0.978516 |
| Tcf3 | NM_001164147 | 21423 | 1.62951 | 3.56223 | 0.457441 |
| Hspb9 | NM_029307 | 75482 | 1.61837 | 1.40931 | 1.148342 |
| Zfp51 | NM_009558 | 22709 | 1.60418 | 2.40973 | 0.665709 |
| Stat5a | NM_011488 | 20850 | 1.59416 | 2.35812 | 0.67603 |

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|---------------|--------------|-----------|---------|----------|----------|
| Lyl1 | NM_008535 | 17095 | 1.58318 | 2.46917 | 0.641179 |
| Creb1 | NM_001037726 | 12912 | 1.56905 | 1.16332 | 1.348769 |
| Zfp266 | NM_001135019 | 77519 | 1.56157 | 1.89029 | 0.826101 |
| Zbtb7c | NM_145356 | 207259 | 1.55529 | 1.03935 | 1.496406 |
| Gm13251 | NM_001085522 | 433791 | 1.55516 | 1.72445 | 0.90183 |
| Creb1 | NM_009952 | 12912 | 1.54436 | 1.66888 | 0.925387 |
| Zhx1 | NM_001042438 | | 1.54329 | 1.67537 | 0.921164 |
| Zfp952 | NM_001045559 | 240067 | 1.52562 | 1.77229 | 0.860818 |
| Scx | NM_198885 | 20289 | 1.52411 | 4.04141 | 0.377123 |
| Thap3 | NM_001145929 | 69876 | 1.52351 | 2.67746 | 0.569013 |
| E430018J23Rik | NM_198011 | | 1.51743 | 1.82172 | 0.832966 |
| Repin1 | NM_001079903 | | 1.51626 | 1.07746 | 1.407254 |
| Mbd4 | NM_010774 | 17193 | 1.51249 | 2.27334 | 0.665316 |
| Zfp672 | NM_001256516 | | 1.50716 | 1.72004 | 0.876235 |
| Ankrd42 | NM_028665 | 73845 | 1.50487 | 1.23083 | 1.222647 |
| Zfp369 | NM_178364 | 170936 | 1.50204 | 2.07107 | 0.725248 |
| Zfp213 | NM_001033496 | 449521 | 1.50026 | 2.59103 | 0.579021 |
| Sall2 | NM_001244916 | 50524 | 1.49524 | 1.18186 | 1.265158 |
| Zfp472 | NM_153063 | 224691 | 1.49259 | 1.33671 | 1.116615 |
| Gm13157 | NM_001127189 | 100041677 | 1.48783 | 3.05973 | 0.486262 |
| Rnf14 | NM_001164621 | 56736 | 1.48773 | 2.34988 | 0.633109 |
| Stat5a | NM_001164062 | 20850 | 1.48543 | 1.36742 | 1.086301 |
| Zfp689 | NM_175163 | 71131 | 1.48152 | 1.4014 | 1.057171 |
| Tcf3 | NM_001164153 | 21423 | 1.481 | 1.60548 | 0.922466 |
| Hmga1 | NM_001039356 | | 1.47074 | 4.25752 | 0.345445 |
| Rfxank | NM_001025589 | 19727 | 1.47037 | 4.20776 | 0.349442 |
| Arhgap17 | NM_001122640 | 70497 | 1.46692 | 1.38014 | 1.062878 |
| Ankra2 | NM_023472 | 68558 | 1.45333 | 3.64072 | 0.399188 |
| Nr2f1 | NM_010151 | 13865 | 1.44069 | 2.58471 | 0.557389 |
| Tcf3 | NM_001164148 | 21423 | 1.43687 | 2.10339 | 0.683121 |
| Zfp366 | NM_001004149 | 238803 | 1.43182 | 5.79344 | 0.247145 |
| Zkscan17 | NM_001130529 | 268417 | 1.42603 | 1.63333 | 0.873081 |
| Zfp667 | NM_001024928 | | 1.42507 | 1.42825 | 0.997773 |
| B930041F14Rik | NM_178699 | 230991 | 1.40092 | 0.954842 | 1.467175 |
| Zfp65 | NM_145622 | 235907 | 1.38141 | 1.7803 | 0.775942 |
| Zfp119b | NM_146249 | 240120 | 1.37019 | 1.72989 | 0.792068 |
| Etohi1 | NM_001177400 | 626848 | 1.36763 | 2.94819 | 0.463888 |
| Tcf7l2 | NM_001142922 | 21416 | 1.34636 | 1.72054 | 0.782522 |
| Ebf2 | NM_010095 | 13592 | 1.34198 | 1.07003 | 1.254152 |
| Zfp426 | NM_001110309 | | 1.32943 | 1.26747 | 1.048885 |
| Phtf1 | NM_013629 | 18685 | 1.32375 | 1.45018 | 0.912818 |
| Zfp28 | NM_175247 | 22690 | 1.31853 | 1.59745 | 0.825397 |
| Zfp426 | NM_146221 | | 1.30435 | 1.50888 | 0.864449 |
| A530054K11Rik | NM_183146 | 212281 | 1.27678 | 1.63788 | 0.779532 |
| Zfp809 | NM_172763 | 235047 | 1.27205 | 1.44531 | 0.880123 |
| Zfp946 | NM_198003 | | 1.26946 | 1.61665 | 0.785241 |

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|---------|---------------|--------|---------|----------|----------|
| Setdb1 | NM_001163642 | 84505 | 1.26731 | 0.923958 | 1.37161 |
| Camta2 | NM_001190379 | | 1.26686 | 1.12782 | 1.123282 |
| Ank1 | NM_0011110783 | 11733 | 1.25956 | 6.94421 | 0.181383 |
| Atm | NM_007499 | 11920 | 1.25678 | 1.50639 | 0.834299 |
| Dbp | NM_016974 | 13170 | 1.24957 | 3.65708 | 0.341685 |
| Zbtb21 | NM_175428 | 114565 | 1.246 | 2.20237 | 0.565754 |
| Zscan21 | NM_001044705 | | 1.24319 | 2.17029 | 0.572822 |
| Zfp212 | NM_001145881 | 232784 | 1.23207 | 1.97009 | 0.625388 |
| Tardbp | NM_001008546 | 230908 | 1.22102 | 1.02124 | 1.195625 |
| Sirt6 | NM_001163430 | 50721 | 1.21266 | 0.903474 | 1.342219 |
| Zxdb | NM_001081473 | 668166 | 1.20601 | 1.15403 | 1.045042 |
| Hbp1 | NM_177993 | 73389 | 1.20087 | 1.54428 | 0.777625 |
| Arid4b | NM_198122 | 94246 | 1.18485 | 1.42638 | 0.830669 |
| Zfp235 | NM_019941 | 56525 | 1.18172 | 1.35889 | 0.869622 |
| Zfp467 | NM_001085417 | | 1.16808 | 3.17106 | 0.368356 |
| Meis2 | NM_010825 | 17536 | 1.16255 | 1.19293 | 0.974533 |
| Zfp60 | NM_029531 | | 1.16134 | 1.72349 | 0.67383 |
| Trip4 | NM_001170907 | 56404 | 1.15848 | 1.60628 | 0.721219 |
| Zfp780b | NM_001081021 | 338354 | 1.1525 | 1.25956 | 0.915002 |
| Sp100 | NM_013673 | 20684 | 1.15192 | 0.961723 | 1.197767 |
| Zfp874a | NM_177712 | | 1.14988 | 1.39302 | 0.825458 |
| Mlx | NM_001159384 | 21428 | 1.14719 | 1.21562 | 0.943708 |
| Crebl2 | NM_177687 | 232430 | 1.13951 | 1.40377 | 0.81175 |
| Plag1 | NM_019969 | 56711 | 1.1317 | 1.08088 | 1.047017 |
| Arid3b | NM_019689 | 56380 | 1.13035 | 1.62262 | 0.69662 |
| Zfp322a | NM_001111107 | 218100 | 1.12657 | 1.43004 | 0.787789 |
| Orc2 | NM_001271526 | 18393 | 1.11589 | 1.11848 | 0.997684 |
| Zfp846 | NM_172919 | | 1.11587 | 1.52007 | 0.734091 |
| Zfp772 | NM_145577 | 232855 | 1.10857 | 1.00552 | 1.102484 |
| Zfp788 | NM_023363 | 67607 | 1.10683 | 1.28935 | 0.85844 |
| Ankle2 | NM_027922 | 71782 | 1.10582 | 0.9635 | 1.147711 |
| Zfp688 | NM_026999 | 69234 | 1.10354 | 1.79369 | 0.615235 |
| Gm13152 | NM_001039209 | 195531 | 1.1009 | 2.3524 | 0.46799 |
| Jarid2 | NM_021878 | | 1.09657 | 1.12202 | 0.977318 |
| Zfp945 | NM_177358 | 240041 | 1.09001 | 1.01224 | 1.07683 |
| Zbtb37 | NM_173424 | 240869 | 1.08935 | 1.00091 | 1.08836 |
| Zfp820 | NM_029281 | 75424 | 1.08778 | 1.08443 | 1.003089 |
| Zfp322a | NM_172586 | 218100 | 1.08286 | 2.04425 | 0.52971 |
| Zfp707 | NM_001081065 | 69020 | 1.07822 | 1.74844 | 0.616675 |
| Tfap4 | NM_031182 | 83383 | 1.07389 | 1.48099 | 0.725116 |
| Tcf7 | NM_009331 | 21414 | 1.05819 | 3.02275 | 0.350075 |
| Etohi1 | NM_001177399 | 626848 | 1.05656 | 1.44492 | 0.731224 |
| Bard1 | NM_007525 | 12021 | 1.05624 | 1.06247 | 0.994136 |
| Tub | NM_021885 | 22141 | 1.05146 | 0.719144 | 1.462099 |
| Zfp467 | NM_001085415 | | 1.04788 | 1.84057 | 0.569324 |
| Zfp935 | NM_178875 | 71508 | 1.04603 | 2.05186 | 0.509796 |

