|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 19q13  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Symbol | Name | Sequence ID | Mammary gland | EST Normal | EST Cancer | Total Normal | Total Cancer | Normal Total -Seq | Cancer Total -Seq | Chi Square | P-Value | Normal/Cancer | Cancer / Normal | | KIR2DS5 | killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5 | NM\_014513 | KLK3 | 1 | 221 | 36120 | 61456 | 36119 | 61235 | 127.611921869665 | 1.36483036328486E-29 | 0.00767134881817882 | 130.355172695354 | | SCN1B | sodium channel, voltage-gated, type I, beta polypeptide | NM\_001037 | SIRT2 | 8 | 118 | 36120 | 61456 | 36112 | 61338 | 50.8954836095437 | 9.74174837016106E-13 | 0.115155861613211 | 8.68388274805178 | | FLJ00060 | hypothetical gene FLJ00060 | AK024467 | FLJ10241 | 43 | 11 | 36120 | 61456 | 36077 | 61445 | 42.0802906421563 | 8.76016779436879E-11 | 6.65781774840178 | 0.150199365286028 | | FLJ23469 | hypothetical protein FLJ23469 | NM\_024710 | FOSB | 20 | 0 | 36120 | 61456 | 36100 | 61456 | 34.0357691708501 | 5.41081929069796E-09 | #DIV/0! | #DIV/0! | | RABAC1 | Rab acceptor 1 (prenylated) | NM\_006423 | RPS5 | 5 | 77 | 36120 | 61456 | 36115 | 61379 | 33.6530619437447 | 6.58711095156053E-09 | 0.110359943254862 | 9.06125873670148 | | FPR1 | formyl peptide receptor 1 | NM\_002029 | FTL | 95 | 71 | 36120 | 61456 | 36025 | 61385 | 29.1355779006318 | 6.74862366751542E-08 | 2.27994057334988 | 0.438607923245435 | | LOC51171 | retinal short-chain dehydrogenase/reductase retSDR3 | NM\_016246 | LTBP4 | 14 | 0 | 36120 | 61456 | 36106 | 61456 | 23.8235731951171 | 1.05581479647155E-06 | #DIV/0! | #DIV/0! | | KIR3DS1 | killer cell immunoglobulin-like receptor, three domains, short cytoplasmic tail, 1 | NM\_014514 | KLK6 | 13 | 0 | 36120 | 61456 | 36107 | 61456 | 22.1216626508045 | 2.55905622051113E-06 | #DIV/0! | #DIV/0! | | DKFZP564K0322 | hypothetical protein DKFZp564K0322 | NM\_032040 | DKFZP586N1922 | 13 | 1 | 36120 | 61456 | 36107 | 61455 | 18.7263323634306 | 0.0000150884430363074 | 22.1263189963165 | 0.0451950457808403 | | HRMT1L2 | HMT1 hnRNP methyltransferase-like 2 (S. cerevisiae) | NM\_001536 | HU-K4 | 14 | 2 | 36120 | 61456 | 36106 | 61454 | 17.4924383691717 | 0.0000288452666312765 | 11.9143078712679 | 0.0839326976274937 | | E1B-AP5 | E1B-55kDa-associated protein 5 | NM\_007040 | EHD2 | 9 | 0 | 36120 | 61456 | 36111 | 61456 | 15.3143693436731 | 0.0000910215084222694 | #DIV/0! | #DIV/0! | | PTPRH | protein tyrosine phosphatase, receptor type, H | NM\_002842 | RPL13A | 31 | 112 | 36120 | 61456 | 36089 | 61344 | 14.4523940181384 | 0.00014374702968617 | 0.470479726707386 | 2.12549009709391 | | LOC51231 | VRK3 for vaccinia related kinase 3 | NM\_016440 | LU | 14 | 4 | 36120 | 61456 | 36106 | 61452 | 12.82936507762 | 0.000341221527348794 | 5.95696006203955 | 0.167870858556272 | | APOE | apolipoprotein E | NM\_000041 | APOE | 0 | 21 | 36120 | 61456 | 36120 | 61435 | 12.3451458186505 | 0.000442134614930655 | 0 | #DIV/0! | | ZNF226 | zinc finger protein 226 | NM\_015919 NM\_016444 | ZNF42 | 12 | 3 | 36120 | 61456 | 36108 | 61453 | 11.8882906822623 | 0.000564879381403249 | 6.8076880469702 | 0.146892747302817 | | AKT2 | v-akt murine thymoma viral oncogene homolog 2 | NM\_001626 | AKT2 | 10 | 2 | 36120 | 61456 | 36110 | 61454 | 11.0426009337727 | 0.000890418549583222 | 8.50927720852949 | 0.117518794545514 | | R30953\_1 | hypothetical protein R30953\_1 | NM\_019612 | RPS16 | 2 | 26 | 36120 | 61456 | 36118 | 61430 | 10.7215178440177 | 0.00105896771242557 | 0.130831846043098 | 7.64339899072115 | | R29124\_1 | hypothetical protein R29124\_1 | NM\_033543 | RPS11 | 10 | 50 | 36120 | 61456 | 36110 | 61406 | 10.6646891975679 | 0.00109200202867701 | 0.3401052340072 | 2.94026642347653 | | SIGLEC5 | sialic acid binding Ig-like lectin 5 | NM\_003830 | SNRP70 | 3 | 29 | 36120 | 61456 | 36117 | 61427 | 10.4909483695373 | 0.00119960785550552 | 0.175942554513922 | 5.68367330327055 | | FBG4 | F-box protein FBG4 | NM\_024907 NM\_024907 | FCGBP | 6 | 0 | 36120 | 61456 | 36114 | 61456 | 10.2092656469144 | 0.00139736810503785 | #DIV/0! | #DIV/0! | | LU | Lutheran blood group (Auberger b antigen included) | NM\_005581 | MGC13096 | 6 | 0 | 36120 | 61456 | 36114 | 61456 | 10.2092656469144 | 0.00139736810503785 | #DIV/0! | #DIV/0! | | SSTRIP | somatostatin receptor-interacting protein | NM\_016148 | TNNT1 | 0 | 16 | 36120 | 61456 | 36120 | 61440 | 9.40534333226696 | 0.00216354005576033 | 0 | #DIV/0! | | GAPDS | glyceraldehyde-3-phosphate dehydrogenase, testis-specific | NM\_014364 | GLTSCR2 | 1 | 20 | 36120 | 61456 | 36119 | 61436 | 9.37327761983384 | 0.00220171488155067 | 0.0850466513469365 | 11.7582524903965 | | ITPKC | inositol 1,4,5-trisphosphate 3-kinase C | D38169 | KDELR1 | 15 | 7 | 36120 | 61456 | 36105 | 61449 | 9.16675138026595 | 0.00246451668879331 | 3.6470413674402 | 0.274194860778857 | | FLJ21369 | hypothetical protein FLJ21369 | NM\_024802 | FLJ22059 | 7 | 1 | 36120 | 61456 | 36113 | 61455 | 8.74550204624666 | 0.00310366651042583 | 11.9121922853266 | 0.0839476039378407 | | FBL | fibrillarin | NM\_001436 | FCGRT | 45 | 126 | 36120 | 61456 | 36075 | 61330 | 8.41437712442294 | 0.00372265326208523 | 0.607167607167607 | 1.64699168433067 | | RAI | RelA-associated inhibitor | NM\_006663 | RPS9 | 29 | 90 | 36120 | 61456 | 36091 | 61366 | 8.17454958617945 | 0.00424822189148192 | 0.547878664733282 | 1.82522164918909 | | UPK1A | uroplakin 1A | NM\_007000 | ZFP36 | 13 | 6 | 36120 | 61456 | 36107 | 61450 | 8.03850486677515 | 0.00457933210330345 | 3.68741979856168 | 0.271192338987294 | | RPL28 | ribosomal protein L28 | NM\_000991 | SAE1 | 1 | 17 | 36120 | 61456 | 36119 | 61439 | 7.64349872483687 | 0.00569773004201165 | 0.100059769748039 | 9.99402659548495 | | PVR | poliovirus receptor | NM\_006505 | RPL18 | 10 | 43 | 36120 | 61456 | 36110 | 61413 | 7.49219646045948 | 0.00619669325952801 | 0.395516284221983 | 2.52834090502011 | | CYP2S1 | cytochrome P450, subfamily IIS, polypeptide 1 | NM\_030622 | DBP | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | D19S1177E | DNA segment on chromosome 19 (unique) 1177 expressed sequence | NM\_006114 | DDX34 | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | FLJ10922 | hypothetical protein FLJ10922 | NM\_018273 | FLJ12168 | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | PGLYRP | peptidoglycan