Supplementary for

Downregulation of CDH11 Promotes Metastasis and Resistance to Paclitaxel in Gastric Cancer Cells

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Supplementary Figure S1. The mass deviation of all peptides. \( \Delta M \): Mass deviation.
Table S1. Characteristics of patients

| Symbol of patients before chemotherapy | Sex | Age | PCI | Volume of ascites (ml) | Cycles before relapse | Sustain time before relapse (month) | Symbol of patients after chemotherapy |
|-----------------------------------------|-----|-----|-----|------------------------|----------------------|------------------------------------|-------------------------------------|
| a1                                      | Male | 40  | 10  | 700                    | 6                    | 5.5                                | b1                                  |
| a2                                      | Female | 31  | 36  | 200                    | 8                    | 6                                  | b2                                  |
| a3                                      | Female | 46  | 39  | 15000                  | 5                    | 5                                  | b3                                  |

PCI: peritoneal cancer index
| Accession | Gene Name | Coverage | Peptides | PSMs | Unique Peptides | AAs | MW [kDa] | calc. pl | P value |
|-----------|-----------|----------|----------|------|----------------|-----|----------|---------|---------|
| Q13421    | MSLN      | 14.9     | 9        | 30   | 9              | 630 | 68.9     | 6.38    | 0.021   |
| P25940    | COL5A3    | 1.1      | 1        | 2    | 1              | 1745| 172.0    | 6.87    | 0.018   |
| Q14767    | LTBP2     | 4.2      | 6        | 7    | 6              | 1821| 194.9    | 5.19    | 0.042   |
| Q9UBX7    | KLK11     | 9.9      | 3        | 4    | 3              | 282 | 31.0     | 8.94    | 0.046   |
| Q9Y240    | CLEC11A   | 13.9     | 4        | 4    | 4              | 323 | 35.7     | 5.16    | 0.023   |
| P55287    | CDH11     | 8.7      | 7        | 14   | 7              | 796 | 87.9     | 4.91    | 0.025   |
| P22676    | CALB2     | 4.1      | 1        | 1    | 1              | 271 | 31.5     | 5.15    | 0.037   |
| Q14314    | FGL2      | 12.5     | 4        | 8    | 4              | 439 | 50.2     | 7.39    | 0.042   |
| P07437    | TUBB      | 6.1      | 2        | 2    | 2              | 444 | 49.6     | 4.89    | 0.049   |
| P25774    | CTSS      | 10.3     | 3        | 3    | 3              | 331 | 37.5     | 8.34    | 0.046   |
| Q13201    | MMRN1     | 1.6      | 2        | 6    | 2              | 1228| 138.0    | 7.93    | 0.035   |
| Q6UXS9    | CASP12    | 6.2      | 1        | 3    | 1              | 341 | 38.8     | 6.02    | 0.014   |
| Q96CX2    | KCTD12    | 3.7      | 1        | 1    | 1              | 325 | 35.7     | 5.74    | 0.022   |
| P06727    | APOA4     | 82.3     | 35       | 419  | 35             | 396 | 45.4     | 5.38    | 0.014   |
| Q15204    | ADAMDEC1  | 3.6      | 1        | 1    | 1              | 470 | 52.7     | 7.34    | 0.019   |
| P68363    | TUBA1B    | 20.6     | 7        | 10   | 7              | 451 | 50.1     | 5.06    | 0.002   |
| Q5HYA8    | TMEM67    | 1.4      | 1        | 2    | 1              | 995 | 111.7    | 6.77    | 0.049   |
| Q9Y5C1    | ANGPTL3   | 2.4      | 1        | 1    | 1              | 460 | 53.6     | 6.7     | 0.044   |
| Q01995    | TAGLN     | 43.8     | 8        | 16   | 8              | 201 | 22.6     | 8.84    | 0.012   |
| P68871    | HBB       | 83.0     | 12       | 267  | 6              | 147 | 16.0     | 7.28    | 0.373   |
| P69905    | HBA1      | 71.8     | 10       | 132  | 10             | 142 | 15.2     | 8.68    | 0.374   |
| P32119    | PRDX2     | 54.5     | 10       | 65   | 9              | 198 | 21.9     | 5.97    | 0.379   |
| P55327    | TPD52     | 6.7      | 1        | 1    | 1              | 224 | 24.3     | 4.83    | 0.343   |
| P00738    | HP        | 50.5     | 21       | 136  | 21             | 406 | 45.2     | 6.58    | 0.133   |
| P02042    | HBD       | 83.0     | 11       | 155  | 5              | 147 | 16.0     | 8.05    | 0.371   |
| Q5T619    | ZNF648    | 2.1      | 1        | 17   | 1              | 568 | 62.3     | 8.62    | 0.374   |
| P28330    | ACADL     | 4.4      | 1        | 3    | 1              | 430 | 47.6     | 7.8     | 0.391   |
| P00915    | CA1       | 47.1     | 11       | 76   | 11             | 261 | 28.9     | 7.12    | 0.363   |
| P00918    | CA2       | 42.3     | 9        | 20   | 9              | 260 | 29.2     | 7.4     | 0.370   |
| P07910    | HNRNPC    | 11.1     | 4        | 7    | 4              | 306 | 33.7     | 5.08    | 0.384   |
| P10451    | SPP1      | 23.6     | 5        | 44   | 5              | 314 | 35.4     | 4.58    | 0.399   |
| P29508    | SERPINE3  | 15.6     | 6        | 10   | 6              | 390 | 44.5     | 6.81    | 0.344   |
| P03956    | MMP1      | 4.3      | 2        | 2    | 2              | 469 | 54.0     | 6.96    | 0.435   |
| O95994    | AGR2      | 9.7      | 1        | 1    | 1              | 175 | 20.0     | 9       | 0.308   |
| Q06141    | REG3A     | 31.4     | 4        | 13   | 4              | 175 | 19.4     | 7.64    | 0.444   |
| P14174    | MIF       | 7.8      | 1        | 2    | 1              | 115 | 12.5     | 7.88    | 0.381   |
| P30041    | PRDX6     | 51.3     | 9        | 18   | 9              | 224 | 25.0     | 6.38    | 0.372   |
| P10599    | TXN       | 40.0     | 5        | 11   | 5              | 105 | 11.7     | 4.92    | 0.363   |
| P69891    | HBG1      | 64.6     | 9        | 48   | 1              | 147 | 16.1     | 7.2     | 0.381   |
| P02652 | APOA2 | 68.0 | 7 | 104 | 7 | 100 | 11.2 | 6.62 | 0.416 |
|--------|-------|------|---|-----|---|-----|------|------|-------|
| P25815 | S100P | 10.5 | 1 | 3 | 1 | 95 | 10.4 | 4.88 | 0.330 |
| P04040 | CAT   | 50.7 | 22 | 62 | 22 | 527 | 59.7 | 7.39 | 0.379 |
| P08779 | KRT16 | 15.2 | 7 | 14 | 1 | 473 | 51.2 | 5.05 | 0.407 |
| P05787 | KRT8  | 22.8 | 13 | 25 | 8 | 483 | 53.7 | 5.59 | 0.388 |
| Q13404 | UBE2V1| 6.8  | 1 | 1 | 1 | 147 | 16.5 | 7.93 | 0.432 |
| P06744 | GPI   | 16.5 | 9 | 20 | 9 | 558 | 63.1 | 8.32 | 0.378 |
| Q13813 | SPTAN1| 10.1 | 25 | 34 | 25 | 2472| 284.4| 5.35 | 0.369 |
| Q96C19 | EFHD2 | 4.2  | 1 | 2 | 1 | 240 | 26.7 | 5.2  | 0.443 |
| P15531 | NME1  | 23.0 | 3 | 3 | 3 | 152 | 17.1 | 6.19 | 0.360 |
| Q01518 | CAP1  | 7.8  | 3 | 6 | 3 | 475 | 51.9 | 8.06 | 0.385 |
| Q9H0N5 | PCBD2 | 5.4  | 1 | 1 | 1 | 130 | 14.4 | 9.11 | 0.410 |
| P09466 | PAEP  | 3.9  | 1 | 1 | 1 | 180 | 20.6 | 5.57 | 0.278 |
| Q06830 | PRDX1 | 42.2 | 9 | 30 | 8 | 199 | 22.1 | 8.13 | 0.403 |
| Q08174 | PCDH1 | 1.4  | 1 | 1 | 1 | 1060| 114.7| 5.03 | 0.249 |
| Q14818 | PSMA7 | 12.9 | 3 | 3 | 3 | 248 | 27.9 | 8.46 | 0.382 |
| P26447 | S100A4| 15.8 | 2 | 5 | 2 | 101 | 11.7 | 6.11 | 0.450 |
| Q9BZH6 | WDR11 | 0.7  | 1 | 1 | 1 | 1224| 136.6| 6.92 | 0.434 |
| P31949 | S100A11| 42.9| 4 | 7 | 4 | 105 | 11.7 | 7.12 | 0.426 |
| P69892 | HBG2  | 64.6 | 9 | 45 | 1 | 147 | 16.1 | 7.2  | 0.415 |
| P13667 | PDIA4 | 27.0 | 15 | 25 | 15 | 645 | 72.9 | 5.07 | 0.368 |
| P12107 | COL11A1| 1.2 | 1 | 1 | 1 | 1806| 181.0| 5.17 | 0.153 |
| P07148 | FABP1 | 50.4 | 5 | 10 | 5 | 127 | 14.2 | 7.18 | 0.460 |
| Q6UX06 | OLFM4 | 8.4  | 4 | 5 | 4 | 510 | 57.2 | 5.69 | 0.331 |
| Q16851 | UGP2  | 24.0 | 9 | 14 | 9 | 508 | 56.9 | 8.15 | 0.382 |
| P04632 | CAPNS1| 2.6  | 1 | 1 | 1 | 268 | 28.3 | 5.2  | 0.370 |
| P51858 | HDGF  | 11.3 | 2 | 3 | 2 | 240 | 26.8 | 4.73 | 0.356 |
| P02549 | SPTA1 | 1.9  | 5 | 5 | 5 | 2419| 279.8| 5.05 | 0.370 |
| P02730 | SLC4A1| 4.7  | 3 | 4 | 3 | 911 | 101.7| 5.19 | 0.400 |
| P15529 | CD46  | 2.3  | 1 | 1 | 1 | 392 | 43.7 | 6.74 | 0.356 |
| P02792 | FTL   | 41.7 | 7 | 36 | 7 | 175 | 20.0 | 5.78 | 0.513 |
| P27797 | CALR  | 24.0 | 8 | 20 | 8 | 417 | 48.1 | 4.44 | 0.394 |
| P40925 | MDH1  | 29.3 | 9 | 16 | 9 | 334 | 36.4 | 7.36 | 0.391 |
| Q86VD1 | MORC1 | 0.7  | 1 | 3 | 1 | 984 | 112.8| 7.85 | 0.479 |
| Q8TAQ9 | SUN3  | 2.0  | 1 | 3 | 1 | 357 | 40.5 | 7.83 | 0.344 |
| P06703 | S100A6| 24.4 | 3 | 5 | 3 | 90  | 10.2 | 5.48 | 0.418 |
| Q01082 | SPTBN1| 1.7  | 4 | 4 | 4 | 2364| 274.4| 5.57 | 0.405 |
| Q15149 | PLEC  | 0.2  | 1 | 1 | 1 | 4684| 531.5| 5.96 | 0.352 |
| P30048 | PRDX3 | 8.6  | 2 | 4 | 2 | 256 | 27.7 | 7.78 | 0.356 |
| P00492 | HPRT1 | 20.2 | 4 | 6 | 4 | 218 | 24.6 | 6.68 | 0.361 |
| P07237 | P4HB  | 36.2 | 17| 26| 17| 508 | 57.1 | 4.87 | 0.374 |
| P30046 | DDT   | 28.8 | 4 | 10| 4 | 118 | 12.7 | 7.3  | 0.428 |
| P14314 | PRKCSH| 10.2 | 5 | 8 | 5 | 528 | 59.4 | 4.41 | 0.440 |
| Accession | Protein  | % of Nucleotide | NT  | % of Protein | MW (kDa) | % of Substitution | % Similarity |
|-----------|----------|-----------------|-----|-------------|---------|-------------------|-------------|
| P02545    | LMNA     | 26.1            | 17  | 17          | 664     | 74.1              | 7.02        | 0.435       |
| P00441    | SOD1     | 20.1            | 3   | 3           | 154     | 15.9              | 6.13        | 0.429       |
| P06733    | ENO1     | 45.9            | 15  | 15          | 434     | 47.1              | 7.39        | 0.370       |
| Q5SRE5    | NUP188   | 0.4             | 1   | 2           | 1749    | 195.9             | 6.73        | 0.423       |
| P00491    | PNP      | 23.2            | 5   | 5           | 289     | 32.1              | 6.95        | 0.409       |
| Q14508    | WFDC2    | 32.3            | 3   | 5           | 124     | 13.0              | 4.84        | 0.393       |
| P04406    | GAPDH    | 43.6            | 11  | 11          | 335     | 36.0              | 8.46        | 0.411       |