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| Zfp930 | NM_001013379 | 234358 | 1.02569 | 2.07361 | 0.49464 |
| Zfp444 | NM_028316 | | 1.02355 | 1.30409 | 0.784877 |
| Zfp444 | NM_001146024 | | 1.02315 | 1.22495 | 0.835259 |
| Zfp647 | NM_172817 | 239546 | 1.01407 | 1.08232 | 0.936941 |
| Lhx6 | NM_001083125 | 16874 | 1.0089 | 1.72609 | 0.5845 |
| Tox3 | NM_172913 | 244579 | 1.0068 | 4.74863 | 0.212019 |
| Mycl | NM_008506 | | 0.997924 | 1.54987 | 0.643876 |
| Zfp784 | NM_001039532 | 654801 | 0.997046 | 1.50999 | 0.6603 |
| 2610305D13Rik | NM_145078 | 112422 | 0.990803 | 1.76866 | 0.5602 |
| Zfp691 | NM_001145936 | | 0.982339 | 2.01704 | 0.48702 |
| Ankra2 | NM_001271388 | 68558 | 0.968715 | 1.30327 | 0.743296 |
| 2610044O15Rik8 | NM_153780 | 72139 | 0.95596 | 2.06102 | 0.463829 |
| Zfp810 | NM_145612 | 235050 | 0.954126 | 2.19316 | 0.435046 |
| Mga | NM_001164274 | 29808 | 0.950063 | 0.813574 | 1.167765 |
| Kdm5d | NM_011419 | 20592 | 0.948953 | 1.40562 | 0.675113 |
| Foxq1 | NM_008239 | 15220 | 0.940247 | 0.754765 | 1.245748 |
| Irx4 | NM_018885 | | 0.938598 | 10.747 | 0.087336 |
| Zfp938 | NM_001105557 | | 0.938204 | 2.74641 | 0.341611 |
| Smarcc2 | NM_001114096 | 68094 | 0.927684 | 3.71848 | 0.249479 |
| Zfp1 | NM_011742 | 22640 | 0.922935 | 1.36018 | 0.678539 |
| Zfp808 | NM_001039239 | 630579 | 0.922824 | 1.27232 | 0.725308 |
| Zfp229 | NM_001164676 | 381067 | 0.916705 | 0.899646 | 1.018962 |
| Ldb2 | NM_001077398 | 16826 | 0.903031 | 2.33794 | 0.386251 |
| Repin1 | NM_001079904 | | 0.902444 | 0.967026 | 0.933216 |
| Zfp658 | NM_001008549 | 210104 | 0.888952 | 0.670422 | 1.325959 |
| Zfp68 | NM_001163797 | 24135 | 0.88774 | 0.816536 | 1.087203 |
| Repin1 | NM_001079901 | | 0.879586 | 1.31157 | 0.670636 |
| Zfp560 | NM_001004190 | 434377 | 0.876858 | 1.0452 | 0.838938 |
| Zscan12 | NM_016684 | 22758 | 0.868253 | 1.10203 | 0.787867 |
| Zfp316 | NM_017467 | 54201 | 0.867918 | 0.970437 | 0.894358 |
| Hdac7 | NM_001204276 | 56233 | 0.86049 | 1.76994 | 0.486169 |
| Zfp672 | NM_001256517 | | 0.858359 | 1.602 | 0.535805 |
| Sirt5 | NM_178848 | 68346 | 0.849119 | 5.93256 | 0.143129 |
| Zfp85 | NM_001001130 | 22746 | 0.848328 | 0.957102 | 0.886351 |
| Tcf7l2 | NM_009333 | 21416 | 0.8433 | 0.596812 | 1.413008 |
| Zcchc4 | NM_030185 | 78796 | 0.841654 | 1.24429 | 0.676413 |
| Zfp57 | NM_001168501 | | 0.827356 | 0 | #DIV/0! |
| Zfp324 | NM_178732 | | 0.826729 | 1.07797 | 0.766931 |
| Zfp40 | NM_009555 | 22700 | 0.824759 | 1.04701 | 0.787728 |
| Lcorl | NM_172153 | 209707 | 0.819316 | 0.943979 | 0.867939 |
| Zfp945 | NM_001110254 | 240041 | 0.804815 | 1.17874 | 0.682776 |
| Zfp59 | NM_011762 | 22717 | 0.793083 | 1.09148 | 0.726612 |
| Nr1h3 | NM_001177730 | | 0.792365 | 0.889835 | 0.890463 |
| Lcorl | NM_001163073 | 209707 | 0.787264 | 1.22662 | 0.641816 |
| Zfp30 | NM_013705 | 22693 | 0.785179 | 1.58666 | 0.494863 |
| Zfp157 | NM_028130 | 72154 | 0.7819 | 0.990756 | 0.789195 |

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| Hoxb3 | NM_001079869 | | 0.779605 | 0.757439 | 1.029264 |
| Zfp933 | NM_198619 | 242747 | 0.772924 | 1.18615 | 0.651624 |
| Irf6 | NM_016851 | 54139 | 0.771287 | 0.988703 | 0.7801 |
| Zscan22 | NM_001001447 | 232878 | 0.768178 | 1.16646 | 0.658555 |
| Ybx2 | NM_016875 | 53422 | 0.767415 | 3.76937 | 0.203592 |
| Med16 | NM_001163276 | 216154 | 0.763873 | 0.786522 | 0.971204 |
| Zfp27 | NM_001037707 | | 0.762225 | 1.73017 | 0.440549 |
| Zfp691 | NM_183140 | | 0.750351 | 0.854982 | 0.877622 |
| Zfp867 | NM_178417 | 237775 | 0.748261 | 1.32206 | 0.565981 |
| Ighmbp2 | NM_009212 | 20589 | 0.730992 | 0.984508 | 0.742495 |
| Zfp961 | NM_001164581 | 234413 | 0.730022 | 1.527 | 0.478076 |
| Zfp568 | NM_001033355 | 243905 | 0.726094 | 1.32535 | 0.547851 |
| Zfp354a | NM_009329 | 21408 | 0.72444 | 0.595324 | 1.216884 |
| Repin1 | NM_175099 | | 0.724054 | 0.49394 | 1.465874 |
| Gm14326 | NM_001190302 | 665001 | 0.718823 | 0.870925 | 0.825356 |
| Zfp53 | NM_013843 | 24132 | 0.709199 | 0.939174 | 0.755131 |
| Tcf7l2 | NM_001142919 | 21416 | 0.706623 | 0.637077 | 1.109164 |
| Zfp799 | NM_177359 | 240064 | 0.705768 | 1.11595 | 0.632437 |
| Zfp13 | NM_011747 | 22654 | 0.70522 | 1.27016 | 0.555221 |
| Klf15 | NM_023184 | | 0.704972 | 1.77293 | 0.397631 |
| Bhlhe41 | NM_024469 | 79362 | 0.702201 | 1.87405 | 0.374697 |
| Zfp341 | NM_199304 | 228807 | 0.701637 | 1.04945 | 0.668576 |
| Camta1 | NM_001081557 | 100072 | 0.695983 | 4.31562 | 0.161271 |
| Ctcf1 | NM_001081387 | 664799 | 0.693716 | 0.462567 | 1.499709 |
| Hdx | NM_001080549 | 245596 | 0.692183 | 0.537957 | 1.286688 |
| Zfp691 | NM_001145935 | | 0.684051 | 0.655491 | 1.04357 |
| Stat1 | NM_001205314 | 20846 | 0.683579 | 0.820672 | 0.83295 |
| Irf7 | NM_001252601 | 54123 | 0.671737 | 0.638018 | 1.05285 |
| Nrf1 | NM_001164229 | 18181 | 0.669251 | 0.479402 | 1.396012 |
| Ppargc1b | NM_133249 | 170826 | 0.668732 | 3.55831 | 0.187935 |
| Gmeb1 | NM_001122992 | | 0.668269 | 0.59247 | 1.127937 |
| Meis1 | NM_010789 | 17268 | 0.667821 | 0.790935 | 0.844344 |
| Zfp120 | NM_181266 | 104348 | 0.664365 | 1.16026 | 0.5726 |
| Rsl1 | NM_001013769 | 380855 | 0.663109 | 1.12788 | 0.587925 |
| Zfp207 | NM_001130169 | 22680 | 0.662542 | 18.724 | 0.035385 |
| Zfp446 | NM_001168562 | 269870 | 0.656221 | 0.565682 | 1.160053 |
| Sall3 | NM_178280 | 20689 | 0.655745 | 0.492763 | 1.330751 |
| Zik1 | NM_009577 | 22775 | 0.655492 | 0.770577 | 0.850651 |
| Zfp949 | NM_001142943 | | 0.655047 | 0.554014 | 1.182365 |
| Phf8 | NM_177201 | 320595 | 0.65339 | 0.637664 | 1.024662 |
| Zbtb3 | NM_001098237 | 75291 | 0.650341 | 0.795746 | 0.817272 |
| Grhl1 | NM_001161406 | 195733 | 0.647424 | 0.968823 | 0.668258 |
| Zfp329 | NM_026046 | 67230 | 0.641267 | 0.918727 | 0.697995 |
| Patz1 | NM_001253690 | 56218 | 0.638464 | 0.818146 | 0.780379 |
| Rbak | NM_021326 | | 0.637209 | 0.607301 | 1.049247 |
| Zfp39 | NM_011758 | 22698 | 0.626612 | 0.796623 | 0.786585 |

