Supplemental Table S4. Network analysis for LAC, eigenvector centrality and betweenness. The table is sorted by LAC scores.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LAC Score Rank** | **Gene/Chemical** | **LAC** | **Eigenvector Centrality** | **Betweenness** |
| 1 | CDKN1A | 9 | 0.18823062 | 3632.875 |
| 2 | TP53 | 8.441559 | 0.29399207 | 20339.184 |
| 3 | APOE | 8 | 0.11855507 | 2010.6609 |
| 4 | MYC | 7.107143 | 0.22583142 | 10966.7 |
| 5 | PPARG | 7.032258 | 0.15382959 | 5938.707 |
| 6 | YWHAQ | 6.571429 | 0.14465474 | 3228.63 |
| 7 | SMARCA4 | 6.5625 | 0.15011396 | 3361.2375 |
| 8 | RNA polymerase II | 6.5 | 0.12148509 | 700.0145 |
| 9 | RB1 | 6.3076925 | 0.13493422 | 2672.204 |
| 10 | AR | 6.243902 | 0.16739295 | 7044.75 |
| 11 | HSPA8 | 6.24 | 0.13434678 | 2407.7334 |
| 12 | APOA1 | 6.214286 | 0.13006555 | 4350.6055 |
| 13 | Hsp70 | 6 | 0.11403599 | 829.5249 |
| 14 | APOC2 | 6 | 0.038149297 | 550.519 |
| 15 | ESR1 | 5.768116 | 0.23558821 | 15732.38 |
| 16 | TERT | 5.6666665 | 0.10613323 | 1622.906 |
| 17 | Histone h3 | 5.6 | 0.11095682 | 2107.072 |
| 18 | EGFR | 5.55 | 0.15914875 | 7797.9097 |
| 19 | APOB | 5.5 | 0.060565125 | 462.4922 |
| 20 | NFkB (complex) | 5.375 | 0.090869315 | 440.32767 |
| 21 | APOC1 | 5.3333335 | 0.03079924 | 419.113 |
| 22 | APOA5 | 5.3333335 | 0.029283635 | 21.699123 |
| 23 | SCARB1 | 5.142857 | 0.08153098 | 1542.1597 |
| 24 | UBC | 5.107143 | 0.19438834 | 13405.755 |
| 25 | Histone h4 | 4.888889 | 0.06921699 | 47.59628 |
| 26 | estrogen receptor | 4.769231 | 0.08147339 | 269.98773 |
| 27 | HDL | 4.6666665 | 0.035294525 | 495.80783 |
| 28 | Akt | 4.571429 | 0.07489594 | 235.95877 |
| 29 | YWHAZ | 4.4444447 | 0.14956483 | 7099.7466 |
| 30 | N-cor | 4.4 | 0.06658014 | 54.08782 |
| 31 | PDGFRA | 4.4 | 0.061721098 | 162.55379 |
| 32 | LDL | 4.375 | 0.047890555 | 1574.9698 |
| 33 | GRB2 | 4.322581 | 0.11697414 | 5115.18 |
| 34 | TMEM97 | 4.285714 | 0.06986376 | 139.7741 |
| 35 | PPARA | 4.173913 | 0.09687798 | 1908.836 |
| 36 | SKI | 4 | 0.0669816 | 132.40103 |
| 37 | LPL | 4 | 0.063672245 | 902.4108 |
| 38 | VCP | 3.9310346 | 0.110982955 | 5050.2256 |
| 39 | LDLR | 3.7333333 | 0.07985752 | 1095.1381 |
| 40 | ZFP36 | 3.7272727 | 0.0973598 | 2985.2637 |
| 41 | MAP3K4 | 3.6666667 | 0.052222602 | 21.150791 |
| 42 | STAT5B | 3.6 | 0.078555174 | 2101.6526 |
| 43 | VHL | 3.5294118 | 0.11526147 | 7234.26 |
| 44 | Rxr | 3.4 | 0.0499511 | 71.0576 |