| Q4ZHG4    | FNDC1    | 1.6             | 2   | 3           | 1894    | 205.4             | 9.32        | 0.161       |
| P62979    | RPS27A   | 16.0            | 2   | 4           | 156     | 18.0              | 9.64        | 0.414       |
| P0DP25    | CALM3    | 42.3            | 5   | 14          | 149     | 16.8              | 4.22        | 0.488       |
| Q15257    | PTPA     | 2.2             | 1   | 1           | 358     | 40.6              | 5.94        | 0.350       |
| Q99497    | PARK7    | 41.8            | 6   | 6           | 189     | 19.9              | 6.79        | 0.417       |
| P17174    | GOT1     | 24.0            | 9   | 16          | 413     | 46.2              | 7.01        | 0.438       |
| P28070    | PSMB4    | 7.6             | 1   | 2           | 264     | 29.2              | 5.97        | 0.310       |
| P28066    | PSMA5    | 25.3            | 5   | 9           | 241     | 26.4              | 4.79        | 0.427       |
| Q06481    | APLP2    | 5.5             | 4   | 5           | 763     | 86.9              | 4.79        | 0.475       |
| P40306    | PSMB10   | 6.2             | 2   | 2           | 273     | 28.9              | 7.81        | 0.243       |
| Q68BL8    | OLFML2B  | 1.3             | 1   | 1           | 750     | 83.9              | 5.2         | 0.189       |
| P02794    | FTH1     | 39.9            | 5   | 11          | 183     | 21.2              | 5.55        | 0.445       |
| P23528    | CFL1     | 37.3            | 5   | 5           | 166     | 18.5              | 8.09        | 0.365       |
| Q96C23    | GALM     | 5.0             | 1   | 1           | 342     | 37.7              | 6.65        | 0.459       |
| P00558    | PGK1     | 28.1            | 10  | 14          | 417     | 44.6              | 8.1         | 0.419       |
| Q03403    | TFF2     | 21.7            | 2   | 3           | 129     | 14.3              | 5.81        | 0.532       |
| P63208    | SKP1     | 4.9             | 1   | 2           | 163     | 18.6              | 4.54        | 0.433       |
| Q9BS40    | LXN      | 4.1             | 1   | 1           | 222     | 25.7              | 5.78        | 0.444       |
| O43278    | SPINT1   | 11.9            | 6   | 8           | 529     | 58.4              | 6.29        | 0.327       |
| Q9UGM3    | DMBT1    | 22.0            | 5   | 13          | 2413    | 260.6             | 5.44        | 0.426       |
| Q99436    | PSMB7    | 10.8            | 3   | 3           | 277     | 29.9              | 7.68        | 0.456       |
| Q13228    | SELENBP1 | 18.2            | 8   | 13          | 472     | 52.4              | 6.37        | 0.424       |
| Q9P2E9    | RRPBP1   | 0.9             | 1   | 1           | 1410    | 152.4             | 8.6         | 0.431       |
| P12277    | CKB      | 4.5             | 1   | 2           | 381     | 42.6              | 5.59        | 0.598       |
| Q99715    | COL12A1  | 11.5            | 27  | 38          | 3063    | 332.9             | 5.53        | 0.150       |
| P25788    | PSMA3    | 6.3             | 2   | 2           | 255     | 28.4              | 5.33        | 0.432       |
| P01024    | C3       | 60.7            | 87  | 491         | 1863    | 187.0             | 6.4         | 0.344       |
| P49720    | PSMB3    | 19.5            | 3   | 3           | 205     | 22.9              | 6.55        | 0.355       |
| P07738    | BPGM     | 18.5            | 4   | 7           | 259     | 30.0              | 6.54        | 0.477       |
| P50395    | GDI2     | 31.0            | 11  | 19          | 445     | 50.6              | 6.47        | 0.438       |
| P22223    | CDH3     | 3.0             | 2   | 3           | 829     | 91.4              | 4.75        | 0.280       |
| Q15084    | Pdia6    | 15.9            | 5   | 8           | 440     | 48.1              | 5.08        | 0.411       |
| Q8N130    | SLC34A3  | 1.3             | 1   | 3           | 599     | 63.5              | 8.27        | 0.273       |
| P30740    | SERPINB1 | 23.2            | 8   | 13          | 379     | 42.7              | 6.28        | 0.415       |
| Q15063    | POSTN    | 51.3            | 35  | 165         | 836     | 93.3              | 7.53        | 0.414       |
| Q15582    | TGBFI    | 44.2            | 24  | 86          | 683     | 74.6              | 7.71        | 0.260       |
| P00592  | PODXL  | 3.9 | 2 | 2 | 2 | 558 | 58.6 | 5.49 | 0.226 |
| P02538  | KRT6A  | 17.6 | 10 | 18 | 1 | 564 | 60.0 | 8 | 0.498 |
| Q5JXB2  | UBE2NL | 6.5 | 1 | 1 | 1 | 153 | 17.4 | 5.92 | 0.409 |
| Q9NUQ9  | FAM49B | 3.1 | 1 | 1 | 1 | 324 | 36.7 | 6.06 | 0.120 |
| P60174  | TPI1   | 56.6 | 12 | 27 | 12 | 286 | 30.8 | 5.92 | 0.425 |
| P05783  | KRT18  | 7.0 | 3 | 3 | 2 | 430 | 48.0 | 5.45 | 0.468 |
| P35579  | MYH9   | 2.9 | 5 | 8 | 5 | 1960 | 226.4 | 5.6 | 0.496 |
| P05423  | POLR3D | 1.8 | 1 | 2 | 1 | 398 | 44.4 | 5.45 | 0.468 |
| P13611  | VCAN   | 4.2 | 13 | 26 | 13 | 3396 | 372.6 | 4.51 | 0.216 |
| P60900  | PSMA6  | 17.5 | 4 | 8 | 4 | 246 | 27.4 | 6.76 | 0.387 |
| P05997  | COL5A2 | 6.3 | 7 | 11 | 7 | 1499 | 144.8 | 6.46 | 0.126 |
| P11142  | HSPA8  | 20.1 | 12 | 20 | 7 | 646 | 70.9 | 5.52 | 0.460 |
| P15311  | EZR    | 35.3 | 20 | 34 | 15 | 586 | 69.4 | 6.27 | 0.429 |
| P25786  | PSMA1  | 19.8 | 5 | 7 | 5 | 263 | 29.5 | 6.61 | 0.449 |
| P29966  | MARCKS | 3.3 | 1 | 2 | 1 | 332 | 31.5 | 4.45 | 0.550 |
| P62258  | YWHAE | 42.4 | 9 | 18 | 6 | 255 | 29.2 | 4.74 | 0.478 |
| P04424  | ASL    | 8.6 | 3 | 5 | 3 | 464 | 51.6 | 6.48 | 0.347 |
| P04080  | CSTB   | 12.2 | 1 | 2 | 1 | 98 | 11.1 | 7.56 | 0.480 |
| Q9NR99  | MXRA5  | 7.0 | 16 | 25 | 16 | 2828 | 312.0 | 8.32 | 0.247 |
| P02787  | TF     | 37.7 | 24 | 52 | 24 | 698 | 77.0 | 7.12 | 0.274 |
| P19652  | ORM2   | 8.5 | 1 | 1 | 1 | 201 | 23.6 | 5.11 | 0.414 |
| P09211  | GSTP1  | 34.8 | 5 | 11 | 5 | 210 | 23.3 | 5.64 | 0.397 |
| P28065  | PSMB9  | 8.7 | 2 | 2 | 2 | 219 | 23.3 | 5.03 | 0.385 |
| P22392  | NME2   | 23.0 | 3 | 3 | 1 | 152 | 17.3 | 8.41 | 0.499 |
| P00325  | ADH1B  | 2.1 | 1 | 1 | 1 | 375 | 39.8 | 8.29 | 0.073 |
| Q08380  | LGALS3BP | 32.8 | 15 | 65 | 15 | 585 | 65.3 | 5.27 | 0.301 |
| O43707  | ACTN4  | 25.9 | 19 | 26 | 11 | 911 | 104.8 | 5.44 | 0.416 |
| P00338  | LDHA   | 22.3 | 7 | 22 | 6 | 332 | 36.7 | 8.27 | 0.445 |
| P0DOX5  | LDHA   | 27.6 | 10 | 51 | 5 | 449 | 49.3 | 8.72 | 0.452 |
| P20700  | LMNB1  | 3.8 | 2 | 2 | 2 | 586 | 66.4 | 5.16 | 0.345 |
| P20142  | PGC    | 2.1 | 1 | 1 | 1 | 388 | 42.4 | 4.46 | 0.497 |
| Q9UL46  | PSME2  | 3.8 | 1 | 1 | 1 | 239 | 27.4 | 5.73 | 0.438 |
| Q06323  | PSME1  | 8.0 | 2 | 2 | 2 | 249 | 28.7 | 6.02 | 0.543 |
| P20618  | PSMB1  | 17.8 | 3 | 4 | 3 | 241 | 26.5 | 8.13 | 0.298 |
| P47972  | NPTX2  | 2.8 | 1 | 1 | 1 | 431 | 47.0 | 5.63 | 0.406 |
| P07384  | CAPN1  | 1.1 | 1 | 1 | 1 | 714 | 81.8 | 5.67 | 0.336 |
| P52209  | PGD    | 2.3 | 1 | 1 | 1 | 483 | 53.1 | 7.23 | 0.452 |
| P17936  | IGFBP3 | 33.3 | 10 | 33 | 10 | 291 | 31.7 | 8.69 | 0.205 |
| P20908  | COL5A1 | 11.6 | 15 | 47 | 15 | 1838 | 183.4 | 5.06 | 0.189 |
| P31946  | YWHAH | 29.3 | 7 | 12 | 2 | 246 | 28.1 | 4.83 | 0.503 |
| O14950  | MYL12B | 16.3 | 2 | 2 | 2 | 172 | 19.8 | 4.84 | 0.496 |
| P25789  | PSMA4  | 30.7 | 6 | 11 | 6 | 261 | 29.5 | 7.72 | 0.468 |
| P40121  | CAPG   | 14.1 | 4 | 5 | 4 | 348 | 38.5 | 6.19 | 0.493 |
| Gene Symbol | Gene Name | Fold Change | p-Value | t-Value | LFC | FDR | FDR Adjusted |
|-------------|-----------|-------------|---------|---------|-----|-----|--------------|
| P46940      | IQGAP1    | 2.2         | 0.396   | 4.63    | 1657| 6.48| 0.396        |
| P18827      | SDC1      | 5.5         | 0.479   | 7.43    | 310 | 4.63| 0.096        |
| P25787      | PSMA2     | 20.9        | 0.140   | 7.2     | 234 | 7.43| 0.096        |
| P02768      | ALB       | 71.1        | 0.140   | 6.28    | 609 | 6.28| 0.140        |
| P02775      | PPBP      | 38.3        | 0.527   | 8.79    | 128 | 8.79| 0.527        |
| Q8WUT4      | LRRN4     | 2.7         | 0.159   | 7.2     | 740 | 7.2 | 0.159        |
| P14649      | MYL6B     | 5.3         | 0.318   | 5.73    | 208 | 5.73| 0.318        |
| P20810      | CAST      | 6.1         | 0.600   | 5.07    | 708 | 5.07| 0.600        |
| Q9NZP8      | C1RL      | 31.6        | 0.285   | 7.2     | 487 | 7.2 | 0.285        |
| P00995      | SPINK1    | 10.1        | 0.197   | 7.61    | 79  | 7.61| 0.197        |
| P00352      | ALDH1A1   | 7.0         | 0.507   | 6.73    | 501 | 6.73| 0.507        |
| P0DMV9      | HSPA1B    | 15.1        | 0.381   | 5.66    | 641 | 5.66| 0.381        |
| P46926      | GNPDA1    | 7.6         | 0.470   | 6.92    | 289 | 6.92| 0.470        |
| P30101      | PDIA3     | 17.2        | 0.353   | 6.35    | 505 | 6.35| 0.353        |
| Q9H1E3      | NUCKS1    | 3.7         | 0.434   | 5.08    | 243 | 5.08| 0.434        |
| P99999      | CYCS      | 18.1        | 0.435   | 9.57    | 105 | 9.57| 0.435        |
| P07900      | HSP90AA1  | 18.4        | 0.432   | 5.02    | 732 | 5.02| 0.432        |
| P08397      | HMBS      | 4.7         | 0.617   | 6.79    | 361 | 6.79| 0.617        |
| P13716      | ALAD      | 27.3        | 0.342   | 6.79    | 330 | 6.79| 0.342        |
| P61077      | UBE2D3    | 7.5         | 0.430   | 7.8     | 147 | 7.8 | 0.430        |
| P31431      | SDC4      | 12.1        | 0.291   | 4.5     | 198 | 4.5 | 0.291        |
| P67936      | TPM4      | 35.5        | 0.550   | 4.69    | 248 | 4.69| 0.550        |
| Q9HC38      | GLOD4     | 9.9         | 0.542   | 5.6     | 313 | 5.6 | 0.542        |
| P01009      | SERPINA1  | 33.7        | 0.474   | 5.59    | 418 | 5.59| 0.474        |