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|---------------|--------------|-----------|----------|----------|----------|
| Zfp605 | NM_001163996 | 675812 | 0.62478 | 1.3925 | 0.448675 |
| Zfp760 | NM_001008501 | 240034 | 0.623804 | 0.824498 | 0.756586 |
| Pms1 | NM_153556 | 227099 | 0.622091 | 0.782847 | 0.794652 |
| Tox | NM_145711 | 252838 | 0.609506 | 1.1303 | 0.539243 |
| Sox6 | NM_001025559 | 20679 | 0.609028 | 0.814984 | 0.747288 |
| Zfp607 | NM_001024726 | 545938 | 0.604323 | 0.967931 | 0.624345 |
| Ppp1r1b | NM_144828 | 19049 | 0.593337 | 11.918 | 0.049785 |
| Irx1 | NM_010573 | 16371 | 0.591806 | 3.08271 | 0.191976 |
| Meis2 | NM_001159567 | 17536 | 0.584369 | 0.747824 | 0.781426 |
| Wiz | NM_011717 | 22404 | 0.581072 | 0.961555 | 0.604304 |
| Irx2 | NM_010574 | 16372 | 0.580008 | 1.97904 | 0.293075 |
| Gm14322 | NM_001243903 | 626802 | 0.573364 | 0.453805 | 1.263459 |
| Tbx5 | NM_011537 | 21388 | 0.569986 | 7.14428 | 0.079782 |
| Zbtb16 | NM_001033324 | 235320 | 0.556491 | 1.38806 | 0.400913 |
| Irf4 | NM_013674 | 16364 | 0.554998 | 0.436308 | 1.272033 |
| Gata3 | NM_008091 | 14462 | 0.553429 | 0.529448 | 1.045294 |
| Tbx3 | NM_011535 | 21386 | 0.552552 | 2.34794 | 0.235335 |
| Zbtb26 | NM_199025 | 320633 | 0.54974 | 0.736627 | 0.746294 |
| Zfhx2 | NM_001039198 | 239102 | 0.542064 | 1.08309 | 0.500479 |
| Zfp111 | NM_019940 | 56707 | 0.540858 | 0.764999 | 0.707005 |
| Hoxa3 | NM_010452 | 15400 | 0.535915 | 1.02531 | 0.522686 |
| Zfp947 | NM_177596 | 210853 | 0.534246 | 0.601237 | 0.888578 |
| Six4 | NM_011382 | 20474 | 0.533455 | 0.836175 | 0.637971 |
| A1987944 | NM_001199330 | 233168 | 0.530124 | 1.17197 | 0.452336 |
| Zfp184 | NM_183014 | | 0.524948 | 0.552672 | 0.949836 |
| Zfp672 | NM_001256518 | | 0.521835 | 1.10613 | 0.471766 |
| Zfp3 | NM_177565 | 193043 | 0.518903 | 2.04944 | 0.253193 |
| Homez | NM_001177705 | | 0.503343 | 0.67472 | 0.746003 |
| Gm13212 | NM_001205101 | 433801 | 0.503294 | 1.06379 | 0.473114 |
| Zfp839 | NM_001199785 | 72805 | 0.501682 | 0.776085 | 0.646427 |
| Tcf20 | NM_001114140 | 21411 | 0.499976 | 1.99884 | 0.250133 |
| Zfp398 | NM_027477 | 272347 | 0.497003 | 0.817056 | 0.608285 |
| Zfp54 | NM_011760 | | 0.494504 | 0.391749 | 1.262298 |
| Tfdp2 | NM_178667 | 211586 | 0.485274 | 0.457433 | 1.060864 |
| Pias3 | NM_018812 | 229615 | 0.476916 | 0.401653 | 1.187383 |
| Ankra2 | NM_001271389 | 68558 | 0.473133 | 0.485611 | 0.974305 |
| Aff2 | NM_008032 | 14266 | 0.472698 | 1.42236 | 0.332334 |
| Zfp873 | NM_001024626 | 408062 | 0.47093 | 1.35995 | 0.346285 |
| Thrsp | NM_009381 | 21835 | 0.462094 | 2.24922 | 0.205446 |
| Nr5a2 | NM_001159769 | | 0.461062 | 3.88073 | 0.118808 |
| Zkscan4 | NM_001039115 | 544922 | 0.4578 | 0.663108 | 0.690385 |
| 9130023H24Rik | NM_177001 | 100043133 | 0.44925 | 0.956549 | 0.469657 |
| Zfp677 | NM_172486 | | 0.442472 | 0.320398 | 1.381007 |
| Gm5595 | NM_001008427 | 434179 | 0.439504 | 0.827469 | 0.531143 |
| Zfp386 | NM_001004066 | 56220 | 0.435178 | 1.73895 | 0.250253 |
| Gtf2i | NM_001080746 | 14886 | 0.433892 | 1.03696 | 0.418427 |

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| Hoxb4 | NM_010459 | 15412 | 0.433707 | 1.0477 | 0.413961 |
| Zfp41 | NM_001044718 | | 0.431113 | 1.22026 | 0.353296 |
| Lhx2 | NM_010710 | 16870 | 0.429395 | 0.292043 | 1.470314 |
| Bnc1 | NM_007562 | 12173 | 0.426587 | 0.38884 | 1.097076 |
| Crem | NM_001271506 | 12916 | 0.425616 | 0.304674 | 1.396955 |
| Phox2a | NM_008887 | 11859 | 0.424763 | 0.550392 | 0.771746 |
| Zscan20 | NM_177758 | 269585 | 0.424209 | 0.436022 | 0.972907 |
| Zfp128 | NM_153802 | 243833 | 0.422268 | 0.76686 | 0.550645 |
| Crem | NM_001110852 | 12916 | 0.422202 | 0.547587 | 0.771023 |
| Zfp473 | NM_178734 | | 0.421529 | 0.342568 | 1.230497 |
| Lhx6 | NM_001083127 | 16874 | 0.421201 | 0.846486 | 0.497588 |
| Zfp383 | NM_172740 | | 0.420098 | 0.52173 | 0.805202 |
| Zfp672 | NM_001256520 | | 0.419375 | 0.661404 | 0.634068 |
| Zfp113 | NM_019747 | 56314 | 0.418189 | 0.572955 | 0.729881 |
| Cebpe | NM_207131 | 110794 | 0.416096 | 0.352826 | 1.179324 |
| Ppara | NM_001113418 | | 0.412798 | 0.970109 | 0.425517 |
| Rbpj | NM_001080928 | | 0.410301 | 0 | #DIV/0! |
| Zbtb44 | NM_172765 | 235132 | 0.405385 | 0.943944 | 0.429459 |
| Zfp286 | NM_138949 | 192651 | 0.402166 | 0.384664 | 1.045499 |
| Thrb | NM_001113417 | 21834 | 0.398601 | 0.326297 | 1.22159 |
| Gtf2ird1 | NM_001081464 | 57080 | 0.394566 | 2.68293 | 0.147065 |
| Repin1 | NM_001079902 | | 0.394394 | 0.836711 | 0.471362 |
| Zfp775 | NM_173429 | 243372 | 0.391545 | 0.690713 | 0.566871 |
| Vdr | NM_009504 | 22337 | 0.39045 | 0.555987 | 0.702265 |
| Prdm6 | NM_001033281 | 225518 | 0.388591 | 0.841969 | 0.461526 |
| Camta2 | NM_178116 | | 0.387451 | 0.497442 | 0.778887 |
| Atf5 | NM_030693 | 107503 | 0.382426 | 0.580902 | 0.658331 |
| Cux2 | NM_007804 | | 0.375965 | 1.19503 | 0.314607 |
| Zfp62 | NM_001024846 | | 0.372029 | 0.504611 | 0.737259 |
| Meis2 | NM_001159570 | 17536 | 0.371162 | 0.296049 | 1.253718 |
| Zfp738 | NM_001001187 | 408068 | 0.370221 | 0.665911 | 0.555962 |
| Zfp458 | NM_001001152 | 238690 | 0.369926 | 0.436408 | 0.847661 |
| Hoxd8 | NM_008276 | 15437 | 0.365752 | 0.577758 | 0.633054 |
| Zfp595 | NM_177622 | 218314 | 0.365121 | 0.482773 | 0.7563 |
| Zfp11 | NM_172462 | 22648 | 0.364437 | 0.62875 | 0.579621 |
| Nfe2 | NM_008685 | | 0.364268 | 0.909096 | 0.400693 |
| Smad5 | NM_001164041 | | 0.363808 | 0.384223 | 0.946867 |
| Ikzf4 | NM_011772 | 22781 | 0.362062 | 0.447276 | 0.809482 |
| Zfp940 | NM_173738 | 233057 | 0.361327 | 0.36102 | 1.00085 |
| Zfp661 | NM_028141 | | 0.358366 | 0.29953 | 1.196428 |
| Rorc | NM_011281 | 19885 | 0.355109 | 4.32471 | 0.082112 |
| Eaf2 | NM_134111 | 106389 | 0.349702 | 0.360217 | 0.970809 |
| Gtf2i | NM_001080747 | 14886 | 0.349088 | 0.408356 | 0.854862 |
| Zfp287 | NM_133208 | 170740 | 0.347186 | 0.515332 | 0.673713 |
| Zfp433 | NM_001243067 | 73610 | 0.324995 | 0.305274 | 1.064601 |
| Zscan21 | NM_001044704 | | 0.321853 | 0.30791 | 1.045283 |