| 45 | SERPINH1 | 3.3333333 | 0.06749152 | 940.643 |
| 46 | MCL1 | 3.3333333 | 0.063583806 | 196.71475 |
| 47 | 14-3-3 | 3.2727273 | 0.056943666 | 892.8391 |
| 48 | COL4A2 | 3 | 0.033594973 | 328.1538 |
| 49 | COL4A1 | 3 | 0.033594973 | 328.1538 |
| 50 | HDAC9 | 2.8888888 | 0.052403916 | 288.02518 |
| 51 | CDKN2B | 2.8888888 | 0.06234933 | 160.04558 |
| 52 | APP | 2.7226892 | 0.24266466 | 40725.254 |
| 53 | Creb | 2.7142856 | 0.06673177 | 382.27756 |
| 54 | PSMA5 | 2.6666667 | 0.049770124 | 219.77605 |
| 55 | Actin | 2.6666667 | 0.06096768 | 640.9001 |
| 56 | LPA | 2.5714285 | 0.026707131 | 93.39712 |
| 57 | REL | 2.5384614 | 0.085652865 | 4567.8237 |
| 58 | CREB1 | 2.5333333 | 0.13203704 | 9632.628 |
| 59 | ZEB2 | 2.5 | 0.05605508 | 213.07191 |
| 60 | SORT1 | 2.4444444 | 0.03629168 | 432.28888 |
| 61 | A2M | 2.4285715 | 0.06921995 | 1495.5916 |
| 62 | PANK1 | 2.4 | 0.04466206 | 79.67964 |
| 63 | ATP2B1 | 2.4 | 0.03634992 | 98.725136 |
| 64 | ERK1/2 | 2.4 | 0.048659142 | 266.74866 |
| 65 | Smad2/3 | 2.3333333 | 0.040657546 | 65.82549 |
| 66 | RND3 | 2.3333333 | 0.045752205 | 321.0182 |
| 67 | CKM | 2.2857144 | 0.042483672 | 96.69466 |
| 68 | Fibrinogen | 2.25 | 0.029394701 | 231.62502 |
| 69 | HNF4A | 2.2045455 | 0.17905281 | 24356.684 |
| 70 | Ubiquitin | 2.1818182 | 0.050032 | 406.35117 |
| 71 | SLAIN2 | 2 | 0.024432823 | 0 |
| 72 | PDE1A | 2 | 0.025059367 | 0 |
| 73 | PECAM1 | 2 | 0.031535186 | 12.1287565 |
| 74 | TP53I3 | 2 | 0.036265053 | 0 |
| 75 | LATS2 | 2 | 0.05551165 | 2786.8284 |
| 76 | SIK2 | 2 | 0.042908277 | 81.73201 |
| 77 | CAMKV | 2 | 0.035373274 | 181.27007 |
| 78 | UFD1L | 2 | 0.039718658 | 263.5083 |
| 79 | MARK4 | 2 | 0.02466407 | 20.108503 |
| 80 | Alpha tubulin | 2 | 0.04675115 | 175.10736 |
| 81 | ATL3 | 2 | 0.03292867 | 0 |
| 82 | GUCY1A3 | 2 | 0.03345944 | 0 |
| 83 | DCTPP1 | 2 | 0.045195352 | 393.5737 |
| 84 | MAP4 | 1.7777778 | 0.049193002 | 537.6631 |
| 85 | ELAVL1 | 1.7108433 | 0.1637782 | 23250.768 |
| 86 | SNX1 | 1.6666666 | 0.03668145 | 445.41214 |
| 87 | OSM | 1.6666666 | 0.02391944 | 133.71648 |
| 88 | Collagen(s) | 1.6666666 | 0.030744717 | 70.21749 |
| 89 | FLT1 | 1.6363636 | 0.044178326 | 162.78528 |
| 90 | p85 (pik3r) | 1.6363636 | 0.04596381 | 162.09453 |
| 91 | MPHOSPH9 | 1.6 | 0.027179211 | 89.06289 |
| 92 | HNF1A | 1.5294118 | 0.04600386 | 2554.8206 |
| 93 | SH2B3 | 1.5 | 0.025216013 | 67.2222 |
| 94 | PPAP2B | 1.5 | 0.030983275 | 25.3388 |