| P08833      | IGFBP1    | 11.6        | 0.454   | 5.19    | 259 | 5.19| 0.454        |
| P00390      | GSR       | 10.3        | 0.381   | 8.5     | 522 | 8.5 | 0.381        |
| Q16568      | CARTPT    | 12.9        | 0.198   | 8.25    | 116 | 8.25| 0.198        |
| P01718      | IGLV3-27  | 8.8         | 0.470   | 5.01    | 113 | 5.01| 0.470        |
| Q12907      | LMAN2     | 27.5        | 0.504   | 6.95    | 356 | 6.95| 0.504        |
| P39059      | COL15A1   | 2.1         | 0.591   | 5.29    | 108 | 5.29| 0.591        |
| O75347      | TBCA      | 6.5         | 0.599   | 5.27    | 376 | 5.27| 0.599        |
| P35237      | SERPINB6  | 9.6         | 0.330   | 6.13    | 1388| 6.13| 0.330        |
| A1L4H1      | SSC5D     | 17.7        | 0.467   | 6.13    | 1573| 6.13| 0.467        |
| P07339      | CTSD      | 37.9        | 0.565   | 6.54    | 412 | 6.54| 0.565        |
| P37837      | TALDO1    | 25.5        | 0.517   | 6.81    | 337 | 6.81| 0.517        |
| Q93045      | STMN2     | 5.0         | 0.364   | 8.32    | 179 | 8.32| 0.364        |
| Q9NY33      | DPP3      | 2.7         | 0.342   | 5.1     | 737 | 5.1 | 0.342        |
| Q02985      | CFHR3     | 6.1         | 0.501   | 7.55    | 330 | 7.55| 0.501        |
| Q04760      | GLO1      | 4.9         | 0.601   | 5.31    | 184 | 5.31| 0.601        |
| O00468      | AGRN      | 8.2         | 0.402   | 8.95    | 353 | 8.95| 0.402        |
| P08758      | ANXA5     | 10.6        | 0.603   | 5.05    | 320 | 5.05| 0.603        |
| P22626      | HNRNPA2B1 | 6.5         | 0.402   | 8.95    | 353 | 8.95| 0.402        |
| P35858      | IGFALS    | 40.0        | 0.337   | 6.79    | 605 | 6.79| 0.337        |
| Entry     | Description | CPM | 30% | 50% | 70% | 90% | 95% | 99% |
|-----------|-------------|-----|-----|-----|-----|-----|-----|-----|
| P36222    | CHI3L1      | 40.7| 12  | 29  | 12  | 383 | 42.6| 8.46| 0.189|
| Q8NB4J    | GOLM1       | 33.2| 12  | 27  | 12  | 401 | 45.3| 4.97| 0.191|
| Q9Y5Y6    | ST14        | 0.9 | 1   | 1   | 1   | 855 | 94.7| 6.55| 0.446|
| P12814    | ACTN1       | 13.6| 10  | 17  | 2   | 892 | 103.0| 5.41| 0.721|
| O00584    | RNASET2     | 20.7| 4   | 7   | 4   | 256 | 29.5| 7.08| 0.407|
| Q562R1    | ACTBL2      | 14.9| 4   | 28  | 1   | 376 | 42.0| 5.59| 0.255|
| O15389    | SIGLEC5     | 1.3 | 1   | 1   | 1   | 551 | 60.7| 7.27| 0.800|
| P04075    | ALDOA       | 35.7| 12  | 19  | 10  | 364 | 39.4| 8.09| 0.467|
| O75326    | SEMA7A      | 2.3 | 1   | 1   | 1   | 666 | 74.8| 7.64| 0.438|
| P09486    | SPARC       | 39.9| 11  | 35  | 11  | 303 | 34.6| 4.84| 0.460|
| Q92954    | PRG4        | 12.4| 16  | 46  | 16  | 1404| 151.0| 9.51| 0.309|
| P06702    | S100A9      | 44.7| 5   | 9   | 5   | 114 | 13.2 | 6.13| 0.571|
| P43652    | AFM         | 61.8| 35  | 376 | 35  | 599 | 69.0 | 5.9  | 0.348|
| P04216    | THY1        | 18.0| 2   | 4   | 2   | 161 | 17.9 | 8.73 | 0.555|
| P30044    | PRDX5       | 5.1 | 1   | 1   | 1   | 214 | 22.1 | 8.3  | 0.381|
| P98172    | EFN1        | 5.8 | 2   | 3   | 2   | 346 | 38.0 | 8.94 | 0.335|
| P63104    | YWHAZ       | 53.1| 11  | 20  | 7   | 245 | 27.7 | 4.79 | 0.525|
| P07195    | LDHB        | 37.7| 12  | 40  | 11  | 334 | 36.6 | 6.05 | 0.585|
| P11597    | CETP        | 3.0 | 1   | 1   | 1   | 493 | 54.7 | 6.09 | 0.373|
| Q9BRA2    | TXNDC17     | 7.3 | 1   | 1   | 1   | 123 | 13.9 | 5.52 | 0.474|
| Q14956    | GPNMB       | 4.7 | 2   | 7   | 2   | 572 | 63.9 | 6.64 | 0.397|
| P49746    | THBS3       | 7.9 | 6   | 9   | 5   | 956 | 104.1| 4.65 | 0.475|
| P02461    | COL3A1      | 7.5 | 9   | 34  | 9   | 1466| 138.5| 6.61 | 0.590|
| P02452    | COL1A1      | 15.8| 18  | 55  | 18  | 1464| 138.9| 5.8  | 0.510|
| P49257    | LMAN1       | 2.9 | 1   | 1   | 1   | 510 | 57.5 | 6.77 | 0.346|
| P08697    | SERPINF2    | 47.3| 22  | 182 | 22  | 491 | 54.5 | 6.29 | 0.635|
| Q01469    | FABP5       | 10.4| 1   | 1   | 1   | 135 | 15.2 | 7.01 | 0.254|
| P13727    | PRG2        | 3.2 | 1   | 1   | 1   | 222 | 25.2 | 6.76 | 0.493|
| P42126    | EC11        | 5.0 | 1   | 1   | 1   | 302 | 32.8 | 8.54 | 0.458|
| P61981    | YWHAG       | 34.4| 8   | 13  | 4   | 247 | 28.3 | 4.89 | 0.572|
| Q02818    | NUCB1       | 30.4| 11  | 22  | 11  | 461 | 53.8 | 5.25 | 0.219|
| P22891    | PROZ        | 18.8| 8   | 22  | 8   | 400 | 44.7 | 5.97 | 0.545|
| O00299    | CLIC1       | 16.2| 3   | 3   | 3   | 241 | 26.9 | 5.17 | 0.183|
| P02679    | FGG         | 71.7| 28  | 259 | 28  | 453 | 51.5 | 5.62 | 0.708|
| O95336    | PGLS        | 3.1 | 1   | 1   | 1   | 258 | 27.5 | 6.05 | 0.195|
| Q92692    | NECTIN2     | 3.5 | 2   | 2   | 2   | 538 | 57.7 | 4.82 | 0.309|
| P26038    | MSN         | 38.1| 22  | 39  | 17  | 577 | 67.8 | 6.4  | 0.667|
| O75339    | CILP        | 9.7 | 10  | 12  | 10  | 1184| 132.5| 8.41 | 0.351|
| Q9GZT8    | NIF3L1      | 6.1 | 2   | 2   | 2   | 377 | 41.9 | 6.65 | 0.573|
| P12109    | COL6A1      | 19.3| 17  | 66  | 17  | 1028| 108.5| 5.43 | 0.246|
| Q13867    | BLMH        | 9.5 | 4   | 5   | 4   | 455 | 52.5 | 6.27 | 0.565|
| P02763    | ORM1        | 7.5 | 1   | 1   | 1   | 201 | 23.5 | 5.02 | 0.382|
| O94985    | CLSTN1      | 16.0| 15  | 29  | 15  | 981 | 109.7| 4.91 | 0.307|
|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| Q13443 | ADAM9 | 1.2 | 1 | 1 | 1 | 819 | 90.5 | 7.52 | 0.652 |
| P06276 | BCHE | 35.0 | 17 | 68 | 17 | 602 | 68.4 | 7.42 | 0.293 |
| P30086 | PEBP1 | 30.5 | 4 | 8 | 4 | 187 | 21.0 | 7.53 | 0.567 |
| Q9NP78 | ABCB9 | 0.9 | 1 | 6 | 1 | 766 | 84.4 | 7.93 | 0.665 |
| P29692 | EEF1D | 4.3 | 1 | 1 | 1 | 281 | 31.1 | 7.53 | 0.586 |
| P19338 | NCL | 1.1 | 1 | 1 | 1 | 710 | 76.6 | 4.7 | 0.624 |
| Q8IXL6 | FAM20C | 8.2 | 3 | 3 | 3 | 584 | 66.2 | 7.74 | 0.351 |
| Q96GP6 | SCARF2 | 1.4 | 1 | 1 | 1 | 870 | 92.4 | 8.44 | 0.534 |
| P11021 | HSPA5 | 35.9 | 19 | 34 | 16 | 654 | 72.3 | 5.16 | 0.210 |
| P02743 | APCS | 33.2 | 8 | 47 | 8 | 223 | 25.4 | 6.54 | 0.440 |
| P05154 | SERPINA5 | 35.0 | 14 | 68 | 14 | 406 | 45.6 | 9.26 | 0.307 |
| P28799 | GRN | 10.8 | 5 | 6 | 5 | 593 | 63.5 | 6.83 | 0.401 |
| P01764 | IGHV3-23 | 9.4 | 1 | 2 | 1 | 117 | 12.6 | 8.28 | 0.558 |
| Q9BXR6 | CFHR5 | 10.0 | 4 | 12 | 3 | 569 | 64.4 | 7.06 | 0.602 |
| P16152 | CBR1 | 10.1 | 2 | 2 | 2 | 277 | 30.4 | 8.32 | 0.534 |
| Q15262 | PTPRK | 0.5 | 1 | 1 | 1 | 1439 | 162.0 | 5.9 | 0.553 |
| P01019 | AGT | 31.3 | 12 | 165 | 12 | 485 | 53.1 | 6.32 | 0.390 |
| P01860 | IGHG3 | 48.0 | 13 | 108 | 6 | 377 | 41.3 | 7.9 | 0.790 |
| Q92626 | PXDN | 1.2 | 1 | 1 | 1 | 1479 | 165.2 | 7.17 | 0.493 |
| P02675 | FGB | 70.7 | 29 | 420 | 29 | 491 | 55.9 | 8.27 | 0.722 |
| Q96A08 | HIST1H2BA | 7.1 | 1 | 1 | 1 | 127 | 14.2 | 10.3 | 0.619 |
| Q9U42 | CPA4 | 10.7 | 3 | 3 | 3 | 421 | 47.3 | 6.7 | 0.454 |
| P06454 | PTMA | 12.6 | 1 | 1 | 1 | 111 | 12.2 | 3.78 | 0.326 |
| P16930 | FAH | 12.6 | 5 | 11 | 5 | 419 | 46.3 | 6.95 | 0.549 |
| P04156 | PRNP | 3.6 | 1 | 2 | 1 | 253 | 27.6 | 9 | 0.771 |
| Q96PD2 | DCBLD2 | 5.2 | 3 | 3 | 3 | 775 | 85.0 | 7.17 | 0.211 |
| P08123 | COL1A2 | 11.1 | 13 | 32 | 13 | 1366 | 129.2 | 8.95 | 0.596 |
| P07602 | PSAP | 24.8 | 12 | 25 | 12 | 524 | 58.1 | 5.17 | 0.751 |
| P07996 | THBS1 | 18.0 | 18 | 34 | 18 | 1170 | 129.3 | 4.94 | 0.496 |
| Q96KN2 | CNDP1 | 38.1 | 16 | 70 | 16 | 507 | 56.7 | 5.3 | 0.673 |
| P22792 | CPN2 | 30.3 | 14 | 111 | 14 | 545 | 60.5 | 5.99 | 0.208 |
| P24593 | IGFBP5 | 19.9 | 3 | 8 | 3 | 272 | 30.6 | 8.21 | 0.341 |
| Q08345 | DDR1 | 1.0 | 1 | 1 | 1 | 913 | 101.1 | 6.83 | 0.648 |
| P27169 | PON1 | 42.3 | 11 | 48 | 11 | 355 | 39.7 | 5.22 | 0.663 |
| P04179 | SOD2 | 22.5 | 5 | 8 | 5 | 222 | 24.7 | 8.25 | 0.741 |
| P80188 | LCN2 | 35.9 | 5 | 19 | 5 | 198 | 22.6 | 8.91 | 0.749 |
| P08727 | KRT19 | 12.8 | 5 | 10 | 2 | 400 | 44.1 | 5.14 | 0.590 |
| P11717 | IGFB2R | 3.3 | 7 | 8 | 7 | 2491 | 274.2 | 5.94 | 0.054 |
| P63261 | ACTG1 | 61.1 | 17 | 103 | 1 | 375 | 41.8 | 5.48 | 0.532 |
| A6NMY6 | ANXA2P2 | 10.0 | 3 | 3 | 3 | 339 | 38.6 | 6.95 | 0.748 |
| P02790 | HPX | 58.9 | 25 | 1180 | 25 | 462 | 51.6 | 7.02 | 0.677 |
| O95479 | H6PD | 7.3 | 6 | 7 | 6 | 791 | 88.8 | 7.3 | 0.162 |
| P02751 | FN1 | 50.5 | 86 | 809 | 86 | 2386 | 262.5 | 5.71 | 0.433 |
| P05067  | APP          | 1.9 | 2  | 2  | 1  | 770 | 86.9 | 4.82 | 0.791 |
|---------|--------------|-----|----|----|----|-----|------|------|-------|
| Q14766  | LTBP1        | 2.7 | 4  | 5  | 4  | 1721| 186.7| 5.96 | 0.280 |
| P13473  | LAMP2        | 4.6 | 2  | 5  | 2  | 410 | 44.9 | 5.63 | 0.272 |
| Q9NX02  | NLRP2        | 1.3 | 1  | 1  | 1  | 1062| 120.4| 6.07 | 0.660 |
| Q15485  | FCN2         | 2.2 | 1  | 1  | 1  | 313 | 34.0 | 7.18 | 0.772 |
| Q14126  | DSG2         | 15.3| 14 | 37 | 14 | 1118| 122.2| 5.24 | 0.101 |
| P18669  | PGAM1        | 22.8| 5  | 12 | 5  | 254 | 28.8 | 7.18 | 0.723 |
| P01859  | IGHG2        | 25.8| 8  | 44 | 3  | 326 | 35.9 | 7.59 | 0.655 |
| P49788  | RARRES1      | 3.1 | 1  | 2  | 1  | 294 | 33.3 | 8.51 | 0.610 |
| P05546  | SERPIND1     | 48.1| 22 | 207| 22 | 499 | 57.0 | 6.9  | 0.410 |
| P08670  | VIM          | 33.9| 16 | 33 | 13 | 466 | 53.6 | 5.12 | 0.824 |
| P20061  | TCN1         | 11.1| 3  | 4  | 3  | 433 | 48.2 | 5.03 | 0.311 |
| P52565  | ARHGDIA      | 10.8| 2  | 2  | 2  | 204 | 23.2 | 5.11 | 0.595 |
| P40199  | CEACAM6      | 9.9 | 2  | 3  | 2  | 344 | 37.2 | 5.82 | 0.662 |
| P35052  | GPC1         | 2.3 | 1  | 1  | 1  | 558 | 61.6 | 7.3  | 0.350 |
| P29622  | SERPINA4     | 54.6| 21 | 189| 21 | 427 | 48.5 | 7.75 | 0.470 |
| P98160  | HSPG2        | 21.7| 70 | 149| 70 | 4391| 468.5| 6.51 | 0.319 |
| P03952  | KLKB1        | 54.4| 33 | 197| 33 | 638 | 71.3 | 8.22 | 0.445 |
| Q75874  | IDH1         | 21.0| 9  | 12 | 9  | 414 | 46.6 | 7.01 | 0.745 |