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|---------------|--------------|--------|----------|----------|----------|
| Asb12 | NM_080858 | 70392 | 0.320782 | 3.44809 | 0.093032 |
| Zfp708 | NM_001012448 | 432769 | 0.320606 | 0.303498 | 1.056369 |
| AI987944 | NM_183167 | 233168 | 0.310375 | 0.467748 | 0.663552 |
| 3110052M02Rik | NM_001166497 | 73229 | 0.309661 | 0.404774 | 0.765022 |
| Sox6 | NM_001025560 | 20679 | 0.308463 | 0.879548 | 0.350706 |
| Ahrr | NM_009644 | 11624 | 0.307139 | 1.59319 | 0.192782 |
| Creb3l4 | NM_030080 | | 0.305206 | 0.33524 | 0.91041 |
| Tlx1 | NM_021901 | 21908 | 0.304916 | 0.913739 | 0.333701 |
| Zfp931 | NM_001162922 | 353208 | 0.302896 | 0.75629 | 0.400502 |
| Ikzf1 | NM_001025597 | 22778 | 0.300922 | 0.526794 | 0.571233 |
| Zfp790 | NM_001145880 | | 0.300692 | 0.598903 | 0.502071 |
| Pou2f1 | NM_011137 | 18986 | 0.298596 | 0.373709 | 0.799007 |
| Tfcp2l1 | NM_023755 | 81879 | 0.298219 | 0.381787 | 0.781114 |
| Runx1 | NM_009821 | 12394 | 0.298206 | 0.40774 | 0.731363 |
| Klf8 | NM_173780 | | 0.296379 | 0.418789 | 0.707705 |
| Esrrg | NM_011935 | | 0.291174 | 3.24445 | 0.089745 |
| Zfp709 | NM_145624 | 236193 | 0.290077 | 0.276519 | 1.049031 |
| Rfx3 | NM_001166414 | 19726 | 0.28999 | 0.330066 | 0.878582 |
| Smad9 | NM_019483 | 55994 | 0.289075 | 0.298951 | 0.966964 |
| Zfp563 | NM_001024950 | 240068 | 0.28625 | 0.357345 | 0.801047 |
| Zfp14 | NM_178733 | 243906 | 0.285368 | 0.681628 | 0.418657 |
| Zfp937 | NM_001142411 | 245174 | 0.282772 | 0.290252 | 0.974229 |
| Nr1h3 | NM_013839 | | 0.281983 | 0.208989 | 1.349272 |
| Zfp120 | NM_023266 | 104348 | 0.281633 | 0.440132 | 0.639883 |
| Prox2 | NM_175198 | 73422 | 0.280582 | 0.245978 | 1.140679 |
| Nr3c2 | NM_001083906 | | 0.279919 | 1.10155 | 0.254114 |
| Zfp182 | NM_001111076 | | 0.279722 | 0.194517 | 1.438034 |
| A430033K04Rik | NM_183025 | 243308 | 0.278634 | 0.649651 | 0.428898 |
| Zfp93 | NM_009567 | 22755 | 0.273984 | 0.687871 | 0.398307 |
| Zfp296 | NM_022409 | 63872 | 0.272926 | 0.376427 | 0.725044 |
| Gtf2ird1 | NM_020331 | 57080 | 0.270135 | 1.04378 | 0.258805 |
| Zfp951 | NM_001039231 | 626391 | 0.268486 | 0.24374 | 1.101526 |
| Zfp712 | NM_001166218 | 78251 | 0.267528 | 0.35817 | 0.74693 |
| Cdkn2a | NM_009877 | 12578 | 0.259631 | 0.216525 | 1.199081 |
| Zkscan8 | NM_139141 | 93681 | 0.258582 | 0.964684 | 0.268048 |
| Nfe2l3 | NM_010903 | 18025 | 0.257131 | 0.504303 | 0.509874 |
| Foxd2 | NM_008593 | 17301 | 0.255175 | 0.394234 | 0.647268 |
| Zscan21 | NM_011757 | | 0.253419 | 0.423923 | 0.597795 |
| Zfp219 | NM_027248 | | 0.245231 | 0.68802 | 0.35643 |
| Zfp456 | NM_001001186 | 408065 | 0.245199 | 0.365465 | 0.670923 |
| Mta3 | NM_001171052 | 116871 | 0.24276 | 0.175798 | 1.380903 |
| Pou2f2 | NM_011138 | 18987 | 0.237216 | 0 | #DIV/0! |
| Zfp182 | NM_001013387 | | 0.231613 | 0.350195 | 0.661383 |
| Bhlha15 | NM_010800 | 17341 | 0.231605 | 0.156823 | 1.476856 |
| Zfp551 | NM_001033820 | 619331 | 0.231543 | 0.334333 | 0.692552 |
| Lef1 | NM_001276402 | 16842 | 0.22918 | 0.198925 | 1.152092 |

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|---------------|--------------|--------|----------|----------|----------|
| Zfp41 | NM_011759 | | 0.227227 | 0.312282 | 0.727634 |
| AU041133 | NM_001163064 | 216177 | 0.227077 | 0.493709 | 0.459941 |
| Zfp112 | NM_021307 | 57745 | 0.226349 | 0.595919 | 0.379832 |
| Eomes | NM_010136 | 13813 | 0.225337 | 0.307693 | 0.732344 |
| Irf1 | NM_001159396 | 16362 | 0.224183 | 0.480939 | 0.466136 |
| Hmga1 | NM_001166545 | | 0.220262 | 0.17041 | 1.292542 |
| Zfp27 | NM_011754 | | 0.219721 | 0.281947 | 0.779299 |
| 2810021J22Rik | NM_172403 | 69944 | 0.218313 | 0.228936 | 0.953598 |
| Zkscan8 | NM_001251833 | 93681 | 0.214634 | 0.191059 | 1.123391 |
| Ppara | NM_011144 | | 0.213203 | 1.48668 | 0.143409 |
| Hoxa2 | NM_010451 | 15399 | 0.211859 | 0.504965 | 0.419552 |
| 1700049G17Rik | NM_028538 | 73430 | 0.20957 | 0.350241 | 0.598359 |
| Hoxa4 | NM_008265 | 15401 | 0.209016 | 0.597481 | 0.349829 |
| Lhx6 | NM_008500 | 16874 | 0.207086 | 0.653599 | 0.31684 |
| Zfp273 | NM_198322 | 212569 | 0.206128 | 0.341154 | 0.604208 |
| Zfp2 | NM_001044700 | | 0.205888 | 0.212032 | 0.971023 |
| Zfp882 | NM_001166645 | 382019 | 0.201298 | 0.227161 | 0.886147 |
| Nr2f2 | NM_183261 | 11819 | 0.198507 | 0.346756 | 0.572469 |
| Zfp109 | NM_020262 | 56869 | 0.197365 | 0.393374 | 0.501724 |
| Zfp442 | NM_001177550 | 668923 | 0.195918 | 0.264048 | 0.741979 |
| Zfp791 | NM_001037745 | 244556 | 0.194991 | 0.263495 | 0.740018 |
| Klf1 | NM_010635 | 16596 | 0.192086 | 0.254936 | 0.753468 |
| Klf14 | NM_001135093 | 619665 | 0.186808 | 0.351685 | 0.53118 |
| C030039L03Rik | NM_001112731 | 112415 | 0.186407 | 0.208165 | 0.895477 |
| Zfp446 | NM_175558 | 269870 | 0.18639 | 0.264714 | 0.704118 |
| Stat1 | NM_001205313 | 20846 | 0.185621 | 0.422051 | 0.439807 |
| Ikzf2 | NM_011770 | 22779 | 0.18197 | 0.207598 | 0.87655 |
| AW146154 | NM_001033530 | 101835 | 0.181521 | 0.342532 | 0.529939 |
| Zfp454 | NM_172794 | | 0.181192 | 0.261124 | 0.693893 |
| Zfp94 | NM_009568 | 22756 | 0.181076 | 0.292831 | 0.618363 |
| Orc2 | NM_001025378 | 18393 | 0.179474 | 0.451761 | 0.397276 |
| Rreb1 | NM_026830 | | 0.178599 | 0.396886 | 0.450001 |
| Stat4 | NM_011487 | | 0.178323 | 0.154548 | 1.153836 |
| Zfp418 | NM_146179 | 232854 | 0.178062 | 0.370157 | 0.481045 |
| Meis2 | NM_001159569 | 17536 | 0.176579 | 0.308752 | 0.571912 |
| Gata1 | NM_008089 | 14460 | 0.176353 | 0.183998 | 0.958451 |
| Batf2 | NM_028967 | 74481 | 0.175822 | 0.185007 | 0.950353 |
| Sox6 | NM_011445 | 20679 | 0.174898 | 0.23589 | 0.741439 |
| Gata5 | NM_008093 | 14464 | 0.173933 | 0.30206 | 0.575823 |
| Gabpb1 | NM_001271470 | 14391 | 0.173333 | 0.304289 | 0.569633 |
| Grhl3 | NM_001013756 | 230824 | 0.172661 | 0.366344 | 0.471308 |
| Stat5b | NM_011489 | | 0.172025 | 0.213789 | 0.804649 |
| Zfp108 | NM_018791 | 54678 | 0.171254 | 0.215771 | 0.793684 |
| Zfp459 | NM_177811 | 328274 | 0.170145 | 0.25975 | 0.655034 |
| Mlxipl | NM_021455 | 58805 | 0.169085 | 0.876802 | 0.192843 |
| Zfp455 | NM_001048204 | 218311 | 0.165787 | 0.25067 | 0.661376 |