| 95 | C12orf49 | 1.5 | 0.03490542 | 91.79549 |
| 96 | ANKS1A | 1.5 | 0.0221868 | 22.951124 |
| 97 | DLG4 | 1.5 | 0.05852381 | 6159.4775 |
| 98 | PDE3A | 1.5 | 0.023205414 | 21.055328 |
| 99 | KISS1R | 1.5 | 0.027604667 | 1411.0449 |
| 100 | EDNRA | 1.5 | 0.022345953 | 967.7214 |
| 101 | ABCG5 | 1.5 | 0.02370142 | 44.191395 |
| 102 | Ap1 | 1.4545455 | 0.03171554 | 328.2647 |
| 103 | PCSK9 | 1.4285715 | 0.022751307 | 245.99786 |
| 104 | F2R | 1.4285715 | 0.0366464 | 3271.263 |
| 105 | CXCL12 | 1.4285715 | 0.045782216 | 3088.951 |
| 106 | TOM1L2 | 1.3333334 | 0.023364991 | 25.34954 |
| 107 | TMEM127 | 1.3333334 | 0.031287145 | 10.782867 |
| 108 | PHACTR4 | 1.3333334 | 0.025095249 | 50.43452 |
| 109 | MRPL10 | 1.3333334 | 0.023387017 | 7.44871 |
| 110 | MPV17L | 1.3333334 | 0.033591103 | 50.43452 |
| 111 | KIAA0930 | 1.3333334 | 0.025763404 | 11.983143 |
| 112 | KDM4D | 1.3333334 | 0.023495581 | 17.411573 |
| 113 | MSRB2 | 1.3333334 | 0.019229319 | 24.599495 |
| 114 | FUT3 | 1.3333334 | 0.02162706 | 11.574752 |
| 115 | MEF2 | 1.3333334 | 0.01176703 | 1.2916666 |
| 116 | FOXO6 | 1.3333334 | 0.026803853 | 1.521114 |
| 117 | DNAH7 | 1.3333334 | 0.013257345 | 14.152753 |
| 118 | TRAFD1 | 1.3333334 | 0.02120202 | 15.278959 |
| 119 | ABCG8 | 1.3333334 | 0.021017522 | 19.03488 |
| 120 | SVIL | 1.2 | 0.028100004 | 857.4256 |
| 121 | UBTF | 1.2 | 0.031894766 | 156.07704 |
| 122 | PLG | 1.2 | 0.03290532 | 905.44885 |
| 123 | PKN2 | 1.1428572 | 0.03835872 | 607.0976 |
| 124 | Collagen type IV | 1.1428572 | 0.012971165 | 487.63095 |
| 125 | AKAP13 | 1.1428572 | 0.044696357 | 185.27689 |
| 126 | ZNF839 | 1 | 0.018813882 | 0 |
| 127 | UNC79 | 1 | 0.0162787 | 0 |
| 128 | TSKS | 1 | 0.01725207 | 0 |
| 129 | TRIP4 | 1 | 0.018688757 | 0 |
| 130 | MSL2 | 1 | 0.021295542 | 0 |
| 131 | C10orf90 | 1 | 0.023443963 | 0 |
| 132 | TOMM40 | 1 | 0.014445434 | 0 |
| 133 | TCEAL8 | 1 | 0.027987035 | 155.12672 |
| 134 | STK40 | 1 | 0.016307577 | 0 |
| 135 | SNX10 | 1 | 0.010053654 | 0 |
| 136 | SLC41A3 | 1 | 0.01574439 | 0 |
| 137 | SKA3 | 1 | 0.012476155 | 0 |
| 138 | SAMD1 | 1 | 0.009183821 | 0 |
| 139 | RPUSD2 | 1 | 0.01725207 | 0 |
| 140 | PSRC1 | 1 | 0.025747916 | 0 |
| 141 | PAIP2 | 1 | 0.03169727 | 143.55267 |
| 142 | NOB1 | 1 | 0.017168624 | 0 |
| 143 | growth factor receptor | 1 | 0.020376828 | 59.21026 |
| 144 | ZXDB | 1 | 0.01868895 | 0 |
| 145 | MTAP | 1 | 0.021957975 | 0 |
| 146 | KRTCAP2 | 1 | 0.017168624 | 0 |