| Q8NBS9  | TXNDC5       | 16.0| 6  | 11 | 6  | 432 | 47.6 | 5.97 | 0.707 |
| Q15113  | PCOLCE       | 13.4| 4  | 7  | 4  | 449 | 47.9 | 7.43 | 0.540 |
| P07858  | CTSB         | 28.3| 8  | 23 | 8  | 339 | 37.8 | 6.3  | 0.733 |
| Q12866  | MERTK        | 1.7 | 2  | 2  | 2  | 999 | 110.2| 5.8  | 0.636 |
| P55285  | CDH6         | 3.4 | 2  | 5  | 2  | 790 | 88.3 | 4.93 | 0.175 |
| P20062  | TCN2         | 7.0 | 3  | 3  | 3  | 427 | 47.5 | 7.01 | 0.746 |
| P62805  | HIST1H4A     | 19.4| 2  | 2  | 2  | 103 | 11.4 | 11.4 | 0.570 |
| Q86W1   | PKHD1L1      | 1.6 | 4  | 5  | 4  | 4243| 465.4| 6.11 | 0.521 |
| Q9H4A9  | DPEP2        | 12.6| 5  | 7  | 5  | 486 | 53.3 | 6.54 | 0.450 |
| P62942  | FKBP1A       | 12.0| 1  | 2  | 1  | 108 | 11.9 | 8.16 | 0.668 |
| Q9H299  | SH3BGRL3     | 28.0| 2  | 2  | 2  | 93  | 10.4 | 4.93 | 0.759 |
| P00734  | F2           | 59.0| 35 | 579| 35 | 622 | 70.0 | 5.9  | 0.644 |
| P02533  | KRT14        | 17.6| 8  | 15 | 2  | 472 | 51.5 | 5.16 | 0.763 |
| P12830  | CDH1         | 14.1| 10 | 31 | 9  | 882 | 97.4 | 4.73 | 0.598 |
| P14618  | PKM          | 32.6| 16 | 16 | 14 | 531 | 57.9 | 7.84 | 0.723 |
| P01705  | IGLV2-23     | 7.1 | 1  | 1  | 1  | 113 | 11.9 | 5.91 | 0.657 |
| P02749  | APOH         | 58.8| 16 | 312| 16 | 345 | 38.3 | 7.97 | 0.625 |
| Q9UK55  | SERPINA10    | 35.6| 13 | 54 | 13 | 444 | 50.7 | 8.27 | 0.532 |
| Q8N2S1  | LTBP4        | 2.5 | 3  | 4  | 3  | 1624 | 173.3| 5.43 | 0.227 |
| Q9HC8B  | SPON1        | 11.9| 8  | 10 | 8  | 807 | 90.9 | 6.11 | 0.538 |
| P50502  | ST13         | 4.6 | 1  | 1  | 1  | 369 | 41.3 | 5.27 | 0.699 |
| P31150  | GDI1         | 4.7 | 2  | 4  | 1  | 447 | 50.6 | 5.14 | 0.544 |
| P00748  | F12          | 33.0| 17 | 77 | 17 | 615 | 67.7 | 7.74 | 0.603 |
| Q14393  | GAS6         | 2.5 | 2  | 3  | 2  | 721 | 79.6 | 6.21 | 0.530 |
| Accession | Gene  | Value1 | Value2 | Value3 | Value4 | Value5 | Value6 | Value7 | Value8 |
|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| P13647    | KRT5  | 10.3   | 6      | 12     | 1      | 590    | 62.3   | 7.74   | 0.654  |
| P36980    | CFHR2 | 44.1   | 10     | 42     | 5      | 270    | 30.6   | 6.38   | 0.831  |
| P11279    | LAMP1 | 4.8    | 2      | 5      | 2      | 417    | 44.9   | 8.75   | 0.295  |
| O95897    | OLFM2 | 3.3    | 1      | 1      | 1      | 454    | 51.4   | 7.94   | 0.669  |
| O75636    | FCN3  | 51.5   | 12     | 58     | 12     | 299    | 32.9   | 6.67   | 0.847  |
| Q6UVK1    | CSPG4 | 2.0    | 3      | 4      | 3      | 2322   | 250.4  | 5.47   | 0.653  |
| P05109    | S100A8| 31.2   | 3      | 6      | 3      | 93     | 10.8   | 7.03   | 0.862  |
| P04275    | VWF   | 25.3   | 51     | 109    | 51     | 2813   | 309.1  | 7.03   | 0.862  |
| Q15828    | CST6  | 14.1   | 2      | 4      | 2      | 149    | 16.5   | 8.09   | 0.706  |
| O60279    | SUSD5 | 4.1    | 2      | 2      | 2      | 629    | 68.0   | 4.91   | 0.847  |
| P37802    | TAGLN2| 37.7   | 6      | 8      | 6      | 199    | 22.4   | 8.25   | 0.718  |
| Q7Z7M0    | MEGF8 | 2.2    | 4      | 4      | 4      | 2845   | 302.9  | 6.87   | 0.657  |
| P13671    | C6    | 51.3   | 42     | 254    | 42     | 934    | 104.7  | 6.76   | 0.699  |
| P08294    | SOD3  | 30.4   | 5      | 15     | 5      | 240    | 25.8   | 6.61   | 0.743  |
| P06753    | TPM3  | 24.6   | 9      | 16     | 4      | 285    | 32.9   | 4.72   | 0.862  |
| P04066    | FUCA1 | 8.6    | 4      | 5      | 4      | 466    | 53.7   | 6.84   | 0.466  |
| Q12864    | CDH17 | 6.6    | 4      | 4      | 4      | 832    | 92.2   | 5.14   | 0.841  |
| Q14118    | DAG1  | 12.6   | 6      | 14     | 6      | 895    | 97.4   | 8.56   | 0.268  |
| Q14574    | DSC3  | 1.9    | 2      | 2      | 2      | 896    | 99.9   | 6.1    | 0.575  |
| Q86UN3    | RTN4RL2| 5.2   | 2      | 2      | 2      | 420    | 46.1   | 7.62   | 0.494  |
| P07225    | PROS1 | 37.4   | 20     | 102    | 20     | 676    | 75.1   | 5.67   | 0.456  |
| P20933    | AGA   | 3.2    | 1      | 2      | 1      | 346    | 37.2   | 6.28   | 0.663  |
| P06732    | CKM   | 4.5    | 1      | 1      | 1      | 381    | 43.1   | 7.25   | 0.215  |
| Q8TDY8    | IGDCC4| 1.3    | 1      | 1      | 1      | 1250   | 134.1  | 6.2    | 0.669  |
| Q9UBG0    | MRC2  | 6.9    | 6      | 8      | 6      | 1479   | 166.6  | 5.83   | 0.616  |
| Q9Y4L1    | HYOU1 | 10.3   | 7      | 14     | 7      | 999    | 111.3  | 5.22   | 0.470  |
| P54802    | NAGLU | 12.0   | 6      | 6      | 6      | 743    | 82.2   | 6.65   | 0.418  |
| P02753    | RBP4  | 73.1   | 12     | 412    | 12     | 201    | 23.0   | 6.07   | 0.753  |
| P19827    | ITIH1 | 36.2   | 27     | 545    | 27     | 911    | 101.3  | 6.79   | 0.717  |
| Q04756    | HGFAC | 22.3   | 12     | 46     | 12     | 655    | 70.6   | 7.24   | 0.659  |
| P08238    | HSP90AB1| 10.5  | 6      | 12     | 1      | 724    | 83.2   | 5.03   | 0.386  |
| P05186    | ALPL  | 2.1    | 1      | 1      | 1      | 524    | 57.3   | 6.67   | 0.848  |
| Q96RD9    | FCRL5 | 1.7    | 1      | 1      | 1      | 977    | 106.4  | 7.14   | 0.454  |
| P03591    | CFHR1 | 49.7   | 13     | 87     | 1      | 330    | 37.6   | 7.39   | 0.780  |
| Q9NR34    | MAN1C1| 1.3    | 1      | 1      | 1      | 630    | 70.9   | 7.46   | 0.750  |
| O00462    | MANBA | 3.4    | 2      | 2      | 2      | 879    | 100.8  | 5.52   | 0.793  |
| Q9NZD8    | SPG21 | 3.2    | 1      | 3      | 1      | 308    | 34.9   | 6.28   | 0.633  |
| P05155    | SERPING1| 29.2  | 16     | 174    | 16     | 500    | 55.1   | 6.55   | 0.806  |
| P02671    | FGA   | 41.0   | 33     | 387    | 33     | 866    | 94.9   | 6.01   | 0.880  |
| P08581    | MET   | 3.4    | 3      | 3      | 3      | 1390   | 155.4  | 7.33   | 0.400  |
| Q99972    | MYOC  | 6.5    | 3      | 3      | 3      | 504    | 56.9   | 5.54   | 0.779  |
| P48740    | MASP1 | 27.8   | 15     | 38     | 14     | 699    | 79.2   | 5.49   | 0.859  |
| Protein ID | Gene Symbol | 8.9 | 7  | 14 | 7  | 766 | 88.2 | 6.04 | 0.313 |
|------------|-------------|-----|----|----|----|-----|------|------|-------|
| P27487     | DPP4        | 9.2 | 1  | 1  | 1  | 87  | 10.0 | 6.57 | 0.886 |
| P07108     | DBI         | 14.4| 6  | 9  | 6  | 529 | 59.5 | 6.46 | 0.374 |
| Q6UX71     | PLXDC2      | 4.8 | 1  | 2  | 1  | 333 | 36.9 | 8.85 | 0.779 |
| P52799     | EFNB2       | 26.7| 22 | 40 | 22 | 967 | 109.5| 5.48 | 0.602 |
| P15144     | ANPEP       | 42.2| 23 | 249| 23 | 583 | 65.7 | 7.5  | 0.696 |
| P05156     | CFI         | 35.8| 9  | 9  | 5  | 165 | 18.0 | 7.81 | 0.804 |
| P62937     | PPIA        | 1.8 | 2  | 3  | 2  | 1070| 118.3| 7.09 | 0.770 |
| P12955     | PEPD        | 14.4| 6  | 9  | 6  | 529 | 59.5 | 6.46 | 0.374 |
| P10153     | RNASE2      | 19.9| 2  | 7  | 2  | 161 | 18.3 | 8.73 | 0.669 |
| A0A0J9YXX1 | IGHV5-10-1  | 26.5| 3  | 5  | 1  | 117 | 12.8 | 8.28 | 0.897 |
| Q10588     | BST1        | 20.1| 6  | 17 | 6  | 318 | 35.7 | 7.8  | 0.790 |
| Q13308     | PTK7        | 1.8 | 2  | 3  | 2  | 1070| 118.3| 7.09 | 0.770 |
| P07737     | PFn1        | 65.0| 6  | 11 | 6  | 140 | 15.0 | 8.27 | 0.889 |
| Q9HCU0     | CD248       | 9.5 | 5  | 7  | 5  | 757 | 80.8 | 5.35 | 0.869 |
| P15169     | CPN1        | 30.3| 10 | 50 | 10 | 458 | 52.3 | 7.34 | 0.669 |
| P07711     | CTS1        | 3.6 | 1  | 3  | 1  | 333 | 37.5 | 5.45 | 0.657 |
| P18428     | LBP         | 10.0| 4  | 10 | 4  | 481 | 53.4 | 6.7  | 0.860 |
| P35590     | TIE1        | 4.0 | 4  | 6  | 4  | 1138| 125.0| 7.03 | 0.583 |
| A0A0C4DH25 | IGVK3D-20   | 13.8| 2  | 3  | 1  | 116 | 12.5 | 4.59 | 0.821 |
| P68104     | EEF1A1      | 8.7 | 3  | 3  | 3  | 462 | 50.1 | 9.01 | 0.924 |
| P49747     | COMP        | 26.8| 15 | 41 | 13 | 757 | 82.8 | 4.6  | 0.889 |
| Q96RW7     | HMCN1       | 0.9 | 4  | 6  | 4  | 5635| 613.0| 6.49 | 0.727 |
| P12111     | COL6A3      | 28.7| 71 | 212| 71 | 3177| 343.5| 6.68 | 0.798 |
| O00187     | MASP2       | 10.3| 5  | 13 | 5  | 686 | 75.7 | 5.63 | 0.822 |
| P18206     | VCL         | 41.4| 42 | 55 | 42 | 1134| 123.7| 5.66 | 0.904 |
| P08DOX3    | LBP         | 24.6| 8  | 29 | 8  | 512 | 56.2 | 8.02 | 0.832 |
| P29279     | CTGF        | 3.7 | 1  | 2  | 1  | 349 | 38.1 | 8   | 0.862 |
| P10111     | SERPINA3    | 54.1| 21 | 1041| 21 | 423 | 47.6 | 5.52 | 0.705 |
| Q15904     | ATP6AP1     | 3.8 | 1  | 1  | 1  | 470 | 52.0 | 6.14 | 0.776 |
| P61204     | ARF3        | 5.5 | 1  | 1  | 1  | 181 | 20.6 | 7.43 | 0.876 |
| P02144     | MB          | 14.3| 2  | 2  | 2  | 154 | 17.2 | 7.68 | 0.715 |
| P00747     | PLG         | 60.4| 44 | 512| 44 | 810 | 90.5 | 7.24 | 0.932 |
| P62382     | TMSB4X      | 40.9| 2  | 2  | 2  | 44  | 5.1  | 5.06 | 0.924 |
| P04070     | PROC        | 19.1| 6  | 14 | 6  | 461 | 52.0 | 6.28 | 0.900 |
| Q16394     | EXT1        | 5.4 | 3  | 3  | 3  | 746 | 86.2 | 9.04 | 0.896 |
| Q96B86     | RGMA        | 4.0 | 1  | 1  | 1  | 450 | 49.3 | 7.42 | 0.794 |
| P32942     | ICAM3       | 3.3 | 2  | 2  | 2  | 547 | 59.5 | 5.43 | 0.755 |
| Q49AG3     | ZBED5       | 1.0 | 1  | 1  | 1  | 693 | 78.9 | 8.27 | 0.639 |
| P43251     | BTD         | 31.9| 15 | 74 | 15 | 543 | 61.1 | 6.25 | 0.873 |
| Q12905     | ILF2        | 4.1 | 1  | 1  | 1  | 390 | 43.0 | 5.26 | 0.691 |
| O43505     | B4GAT1      | 7.2 | 2  | 3  | 2  | 415 | 47.1 | 7.2  | 0.796 |
| P26927     | MST1        | 43.6| 23 | 66 | 23 | 711 | 80.3 | 7.68 | 0.891 |
| P04180     | LCAT        | 28.4| 8  | 26 | 8  | 440 | 49.5 | 6.11 | 0.871 |
| Q9UNN8 | PROCR | 16.4 | 3 | 8 | 3 | 238 | 26.7 | 7.18 | 0.916 |
| P13797 | PLS3 | 10.3 | 6 | 19 | 1 | 630 | 70.8 | 5.6 | 0.888 |
| Q9Y6R7 | FCGBP | 14.4 | 35 | 78 | 35 | 5405 | 571.6 | 5.34 | 0.914 |
| P12110 | COL6A2 | 8.2 | 7 | 10 | 7 | 1019 | 108.5 | 6.21 | 0.789 |