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|----------|--------------|-----------|----------|----------|----------|
| Egr4 | NM_020596 | 13656 | 0.16575 | 0.165108 | 1.003888 |
| Esrrb | NM_001159500 | 26380 | 0.164783 | 1.33377 | 0.123547 |
| Mtf2 | NM_001253880 | 17765 | 0.160586 | 0.195405 | 0.821811 |
| Lbx2 | NM_010692 | 16815 | 0.158102 | 0.179357 | 0.881493 |
| Crem | NM_001271505 | 12916 | 0.149823 | 0.123643 | 1.211739 |
| Tardbp | NM_001008545 | 230908 | 0.149293 | 0.142346 | 1.048804 |
| Hoxa1 | NM_010449 | 15394 | 0.148251 | 0.305914 | 0.484617 |
| Zfp763 | NM_028543 | 73451 | 0.144585 | 0.309271 | 0.467503 |
| Lhx9 | NM_001042577 | 16876 | 0.143532 | 0 | #DIV/0! |
| Crem | NM_001271503 | 12916 | 0.143295 | 0.106447 | 1.346163 |
| Prdm16 | NM_001177995 | 70673 | 0.141986 | 0.795778 | 0.178424 |
| Rslcan18 | NM_001256052 | 432770 | 0.141436 | 0.219607 | 0.644041 |
| Esrrg | NM_001243792 | | 0.140795 | 1.15855 | 0.121527 |
| Zfp759 | NM_172392 | 268670 | 0.140345 | 0.320612 | 0.437741 |
| Hand1 | NM_008213 | 15110 | 0.138885 | 0.547684 | 0.253586 |
| Zfp672 | NM_178761 | | 0.136529 | 0.555339 | 0.245848 |
| Bcl11a | NM_016707 | 14025 | 0.136212 | 0.430316 | 0.316539 |
| Spib | NM_019866 | 272382 | 0.133315 | 0.258337 | 0.516051 |
| Gm14124 | NM_001142410 | 100216455 | 0.132639 | 0.108472 | 1.222795 |
| Zfp641 | NM_173769 | 239652 | 0.130609 | 0.669628 | 0.195047 |
| Zfp599 | NM_181419 | 235048 | 0.130146 | 0.21836 | 0.596016 |
| Zfp72 | NM_001081680 | 238722 | 0.129666 | 0.39058 | 0.331983 |
| Tfap2e | NM_198960 | 332937 | 0.126958 | 0.089272 | 1.422151 |
| Mef2b | NM_001045484 | 17259 | 0.121059 | 0.126894 | 0.954017 |
| Nudt12 | NM_026497 | 67993 | 0.120573 | 1.06624 | 0.113082 |
| Pou2f2 | NM_001163555 | 18987 | 0.119344 | 0.187325 | 0.637096 |
| Six1 | NM_009189 | 20471 | 0.119326 | 0.111715 | 1.068129 |
| Zfp934 | NM_175252 | 77117 | 0.119033 | 0.208102 | 0.571994 |
| Tfeb | NM_011549 | | 0.116977 | 0 | #DIV/0! |
| Rfx8 | NM_001145660 | 619289 | 0.11523 | 0.316613 | 0.363946 |
| Mzf1 | NM_145819 | | 0.113515 | 0.15378 | 0.738165 |
| Crem | NM_001110859 | 12916 | 0.112059 | 0.271812 | 0.412267 |
| Zfp60 | NM_009560 | | 0.110956 | 0.23003 | 0.482354 |
| T | NM_009309 | 20997 | 0.108521 | 0.128685 | 0.843307 |
| Mitf | NM_001178049 | 17342 | 0.107783 | 3.4801 | 0.030971 |
| Myb | NM_010848 | 17863 | 0.107391 | 0.549115 | 0.195571 |
| Ankrd7 | NM_029202 | 75196 | 0.107368 | 0.085421 | 1.256927 |
| Crem | NM_001110851 | 12916 | 0.107228 | 0.078063 | 1.373603 |
| Hoxb5 | NM_008268 | 15413 | 0.105338 | 0.290945 | 0.362055 |
| Zfp467 | NM_001085416 | | 0.102764 | 0.097807 | 1.050679 |
| Zfp300 | NM_183185 | 245368 | 0.100295 | 0.075274 | 1.332401 |
| Mlxip | NM_177582 | 208104 | 0.099942 | 0.178223 | 0.560771 |
| Zfp78 | NM_001025163 | 330463 | 0.098425 | 0.151702 | 0.648806 |
| Npas1 | NM_008718 | 18142 | 0.098403 | 0.110588 | 0.889818 |
| Arhgap17 | NM_001122642 | 70497 | 0.098097 | 0.108426 | 0.904734 |
| Sp5 | NM_022435 | 64406 | 0.098096 | 0.115254 | 0.85113 |

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|---------|--------------|--------|----------|----------|----------|
| Bhlhe41 | NM_001271768 | 79362 | 0.095647 | 0.272259 | 0.351309 |
| Bcl11a | NM_001159290 | 14025 | 0.094605 | 0.139236 | 0.67946 |
| Tbx15 | NM_009323 | 21384 | 0.094069 | 0.065359 | 1.439269 |
| Myrfl | NM_001033333 | 237558 | 0.093763 | 0.177075 | 0.529509 |
| Elf3 | NM_007921 | 13710 | 0.092211 | 0.174546 | 0.528291 |
| Pgbd1 | NM_001162920 | 319207 | 0.090169 | 0.520349 | 0.173285 |
| Sox30 | NM_173384 | 214105 | 0.090005 | 0.082017 | 1.097392 |
| Hsf4 | NM_001256042 | 26386 | 0.088705 | 0.17872 | 0.496335 |
| Ovol1 | NM_019935 | 18426 | 0.08782 | 0.091945 | 0.955133 |
| Fbxo24 | NM_027708 | 71176 | 0.087721 | 0.10195 | 0.86043 |
| Isl1 | NM_021459 | 16392 | 0.086366 | 0.221295 | 0.390277 |
| Ppp1r27 | NM_026814 | 68701 | 0.084583 | 0.079932 | 1.05818 |
| Repin1 | NM_001079905 | | 0.084169 | 0.125897 | 0.668556 |
| Bcl11a | NM_001242934 | 14025 | 0.08286 | 0.408358 | 0.202909 |
| Pitx2 | NM_001042502 | 18741 | 0.082707 | 2.16834 | 0.038143 |
| Lef1 | NM_001276403 | 16842 | 0.082642 | 0.111921 | 0.738399 |
| Vax2 | NM_011912 | 24113 | 0.082242 | 0 | #DIV/0! |
| Snai3 | NM_013914 | 30927 | 0.082052 | 0.490089 | 0.167422 |
| Hoxb3 | NM_010458 | | 0.081748 | 0.203789 | 0.40114 |
| Zfp174 | NM_001081217 | 385674 | 0.081738 | 0.244132 | 0.334811 |
| Zkscan7 | NM_001177505 | 382118 | 0.081241 | 0.450419 | 0.180367 |
| Prdm16 | NM_027504 | 70673 | 0.079421 | 0.544224 | 0.145934 |
| Rxrg | NM_009107 | 20183 | 0.079362 | 0.294411 | 0.269563 |
| Hes5 | NM_010419 | 15208 | 0.079246 | 0.105113 | 0.753913 |
| Lhx6 | NM_001083126 | 16874 | 0.078991 | 0.304624 | 0.259305 |
| Irx3 | NM_001253822 | 16373 | 0.077262 | 0.143861 | 0.537058 |
| Smad2 | NM_001252481 | 17126 | 0.07611 | 0 | #DIV/0! |
| Kat7 | NM_177619 | 217127 | 0.075593 | 0.0616 | 1.227161 |
| Dlx5 | NM_010056 | 13395 | 0.074387 | 0.195388 | 0.380712 |
| Ehmt1 | NM_001109686 | 77683 | 0.073776 | 0.19492 | 0.378492 |
| Chgb | NM_007694 | 12653 | 0.073708 | 0.124307 | 0.592952 |
| Ikzf1 | NM_009578 | 22778 | 0.073675 | 0.158055 | 0.466135 |
| Tbr1 | NM_009322 | 21375 | 0.0725 | 0.055797 | 1.299364 |
| Mkx | NM_177595 | 210719 | 0.071895 | 0.079625 | 0.902924 |
| Esrrb | NM_011934 | 26380 | 0.07077 | 0.209207 | 0.338278 |
| Hoxb9 | NM_008270 | 15417 | 0.068955 | 0.061081 | 1.128906 |
| Zfp773 | NM_029584 | 76373 | 0.068701 | 0.087917 | 0.78143 |
| Tead3 | NM_001204156 | 21678 | 0.067426 | 0.089577 | 0.752714 |
| Gbx2 | NM_010262 | 14472 | 0.066903 | 0.054304 | 1.232019 |
| Zfp114 | NM_001029933 | 232966 | 0.066851 | 0.0888 | 0.75283 |
| Zfp612 | NM_175480 | 234725 | 0.065969 | 0.677198 | 0.097415 |
| Grhl2 | NM_026496 | 252973 | 0.065361 | 0.270808 | 0.241354 |
| Sp4 | NM_001166385 | 20688 | 0.06453 | 0 | #DIV/0! |
| Zfp457 | NM_001003666 | 431706 | 0.063512 | 0.153825 | 0.412884 |
| Bcl11b | NM_021399 | 58208 | 0.062944 | 0.260452 | 0.241672 |
| Tfeb | NM_001161723 | | 0.062418 | 0.070089 | 0.890563 |