| 147 | IQSEC2 | 1 | 0.010655494 | 0 |
| 148 | VAMP8 | 1 | 0.012715019 | 0 |
| 149 | VAMP5 | 1 | 0.015958091 | 0 |
| 150 | TRPC4AP | 1 | 0.019419594 | 0 |
| 151 | TCF21 | 1 | 0.027696216 | 34.397053 |
| 152 | STARD10 | 1 | 0.033034556 | 121.49015 |
| 153 | MINA | 1 | 0.03394452 | 209.06622 |
| 154 | LRRTM2 | 1 | 0.011386135 | 0 |
| 155 | WDR12 | 1 | 0.01078129 | 0 |
| 156 | GSPT2 | 1 | 0.018085219 | 0 |
| 157 | GPT2 | 1 | 0.01574439 | 0 |
| 158 | GLRX5 | 1 | 0.017168624 | 0 |
| 159 | GAL3ST1 | 1 | 0.017168624 | 0 |
| 160 | FURIN | 1 | 0.024403278 | 224.09479 |
| 161 | FAM81A | 1 | 0.012141492 | 0 |
| 162 | PIBF1 | 1 | 0.029940678 | 123.80276 |
| 163 | CTIF | 1 | 0.021957975 | 0 |
| 164 | CEPT1 | 1 | 0.01868895 | 0 |
| 165 | ALKBH5 | 1 | 0.009183821 | 0 |
| 166 | DNAJC4 | 1 | 0.019275757 | 0 |
| 167 | DIO3 | 1 | 0.018085219 | 0 |
| 168 | PITPNB | 1 | 0.03742713 | 359.17596 |
| 169 | CACNA1B | 1 | 0.018596312 | 1187.7253 |
| 170 | ASAP3 | 1 | 0.009730204 | 0 |
| 171 | ARL6IP6 | 1 | 0.016307577 | 0 |
| 172 | ARHGAP9 | 1 | 0.01725207 | 0 |
| 173 | AP4S1 | 1 | 0.01725207 | 0 |
| 174 | BMP1 | 1 | 0.020360267 | 0 |
| 175 | HECW2 | 0.9090909 | 0.027868401 | 2049.644 |
| 176 | SOX4 | 0.875 | 0.045970976 | 2464.371 |
| 177 | MORF4L1 | 0.8 | 0.039396502 | 143.38382 |
| 178 | CUX2 | 0.8 | 0.024314608 | 202.87617 |
| 179 | UBXN8 | 0.6666667 | 0.010131306 | 26.16721 |
| 180 | TNS1 | 0.6666667 | 0.021466387 | 8.622116 |
| 181 | SPC24 | 0.6666667 | 0.01756331 | 39.12262 |
| 182 | TPH1 | 0.6666667 | 0.021024354 | 45.385857 |
| 183 | HSD17B12 | 0.6666667 | 0.018312445 | 55.72682 |
| 184 | PODXL | 0.6666667 | 0.025580408 | 103.64412 |
| 185 | NDUFB1 | 0.6666667 | 0.025742447 | 99.697014 |
| 186 | CCDC82 | 0.6666667 | 0.023438502 | 42.66179 |
| 187 | LIPA | 0.6666667 | 0.018624468 | 67.21129 |
| 188 | GLCE | 0.6666667 | 0.021952495 | 47.756485 |
| 189 | FAM212B | 0.6666667 | 0.028639711 | 47.044815 |
| 190 | FAAP20 | 0.6666667 | 0.019575043 | 22.52335 |
| 191 | EIF4E3 | 0.6666667 | 0.01650574 | 16.990053 |
| 192 | COQ10B | 0.6666667 | 0.018624468 | 67.21129 |
| 193 | CAMSAP2 | 0.6666667 | 0.019698368 | 34.605854 |
| 194 | COG5 | 0.6666667 | 0.02427847 | 14.939384 |
| 195 | DNAJB14 | 0.6666667 | 0.019201076 | 113.54142 |
| 196 | OCIAD2 | 0.6666667 | 0.025179142 | 29.933865 |
| 197 | CAAP1 | 0.6666667 | 0.024807645 | 67.998726 |
| 198 | C11orf73 | 0.6666667 | 0.026659036 | 94.72029 |