| Q9BUN1 | MENT | 2.3 | 1 | 1 | 1 | 341 | 36.7 | 8.59 | 0.893 |
| P49641 | MAN2A2 | 1.6 | 2 | 2 | 1 | 1150 | 130.5 | 6.84 | 0.834 |
| P20851 | C4BPB | 30.2 | 6 | 21 | 6 | 252 | 28.3 | 5.14 | 0.940 |
| P54289 | CACNA2D1 | 14.3 | 12 | 14 | 12 | 1103 | 124.5 | 5.27 | 0.775 |
| A0A0C4DH38 | IGHV5-51 | 34.2 | 3 | 8 | 1 | 117 | 12.7 | 8.27 | 0.797 |
| Q865Q4 | ADGRG6 | 0.9 | 1 | 1 | 1 | 1221 | 136.6 | 7.87 | 0.807 |
| Q99983 | OMD | 9.7 | 3 | 4 | 3 | 421 | 49.5 | 5.59 | 0.934 |
| P04003 | C4BPA | 39.4 | 21 | 152 | 21 | 597 | 67.0 | 7.3 | 0.951 |
| P29401 | TKT | 10.8 | 5 | 8 | 5 | 623 | 67.8 | 7.66 | 0.957 |
| A0A0C4DH34 | IGHV4-28 | 7.7 | 1 | 3 | 1 | 117 | 13.1 | 9.29 | 0.961 |
| Q92820 | GGH | 24.8 | 9 | 23 | 9 | 318 | 35.9 | 7.11 | 0.916 |
| P05121 | SERPINE1 | 8.7 | 4 | 4 | 4 | 402 | 45.0 | 7.2 | 0.958 |
| P01344 | IGF2 | 13.9 | 2 | 12 | 2 | 180 | 20.1 | 9.32 | 0.909 |
| Q13740 | ALCAM | 19.7 | 9 | 25 | 9 | 583 | 65.1 | 6.25 | 0.877 |
| P05556 | ITGB1 | 13.0 | 8 | 10 | 8 | 798 | 88.4 | 5.39 | 0.929 |
| P0DOY2 | IGLC2 | 69.8 | 6 | 120 | 3 | 106 | 113 | 7.24 | 0.949 |
| Q8NBK7 | PCSK9 | 3.0 | 2 | 2 | 2 | 692 | 74.2 | 6.61 | 0.919 |
| P24821 | TNC | 25.2 | 42 | 95 | 42 | 2201 | 240.7 | 4.89 | 0.969 |
| P23142 | FBLN1 | 27.9 | 15 | 49 | 15 | 703 | 77.2 | 5.22 | 0.966 |
| Q6YHK3 | CD109 | 10.5 | 12 | 20 | 12 | 1445 | 161.6 | 5.85 | 0.954 |
| Q13332 | PTPRS | 2.9 | 3 | 3 | 3 | 1948 | 216.9 | 6.46 | 0.915 |
| P05451 | REG1A | 31.9 | 6 | 27 | 5 | 166 | 18.7 | 5.94 | 0.986 |
| P22570 | FDXR | 4.5 | 1 | 1 | 1 | 491 | 53.8 | 8.44 | 0.965 |
| Q6FHJ7 | SFRP4 | 26.0 | 7 | 16 | 7 | 346 | 39.8 | 8.82 | 0.957 |
| P14625 | HSP90B1 | 21.0 | 16 | 35 | 15 | 803 | 92.4 | 4.84 | 0.945 |
| P07478 | PRSS2 | 15.8 | 3 | 12 | 3 | 247 | 26.5 | 4.92 | 0.989 |
| Q04917 | YWHAH | 22.4 | 6 | 11 | 2 | 246 | 28.2 | 4.84 | 0.983 |
| P86452 | ZBED6 | 1.0 | 1 | 1 | 1 | 979 | 109.9 | 6.55 | 0.903 |
| P02774 | GC | 83.8 | 43 | 1424 | 43 | 474 | 52.9 | 5.54 | 0.981 |
| P06396 | GSN | 66.8 | 39 | 418 | 39 | 782 | 85.6 | 6.28 | 0.985 |
| Q12841 | FSTL1 | 44.8 | 14 | 36 | 14 | 308 | 35.0 | 5.52 | 0.988 |
| Q9BUD6 | SPON2 | 12.4 | 3 | 5 | 3 | 331 | 35.8 | 5.52 | 0.997 |
| A0A07566K4 | IGLV3-10 | 15.7 | 2 | 4 | 2 | 115 | 12.4 | 4.83 | 0.996 |
| P56715 | RP1 | 0.5 | 1 | 1 | 1 | 2156 | 240.5 | 5.8 | 0.997 |
| P08195 | SLC3A2 | 16.7 | 8 | 12 | 8 | 630 | 68.0 | 5.01 | 1.000 |
| P55268 | LAMB2 | 1.6 | 2 | 4 | 2 | 1798 | 195.9 | 6.52 | 1.000 |
| P00751 | CFB | 58.5 | 42 | 619 | 42 | 764 | 85.5 | 7.06 | 0.993 |
| Q16610 | ECM1 | 51.9 | 22 | 130 | 22 | 540 | 60.6 | 6.71 | 0.990 |
| P05019 | IGF1 | 7.2 | 1 | 2 | 1 | 195 | 21.8 | 9.72 | 0.988 |
| P21333 | FLNA   | 4.6  | 7   | 10  | 7  | 2647 | 280.6 | 6.06 | 0.994 |
|--------|--------|------|-----|-----|----|------|-------|-----|------|
| O00339 | MATN2  | 1.2  | 1   | 1   | 1  | 956  | 106.8 | 6.27 | 0.988 |
| Q14515 | SPARCL1| 35.4 | 20  | 54  | 20 | 664  | 75.2  | 4.81 | 0.975 |
| P01593 | IGKV1D-33 | 13.7 | 1   | 4   | 1  | 117  | 12.8  | 4.78 | 0.950 |
| P04217 | A1BG   | 53.3 | 15  | 328 | 15 | 495  | 54.2  | 5.86 | 0.951 |
| Q14019 | COTL1  | 12.0 | 2   | 4   | 2  | 142  | 15.9  | 5.67 | 0.982 |
| Q13449 | LSAMP  | 10.1 | 3   | 3   | 3  | 338  | 37.4  | 6.98 | 0.966 |
| Q92859 | NEO1   | 9.5  | 10  | 17  | 10 | 1461 | 159.9 | 6.54 | 0.901 |
| P05062 | ALDOB  | 20.6 | 6   | 7   | 5  | 364  | 39.4  | 7.87 | 0.979 |
| P26572 | MGAT1  | 2.5  | 1   | 1   | 1  | 445  | 50.8  | 9.16 | 0.959 |
| P00533 | EGFR   | 3.1  | 3   | 3   | 3  | 1210 | 134.2 | 6.68 | 0.883 |
| Q9HCLO | PCDH18 | 1.7  | 2   | 2   | 2  | 1135 | 126.1 | 5.15 | 0.912 |
| Q14964 | RAB39A | 3.7  | 1   | 1   | 1  | 217  | 25.0  | 7.65 | 0.878 |
| Q9Y4D7 | PLXND1 | 2.2  | 2   | 2   | 2  | 1925 | 211.9 | 7.15 | 0.947 |
| P78417 | GSTO1  | 27.0 | 7   | 10  | 7  | 241  | 27.5  | 6.6  | 0.942 |
| P61916 | NPC2   | 43.0 | 5   | 13  | 5  | 151  | 16.6  | 7.65 | 0.935 |
| P01833 | PIGR   | 13.0 | 8   | 12  | 8  | 764  | 83.2  | 5.74 | 0.956 |
| P02766 | TTR    | 40.8 | 4   | 15  | 4  | 147  | 15.9  | 5.76 | 0.797 |
| P01033 | TIMP1  | 45.4 | 7   | 47  | 7  | 207  | 23.2  | 8.1  | 0.895 |
| P09668 | CTSH   | 12.5 | 3   | 3   | 3  | 335  | 37.4  | 8.07 | 0.747 |
| P01714 | IGLV3-19 | 8.0  | 1   | 1   | 1  | 112  | 12.0  | 4.96 | 0.947 |
| P61254 | RPL26  | 7.6  | 1   | 5   | 1  | 145  | 17.2  | 10.6 | 0.954 |
| P08185 | SERPINA6 | 31.6 | 10  | 90  | 10 | 405  | 45.1  | 6.04 | 0.857 |
| Q8IUX7 | AEBP1  | 6.6  | 7   | 9   | 7  | 1158 | 130.8 | 5.11 | 0.885 |
| Q9NTU7 | CBLN4  | 3.5  | 1   | 2   | 1  | 201  | 21.8  | 8.73 | 0.926 |
| Q07954 | LRP1   | 4.9  | 21  | 31  | 21 | 4544 | 504.3 | 5.39 | 0.886 |
| P10586 | PTPRF  | 2.0  | 3   | 3   | 3  | 1907 | 212.7 | 6.3  | 0.833 |
| P0DOX2 | 38.0  | 10  | 80  | 4  | 455  | 48.9  | 6.67 | 0.956 |
| Q8NSG2 | MACO1  | 1.1  | 1   | 1   | 1  | 664  | 76.1  | 9.07 | 0.887 |
| P08603 | CFH    | 57.4 | 62  | 1071| 54 | 1231 | 139.0 | 6.61 | 0.797 |
| Q9NPY3 | CD93   | 12.1 | 7   | 14  | 7  | 652  | 68.5  | 5.44 | 0.893 |
| A0A0C4DH31 | IGHV1-18 | 9.4  | 1   | 4   | 1  | 117  | 12.8  | 8.84 | 0.936 |
| P07911 | UMOD   | 1.4  | 1   | 1   | 1  | 640  | 69.7  | 5.24 | 0.779 |
| Q8NF2D2 | ANKK1  | 2.1  | 1   | 1   | 1  | 765  | 84.6  | 7.08 | 0.963 |
| P35442 | THBS2  | 9.8  | 9   | 16  | 9  | 1172 | 129.9 | 4.83 | 0.891 |
| Q504Y2 | PKDCC  | 2.0  | 1   | 1   | 1  | 493  | 54.1  | 8.41 | 0.919 |
| O95445 | APOM   | 48.4 | 8   | 23  | 8  | 188  | 21.2  | 6.01 | 0.965 |
| P61158 | ACTR3  | 1.9  | 1   | 2   | 1  | 418  | 47.3  | 5.88 | 0.892 |
| P08709 | F7     | 4.1  | 1   | 1   | 1  | 466  | 51.6  | 7.23 | 0.777 |
| Q9H7P6 | MVB12B | 3.4  | 1   | 1   | 1  | 319  | 35.6  | 8.15 | 0.738 |
| P0COL5 | C4B    | 62.2 | 87  | 1469| 4  | 1744 | 192.6 | 7.27 | 0.892 |
| Q9HBB8 | CDHR5  | 7.1  | 4   | 5   | 4  | 845  | 88.2  | 4.93 | 0.776 |
| Q96HD1 | CRELD1 | 4.5  | 2   | 3   | 2  | 420  | 45.4  | 4.87 | 0.807 |
| Accession | Description | Value1 | Value2 | Value3 | Value4 | Value5 | Value6 | Value7 | Value8 | Value9 | Value10 |
|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Q14112    | NID2        | 6.5    | 8      | 14     | 8      | 1375   | 151.2  | 5.29   | 0.925  |
| Q6PC93    | PGM2L1      | 3.9    | 1      | 1      | 1      | 622    | 70.4   | 7.15   | 0.871  |
| Q6PCB0    | VWA1        | 1.6    | 1      | 3      | 1      | 445    | 46.8   | 7.68   | 0.756  |
| P12318    | FCGR2A      | 9.8    | 2      | 4      | 2      | 317    | 35.0   | 6.68   | 0.812  |
| P19021    | PAM         | 6.9    | 6      | 9      | 6      | 973    | 108.3  | 6.42   | 0.563  |
| P35908    | KRT2        | 23.2   | 14     | 26     | 11     | 639    | 65.4   | 8      | 0.891  |
| P49908    | SELENOP     | 12.6   | 6      | 23     | 6      | 381    | 43.2   | 7.87   | 0.872  |
| Q9UIB8    | CD84        | 4.6    | 1      | 1      | 1      | 345    | 38.8   | 7.06   | 0.729  |
| Q93070    | ART4        | 2.9    | 1      | 1      | 1      | 314    | 35.9   | 9.22   | 0.810  |
| P08571    | CD14        | 37.3   | 13     | 76     | 13     | 375    | 40.1   | 6.23   | 0.664  |
| O75144    | ICOSLG      | 17.9   | 4      | 6      | 4      | 302    | 33.3   | 5.31   | 0.802  |
| P08572    | COL4A2      | 1.5    | 2      | 3      | 2      | 1712   | 167.4  | 8.66   | 0.867  |
| P0COL4    | C4A         | 61.4   | 86     | 1448   | 3      | 1744   | 192.7  | 7.08   | 0.921  |
| P22105    | TNXB        | 16.7   | 41     | 98     | 41     | 4242   | 457.9  | 5.17   | 0.662  |
| Q96IY4    | CPB2        | 26.2   | 11     | 51     | 11     | 423    | 48.4   | 7.71   | 0.906  |
| Q13508    | ART3        | 8.7    | 3      | 4      | 3      | 389    | 43.9   | 6.06   | 0.782  |
| P01701    | IGLV1-51    | 6.8    | 1      | 2      | 1      | 117    | 12.2   | 7.03   | 0.833  |
| P05160    | F13B        | 45.7   | 22     | 107    | 22     | 661    | 75.5   | 6.39   | 0.735  |
| Q9P232    | CNTN3       | 1.3    | 1      | 1      | 1      | 1028   | 112.8  | 6.3    | 0.848  |
| O43493    | TGOLN2      | 11.5   | 5      | 6      | 5      | 479    | 51.0   | 5.73   | 0.834  |
| Q16706    | MAN2A1      | 5.4    | 6      | 7      | 5      | 1144   | 131.1  | 7.58   | 0.637  |
| P09601    | HMOX1       | 5.6    | 1      | 1      | 1      | 288    | 32.8   | 8.25   | 0.904  |
| O60462    | NRP2        | 4.1    | 3      | 4      | 3      | 931    | 104.8  | 5.17   | 0.682  |
| O95980    | RECK        | 2.1    | 2      | 3      | 2      | 971    | 106.4  | 6.74   | 0.807  |
| Q9BS26    | ERP44       | 5.9    | 2      | 2      | 2      | 406    | 46.9   | 5.26   | 0.533  |
| P06312    | IGKV4-1     | 22.3   | 2      | 6      | 2      | 121    | 13.4   | 5.25   | 0.844  |
| O00391    | QSOX1       | 30.7   | 26     | 75     | 26     | 747    | 82.5   | 8.92   | 0.631  |
| P13497    | BMP1        | 1.6    | 1      | 1      | 1      | 968    | 111.2  | 6.9    | 0.787  |
| P22352    | GPX3        | 35.4   | 7      | 67     | 7      | 226    | 25.5   | 8.13   | 0.844  |
| Q05707    | COL14A1     | 2.1    | 3      | 3      | 3      | 1796   | 193.4  | 5.3    | 0.530  |
| Q93063    | EXT2        | 1.3    | 1      | 3      | 1      | 718    | 82.2   | 6.55   | 0.795  |
| P35555    | FBN1        | 4.9    | 11     | 11     | 11     | 2871   | 312.0  | 4.93   | 0.667  |
| P07359    | GP1BA       | 13.3   | 8      | 24     | 8      | 652    | 71.5   | 6.29   | 0.647  |
| O75882    | ATRN        | 24.3   | 30     | 117    | 30     | 1429   | 158.4  | 7.31   | 0.584  |
| Q8NHW5    | RPLP0P6     | 2.5    | 1      | 2      | 1      | 317    | 34.3   | 5.55   | 0.796  |
| P17813    | ENG         | 9.9    | 6      | 11     | 6      | 658    | 70.5   | 6.61   | 0.710  |