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| Zkscan2 | NM_001081329 | 210162 | 0.060983 | 0.19721 | 0.309226 |
| Esr2 | NM_010157 | 13983 | 0.060173 | 0.098353 | 0.61181 |
| Zfp879 | NM_173387 | 214779 | 0.058455 | 0.120799 | 0.483903 |
| Ankrd45 | NM_028664 | 73844 | 0.05723 | 0.510773 | 0.112046 |
| Cers3 | NM_001164201 | 545975 | 0.056581 | 0.065799 | 0.859911 |
| Sowahb | NM_175270 | 78088 | 0.056458 | 0.25879 | 0.218161 |
| Zfp354b | NM_013744 | 27274 | 0.056287 | 0.166181 | 0.338711 |
| Insm1 | NM_016889 | 53626 | 0.056038 | 0.07447 | 0.752489 |
| Lef1 | NM_010703 | 16842 | 0.055472 | 0.279522 | 0.198452 |
| Satb1 | NM_009122 | 20230 | 0.054761 | 0.072485 | 0.755474 |
| Pou3f3 | NM_008900 | 18993 | 0.052713 | 0.063381 | 0.831683 |
| Foxg1 | NM_008241 | | 0.051338 | 0.041718 | 1.230598 |
| Scrt1 | NM_130893 | 170729 | 0.051057 | 0.04022 | 1.269436 |
| Bhlhe22 | NM_021560 | 59058 | 0.05051 | 0.067129 | 0.752438 |
| Tfdp2 | NM_001184708 | 211586 | 0.050504 | 0 | #DIV/0! |
| Ciita | NM_001243760 | 12265 | 0.048564 | 0.035938 | 1.351322 |
| Lhx4 | NM_010712 | 16872 | 0.047593 | 0 | #DIV/0! |
| Gm2026 | NM_001177543 | 100039060 | 0.04653 | 0.06186 | 0.752177 |
| Nr0b2 | NM_011850 | 23957 | 0.046135 | 1.16208 | 0.0397 |
| Rfx2 | NM_027787 | 19725 | 0.045616 | 0.05593 | 0.815585 |
| Lhx1 | NM_008498 | 16869 | 0.045059 | 0.041163 | 1.094666 |
| Msx2 | NM_013601 | 17702 | 0.043794 | 0.106643 | 0.410662 |
| Zkscan8 | NM_001251834 | 93681 | 0.043641 | 0.076817 | 0.568122 |
| Alx4 | NM_007442 | 11695 | 0.04327 | 0.046026 | 0.940127 |
| Sox3 | NM_009237 | 20675 | 0.042205 | 0.219117 | 0.192613 |
| Rxrg | NM_001159731 | 20183 | 0.041461 | 0.616822 | 0.067217 |
| Nkx6-1 | NM_144955 | 18096 | 0.040286 | 0.059432 | 0.677851 |
| Zfp786 | NM_177882 | 330301 | 0.038254 | 0.083509 | 0.458077 |
| Zic2 | NM_009574 | 22772 | 0.036363 | 0.041419 | 0.877923 |
| Dlx1 | NM_010053 | 13390 | 0.036203 | 0.037004 | 0.978346 |
| Isx | NM_027837 | 71597 | 0.035876 | 0.035725 | 1.004227 |
| Nr2e3 | NM_013708 | 23958 | 0.035781 | 0 | #DIV/0! |
| Rhox8 | NM_001004193 | 434768 | 0.035165 | 0.037307 | 0.942584 |
| Zfp493 | NM_028402 | 72958 | 0.035124 | 0.056017 | 0.627013 |
| Gm13247 | NM_001243138 | 102641165 | 0.035093 | 0.036644 | 0.957676 |
| Sox2 | NM_011443 | 20674 | 0.034971 | 0.04646 | 0.752711 |
| Nkx2-1 | NM_001146198 | | 0.034729 | 0.032293 | 1.07545 |
| Arx | NM_007492 | | 0.034072 | 0.02641 | 1.290157 |
| Ralgapa1 | NM_019994 | 56784 | 0.033995 | 0.047848 | 0.710488 |
| Sp6 | NM_031183 | | 0.033993 | 0.096384 | 0.352683 |
| Dmrta1 | NM_175647 | 242523 | 0.033488 | 0.081614 | 0.410316 |
| Fev | NM_153111 | 260298 | 0.033365 | 0.088553 | 0.376774 |
| Eaf2 | NM_001113401 | 106389 | 0.033328 | 0.035363 | 0.942445 |
| Lin28b | NM_001031772 | 380669 | 0.033292 | 0.094065 | 0.35392 |
| Sox21 | NM_177753 | 223227 | 0.032035 | 0.034599 | 0.925904 |
| Zfp94 | NM_001199321 | 22756 | 0.031876 | 0.064601 | 0.493424 |

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|----------|--------------|-----------|----------|----------|----------|
| Alx1 | NM_172553 | | 0.031284 | 0.03325 | 0.940867 |
| Mixl1 | NM_013729 | 27217 | 0.030873 | 0 | #DIV/0! |
| Pitx2 | NM_001042504 | 18741 | 0.030565 | 0.869511 | 0.035152 |
| Pou6f2 | NM_175006 | 218030 | 0.029934 | 0.029819 | 1.003877 |
| Nfatc2 | NM_001037177 | 18019 | 0.028302 | 0.093673 | 0.302137 |
| Bhlha9 | NM_177182 | 320522 | 0.028104 | 0 | #DIV/0! |
| Gfi1b | NM_008114 | 14582 | 0.028093 | 0.124356 | 0.225909 |
| Zfp352 | NM_153102 | 236537 | 0.027811 | 0.023089 | 1.204506 |
| Zfp661 | NM_001111029 | | 0.027774 | 0.258209 | 0.107565 |
| Zfp536 | NM_172385 | | 0.027392 | 0.318638 | 0.085965 |
| Insm2 | NM_020287 | 56856 | 0.027263 | 0.019762 | 1.379521 |
| Myf6 | NM_008657 | 17878 | 0.027031 | 0 | #DIV/0! |
| Hoxb1 | NM_008266 | 15407 | 0.026688 | 0.035446 | 0.752936 |
| Hoxd3 | NM_010468 | 15434 | 0.026593 | 0.038871 | 0.684117 |
| Atoh7 | NM_016864 | 53404 | 0.026337 | 0 | #DIV/0! |
| Nkx2-3 | NM_008699 | 18089 | 0.026206 | 0.029834 | 0.878397 |
| Rfx4 | NM_027689 | 71137 | 0.02574 | 0.02488 | 1.03457 |
| Rara | NM_001177302 | | 0.025639 | 0.06526 | 0.392881 |
| Rbpjl | NM_009036 | 19668 | 0.025433 | 0.038013 | 0.669076 |
| Nanog | NM_028016 | | 0.024559 | 0.154767 | 0.158685 |
| Hsf3 | NM_172931 | 245525 | 0.024212 | 0.042872 | 0.56476 |
| Fank1 | NM_025850 | 66930 | 0.024185 | 0.032118 | 0.75301 |
| Myt1l | NM_001093776 | 17933 | 0.023245 | 0 | #DIV/0! |
| Nkx3-2 | NM_007524 | 12020 | 0.022983 | 0 | #DIV/0! |
| Tulp2 | NM_008807 | 56734 | 0.022875 | 0.018215 | 1.255844 |
| Lin28a | NM_145833 | 83557 | 0.021942 | 0.020415 | 1.074808 |
| Cml3 | NM_001037842 | 93674 | 0.021789 | 0.028932 | 0.753125 |
| Rhox6 | NM_008955 | 19202 | 0.021015 | 0.027824 | 0.755291 |
| Lmx1b | NM_010725 | 16917 | 0.020836 | 0.018422 | 1.131057 |
| Pax1 | NM_008780 | 18503 | 0.02061 | 0 | #DIV/0! |
| Foxp3 | NM_001199348 | | 0.020592 | 0.019158 | 1.074874 |
| Rreb1 | NM_001039188 | | 0.020536 | 0.041605 | 0.493583 |
| Rhox9 | NM_023894 | 104384 | 0.02051 | 0 | #DIV/0! |
| Esx1 | NM_007957 | 13984 | 0.020355 | 0.033772 | 0.602708 |
| Nkx2-9 | NM_008701 | 18094 | 0.020123 | 0.05338 | 0.376976 |
| Sohlh2 | NM_028937 | 74434 | 0.020023 | 0 | #DIV/0! |
| Hoxb7 | NM_010460 | 15415 | 0.019884 | 0.052748 | 0.376961 |
| Zfp78 | NM_177888 | 330463 | 0.01981 | 0 | #DIV/0! |
| Zkscan16 | NM_001099323 | 100041581 | 0.019382 | 0.014717 | 1.316992 |
| Nr2e1 | NM_152229 | 21907 | 0.018971 | 0.01891 | 1.003236 |
| Hoxb6 | NM_008269 | 15414 | 0.018965 | 0.025159 | 0.753815 |
| Dach2 | NM_033605 | 93837 | 0.018556 | 0.018809 | 0.986549 |
| Zfp663 | NM_001005425 | 381405 | 0.0185 | 0.086055 | 0.214973 |
| Crxos | NM_001145190 | 546024 | 0.017853 | 0.023557 | 0.757865 |
| Hnf1a | NM_009327 | 21405 | 0.016859 | 0.016004 | 1.053417 |
| Foxa1 | NM_008259 | 15375 | 0.016854 | 0.028798 | 0.585232 |