| 199 | BMPR1A | 0.6666667 | 0.021153603 | 26.313105 |
| 200 | Apoc1/Apoc2/Apoc4 | 0.6666667 | 0.003504406 | 12.908398 |
| 201 | HIP1 | 0.6666667 | 0.027419277 | 107.472435 |
| 202 | ATPAF2 | 0.6666667 | 0.016081331 | 227.41417 |
| 203 | ATAT1 | 0.6666667 | 0.024881398 | 107.802635 |
| 204 | CYP17A1 | 0.6666667 | 0.022546925 | 6.4979963 |
| 205 | ANKRD40 | 0.6666667 | 0.016270468 | 65.807465 |
| 206 | collagen | 0.6 | 0.018005209 | 3765.4272 |
| 207 | GTF2IRD1 | 0.5714286 | 0.023237243 | 921.9918 |
| 208 | ZDHHC7 | 0.5 | 0.028641729 | 131.90851 |
| 209 | RHOF | 0.5 | 0.016638078 | 289.91208 |
| 210 | LY6D | 0.5 | 0.019862067 | 42.200737 |
| 211 | OBFC1 | 0.5 | 0.028454114 | 545.25635 |
| 212 | UBXN10 | 0.5 | 0.030177137 | 81.226494 |
| 213 | GPR83 | 0.5 | 0.014755848 | 872.1591 |
| 214 | FES | 0.4 | 0.020635046 | 171.52554 |
| 215 | NGF | 0.2857143 | 0.021165071 | 92.15799 |
| 216 | NXF1 | 0.1153846 | 0.060349002 | 7906.177 |
| 217 | CHADL | 0 | 8.63E-04 | 0 |
| 218 | COL28A1 | 0 | 8.63E-04 | 0 |
| 219 | COL22A1 | 0 | 8.63E-04 | 0 |
| 220 | COL21A1 | 0 | 8.63E-04 | 0 |
| 221 | ZPR1 | 0 | 0.007642629 | 0 |
| 222 | ZNF740 | 0 | 0.014524919 | 29.734642 |
| 223 | ZNF652 | 0 | 0.007642629 | 0 |
| 224 | ZNF35 | 0 | 0.017970484 | 18.127558 |
| 225 | ZNF23 | 0 | 0.014524919 | 29.734642 |
| 226 | C3orf38 | 0 | 0.004674447 | 0 |
| 227 | ZC3HC1 | 0 | 0.011633127 | 0 |
| 228 | HECTD4 | 0 | 0.007180747 | 0 |
| 229 | WDR43 | 0 | 0.008223135 | 12.486347 |
| 230 | RBPMS2 | 0 | 0.005535495 | 0 |
| 231 | HSPB11 | 0 | 0.005535495 | 0 |
| 232 | UBXN2A | 0 | 0.005331339 | 0 |
| 233 | USP53 | 0 | 0.005618941 | 0 |
| 234 | ULK3 | 0 | 0.008223135 | 12.486347 |
| 235 | GNPDA2 | 0 | 0.009329175 | 0 |
| 236 | ARHGAP26 | 0 | 0.009329175 | 0 |
| 237 | MAP9 | 0 | 0.014114786 | 0 |
| 238 | TMEM180 | 0 | 0.019476308 | 50.43452 |
| 239 | TMCO3 | 0 | 0.015485812 | 25.099035 |
| 240 | C12orf43 | 0 | 4.99E-04 | 0 |
| 241 | TERF1 | 0 | 0.010386484 | 867.964 |
| 242 | TBC1D9B | 0 | 0.016964467 | 17.564207 |
| 243 | SWAP70 | 0 | 3.68E-04 | 0 |
| 244 | PCNXL3 | 0 | 0.001350048 | 0 |
| 245 | RASD1 | 0 | 0.003772475 | 0 |
| 246 | MYBPHL | 0 | 0.003772475 | 0 |
| 247 | TMEM255A | 0 | 0.013843595 | 33.440598 |
| 248 | B3GNT8 | 0 | 0.002210472 | 0 |
| 249 | SMG6 | 0 | 0.005097674 | 0 |
| 250 | SLC22A5 | 0 | 0.007843181 | 0 |
| 251 | SF3A1 | 0 | 0.019731786 | 63.533604 |
| 252 | SARS | 0 | 0.011344509 | 56.19491 |