| P15509    | CSF2RA      | 3.5    | 1      | 1      | 1      | 400    | 46.2   | 7.75   | 0.834  |
| P28838    | LAP3        | 7.1    | 2      | 2      | 2      | 519    | 56.1   | 7.93   | 0.781  |
| P36955    | SERPINF1    | 54.5   | 21     | 191    | 21     | 418    | 46.3   | 6.38   | 0.814  |
| Q9Y279    | VSIG4       | 20.1   | 6      | 12     | 6      | 399    | 44.0   | 6.35   | 0.760  |
| P01023    | A2M         | 54.3   | 62     | 848    | 54     | 1474   | 163.2  | 6.46   | 0.776  |
| P04264    | KRT1        | 27.3   | 19     | 62     | 18     | 644    | 66.0   | 8.12   | 0.899  |
| Q5SYB0    | FRMPD1      | 0.4    | 1      | 2      | 1      | 1578   | 173.3  | 5.25   | 0.871  |
| Accession | Gene  | Fold Ch | Method | Signal | Total Ch | p-Value | q-Value |
|-----------|-------|---------|--------|--------|----------|---------|---------|
| P02647    | APOA1 | 50.6    | 14     | 52     | 14       | 267     | 30.8    | 5.76    | 0.691  |
| Q9BY67    | CADM1 | 9.3     | 3      | 5      | 3        | 442     | 48.5    | 5.07    | 0.075  |
| P23470    | PTPRG | 4.3     | 5      | 8      | 5        | 1445    | 161.9   | 6.42    | 0.698  |
| Q7Z7M8    | B3GNT8| 2.8     | 1      | 1      | 1        | 397     | 43.4    | 8.32    | 0.300  |
| Q9H8J5    | MANSC1| 3.5     | 1      | 1      | 1        | 431     | 46.8    | 6.54    | 0.803  |
| P02760    | AMBP  | 47.7    | 14     | 270    | 14       | 352     | 39.0    | 6.25    | 0.542  |
| P30043    | BLVRB | 7.3     | 1      | 1      | 1        | 206     | 22.1    | 7.65    | 0.886  |
| Q9H8L6    | MMRN2 | 4.7     | 3      | 8      | 3        | 949     | 104.3   | 5.86    | 0.673  |
| Q9H4G4    | GLIPR2| 11.0    | 1      | 1      | 1        | 154     | 17.2    | 9.41    | 0.703  |
| P06681    | C2    | 45.1    | 30     | 251    | 30       | 752     | 83.2    | 7.42    | 0.696  |
| P35443    | THBS4 | 31.6    | 20     | 56     | 17       | 961     | 105.8   | 4.68    | 0.798  |
| P52566    | ARHGDI| 6.5     | 1      | 1      | 1        | 201     | 23.0    | 5.21    | 0.781  |
| O15031    | PLXNB2| 1.1     | 2      | 2      | 2        | 1838    | 205.0   | 6.24    | 0.610  |
| P07357    | C8A   | 52.6    | 22     | 244    | 22       | 584     | 65.1    | 6.47    | 0.421  |
| P31146    | CORO1A| 1.7     | 1      | 1      | 1        | 461     | 51.0    | 6.68    | 0.632  |
| Q14520    | HABP2 | 28.9    | 13     | 99     | 13       | 560     | 62.6    | 6.54    | 0.491  |
| P07360    | C8G   | 58.4    | 11     | 82     | 11       | 202     | 22.3    | 8.31    | 0.294  |
| Q7Z7G0    | ABI3BP| 13.9    | 11     | 26     | 11       | 1075    | 118.6   | 9.44    | 0.742  |
| P07998    | RNASE1| 14.7    | 1      | 3      | 1        | 156     | 17.6    | 8.79    | 0.823  |
| Q16853    | AOC3  | 10.5    | 7      | 11     | 7        | 763     | 84.6    | 6.52    | 0.397  |
| Q99969    | RARRES2| 6.7     | 1      | 1      | 1        | 163     | 18.6    | 9.09    | 0.547  |
| A0A075B6I0| IGLV8-61| 7.4   | 1      | 4      | 1        | 122     | 12.8    | 4.55    | 0.866  |
| P28062    | PSMB8 | 4.3     | 1      | 1      | 1        | 276     | 30.3    | 7.43    | 0.581  |
| Q8TDQ0    | HAVCR2| 8.3     | 2      | 2      | 2        | 301     | 33.4    | 5.72    | 0.720  |
| P35527    | KRT9  | 31.6    | 16     | 30     | 15       | 623     | 62.0    | 5.24    | 0.883  |
| P19823    | ITIH2 | 53.2    | 38     | 578    | 38       | 946     | 106.4   | 6.86    | 0.810  |
| Q15848    | ADIPOQ| 27.0    | 5      | 16     | 5        | 244     | 26.4    | 5.74    | 0.722  |
| Q86UD1    | OAF   | 32.2    | 6      | 20     | 6        | 273     | 30.7    | 6.84    | 0.676  |
| Q9UNW1    | MINPP1| 26.7    | 11     | 18     | 11       | 487     | 55.0    | 7.81    | 0.305  |
| P10721    | KIT   | 2.8     | 3      | 5      | 3        | 976     | 109.8   | 6.98    | 0.569  |
| P00488    | F13A1 | 26.9    | 18     | 61     | 18       | 732     | 83.2    | 6.09    | 0.668  |
| P25311    | AZGP1 | 58.1    | 20     | 336    | 20       | 298     | 34.2    | 6.05    | 0.635  |
| Q9UBP4    | DKK3  | 26.3    | 6      | 18     | 6        | 350     | 38.4    | 4.65    | 0.412  |
| P07686    | HEXB  | 4.7     | 3      | 4      | 3        | 556     | 63.1    | 6.76    | 0.585  |
| Q9GZX9    | TWSG1 | 4.0     | 1      | 1      | 1        | 223     | 25.0    | 5.34    | 0.569  |
| Q01459    | CTBS  | 18.7    | 6      | 13     | 6        | 385     | 43.7    | 6.64    | 0.658  |
| P30530    | AXL   | 2.0     | 1      | 1      | 1        | 894     | 98.3    | 5.39    | 0.655  |
| P01031    | C5    | 58.8    | 81     | 618    | 81       | 1676    | 188.2   | 6.52    | 0.402  |
| Q92484    | SMPDL3A| 2.0     | 1      | 1      | 1        | 453     | 51.2    | 6.33    | 0.378  |
| Q16787    | LAMA3 | 0.5     | 1      | 1      | 1        | 3333    | 366.4   | 7.24    | 0.727  |
| Q8TER0    | SNED1 | 1.0     | 1      | 2      | 1        | 1413    | 152.1   | 6.98    | 0.636  |
| P33151    | CDH5  | 15.3    | 11     | 34     | 11       | 784     | 87.5    | 5.43    | 0.702  |
| P40189    | IL6ST | 10.5    | 7      | 7      | 7        | 918     | 103.5   | 5.95    | 0.570  |
| Gene ID  | Protein Name | Change | Fold Change | Fold Change 2 | Fold Change 3 | Fold Change 4 | Fold Change 5 | P-value |
|---------|--------------|--------|-------------|---------------|---------------|---------------|---------------|---------|
| Q8TAT6  | NPLOC4       | 1.2    | 1           | 1             | 1             | 608           | 68.1          | 6.38    | 0.497 |
| P09382  | LGALS1       | 44.4   | 5           | 7             | 5             | 135           | 14.7          | 5.5     | 0.725 |
| Q96AP7  | ESAM         | 4.6    | 2           | 3             | 2             | 390           | 41.2          | 9.32    | 0.629 |
| A6QL64  | ANKR3D6      | 0.9    | 1           | 1             | 1             | 1941          | 217.3         | 8.66    | 0.584 |
| P04792  | HSFB1        | 9.3    | 2           | 2             | 2             | 205           | 22.8          | 6.4     | 0.858 |
| P07358  | C8B          | 50.4   | 28          | 188           | 28            | 591           | 67.0          | 8.13    | 0.113 |
| P13489  | RNH1         | 7.4    | 2           | 2             | 2             | 461           | 49.9          | 4.82    | 0.447 |
| Q9HBR0  | SLC38A10     | 2.9    | 2           | 3             | 2             | 1119          | 119.7         | 5.73    | 0.268 |
| P01619  | IGKV3-20     | 13.8   | 2           | 3             | 1             | 116           | 12.5          | 4.96    | 0.652 |
| P53634  | CTSC         | 10.6   | 3           | 5             | 3             | 463           | 51.8          | 6.99    | 0.512 |
| P22692  | IGFBP4       | 34.9   | 7           | 19            | 7             | 258           | 27.9          | 7.15    | 0.608 |
| Q6UY14  | ADAMTSL4     | 3.3    | 3           | 5             | 3             | 1074          | 116.5         | 8.34    | 0.275 |
| A0A0C4DH55 | IGKV3D-7   | 5.9    | 1           | 2             | 1             | 119           | 13.1          | 5.94    | 0.779 |
| Q9BXX0  | EMILIN2      | 1.2    | 1           | 1             | 1             | 1053          | 115.6         | 6.46    | 0.691 |
| Q9UBR2  | CTSZ         | 15.8   | 5           | 6             | 5             | 303           | 33.8          | 7.11    | 0.311 |
| Q9BWV1  | BOC          | 2.0    | 1           | 2             | 1             | 1114          | 121.0         | 7.01    | 0.766 |
| Q9NZL9  | MAT2B        | 5.4    | 1           | 3             | 1             | 334           | 37.5          | 7.36    | 0.818 |
| P13598  | ICAM2        | 20.0   | 5           | 18            | 5             | 275           | 30.6          | 7.43    | 0.610 |
| A0A0B4J1V0 | IGHV3-15  | 5.9    | 1           | 3             | 1             | 119           | 12.9          | 8.62    | 0.518 |
| Q76M96  | CCDC80       | 1.8    | 1           | 1             | 1             | 950           | 108.1         | 9.72    | 0.593 |
| Q9UJ99  | GNBPTG       | 23.9   | 5           | 12            | 5             | 305           | 34.0          | 6.95    | 0.456 |
| P09619  | PDGFRB       | 2.9    | 2           | 2             | 2             | 1106          | 123.9         | 4.98    | 0.579 |
| Q0532   | CDKL1        | 2.0    | 1           | 8             | 1             | 358           | 41.8          | 8.85    | 0.644 |
| P13645  | KRT10        | 38.4   | 18          | 43            | 16            | 584           | 58.8          | 5.21    | 0.719 |
| P27930  | IL1R2        | 2.0    | 1           | 2             | 1             | 398           | 45.4          | 7.9     | 0.709 |
| P55290  | CDH13        | 17.1   | 10          | 16            | 10            | 713           | 78.2          | 4.98    | 0.433 |
| P15291  | B4GALT1      | 12.8   | 3           | 7             | 3             | 398           | 43.9          | 8.65    | 0.220 |
| O14498  | ISLR         | 14.3   | 5           | 11            | 5             | 428           | 46.0          | 5.15    | 0.408 |
| Q9NS71  | GKN1         | 7.0    | 1           | 3             | 1             | 199           | 22.0          | 6.32    | 0.748 |
| Q15223  | NECTIN1      | 9.9    | 3           | 3             | 3             | 517           | 57.1          | 6.1     | 0.465 |
| Q96FE7  | PIK3IP1      | 4.2    | 1           | 1             | 1             | 263           | 28.2          | 5.01    | 0.685 |
| P16070  | CD44         | 5.3    | 4           | 16            | 4             | 742           | 81.5          | 5.33    | 0.601 |