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|--------|--------------|-----------|----------|----------|----------|
| Bcl11b | NM_001079883 | 58208 | 0.016499 | 0.119002 | 0.138641 |
| Hsf5 | NM_001045527 | 327992 | 0.016387 | 0.014523 | 1.128353 |
| Dlx6 | NM_010057 | 13396 | 0.016185 | 0.021453 | 0.75444 |
| Mesp1 | NM_008588 | 17292 | 0.016077 | 0.031966 | 0.502945 |
| Lmx1a | NM_033652 | | 0.016049 | 0.012189 | 1.316701 |
| Trp63 | NM_001127265 | 22061 | 0.015833 | 0.039085 | 0.405083 |
| Trp63 | NM_001127262 | 22061 | 0.015554 | 0.01456 | 1.06824 |
| Foxl2 | NM_012020 | 26927 | 0.015462 | 0.016434 | 0.940849 |
| Foxe1 | NM_183298 | 110805 | 0.015411 | 0.020431 | 0.754305 |
| Cdx4 | NM_007674 | 12592 | 0.01532 | 0.020334 | 0.753392 |
| En1 | NM_010133 | 13798 | 0.015241 | 0 | #DIV/0! |
| Utf1 | NM_009482 | 22286 | 0.014723 | 0.019521 | 0.754185 |
| Gsc | NM_010351 | 14836 | 0.014516 | 0.028873 | 0.502764 |
| Lhx3 | NM_001039653 | 16871 | 0.014268 | 0.014214 | 1.003799 |
| Foxg1 | NM_001160112 | | 0.01404 | 0 | #DIV/0! |
| Ehf | NM_007914 | 13661 | 0.013774 | 0.052646 | 0.261634 |
| Otx1 | NM_011023 | 18423 | 0.013683 | 0.02909 | 0.470348 |
| Bcl11a | NM_001159289 | 14025 | 0.013601 | 0.336192 | 0.040455 |
| Ovol2 | NM_152947 | 107586 | 0.013429 | 0.055582 | 0.241605 |
| Gsc2 | NM_029469 | 195333 | 0.013181 | 0 | #DIV/0! |
| Zic3 | NM_009575 | 22773 | 0.013151 | 0.014985 | 0.87763 |
| Myod1 | NM_010866 | 17927 | 0.012957 | 0.017204 | 0.753108 |
| Ikzf3 | NM_011771 | 22780 | 0.01294 | 0.484109 | 0.02673 |
| Alx3 | NM_007441 | 11694 | 0.012857 | 0.011382 | 1.129648 |
| Zfp831 | NM_001099328 | 100043757 | 0.012049 | 0.027044 | 0.445548 |
| Pou4f1 | NM_011143 | 18996 | 0.012013 | 0.013307 | 0.902759 |
| Gcm1 | NM_008103 | 14531 | 0.011702 | 0.015542 | 0.752961 |
| Atoh1 | NM_007500 | 11921 | 0.01136 | 0 | #DIV/0! |
| Crem | NM_001110850 | 12916 | 0.011236 | 0.256158 | 0.043863 |
| Vgll2 | NM_153786 | 215031 | 0.011234 | 0.052175 | 0.215306 |
| Foxa2 | NM_010446 | 15376 | 0.011145 | 0.009868 | 1.129346 |
| Olig1 | NM_016968 | 50914 | 0.010899 | 0.024128 | 0.451724 |
| Ptf1a | NM_018809 | 19213 | 0.01088 | 0.028877 | 0.376754 |
| Pgr | NM_008829 | 18667 | 0.010801 | 0.022983 | 0.469982 |
| Prrxl1 | NM_001001796 | | 0.010547 | 0.020998 | 0.502298 |
| Lbx1 | NM_010691 | 16814 | 0.010523 | 0.013932 | 0.755293 |
| Foxe3 | NM_015758 | 30923 | 0.010477 | 0 | #DIV/0! |
| Sim2 | NM_011377 | 20465 | 0.010375 | 0.030338 | 0.341966 |
| Fezf2 | NM_080433 | 54713 | 0.010218 | 0 | #DIV/0! |
| Hoxc8 | NM_010466 | 15426 | 0.009916 | 0 | #DIV/0! |
| Nkx3-1 | NM_010921 | 18095 | 0.009793 | 0.019522 | 0.501636 |
| Foxr1 | NM_001033469 | 382074 | 0.009727 | 0.012912 | 0.753305 |
| Hoxd13 | NM_008275 | 15433 | 0.009426 | 0.02922 | 0.322585 |
| Zic1 | NM_009573 | | 0.009136 | 0.012143 | 0.752396 |
| Sall4 | NM_175303 | 99377 | 0.009096 | 0.101374 | 0.089731 |
| Pax3 | NM_001159520 | 18505 | 0.009061 | 0.007732 | 1.171844 |

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|---------|--------------|-----------|----------|----------|----------|
| Rhox7a | NM_001025086 | | 0.008973 | 0 | #DIV/0! |
| Pou5f1 | NM_001252452 | 18999 | 0.008885 | 0 | #DIV/0! |
| Hoxb8 | NM_010461 | 15416 | 0.008808 | 0.050712 | 0.173683 |
| Vax1 | NM_009501 | 22326 | 0.008611 | 0 | #DIV/0! |
| Six3 | NM_011381 | 20473 | 0.008276 | 0.011001 | 0.75232 |
| Gm13154 | NM_001014397 | 433804 | 0.008203 | 0.025435 | 0.322523 |
| Hoxa7 | NM_010455 | | 0.008166 | 0.108443 | 0.075303 |
| Glrp1 | NM_008132 | 14659 | 0.008139 | 0 | #DIV/0! |
| Ccdc79 | NM_180958 | 320022 | 0.00784 | 0.020836 | 0.376255 |
| St18 | NM_173868 | | 0.007782 | 0.010373 | 0.750243 |
| Olig3 | NM_053008 | 94222 | 0.00767 | 0.010186 | 0.752942 |
| Dbx1 | NM_001005232 | 13172 | 0.007625 | 0 | #DIV/0! |
| Pou4f3 | NM_138945 | 18998 | 0.007467 | 0.009901 | 0.75422 |
| Neurod2 | NM_010895 | 18013 | 0.007345 | 0.013015 | 0.564342 |
| Hmga1 | NM_001025427 | | 0.00731 | 6.71158 | 0.001089 |
| Foxh1 | NM_007989 | 14106 | 0.007019 | 0.018617 | 0.377031 |
| Pax5 | NM_008782 | 18507 | 0.007019 | 0.083778 | 0.083785 |
| Hnf4a | NM_008261 | 15378 | 0.006935 | 0.006914 | 1.002937 |
| Hoxa9 | NM_010456 | 15405 | 0.006916 | 0.022968 | 0.301124 |
| Fezf1 | NM_028462 | 73191 | 0.006799 | 0.013549 | 0.501858 |
| Dmrt3 | NM_177360 | 240590 | 0.006545 | 0 | #DIV/0! |
| Nr1i2 | NM_001098404 | 18171 | 0.006493 | 0 | #DIV/0! |
| Hoxc13 | NM_010464 | 15422 | 0.006423 | 0 | #DIV/0! |
| Tbx19 | NM_032005 | 83993 | 0.005832 | 0 | #DIV/0! |
| Tlx2 | NM_009392 | 21909 | 0.005759 | 0.038212 | 0.150724 |
| Gm13242 | NM_001103158 | 100041379 | 0.005703 | 0 | #DIV/0! |
| Neurog3 | NM_009719 | 11925 | 0.005312 | 0.014101 | 0.376731 |
| Noto | NM_001007472 | 384452 | 0.005082 | 0 | #DIV/0! |
| Tbx10 | NM_011533 | 109575 | 0.005009 | 0.006651 | 0.753175 |
| Zfp936 | NM_001034893 | 668620 | 0.004957 | 0 | #DIV/0! |
| Gsx2 | NM_133256 | 14843 | 0.004867 | 0 | #DIV/0! |
| Rax | NM_013833 | 19434 | 0.004854 | 0.025773 | 0.188325 |
| Foxr2 | NM_001034894 | 436240 | 0.004782 | 0 | #DIV/0! |
| Gsx1 | NM_008178 | 14842 | 0.004541 | 0 | #DIV/0! |
| Tbx22 | NM_145224 | 245572 | 0.004363 | 0.003862 | 1.12963 |
| Hoxd10 | NM_013554 | 15430 | 0.004329 | 0.005748 | 0.753117 |
| Nobox | NM_130869 | 18291 | 0.004221 | 0.005605 | 0.753078 |
| Nkx1-2 | NM_009123 | 20231 | 0.004196 | 0.011145 | 0.376533 |
| Mesp2 | NM_008589 | 17293 | 0.004118 | 0.005468 | 0.753042 |
| Zscan5b | NM_133204 | 170734 | 0.004042 | 0 | #DIV/0! |
| Hoxc4 | NM_013553 | 15423 | 0.004011 | 0.037285 | 0.107572 |
| Elf5 | NM_001145813 | | 0.003699 | 0.014805 | 0.249877 |
| Cdx2 | NM_007673 | 12591 | 0.003681 | 0 | #DIV/0! |
| Neurod6 | NM_009717 | 11922 | 0.003666 | 0 | #DIV/0! |
| Hnf4g | NM_013920 | 30942 | 0.003621 | 0.007221 | 0.501486 |
| Nkx6-3 | NM_029002 | 74561 | 0.003518 | 0.028042 | 0.125472 |

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| Dmrt1 | NM_015826 | 50796 | 0.003493 | 0 | #DIV/0! |
| Duxbl3 | NM_001177539 | 100039293 | 0.003359 | 0 | #DIV/0! |
| Zic5 | NM_022987 | 65100 | 0.003284 | 0 | #DIV/0! |
| Olig2 | NM_016967 | 50913 | 0.003206 | 0.004259 | 0.752721 |
| Prdm12 | NM_001123362 | 381359 | 0.003158 | 0.004196 | 0.752704 |
| Foxn1 | NM_008238 | 15218 | 0.003115 | 0 | #DIV/0! |
| Bhlhe23 | NM_080641 | 140489 | 0.003092 | 0.004109 | 0.752682 |
| Crem | NM_001110858 | 12916 | 0.003054 | 0.315894 | 0.009669 |
| Ubtfl1 | NM_001033793 | 546118 | 0.002943 | 0.00391 | 0.752628 |
| Zfp872 | NM_001033813 | 619310 | 0.002604 | 0 | #DIV/0! |
| Foxn4 | NM_148935 | 116810 | 0.002595 | 0.003448 | 0.752507 |
| Sall4 | NM_201396 | 99377 | 0.002448 | 0.050198 | 0.048761 |
| Prdm13 | NM_001080771 | 230025 | 0.002418 | 0 | #DIV/0! |
| Dach2 | NM_001142570 | 93837 | 0.002164 | 0.002419 | 0.894558 |
| Vsx1 | NM_054068 | 114889 | 0.002139 | 0 | #DIV/0! |
| Sox1 | NM_009233 | 20664 | 0.001878 | 0.002496 | 0.75225 |
| Zfp868 | NM_001045553 | 234362 | 0.001874 | 1.6296 | 0.00115 |
| L3mbtl4 | NM_177278 | 320858 | 0.00165 | 0.006581 | 0.250724 |
| Ankar | NM_176980 | 319695 | 0.001649 | 0.006577 | 0.250724 |
| Myt1 | NM_001171615 | 17932 | 0.001382 | 0.007484 | 0.184629 |
| Runx2 | NM_009820 | 12393 | 0.001225 | 0 | #DIV/0! |
| Zfp2 | NM_001044698 | | 0.001058 | 0.406138 | 0.002604 |
| Trp63 | NM_001127263 | 22061 | 0.00069 | 0.05059 | 0.013633 |
| Ciita | NM_001243761 | 12265 | 0.00042 | 0.013084 | 0.032088 |
| Zfp169 | NM_026450 | 67911 | 0.000324 | 0.410785 | 0.000789 |
| Crx | NM_007770 | 12951 | 0.000287 | 0.000293 | 0.980805 |
| Trp73 | NM_001126331 | 22062 | 0.000217 | 0 | #DIV/0! |
| Gtf2ird1 | NM_001081467 | 57080 | 0.000158 | 0.000915 | 0.173202 |
| Sp110 | NM_175397 | 109032 | 0.000145 | 0.000217 | 0.66681 |
| Rreb1 | NM_001177868 | | 0.000126 | 0 | #DIV/0! |
| Pgbd1 | NM_001012311 | 319207 | 9.65E-05 | 0.069345 | 0.001392 |
| Gfi1 | NM_001267621 | 14581 | 8.90E-05 | 0.204315 | 0.000436 |
| Zfp14 | NM_011748 | 243906 | 6.64E-05 | 6.66E-05 | 0.996997 |
| Satb1 | NM_001163632 | 20230 | 6.57E-05 | 0.116274 | 0.000565 |
| Musk | NM_001037130 | 18198 | 5.33E-05 | 0 | #DIV/0! |
| Zbtb3 | NM_133759 | 75291 | 4.16E-05 | 0.000829 | 0.05017 |
| Nr5a2 | NM_030676 | | 3.95E-05 | 3.98E-05 | 0.992462 |
| Tbx22 | NM_181319 | 245572 | 3.80E-05 | 3.86E-05 | 0.984456 |
| Zfp239 | NM_008616 | | 3.49E-05 | 0.048861 | 0.000714 |
| Myt1 | NM_001171616 | 17932 | 2.88E-05 | 3.27E-05 | 0.880734 |
| Pax6 | NM_001244201 | | 2.87E-05 | 0.005504 | 0.005214 |
| Grhl1 | NM_145890 | 195733 | 2.78E-05 | 2.88E-05 | 0.965278 |
| Myt1l | NM_001093775 | 17933 | 2.78E-05 | 0.050793 | 0.000547 |
| Mitf | NM_008601 | 17342 | 2.64E-05 | 0 | #DIV/0! |
| Elf5 | NM_010125 | | 2.04E-05 | 1.98E-05 | 1.030303 |
| Arid3c | NM_001017362 | 550619 | 1.53E-05 | 1.58E-05 | 0.968354 |