| 253 | S100A16 | 0 | 0.014524919 | 29.734642 |
| 254 | Ras homolog | 0 | 0.007676341 | 873.1235 |
| 255 | RPH3A | 0 | 0.003630654 | 6.3779645 |
| 256 | MAP3K7CL | 0 | 0.004111262 | 0 |
| 257 | UBE2Z | 0 | 0.010057073 | 54.633316 |
| 258 | H2AFJ | 0 | 0.009442602 | 10.205403 |
| 259 | BNC2 | 0 | 0.006479754 | 0 |
| 260 | RASL11A | 0 | 0.009374769 | 20.322693 |
| 261 | RAI1 | 0 | 0.010382331 | 5.230132 |
| 262 | PROCR | 0 | 0.001759957 | 0 |
| 263 | PPP2R3A | 0 | 0.007642629 | 0 |
| 264 | PPM1H | 0 | 0.00756624 | 11.442688 |
| 265 | JAZF1 | 0 | 0.007384261 | 0 |
| 266 | ACSS2 | 0 | 0.008759655 | 4.7381177 |
| 267 | PLEKHG1 | 0 | 0.002669466 | 0 |
| 268 | PITRM1 | 0 | 0.013843595 | 33.440598 |
| 269 | PHACTR1 | 0 | 0.005741633 | 8.918681 |
| 270 | PARP12 | 0 | 0.010245866 | 11.740482 |
| 271 | PAQR7 | 0 | 0.016405296 | 24.139627 |
| 272 | OSBP2 | 0 | 0.015409419 | 80.60516 |
| 273 | ODF2L | 0 | 0.014524919 | 29.734642 |
| 274 | MIEN1 | 0 | 0.007003056 | 32.275204 |
| 275 | KYNU | 0 | 0.005102264 | 44.493557 |
| 276 | FAM104A | 0 | 0.008223135 | 12.486347 |
| 277 | DDX59 | 0 | 0.002891794 | 0 |
| 278 | ATP5SL | 0 | 0.002891794 | 0 |
| 279 | NT5C2 | 0 | 0.00107434 | 0 |
| 280 | NOA1 | 0 | 0.008621912 | 0.9566234 |
| 281 | NCCRP1 | 0 | 0.019147683 | 14.027246 |
| 282 | MYDGF | 0 | 0.009191087 | 63.092537 |
| 283 | SLC22A4 | 0 | 0.010845772 | 0 |
| 284 | MIA3 | 0 | 0.002669466 | 0 |
| 285 | LY86 | 0 | 0.012341392 | 119.71727 |
| 286 | LRRC42 | 0 | 0.014524919 | 29.734642 |
| 287 | LETMD1 | 0 | 0.014524919 | 29.734642 |
| 288 | LDLRAD3 | 0 | 0.015409419 | 80.60516 |
| 289 | HRC | 0 | 0.002293894 | 0 |
| 290 | KIAA1462 | 0 | 0.002669466 | 0 |
| 291 | KIAA0586 | 0 | 0.010669813 | 29.927435 |
| 292 | KCNK5 | 0 | 0.011633127 | 0 |
| 293 | PGLYRP1 | 0 | 0.012656934 | 1.0079365 |
| 294 | KLHDC10 | 0 | 0.008222554 | 21.589533 |
| 295 | IL6R | 0 | 0.005330761 | 0 |
| 296 | ZNF589 | 0 | 0.008573827 | 0 |
| 297 | USMG5 | 0 | 0.008573827 | 0 |
| 298 | TSPAN14 | 0 | 0.016417002 | 24.599495 |
| 299 | TMUB2 | 0 | 0.008573827 | 0 |
| 300 | TMTC4 | 0 | 0.019308804 | 163.53409 |
| 301 | TMEM216 | 0 | 0.016417002 | 24.599495 |
| 302 | TMEM123 | 0 | 0.016417002 | 24.599495 |
| 303 | TMEM101 | 0 | 0.016417002 | 24.599495 |
| 304 | TM9SF4 | 0 | 0.016417002 | 24.599495 |
| 305 | SMIM7 | 0 | 0.016417002 | 24.599495 |
| 306 | SMIM12 | 0 | 0.016417002 | 24.599495 |
| 307 | SLMO2 | 0 | 0.016417002 | 24.599495 |