recognition protein | NM\_005091 | PPP1R12C | 6 | 1 | 36120 | 61456 | 36114 | 61455 | 7.12044864364868 | 0.00762096357095278 | 10.2101678019605 | 0.0979415832723131 | | LILRA1 | leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1 | NM\_006863 | LIPE | 10 | 4 | 36120 | 61456 | 36110 | 61452 | 7.11157504360101 | 0.00765877906429772 | 4.2545001384658 | 0.235045238560177 | | THOP1 | thimet oligopeptidase 1 | NM\_003249 | UBF-fl | 0 | 12 | 36120 | 61456 | 36120 | 61444 | 7.05371829385812 | 0.00791008890828111 | 0 | #DIV/0! | | CEACAM8 | carcinoembryonic antigen-related cell adhesion molecule 8 | NM\_001816 | CEBPA | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | FTL | ferritin, light polypeptide | NM\_000146 | FXYD1 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | KLK14 | kallikrein 14 | NM\_022046 | LAIR1 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | ZNF230 | zinc finger protein 230 | NM\_006300 | ZNF8 | 4 | 0 | 36120 | 61456 | 36116 | 61456 | 6.80603758707713 | 0.00908501498274816 | #DIV/0! | #DIV/0! | | BLVRB | biliverdin reductase B (flavin reductase (NADPH)) | NM\_000713 | BLVRB | 0 | 11 | 36120 | 61456 | 36120 | 61445 | 6.46584216320889 | 0.0109967523434509 | 0 | #DIV/0! | | PSG7 | pregnancy specific beta-1-glycoprotein 7 | NM\_002783 | RAI | 7 | 2 | 36120 | 61456 | 36113 | 61454 | 6.41409082088439 | 0.0113218289996573 | 5.95599922465594 | 0.167897939922544 | | TFPT | TCF3 (E2A) fusion partner (in childhood Leukemia) | NM\_013342 | U2AF65 | 8 | 3 | 36120 | 61456 | 36112 | 61453 | 6.01720337477311 | 0.0141670808430056 | 4.53795598877566 | 0.220363529852082 | | AP2S1 | adaptor-related protein complex 2, sigma 1 subunit | NM\_004069 NM\_021575 | AP2S1 | 0 | 10 | 36120 | 61456 | 36120 | 61446 | 5.87797808339973 | 0.0153314185526714 | 0 | #DIV/0! | | ERF | Ets2 repressor factor | NM\_006494 | F23149\_1 | 0 | 10 | 36120 | 61456 | 36120 | 61446 | 5.87797808339973 | 0.0153314185526714 | 0 | #DIV/0! | | RPL13A | ribosomal protein L13a | NM\_012423 | RUVBL2 | 0 | 10 | 36120 | 61456 | 36120 | 61446 | 5.87797808339973 | 0.0153314185526714 | 0 | #DIV/0! | | KIR2DL5 | killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5 | NM\_020535 | KLK10 | 5 | 1 | 36120 | 61456 | 36115 | 61455 | 5.52096093831405 | 0.0187899360103846 | 8.50823757441506 | 0.117533154340574 | | PSG11 | pregnancy specific beta-1-glycoprotein 11 | NM\_002785 | PVR | 5 | 1 | 36120 | 61456 | 36115 | 61455 | 5.52096093831405 | 0.0187899360103846 | 8.50823757441506 | 0.117533154340574 | | GMFG | glia maturation factor, gamma | NM\_004877 | GPI | 43 | 45 | 36120 | 61456 | 36077 | 61411 | 5.30171869407886 | 0.0213043952761861 | 1.62656601774599 | 0.61479213821628 | | CYP2A7P1 | cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 7, pseudogene 1 | U22030 | CYP2B7 | 0 | 9 | 36120 | 61456 | 36120 | 61447 | 5.29012605406008 | 0.0214466699987359 | 0 | #DIV/0! | | HAS1 | hyaluronan synthase 1 | NM\_001523 | HSPBP1 | 0 | 9 | 36120 | 61456 | 36120 | 61447 | 5.29012605406008 | 0.0214466699987359 | 0 | #DIV/0! | | LOC56891 | placental protein 13-like protein | NM\_020129 | M9 | 18 | 56 | 36120 | 61456 | 36102 | 61400 | 5.11754943521028 | 0.0236850445768359 | 0.546665400413115 | 1.82927252985885 | | CYP2A7 | cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 7 | NM\_000764 NM\_030589 | CYP2B6 | 3 | 0 | 36120 | 61456 | 36117 | 61456 | 5.10447587534172 | 0.0238641915746489 | #DIV/0! | #DIV/0! | | KLK1 | kallikrein 1, renal/pancreas/salivary | NM\_002257 | KLK7 | 3 | 0 | 36120 | 61456 | 36117 | 61456 | 5.10447587534172 | 0.0238641915746489 | #DIV/0! | #DIV/0! | | EMAP-2 | microtubule-associated protein like echinoderm EMAP | NM\_012155 | ERCC1 | 6 | 2 | 36120 | 61456 | 36114 | 61454 | 4.9507530887312 | 0.0260793077037111 | 5.10500083070278 | 0.195886354020894 | | CYP2B7 | cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide 7 | M29873 | D19S1177E | 0 | 8 | 36120 | 61456 | 36120 | 61448 | 4.70228607481943 | 0.0301225283906982 | 0 | #DIV/0! | | NDUFA3 | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3 (9kD, B9) | NM\_004542 | NUCB1 | 14 | 10 | 36120 | 61456 | 36106 | 61446 | 4.67848103648908 | 0.0305427468251708 | 2.38255137650252 | 0.419718126485044 | | NFKBIB | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta | NM\_002503 | NUP62 | 1 | 11 | 36120 | 61456 | 36119 | 61445 | 4.23532798304173 | 0.0395909771125601 | 0.154652927570229 | 6.46609162665799 | | CEACAM4 | carcinoembryonic antigen-related cell adhesion molecule 4 | NM\_001817 | CEACAM5 | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | F25965 | hypothetical protein F25965 | BC008939 | FBL | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | ILT10 | leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 5 | NM\_024317 | ITPKC | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | LY94 | lymphocyte antigen 94 homolog, activating NK-receptor; NK-p46, (mouse) | NM\_004829 | MGC13170 | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | MGC13096 | hypothetical protein MGC13096 | NM\_032346 | MGC4090 | 0 | 7 | 36120 | 61456 | 36120 | 61449 | 4.11445814530726 | 0.0425181483745161 | 0 | #DIV/0! | | SIRT2 | sirtuin silent mating type information regulation 2 homolog 2 (S. cerevisiae) | NM\_012237 NM\_030593 | SPINT2 | 5 | 22 | 36120 | 61456 | 36115 | 61434 | 3.9640959397394 | 0.0464804819910449 | 0.386605917964079 | 2.58661327603607 | | SLC17A7 | solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7 | NM\_020309 | SPK | 4 | 1 | 36120 | 61456 | 36116 | 61455 | 3.96235741922017 | 0.0465285063965383 | 6.806401594861 | 0.146920510942966 | | NUP62 | nucleoporin 62kD | NM\_012346 NM\_016553 | PLAUR | 5 | 2 | 36120 | 61456 | 36115 | 61454 | 3.55553241502835 | 0.0593472758521107 | 4.25404956389312 | 0.235070133758584 | | GPR40 | G protein-coupled receptor 40 | NM\_005303 | GRLF1 | 11 | 8 | 36120 | 61456 | 36109 | 61448 | 3.55276555742804 | 0.0594463033472554 | 2.33988756265751 | 0.427370962587731 | | CLC | Charot-Leyden crystal protein | NM\_001828 | CLPTM1 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | EGLN2 | egl nine homolog 2 (C. elegans) | NM\_017555 NM\_053046 NM\_080732 | EMAP-2 | 0 | 6 | 36120 | 61456 | 36120 | 61450 | 3.52664226515309 | 0.0603899805615339 | 0 | #DIV/0! | | MYBPC2 | myosin binding protein C, fast type | NM\_004533 | NR1H2 | 10 | 7 | 36120 | 61456 | 36110 | 61449 | 