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| Nr1i2 | NM_010936 | 18171 | 1.27E-05 | 0 | #DIV/0! |
| Zfp647 | NM_001168276 | 239546 | 1.25E-05 | 1.35E-05 | 0.925926 |
| Tbx4 | NM_011536 | 21387 | 1.24E-05 | 0.044175 | 0.000281 |
| Gfi1b | NM_001160406 | 14582 | 1.22E-05 | 0.029251 | 0.000417 |
| Nr1h5 | NM_198658 | 381463 | 1.20E-05 | 0.054118 | 0.000222 |
| Zfp446 | NM_001168561 | 269870 | 1.19E-05 | 2.03E-05 | 0.586207 |
| Zfp811 | NM_001267583 | 240063 | 1.08E-05 | 2.56E-05 | 0.421875 |
| Trp63 | NM_001127264 | 22061 | 9.26E-06 | 0 | #DIV/0! |
| Esr2 | NM_207707 | 13983 | 7.85E-06 | 8.86E-05 | 0.0886 |
| St18 | NM_001244693 | | 6.94E-06 | 6.23E-06 | 1.113965 |
| Eomes | NM_001164789 | 13813 | 4.83E-06 | 7.26E-06 | 0.665289 |
| Tbx10 | NM_001001320 | 109575 | 4.76E-06 | 4.87E-06 | 0.977413 |
| Sall4 | NM_201395 | 99377 | 4.03E-06 | 0.011675 | 0.000345 |
| Barhl1 | NM_019446 | 54422 | 3.24E-06 | 0.019284 | 0.000168 |
| Tfap2c | NM_001159696 | | 3.21E-06 | 0.044422 | 7.23E-05 |
| Trp63 | NM_011641 | 22061 | 3.16E-06 | 0 | #DIV/0! |
| C030039L03Rik | NM_198417 | 112415 | 2.36E-06 | 0.033292 | 7.09E-05 |
| Pax6 | NM_001244198 | | 2.28E-06 | 0 | #DIV/0! |
| Pax3 | NM_008781 | 18505 | 1.09E-06 | 0.0194 | 5.62E-05 |
| Gm13247 | NM_001243139 | 102641165 | 7.20E-07 | 0 | #DIV/0! |
| Hoxd11 | NM_008273 | 15431 | 6.57E-07 | 0.007642 | 8.6E-05 |
| Dmbx1 | NM_130865 | 140477 | 6.22E-07 | 0.002016 | 0.000309 |
| Rfx4 | NM_001024918 | 71137 | 5.80E-07 | 5.50E-07 | 1.054545 |
| Nkx2-1 | NM_009385 | | 5.36E-07 | 4.82E-07 | 1.112033 |
| Tulp2 | NM_001045555 | 56734 | 4.13E-07 | 7.13E-06 | 0.057924 |
| Pou5f1 | NM_013633 | 18999 | 3.53E-07 | 0 | #DIV/0! |
| Crxos | NM_001033638 | 546024 | 1.94E-07 | 0 | #DIV/0! |
| Tfap2b | NM_001025305 | 21419 | 1.07E-07 | 0.000441 | 0.000243 |
| Rhox12 | NM_001025083 | 382282 | 0 | 0.012637 | 0 |
| Musk | NM_001037127 | 18198 | 0 | 1.14E-06 | 0 |
| Rbfox3 | NM_001039167 | 52897 | 0 | 0.014504 | 0 |
| Zfp2 | NM_001044699 | | 0 | 0.033322 | 0 |
| Nkx2-2 | NM_001077632 | 18088 | 0 | 0.008159 | 0 |
| Gtf2ird1 | NM_001081469 | 57080 | 0 | 0.000713 | 0 |
| Gm14393 | NM_001085546 | 664987 | 0 | 0.042546 | 0 |
| Zfp541 | NM_001099277 | 666528 | 0 | 0.002198 | 0 |
| Foxi3 | NM_001101464 | 232077 | 0 | 0.037307 | 0 |
| Crem | NM_001110856 | 12916 | 0 | 0.132886 | 0 |
| Hoxa10 | NM_001122950 | 15395 | 0 | 0.004849 | 0 |
| Trp73 | NM_001126330 | 22062 | 0 | 0.012624 | 0 |
| Trp63 | NM_001127259 | 22061 | 0 | 2.85E-06 | 0 |
| Trp63 | NM_001127260 | 22061 | 0 | 0.026185 | 0 |
| Trp63 | NM_001127261 | 22061 | 0 | 0.10535 | 0 |
| Lmo2 | NM_001142337 | 16909 | 0 | 0.230375 | 0 |
| Nr6a1 | NM_001159548 | | 0 | 1.78E-05 | 0 |
| Satb1 | NM_001163631 | 20230 | 0 | 4.03E-05 | 0 |

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| Ankrd7 | NM_001167757 | 75196 | 0 | 5.07E-06 | 0 |
| Tfdp2 | NM_001184710 | 211586 | 0 | 0.055306 | 0 |
| Crxos | NM_001205274 | 546024 | 0 | 0.0098 | 0 |
| Pax6 | NM_001244202 | | 0 | 6.06E-07 | 0 |
| Gtf2ird1 | NM_001244936 | 57080 | 0 | 0.000118 | 0 |
| Zfp672 | NM_001256519 | | 0 | 0.138333 | 0 |
| Nrl | NM_001271917 | | 0 | 0.00436 | 0 |
| Ciita | NM_007575 | 12265 | 0 | 1.51E-05 | 0 |
| Gcm2 | NM_008104 | 107889 | 0 | 0.003564 | 0 |
| Hoxa10 | NM_008263 | 15395 | 0 | 9.39E-07 | 0 |
| Hoxa13 | NM_008264 | 15398 | 0 | 0.00849 | 0 |
| Myf5 | NM_008656 | 17877 | 0 | 0.005048 | 0 |
| Pdx1 | NM_008814 | 18609 | 0 | 0.008649 | 0 |
| Phox2b | NM_008888 | 18935 | 0 | 0.057854 | 0 |
| Hnf1b | NM_009330 | 21410 | 0 | 0.018776 | 0 |
| Thrb | NM_009380 | 21834 | 0 | 4.33E-06 | 0 |
| Zfp42 | NM_009556 | 22702 | 0 | 0.023685 | 0 |
| Cdx1 | NM_009880 | 12590 | 0 | 0.012225 | 0 |
| Hesx1 | NM_010420 | 15209 | 0 | 0.019986 | 0 |
| Hoxa6 | NM_010454 | 15403 | 0 | 0.109736 | 0 |
| Hoxc6 | NM_010465 | 15425 | 0 | 0.013585 | 0 |
| Nkx2-6 | NM_010920 | 18092 | 0 | 0.0098 | 0 |
| Pax7 | NM_011039 | 18509 | 0 | 0.004703 | 0 |
| Pax8 | NM_011040 | 18510 | 0 | 0.004096 | 0 |
| Pitx1 | NM_011097 | 18740 | 0 | 0.016954 | 0 |
| Pitx2 | NM_011098 | 18741 | 0 | 0.116545 | 0 |
| Msxn1 | NM_019544 | 56184 | 0 | 0.02439 | 0 |
| Dmrtb1 | NM_019872 | 56296 | 0 | 0.005943 | 0 |
| Pmfbbp1 | NM_019938 | 56523 | 0 | 0.002991 | 0 |
| Mnx1 | NM_019944 | 15285 | 0 | 0.015023 | 0 |
| Foxb1 | NM_022378 | 64290 | 0 | 0.010292 | 0 |
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| Foxi1 | NM_023907 | 14233 | 0 | 0.004421 | 0 |
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| Pou2f1 | NM_198933 | 18986 | 0 | 0 | #DIV/0! |

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