| 308 | SLC25A32 | 0 | 0.016417002 | 24.599495 |
| 309 | SLC22A3 | 0 | 0.008573827 | 0 |
| 310 | PDSS2 | 0 | 0.028050136 | 151.57404 |
| 311 | NME7 | 0 | 0.022355556 | 989.07294 |
| 312 | LARS2 | 0 | 0.015523344 | 11.425585 |
| 313 | ISOC2 | 0 | 0.023098744 | 192.60861 |
| 314 | GGCX | 0 | 0.008573827 | 0 |
| 315 | FOXRED1 | 0 | 0.011465619 | 86.333954 |
| 316 | FAIM2 | 0 | 0.017902995 | 19.504799 |
| 317 | DYNC2LI1 | 0 | 0.008573827 | 0 |
| 318 | PPP1R14D | 0 | 0.008573827 | 0 |
| 319 | TSC22D2 | 0 | 0.002207464 | 0 |
| 320 | SFXN2 | 0 | 0.002207464 | 0 |
| 321 | ABO | 0 | 0.001340639 | 0 |
| 322 | VN1R1 | 0 | 0.009191215 | 1023.4057 |
| 323 | TAAR2 | 0 | 0.001958025 | 315.28094 |
| 324 | SUCNR1 | 0 | 6.17E-04 | 0 |
| 325 | OXGR1 | 0 | 6.17E-04 | 0 |
| 326 | MAS1L | 0 | 6.17E-04 | 0 |
| 327 | GPRC6A | 0 | 6.17E-04 | 0 |
| 328 | GPRC5D | 0 | 6.17E-04 | 0 |
| 329 | GPR89A/GPR89B | 0 | 6.17E-04 | 0 |
| 330 | GPR87 | 0 | 0.014732173 | 730.2654 |
| 331 | GPR82 | 0 | 6.17E-04 | 0 |
| 332 | GPR75 | 0 | 6.17E-04 | 0 |
| 333 | GPR62 | 0 | 6.17E-04 | 0 |
| 334 | GPR4 | 0 | 6.17E-04 | 0 |
| 335 | GPR35 | 0 | 6.17E-04 | 0 |
| 336 | GPR27 | 0 | 6.17E-04 | 0 |
| 337 | GPR22 | 0 | 6.17E-04 | 0 |
| 338 | GPR174 | 0 | 6.17E-04 | 0 |
| 339 | GPR162 | 0 | 6.17E-04 | 0 |
| 340 | GPR157 | 0 | 6.17E-04 | 0 |
| 341 | GPR156 | 0 | 6.17E-04 | 0 |
| 342 | GPR152 | 0 | 6.17E-04 | 0 |
| 343 | GPR149 | 0 | 6.17E-04 | 0 |
| 344 | GPR146 | 0 | 0.009191215 | 1023.4057 |
| 345 | GPR139 | 0 | 6.17E-04 | 0 |
| 346 | GPR137 | 0 | 0.009191215 | 1023.4057 |
| 347 | ADGRL4 | 0 | 6.17E-04 | 0 |
| 348 | ADGRG3 | 0 | 6.17E-04 | 0 |
| 349 | ADGRF4 | 0 | 6.17E-04 | 0 |
| 350 | ADGRF2 | 0 | 6.17E-04 | 0 |
| 351 | ADGRF1 | 0 | 6.17E-04 | 0 |
| 352 | ADGRD2 | 0 | 6.17E-04 | 0 |
| 353 | Gpcr | 0 | 0.012887094 | 21763.947 |
| 354 | GTF3C6 | 0 | 0.014524919 | 29.734642 |
| 355 | LRRC2 | 0 | 0.001115852 | 0 |
| 356 | GPR180 | 0 | 0.008460566 | 1785.586 |
| 357 | GPN2 | 0 | 0.014524919 | 29.734642 |
| 358 | FBXL4 | 0 | 0.007433073 | 3.8314838 |
| 359 | FAM50A | 0 | 0.014524919 | 29.734642 |
| 360 | FAM213A | 0 | 0.013843595 | 33.440598 |
| 361 | FAM117B | 0 | 0.007843181 | 0 |
| 362 | EVI2A | 0 | 0.013843595 | 33.440598 |
| 363 | CELSR2 | 0 | 0.011921885 | 572.51733 |
| 364 | DSCR3 | 0 | 0.019878324 | 19.03488 |
| 365 | TSPAN9 | 0 | 0.019147683 | 14.027246 |
| 366 | TRIB1 | 0 | 0.021484908 | 42.707546 |
| 367 | TC2N | 0 | 0.019147683 | 14.027246 |