| Q9BTY2  | FUC2A2       | 24.2   | 11          | 17            | 11            | 467           | 54.0          | 6.25    | 0.547 |
| Q9NH3P  | IL1RAP       | 13.3   | 9           | 24            | 9             | 570           | 65.4          | 8.12    | 0.479 |
| Q12884  | FAP          | 2.0    | 2           | 9             | 1             | 760           | 87.7          | 6.65    | 0.609 |
| P11362  | FGF1         | 5.7    | 4           | 5             | 4             | 822           | 91.8          | 6.21    | 0.635 |
| P13796  | LCP1         | 58.1   | 31          | 101           | 26            | 627           | 70.2          | 5.43    | 0.588 |
| P12821  | ACE          | 2.8    | 3           | 3             | 3             | 1306          | 149.6         | 6.39    | 0.103 |
| Q9NY97  | B3GNT2       | 17.1   | 5           | 6             | 5             | 397           | 46.0          | 8.54    | 0.096 |
| P00450  | CP           | 67.7   | 60          | 1192          | 60            | 1065          | 122.1         | 5.72    | 0.093 |
| P0DOX8  | IGHV3-9      | 9.3    | 1           | 1             | 1             | 118           | 12.9          | 7.08    | 0.508 |
| Q4KWH8  | PLCH1        | 0.5    | 1           | 2             | 1             | 1693          | 189.1         | 7.74    | 0.500 |
| Accession | Gene   | Value 1 | Value 2 | Value 3 | Value 4 | Value 5 | Value 6 | Value 7 | Value 8 | Value 9 |
|-----------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| P01742    | IGHV1-69 | 15.4 | 2 | 3 | 2 | 117 | 12.7 | 9.17 | 0.786 |
| P48637    | GSS     | 5.5  | 3 | 3 | 3 | 474  | 52.4 | 5.92 | 0.227 |
| P19022    | CDH2    | 9.1  | 5 | 8 | 5 | 906  | 99.7 | 4.81 | 0.323 |
| P03951    | F11     | 39.2 | 21 | 66 | 21 | 625  | 70.1 | 8.1  | 0.579 |
| P07333    | CSF1R   | 6.7  | 4 | 13 | 4 | 972  | 107.9 | 6.37 | 0.445 |
| P02745    | C1QA    | 29.0 | 6 | 21 | 6 | 245  | 26.0 | 9.11 | 0.712 |
| P39060    | COL18A1 | 1.7  | 2 | 2  | 2 | 1754 | 178.1 | 6.01 | 0.497 |
| P21810    | BGN     | 3.0  | 1 | 1  | 1 | 368  | 41.6 | 7.52 | 0.691 |
| P07307    | ASGR2   | 16.4 | 5 | 6  | 5 | 311  | 35.1 | 6.25 | 0.374 |
| P02765    | AHSG    | 51.0 | 13 | 624 | 13 | 367  | 39.3 | 5.72 | 0.446 |
| P04222    | HLA-C   | 6.0  | 2 | 5  | 1 | 366  | 40.8 | 6.39 | 0.804 |
| O15394    | NCAM2   | 7.8  | 5 | 6  | 5 | 837  | 93.0 | 5.6  | 0.256 |
| Q9NPR2    | SEMA4B  | 5.0  | 5 | 5  | 5 | 832  | 92.1 | 6.95 | 0.569 |
| O75083    | WDR1    | 1.3  | 1 | 1  | 1 | 606  | 66.2 | 6.65 | 0.462 |
| P05362    | ICAM1   | 18.0 | 7 | 17 | 7 | 532  | 57.8 | 7.99 | 0.449 |
| Q8IWV2    | CNTN4   | 4.2  | 3 | 5  | 3 | 1026 | 113.4 | 7.47 | 0.625 |
| P55103    | INHBC   | 2.3  | 1 | 1  | 1 | 352  | 38.2 | 7.11 | 0.704 |
| Q5KU26    | COLEC12 | 0.9  | 1 | 2  | 1 | 742  | 81.5 | 5.69 | 0.391 |
| Q8WZ75    | ROBO4   | 7.1  | 6 | 7  | 6 | 1007 | 107.4 | 6.64 | 0.630 |
| P05413    | FABP3   | 6.8  | 1 | 2  | 1 | 133  | 14.8 | 6.8  | 0.531 |
| Q9GZM5    | YIPF3   | 2.9  | 1 | 1  | 1 | 350  | 38.2 | 5.76 | 0.387 |
| P05452    | CLEC3B  | 70.8 | 11 | 88 | 11 | 202  | 22.5 | 5.67 | 0.503 |
| P08637    | FCGR3A  | 12.2 | 4 | 18 | 1 | 254  | 29.1 | 8.07 | 0.366 |
| O00533    | CHL1    | 18.0 | 18 | 39 | 18 | 1208 | 135.0 | 5.76 | 0.319 |
| Q9UQP3    | TNN     | 1.8  | 1 | 8  | 1 | 1299 | 143.9 | 5.63 | 0.300 |
| P20742    | PZP     | 26.1 | 34 | 256 | 26 | 1482 | 163.8 | 6.38 | 0.764 |
| P13591    | NCAM1   | 17.1 | 12 | 31 | 12 | 858  | 94.5 | 4.87 | 0.167 |
| P17900    | GM2A    | 45.1 | 7 | 13 | 7 | 193  | 20.8 | 5.31 | 0.390 |
| P01042    | KNG1    | 59.2 | 43 | 742 | 43 | 644  | 71.9 | 6.81 | 0.360 |
| P33908    | MAN1A1  | 17.2 | 10 | 22 | 10 | 653  | 72.9 | 6.47 | 0.600 |
| P12259    | F5      | 6.2  | 11 | 15 | 11 | 2224 | 251.5 | 6.05 | 0.533 |
| Q9NZ08    | ERAP1   | 5.2  | 4 | 5  | 4 | 941  | 107.2 | 6.46 | 0.225 |
| P98095    | FBLN2   | 3.5  | 2 | 2  | 2 | 1184 | 126.5 | 4.82 | 0.474 |
| P02746    | C1QB    | 39.1 | 8 | 71 | 8 | 253  | 26.7 | 8.63 | 0.662 |
| P16284    | PECAM1  | 1.9  | 1 | 1  | 1 | 738  | 82.5 | 6.99 | 0.001 |
| P09172    | DBH     | 28.2 | 13 | 32 | 13 | 617  | 69.0 | 6.42 | 0.858 |
| Q96S96    | PEBP4   | 20.7 | 4 | 9  | 4 | 227  | 25.7 | 6.54 | 0.635 |
| Q13103    | SPP2    | 10.9 | 2 | 3  | 2 | 211  | 24.3 | 8.32 | 0.562 |
| O14786    | NRP1    | 20.3 | 14 | 28 | 14 | 923  | 103.1 | 5.88 | 0.320 |
| P43121    | MCAM    | 19.5 | 9 | 26 | 9 | 646  | 71.6 | 5.76 | 0.390 |
| Q12860    | CNTN1   | 16.7 | 14 | 20 | 14 | 1018 | 113.2 | 5.9  | 0.190 |
| P54108    | CRISP3  | 17.6 | 4 | 12 | 4 | 245  | 27.6 | 7.8  | 0.659 |
| Q99784    | OLFM1   | 11.5 | 5 | 19 | 5 | 485  | 55.3 | 6.95 | 0.073 |
| ID       | Description | Fold Change | Count | Expression | Fold Change | Expression | Fold Change | Expression |
|----------|-------------|-------------|-------|------------|-------------|------------|-------------|------------|
| Q6EMK4   | VASN        | 11.0        | 6     | 21         | 6           | 673        | 71.7        | 7.39       | 0.369      |
| Q14624   | ITIH4       | 56.8        | 41    | 609        | 41          | 930        | 103.3       | 6.98       | 0.247      |
| P09960   | LTA4H       | 20.5        | 10    | 16         | 10          | 611        | 69.2        | 6.18       | 0.096      |
| O00241   | SIRPB1      | 5.3         | 2     | 2          | 1           | 398        | 43.2        | 6.52       | 0.627      |
| P20774   | OGN         | 40.9        | 13    | 37         | 13          | 298        | 33.9        | 5.63       | 0.705      |
| P78324   | SIRPA       | 9.3         | 4     | 4          | 3           | 504        | 54.9        | 6.98       | 0.324      |
| Q08554   | DSC1        | 1.5         | 1     | 1          | 1           | 894        | 99.9        | 5.43       | 0.505      |
| P04196   | HRG         | 43.2        | 21    | 379        | 21          | 525        | 59.5        | 7.5        | 0.471      |
| P80108   | GPLD1       | 20.0        | 17    | 52         | 17          | 840        | 92.3        | 6.37       | 0.594      |
| P26992   | CNTFR       | 2.4         | 1     | 2          | 1           | 372        | 40.6        | 6.76       | 0.448      |
| P61769   | B2M         | 55.5        | 5     | 17         | 5           | 119        | 13.7        | 6.52       | 0.532      |
| Q12913   | PTPRJ       | 5.0         | 5     | 9          | 5           | 1337       | 145.9       | 5.58       | 0.317      |
| P09467   | FBP1        | 4.7         | 1     | 2          | 1           | 338        | 36.8        | 6.99       | 0.538      |
| P18065   | IGFBP2      | 34.8        | 9     | 37         | 9           | 325        | 34.8        | 7.5        | 0.489      |
| Q9H6X2   | ANTXR1      | 1.8         | 1     | 1          | 1           | 564        | 62.7        | 7.61       | 0.354      |
| Q02809   | PLD1        | 2.1         | 1     | 1          | 1           | 727        | 83.5        | 6.95       | 0.546      |
| P07942   | LAMB1       | 22.8        | 32    | 68         | 32          | 1786       | 197.9       | 4.94       | 0.314      |
| P27918   | CFP         | 33.0        | 12    | 49         | 12          | 469        | 51.2        | 7.9        | 0.525      |
| Q95497   | VNN1        | 16.2        | 6     | 11         | 6           | 513        | 57.0        | 5.55       | 0.712      |
| Q99941   | AT6B        | 1.4         | 1     | 1          | 1           | 703        | 76.7        | 6.27       | 0.231      |
| P01876   | IGHA1       | 56.4        | 14    | 213        | 9           | 353        | 37.6        | 6.51       | 0.662      |
| P01706   | IGLV2-11    | 13.4        | 2     | 2          | 1           | 119        | 13.1        | 8.53       | 0.727      |
| A0A0C4DH68 | IGKV2-24   | 10.8        | 1     | 2          | 1           | 120        | 13.1        | 8.53       | 0.727      |
| P05534   | HLA-A       | 18.9        | 6     | 11         | 5           | 365        | 40.7        | 6.34       | 0.821      |
| P10643   | C7          | 64.4        | 42    | 472        | 41          | 843        | 93.5        | 6.48       | 0.489      |
| A0A0B4J1X5 | IGHV3-74   | 15.4        | 2     | 4          | 1           | 117        | 12.8        | 8.66       | 0.437      |
| P24043   | LAMA2       | 14.0        | 37    | 55         | 37          | 3122       | 343.7       | 6.4        | 0.102      |
| P23381   | WARS        | 6.8         | 2     | 2          | 2           | 471        | 53.1        | 6.23       | 0.137      |
| Q96EE4   | CCDC126     | 8.6         | 1     | 2          | 1           | 140        | 15.7        | 9.88       | 0.442      |
| Q9ULI3   | HEG1        | 2.6         | 3     | 8          | 3           | 1381       | 147.4       | 6.18       | 0.590      |
| P68032   | ACTC1       | 41.6        | 12    | 63         | 3           | 377        | 42.0        | 5.39       | 0.155      |
| P61160   | ACTR2       | 3.0         | 1     | 1          | 1           | 394        | 44.7        | 6.74       | 0.478      |
| P08174   | CD55        | 8.9         | 4     | 8          | 4           | 381        | 41.4        | 7.59       | 0.104      |
| O60888   | CUTA        | 7.8         | 1     | 1          | 1           | 179        | 19.1        | 5.5        | 0.589      |
| Q9H8M5   | CNNM2       | 0.8         | 1     | 1          | 1           | 875        | 96.6        | 6.38       | 0.687      |
| P02750   | LRG1        | 51.6        | 13    | 205        | 13          | 347        | 38.2        | 6.95       | 0.419      |
| P0DOX6   |             | 37.8        | 17    | 145        | 1           | 576        | 63.4        | 7.87       | 0.761      |