3.46784567384783 | 0.0625727665223159 | 2.43102425129564 | 0.411349248970691 | | SNRPD2 | small nuclear ribonucleoprotein D2 polypeptide (16.5kD) | NM\_004597 | SUPT5H | 6 | 3 | 36120 | 61456 | 36114 | 61453 | 3.39380918153462 | 0.0654416159017824 | 3.40327850695021 | 0.293834312401347 | | CIC | capicua homolog (Drosophila) | NM\_015125 | CKAP1 | 7 | 4 | 36120 | 61456 | 36113 | 61452 | 3.34349907866832 | 0.0674710028813236 | 2.9779026943206 | 0.335806808566035 | | DMRTC2 | DMRT-like family C2 | AJ291669 | E1B-AP5 | 16 | 15 | 36120 | 61456 | 36104 | 61441 | 2.83346478051472 | 0.092319012071416 | 1.81523007607652 | 0.550894353933041 | | CEACAM5 | carcinoembryonic antigen-related cell adhesion molecule 5 | NM\_004363 | CEACAM6 | 2 | 11 | 36120 | 61456 | 36118 | 61445 | 2.60973264347102 | 0.106209692072964 | 0.309314418899667 | 3.23295630238425 | | ATF5 | activating transcription factor 5 | NM\_012068 | ATF5 | 6 | 21 | 36120 | 61456 | 36114 | 61435 | 2.53566811517863 | 0.111299799268432 | 0.486040237660108 | 2.05744282575079 | | AF020591 | zinc finger protein | NM\_014480 | AF020591 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | FLJ12355 | hypothetical protein FLJ12355 | NM\_024988 | FLJ12886 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | IMUP | immortalization-upregulated protein | BM045469 | KCNK6 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | LIPE | lipase, hormone-sensitive | NM\_005357 | LOC85415 | 3 | 1 | 36120 | 61456 | 36117 | 61455 | 2.4752750653944 | 0.115649249681085 | 5.10465985546972 | 0.19589943861362 | | KCNA7 | potassium voltage-gated channel, shaker-related subfamily, member 7 | NM\_031886 | KIAA0174 | 8 | 6 | 36120 | 61456 | 36112 | 61450 | 2.4325411430728 | 0.118840158021227 | 2.26886722788362 | 0.440748576078112 | | PVRL2 | poliovirus receptor-related 2 (herpesvirus entry mediator B) | NM\_002856 | RPL28 | 19 | 49 | 36120 | 61456 | 36101 | 61407 | 2.40428749592656 | 0.121003236726809 | 0.659562825157763 | 1.51615579571333 | | AP2A1 | adaptor-related protein complex 2, alpha 1 subunit | AL136925 | AP2A1 | 0 | 4 | 36120 | 61456 | 36120 | 61452 | 2.3510466514368 | 0.125198959176223 | 0 | #DIV/0! | | FCGRT | Fc fragment of IgG, receptor, transporter, alpha | NM\_004107 | FLJ00018 | 0 | 4 | 36120 | 61456 | 36120 | 61452 | 2.3510466514368 | 0.125198959176223 | 0 | #DIV/0! | | CALM3 | calmodulin 3 (phosphorylase kinase, delta) | NM\_005184 | CAPNS1 | 37 | 45 | 36120 | 61456 | 36083 | 61411 | 2.31218029260848 | 0.128363928422512 | 1.39937058694923 | 0.714606987831654 | | DMWD | dystrophia myotonica-containing WD repeat motif | L19267 | ECH1 | 3 | 13 | 36120 | 61456 | 36117 | 61443 | 2.29041343623813 | 0.130175290672307 | 0.392589468841649 | 2.54719007860944 | | RNO2 | leucine-rich-repeat protein | NM\_033297 | RTN2 | 6 | 4 | 36120 | 61456 | 36114 | 61452 | 2.26579504183074 | 0.132258374052713 | 2.55241734507393 | 0.39178545856929 | | PSG2 | pregnancy specific beta-1-glycoprotein 2 | NM\_031246 | PVRL2 | 5 | 3 | 36120 | 61456 | 36115 | 61453 | 2.22838635651007 | 0.135495326327167 | 2.83598689371914 | 0.35261093844076 | | SIGLEC7 | sialic acid binding Ig-like lectin 7 | NM\_014385 NM\_016543 | SNRPD2 | 5 | 17 | 36120 | 61456 | 36115 | 61439 | 1.92735038656221 | 0.165048697180208 | 0.500354260491404 | 1.9985839613275 | | NUCB1 | nucleobindin 1 | NM\_006184 | PKD2 | 8 | 7 | 36120 | 61456 | 36112 | 61449 | 1.71301521345417 | 0.190594721044352 | 1.94471169061333 | 0.514215040114567 | | AXL | AXL receptor tyrosine kinase | NM\_001699 NM\_021913 | AXL | 2 | 9 | 36120 | 61456 | 36118 | 61447 | 1.67405250382692 | 0.195716724953417 | 0.378063261777753 | 2.64505997038098 | | GRWD | glutamate rich WD repeat protein GRWD | NM\_031485 | HNRPL | 2 | 9 | 36120 | 61456 | 36118 | 61447 | 1.67405250382692 | 0.195716724953417 | 0.378063261777753 | 2.64505997038098 | | ZNF225 | zinc finger protein 225 | NM\_013362 | ZNF361 | 2 | 9 | 36120 | 61456 | 36118 | 61447 | 1.67405250382692 | 0.195716724953417 | 0.378063261777753 | 2.64505997038098 | | DYRK1B | dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B | NM\_004714 NM\_006483 NM\_006484 | EGLN2 | 5 | 16 | 36120 | 61456 | 36115 | 61440 | 1.57161483972399 | 0.209972783034659 | 0.531635054686418 | 1.88098958333333 | | CEBPA | CCAAT/enhancer binding protein (C/EBP), alpha | NM\_004364 | CEBPG | 1 | 6 | 36120 | 61456 | 36119 | 61450 | 1.5515387494674 | 0.21290852176094 | 0.283553439094844 | 3.526672091131 | | LAIR1 | leukocyte-associated Ig-like receptor 1 | NM\_002287 NM\_021706 NM\_021708 | LIG1 | 1 | 6 | 36120 | 61456 | 36119 | 61450 | 1.5515387494674 | 0.21290852176094 | 0.283553439094844 | 3.526672091131 | | PRV1 | polycythemia rubra vera 1; cell surface receptor | NM\_020406 | PSMC4 | 3 | 11 | 36120 | 61456 | 36117 | 61445 | 1.45943815283936 | 0.227019652368799 | 0.46398447469965 | 2.15524452762633 | | BCL2L12 | BCL2-like 12 (proline rich) | NM\_052842 | BCL2L12 | 4 | 3 | 36120 | 61456 | 36116 | 61453 | 1.21618331130005 | 0.270111175315497 | 2.26872669546277 | 0.440775877499878 | | FLJ00018 | hypothetical protein FLJ00018 | AK024429 | FLJ10211 | 4 | 3 | 36120 | 61456 | 36116 | 61453 | 1.21618331130005 | 0.270111175315497 | 2.26872669546277 | 0.440775877499878 | | GPR42 | G protein-coupled receptor 42 | NM\_005305 | GSK3A | 4 | 3 | 36120 | 61456 | 36116 | 61453 | 1.21618331130005 | 0.270111175315497 | 2.26872669546277 | 0.440775877499878 | | FUT2 | fucosyltransferase 2 (secretor status included) | NM\_000511 | FXYD5 | 8 | 8 | 36120 | 61456 | 36112 | 61448 | 1.15689855801846 | 0.28210989824528 | 1.70159503766061 | 0.587683895326129 | | KIAA1533 | KIAA1533 protein | BC014077 | KIAA1932 | 3 | 2 | 36120 | 61456 | 36117 | 61454 | 1.13283946588258 | 0.287170740884631 | 2.55228839604618 | 0.391805252709344 | | RPS16 | ribosomal protein S16 | NM\_001020 | SCN1B | 3 | 2 | 36120 | 61456 | 36117 | 61454 | 1.13283946588258 | 0.287170740884631 | 2.55228839604618 | 0.391805252709344 | | SPK | symplekin; Huntingtin interacting protein I | NM\_004819 | TGFB1 | 3 | 2 | 36120 | 61456 | 36117 | 61454 | 1.13283946588258 | 0.287170740884631 | 2.55228839604618 | 0.391805252709344 | |
|  |

[[data1](http://docs.google.com/data.html)][[data2](http://docs.google.com/data2.html)][[data3](http://docs.google.com/data3.html)][[data4](http://docs.google.com/data4.html)][[data5](http://docs.google.com/data5.html)]