| 368 | SLCO1B1 | 0 | 0.013511964 | 34.17145 |
| 369 | SLC35A1 | 0 | 0.019878324 | 19.03488 |
| 370 | SLC10A3 | 0 | 0.019147683 | 14.027246 |
| 371 | PDGFD | 0 | 0.011304497 | 0 |
| 372 | KCNE2 | 0 | 0.011304497 | 0 |
| 373 | ADGRG6 | 0 | 0.011921885 | 572.51733 |
| 374 | DZANK1 | 0 | 0.016417002 | 24.599495 |
| 375 | DCAKD | 0 | 0.017172353 | 10.782867 |
| 376 | CA5B | 0 | 0.010734972 | 52.600647 |
| 377 | C9orf64 | 0 | 0.016417002 | 24.599495 |
| 378 | AP1AR | 0 | 0.014322935 | 8.632553 |
| 379 | ANKRD46 | 0 | 0.017172353 | 10.782867 |
| 380 | EIF6 | 0 | 0.015909525 | 153.37668 |
| 381 | ANXA11 | 0 | 0.007642629 | 0 |
| 382 | DNAJC12 | 0 | 0.011633127 | 0 |
| 383 | CTAGE1 | 0 | 0.002812311 | 0 |
| 384 | ATXN2 | 0 | 0.018882228 | 99.9836 |
| 385 | ARAP2 | 0 | 0.016927097 | 6.5857344 |
| 386 | DCPS | 0 | 0.006949518 | 0 |
| 387 | NMNAT2 | 0 | 0.023409234 | 103.9953 |
| 388 | KPTN | 0 | 0.023409234 | 103.9953 |
| 389 | COL4A4 | 0 | 0.001485448 | 7.9897676 |
| 390 | CUTA | 0 | 0.011154439 | 4.8547335 |
| 391 | WARS2 | 0 | 0.026544306 | 137.97466 |
| 392 | OPA3 | 0 | 0.029436106 | 277.5526 |
| 393 | ZDHHC23 | 0 | 0.017970484 | 18.127558 |
| 394 | TMBIM1 | 0 | 0.009229152 | 23.509344 |
| 395 | RNFT1 | 0 | 0.009229152 | 23.509344 |
| 396 | REM2 | 0 | 0.013518105 | 4.449603 |
| 397 | RELT | 0 | 0.009229152 | 23.509344 |
| 398 | NNAT | 0 | 0.017970484 | 18.127558 |
| 399 | NARF | 0 | 0.017970484 | 18.127558 |
| 400 | MCTP1 | 0 | 0.013518105 | 4.449603 |
| 401 | KIAA1549L | 0 | 0.011956299 | 10.966547 |
| 402 | IGSF10 | 0 | 0.017970484 | 18.127558 |
| 403 | GPR12 | 0 | 0.018587867 | 3997.739 |
| 404 | ECEL1 | 0 | 0.006337356 | 0 |
| 405 | CYP46A1 | 0 | 0.008674585 | 7.127714 |
| 406 | CA10 | 0 | 0.006337356 | 0 |
| 407 | ADGRA1 | 0 | 0.009767052 | 1199.5688 |
| 408 | CNNM2 | 0 | 8.93E-04 | 0 |
| 409 | CLUAP1 | 0 | 0.0223681 | 132.7698 |
| 410 | CIART | 0 | 0.017970484 | 18.127558 |
| 411 | CEP83 | 0 | 0.017902995 | 19.504799 |
| 412 | CCBL1 | 0 | 0.02086228 | 71.371544 |
| 413 | BOD1 | 0 | 0.014524919 | 29.734642 |
| 414 | APOC4 | 0 | 0.004152389 | 32.6682 |
| 415 | ATP5G1 | 0 | 3.37E-04 | 0 |
| 416 | ATP synthase | 0 | 0.007033696 | 848.7499 |
| 417 | ARVCF | 0 | 0.012258502 | 5.1823177 |
| 418 | PEMT | 0 | 0.016613977 | 12.6444435 |
| 419 | MRAS | 0 | 0.008933 | 35.32969 |
| 420 | LMOD1 | 0 | 0.008040151 | 0 |
| 421 | DISP2 | 0 | 0.016613977 | 12.6444435 |
| 422 | ADAMTS7 | 0 | 0.003321812 | 0 |