| Q9NPG4   | PCDH12      | 1.0         | 1     | 1          | 1           | 1184       | 128.9       | 5.29       | 0.523      |
| P15151   | PVR         | 9.8         | 4     | 13         | 4           | 417        | 45.3        | 6.52       | 0.122      |
| P27348   | YWHAQ       | 22.0        | 6     | 10         | 1           | 245        | 27.7        | 4.78       | 0.770      |
| P0DOX7   |             | 53.7        | 7     | 96         | 3           | 214        | 23.4        | 7.17       | 0.473      |
| Q9NZK5   | ADA2        | 17.6        | 8     | 10         | 8           | 511        | 58.9        | 7.91       | 0.169      |
| Q99650   | OSMR        | 1.0         | 1     | 1          | 1           | 979        | 110.4       | 5.82       | 0.350      |
|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| P14543 | NID1 | 3.8 | 5 | 7 | 5 | 1247 | 136.3 | 5.29 | 0.274 |
| P11047 | LAMC1 | 22.1 | 28 | 49 | 28 | 1609 | 177.5 | 5.12 | 0.303 |
| P35916 | FLT4 | 1.8 | 1 | 1 | 1 | 1363 | 152.7 | 6.3 | 0.738 |
| Q6UXB8 | PI16 | 22.2 | 8 | 29 | 8 | 463 | 49.4 | 5.39 | 0.549 |
| P10909 | CLU | 31.0 | 15 | 153 | 15 | 449 | 52.5 | 6.27 | 0.457 |
| P13987 | CD59 | 23.4 | 3 | 5 | 3 | 128 | 14.2 | 6.48 | 0.255 |
| Q13822 | ENPP2 | 25.4 | 16 | 42 | 16 | 863 | 98.9 | 7.37 | 0.398 |
| Q86VB7 | CD163 | 26.5 | 25 | 89 | 25 | 1156 | 125.4 | 5.95 | 0.491 |
| Q9NQ79 | CRTAC1 | 14.1 | 8 | 18 | 8 | 661 | 71.4 | 5.12 | 0.236 |
| Q9HDC9 | APMAP | 7.2 | 3 | 5 | 3 | 416 | 46.5 | 6.16 | 0.682 |
| Q6KB66 | KRT80 | 1.5 | 1 | 1 | 1 | 452 | 50.5 | 5.67 | 0.681 |
| P02748 | C9 | 52.1 | 27 | 269 | 27 | 559 | 63.1 | 5.59 | 0.082 |
| P14207 | CLU | 23.5 | 5 | 10 | 5 | 255 | 29.3 | 7.53 | 0.398 |
| P04004 | VTN | 43.1 | 14 | 249 | 14 | 478 | 54.3 | 5.8 | 0.536 |
| Q16363 | LAMA4 | 7.1 | 10 | 18 | 10 | 1823 | 202.4 | 6.28 | 0.280 |
| Q9UGM5 | FETUB | 35.1 | 13 | 66 | 13 | 382 | 42.0 | 6.83 | 0.176 |
| Q9BW8P | COLEC11 | 19.9 | 6 | 15 | 6 | 271 | 28.6 | 5.41 | 0.524 |
| Q6Z3N0 | BNC2 | 1.0 | 1 | 8 | 1 | 1099 | 122.3 | 6.52 | 0.527 |
| P02747 | C1QC | 25.3 | 5 | 36 | 5 | 245 | 25.8 | 8.41 | 0.544 |
| Q95998 | IL18BP | 8.8 | 2 | 3 | 2 | 194 | 21.1 | 7.39 | 0.380 |
| P51884 | LUM | 43.2 | 14 | 253 | 14 | 338 | 38.4 | 6.61 | 0.365 |
| P01700 | IGLV1-47 | 11.1 | 1 | 1 | 1 | 117 | 12.3 | 5.91 | 0.358 |
| A9O64J7 | IGHV6-1 | 13.2 | 2 | 6 | 2 | 121 | 13.5 | 9.2 | 0.562 |
| P01008 | SERPINC1 | 58.6 | 31 | 1018 | 31 | 464 | 52.6 | 6.71 | 0.131 |
| P14151 | SELL | 19.4 | 8 | 39 | 8 | 372 | 42.2 | 6.6 | 0.279 |
| P01034 | CST3 | 47.9 | 6 | 47 | 6 | 146 | 15.8 | 8.75 | 0.090 |
| P21583 | KITLG | 3.3 | 1 | 1 | 1 | 273 | 30.9 | 6.14 | 0.295 |
| P15090 | FABP4 | 28.8 | 4 | 6 | 4 | 132 | 14.7 | 7.14 | 0.405 |
| P00742 | F10 | 23.4 | 11 | 20 | 11 | 488 | 54.7 | 5.94 | 0.441 |
| P55058 | PLTP | 30.6 | 14 | 57 | 14 | 493 | 54.7 | 7.01 | 0.336 |
| Q16270 | IGFBP7 | 30.1 | 8 | 21 | 8 | 282 | 29.1 | 7.9 | 0.265 |
| P01834 | IGKC | 80.4 | 6 | 144 | 2 | 107 | 11.8 | 6.52 | 0.598 |
| Q8WJ3 | CEMIP | 0.7 | 1 | 1 | 1 | 1361 | 152.9 | 7.85 | 0.099 |
| Q12805 | EFEMP1 | 43.6 | 17 | 62 | 17 | 493 | 54.6 | 5.07 | 0.373 |
| Q9Y6Z7 | COLEC10 | 14.8 | 4 | 6 | 4 | 277 | 30.7 | 7.33 | 0.194 |
| P06797 | PGA4 | 2.1 | 1 | 1 | 1 | 388 | 42.0 | 4.34 | 0.402 |
| P09871 | C1S | 41.3 | 23 | 171 | 22 | 688 | 76.6 | 4.96 | 0.455 |
| Q16663 | CCL15 | 16.8 | 1 | 1 | 1 | 113 | 12.2 | 8.18 | 0.092 |
| Q9NQ79 | CRTAC1 | 14.1 | 8 | 18 | 8 | 661 | 71.4 | 5.12 | 0.236 |
| P00746 | CFD | 62.8 | 14 | 67 | 14 | 253 | 27.0 | 7.71 | 0.273 |
| Q9GZP0 | PDGFD | 3.2 | 1 | 1 | 1 | 370 | 42.8 | 7.97 | 0.674 |
| O94769 | ECM2 | 5.7 | 3 | 3 | 3 | 699 | 79.7 | 5.41 | 0.232 |
| P01780 | IGHV3-7 | 23.1 | 3 | 11 | 2 | 117 | 12.9 | 6.57 | 0.486 |
| ID     | Gene  | Rank | Value1 | Value2 | Value3 | Value4 | Value5 | Value6 | Value7 | Value8 | Value9 |
|--------|-------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| P05090 | APOD  | 30.2 | 6      | 57     | 6      | 189    | 21.3   | 5.15   | 0.391  |
| O43866 | CD5L  | 47.8 | 12     | 41     | 12     | 347    | 38.1   | 5.47   | 0.440  |
| Q92520 | FAM3C | 37.4 | 7      | 14     | 7      | 227    | 24.7   | 8.29   | 0.085  |
| Q03167 | TGFB3 | 5.4  | 3      | 4      | 3      | 851    | 93.4   | 5.71   | 0.104  |
| O75382 | TRIM3 | 1.9  | 1      | 1      | 1      | 744    | 80.8   | 7.83   | 0.100  |
| Q02487 | DSC2  | 6.8  | 4      | 6      | 4      | 901    | 99.9   | 5.34   | 0.213  |
| P19971 | TYMP  | 9.3  | 3      | 3      | 3      | 482    | 49.9   | 5.53   | 0.276  |
| P09603 | CSF1  | 4.3  | 2      | 3      | 2      | 554    | 60.1   | 5.29   | 0.165  |
| Q9Y646 | CPQ   | 7.2  | 3      | 3      | 3      | 472    | 51.9   | 6.18   | 0.173  |
| P01591 | JCHAIN| 41.5 | 6      | 24     | 6      | 159    | 18.1   | 5.24   | 0.323  |
| P28482 | MAPK1 | 1.9  | 1      | 7      | 1      | 360    | 41.4   | 6.98   | 0.226  |
| P00740 | F9    | 35.4 | 12     | 36     | 12     | 461    | 51.7   | 5.47   | 0.460  |
| P41271 | NBL1  | 7.7  | 2      | 3      | 2      | 181    | 19.4   | 5.29   | 0.132  |
| P01824 | IGHV4-39 | 20.0 | 2    | 9      | 2      | 125    | 13.9   | 9.26   | 0.286  |
| Q9UM47 | NOTCH3| 0.5  | 1      | 1      | 1      | 2321   | 243.5  | 5.39   | 0.362  |
| Q8N3T6 | TMEM132C | 1.6 | 1   | 1      | 1      | 1108   | 121.7  | 6.35   | 0.525  |
| P22897 | MRC1  | 10.0 | 13     | 23     | 13     | 1456   | 165.9  | 6.54   | 0.275  |
| Q7Z3B1 | NEGR1 | 6.5  | 2      | 6      | 2      | 354    | 38.7   | 6.21   | 0.128  |
| P11684 | SCGB1A1 | 27.5 | 3   | 3      | 3      | 91     | 10.0   | 5.06   | 0.084  |
| Q4LDE5 | SVEP1 | 21.4 | 60     | 130    | 60     | 3571   | 389.9  | 5.5    | 0.379  |
| P00736 | C1R   | 48.8 | 26     | 166    | 24     | 705    | 80.1   | 6.21   | 0.446  |
| P19320 | VCAM1 | 34.8 | 22     | 59     | 22     | 739    | 81.2   | 5.22   | 0.235  |
| Q8IZF2 | ADGRF5| 4.4  | 4      | 5      | 4      | 1346   | 149.4  | 6.65   | 0.058  |
| O76061 | STC2  | 7.0  | 2      | 2      | 2      | 302    | 33.2   | 7.3    | 0.285  |
| Q9UXB1 | CTSF  | 4.5  | 2      | 2      | 2      | 484    | 53.3   | 8.22   | 0.219  |
| P24592 | IGFBP6| 27.9 | 4      | 11     | 4      | 240    | 25.3   | 7.81   | 0.183  |
| Q76LX8 | ADAMTS13| 8.1 | 10    | 11     | 10     | 1427   | 153.5  | 7.17   | 0.062  |
| Q75093 | SLIT1 | 0.6  | 1      | 1      | 1      | 1534   | 167.8  | 6.57   | 0.210  |
| P01871 | IGHM  | 62.9 | 21     | 186    | 5      | 453    | 49.4   | 6.77   | 0.548  |
| Q96PD5 | PGLYRP2| 35.1 | 13    | 176    | 13     | 576    | 62.2   | 7.55   | 0.386  |
| P08887 | IL6R  | 1.7  | 1      | 1      | 1      | 468    | 51.5   | 8.22   | 0.159  |
| P08519 | LPA   | 19.4 | 5      | 9      | 5      | 4548   | 501.0  | 5.88   | 0.403  |
| P41222 | PTGDS | 25.3 | 5      | 45     | 5      | 190    | 21.0   | 7.8    | 0.375  |
| P04746 | AMY2A | 14.5 | 6      | 12     | 6      | 511    | 57.7   | 7.05   | 0.486  |
| Q06033 | ITIH3 | 30.2 | 22     | 123    | 22     | 890    | 99.8   | 5.74   | 0.215  |
| P23471 | PTPRZ1| 0.4  | 1      | 1      | 1      | 2315   | 254.4  | 4.88   | 0.220  |
| P05543 | SERPINA7| 56.9 | 22    | 213    | 22     | 415    | 46.3   | 6.3    | 0.062  |
| Q8UHG3 | PCYOX1| 10.5 | 5      | 6      | 5      | 505    | 56.6   | 6.18   | 0.293  |
| P16035 | TIMP2 | 35.5 | 9      | 18     | 9      | 220    | 24.4   | 7.49   | 0.135  |
| Q6UWP8 | SBSN  | 15.3 | 2      | 3      | 2      | 590    | 60.5   | 7.01   | 0.236  |
| Q9Y275 | TNFSF13B| 4.6  | 1    | 2      | 1      | 285    | 31.2   | 6.25   | 0.470  |
| Q13790 | APOF  | 7.7  | 2      | 8      | 2      | 326    | 35.4   | 5.64   | 0.250  |
| P32004 | L1CAM | 1.0  | 1      | 1      | 1      | 1257   | 139.9  | 6.24   | 0.078  |
| P08254 | MMP3  | 2.5 | 1 | 1 | 1 | 477 | 53.9 | 6.16 | 0.241 |
| P08253 | MMP2  | 55.0 | 30 | 98 | 30 | 660 | 73.8 | 5.47 | 0.181 |
| Q9Y5Y7 | LYVE1  | 15.2 | 5 | 14 | 5 | 322 | 35.2 | 8.28 | 0.138 |
| P60709 | ACTB  | 61.1 | 17 | 104 | 1 | 375 | 41.7 | 5.48 | 0.146 |
| P46939 | UTRN  | 0.4 | 1 | 1 | 1 | 3433 | 394.2 | 5.33 | 0.388 |
| P11226 | MBL2  | 31.5 | 6 | 20 | 6 | 248 | 26.1 | 5.49 | 0.052 |
| A0A087WW87 | IGKV2-40 | 10.7 | 1 | 5 | 1 | 121 | 13.3 | 4.61 | 0.322 |
| P45877 | PPIC  | 6.1 | 1 | 2 | 1 | 212 | 22.7 | 8.4 | 0.115 |
| P98066 | TNFAIP6 | 7.2 | 1 | 1 | 1 | 277 | 31.2 | 6.79 | 0.230 |
| P02649 | APOE  | 74.4 | 25 | 158 | 25 | 317 | 36.1 | 5.73 | 0.142 |
| P07585 | DCN   | 10.6 | 4 | 10 | 4 | 359 | 39.7 | 8.54 | 0.186 |
| Q86TH1 | ADAMTS12 | 4.7 | 2 | 2 | 2 | 951 | 104.6 | 6.42 | 0.083 |
| P04114 | APOB  | 59.9 | 259 | 2604 | 259 | 4563 | 515.3 | 7.05 | 0.202 |
| O14791 | APOL1 | 19.1 | 8 | 15 | 8 | 398 | 43.9 | 5.81 | 0.239 |
| A0A075B6I9 | IGLV7-46 | 7.7 | 1 | 1 | 1 | 117 | 12.5 | 7.2 | 0.396 |
| Q7LFX5 | CHST15 | 2.3 | 1 | 1 | 1 | 561 | 64.9 | 8.29 | 0.171 |
| P04278 | SHBG  | 46.8 | 14 | 74 | 14 | 402 | 43.8 | 6.71 | 0.119 |
| Q9UEW3 | MARCO | 8.1 | 4 | 5 | 4 | 520 | 52.6 | 8.78 | 0.254 |
| Q13093 | PLA2G7 | 16.1 | 6 | 6 | 6 | 441 | 50.0 | 7.56 | 0.226 |
| Q8N9V7 | TOPAZ1 | 1.2 | 1 | 1 | 1 | 1692 | 190.8 | 7.87 | 0.163 |
| P35542 | SAA4  | 27.7 | 4 | 15 | 4 | 130 | 14.7 | 9.07 | 0.186 |
| P02741 | CRP   | 23.2 | 5 | 18 | 5 | 224 | 25.0 | 5.63 | 0.159 |
| P16233 | PNLIP | 9.0 | 3 | 3 | 3 | 465 | 51.1 | 6.73 | 0.376 |
| Q6WN34 | CHRLD2 | 1.6 | 1 | 1 | 1 | 429 | 47.5 | 7.88 | 0.053 |
| P02654 | APOC1 | 34.9 | 5 | 18 | 5 | 83 | 9.3 | 8.47 | 0.318 |
| P02656 | APOC3 | 34.3 | 3 | 21 | 3 | 99 | 10.8 | 5.41 | 0.331 |
| P10645 | CHGA  | 7.4 | 2 | 3 | 2 | 457 | 50.7 | 4.6 | 0.177 |
| P02655 | APOC2 | 49.5 | 4 | 15 | 4 | 101 | 11.3 | 4.72 | 0.248 |
| P48304 | REG1B | 21.1 | 3 | 11 | 2 | 166 | 18.7 | 5.95 | 0.104 |