**S2 Table. Fold Change and adjusted p-values from Microarray analysis.**

| Refseq_NM | GeneSymbol | Gene_ID | K98/Control.FC | K98/Control.adj p-value |
|---|---|---|---|---|
| NM_001081273.1 | 1600015I10Rik | 69761 | -2,611623 | 1,45E-07 |
| NM_025929.2 | 2010109I03Rik | 67038 | -2,735597 | 7,60E-17 |
| XM_130053.2 | 2010317E24Rik | | -1,929421 | 0,018582956 |
| XM_916650.3 | 2310043J07Rik | 69665 | 2,321376 | 0 |
| NM_178098.2 | 4930486L24Rik | 214639 | -1,958369 | 8,25E-05 |
| XM_001478116.1 | 4933400N17Rik | 619289 | -2,146601 | 0,003252443 |
| XM_127434 | 9030624O13Rik | | -2,635933 | 0,000916733 |
| NM_009338.3 | Acat2 | 110460 | -1,894998 | 0,004211564 |
| NM_009022.2 | Aldh1a2 | 19378 | -2,997067 | 9,81E-05 |
| NM_009022.3 | Aldh1a2 | 19378 | -2,224799 | 0,019485098 |
| NM_053080.2 | Aldh1a3 | 56847 | 1,73214 | 0,008345209 |
| NM_020036.4 | Calm4 | 80796 | 1,678101 | 0,004336831 |
| NM_013652.2 | Ccl4 | 20303 | 2,507951 | 0,000495927 |
| NM_013653.2 | Ccl5 | 20304 | 3,114661 | 9,81E-05 |
| NM_019950.2 | Chst5 | 56773 | -1,950646 | 0,019740092 |
| NM_007728.2 | Coch | 12810 | 2,893535 | 7,70E-06 |
| NM_139229.3 | Cog8 | 97484 | -2,139679 | 0,044956745 |
| NM_009935.1 | Col6a3 | 12835 | -1,832999 | 0,036009232 |
| NM_013496.2 | Crabp1 | 12903 | 1,798079 | 0,036009232 |
| NM_008411.3 | Cuzd1 | 16433 | -2,575716 | 0,019485098 |
| NM_008176.1 | Cxcl1 | 14825 | 3,007446 | 0,000342845 |
| NM_019568.2 | Cxcl14 | 57266 | -1,753257 | 0,021847105 |
| NM_001029987.1 | Doxl2 | 243376 | -1,882367 | 4,18E-05 |
| NM_001029987.1 | Doxl2 | 243376 | -1,821769 | 0,011006505 |
| NM_007895.2 | Ear2 | 13587 | -1,771954 | 0,004604266 |
| NM_007895.2 | Ear2 | 13587 | -1,735742 | 0,003199546 |
| NM_007895.2 | Ear2 | 13587 | -1,659634 | 0,007067226 |
| NM_017388.1 | Ear3 | 53876 | -1,645913 | 0,001908503 |
| NM_001017422.1 | Ear4 | 53877 | -1,797612 | 0,00032144 |
| NM_007902.2 | Edn2 | 13615 | 3,620466 | 1,52E-07 |
| NM_010332.2 | Ednra | 13617 | -1,840176 | 0,006653658 |
| NM_201256.2 | Eif4ebp3 | 108112 | -1,634598 | 0,044325322 |
| AK089567 | F830002E14Rik | | 2,26917 | 0,00804542 |
| NM_010188.4 | Fcgr3 | 14131 | -1,777415 | 0,014022856 |
| NM_008009.2 | Fgfbp1 | | 1,967485 | 0,000618517 |
| NM_028263.1 | Fgfbp3 | 72514 | -2,452469 | 0,000820362 |
| NM_010216.1 | Figf | 14205 | -2,460956 | 0,002882989 |
| NM_008191.1 | Guca2b | 14916 | -3,102059 | 3,05E-07 |

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|---|---|---|---|---|
| NM_010372.1 | Gzmd | 14941 | -3,435688 | 0,000167553 |
| NM_010375.2 | Gzmg | 14944 | -3,139537 | 0,002700925 |
| NM_008221.2 | Hbb-y | 15135 | 2,89731 | 0,000147874 |
| NM_008221.2 | Hbb-y | 15135 | 2,929904 | 0,000391962 |
| NM_008309.3 | Htr1d | 15552 | -2,622771 | 4,30E-06 |
| NM_008330.1 | Ifi47 | 15953 | 2,074102 | 0,019560975 |
| XM_001472091.1 | Igh-VJ558 | 16061 | -1,658924 | 0,045320769 |
| NM_018738.3 | Igtp | 16145 | 2,603193 | 0,000427117 |
| NM_009349.1 | Inmt | 21743 | -3,584352 | 9,82E-16 |
| NM_009349.3 | Inmt | 21743 | -2,838754 | 2,38E-14 |
| NM_008407 | Itih3 | | -1,766531 | 0,000430171 |
| NM_001038607.1 | Kcnh1 | 16510 | -1,986574 | 0,003895833 |
| NM_008940.2 | Klk8 | 259277 | 2,017004 | 0,000304142 |
| NM_010662.1 | Krt13 | 16663 | 1,903555 | 3,11E-07 |
| NM_008469.1 | Krt15 | 16665 | 1,739707 | 0,016126698 |
| XM_001478360.1 | LOC100042514 | 100042514 | -2,742379 | 7,65E-08 |
| XM_977361.1 | LOC665506 | 665506 | 2,17558 | 0,017583162 |
| NM_008509.2 | Lpl | 16956 | -1,928756 | 0,000683859 |
| NM_177303.4 | Lrrn4 | 320974 | -2,340159 | 0,002381771 |
| NM_023463.3 | Ly6g6c | 68468 | -1,737138 | 0,026206525 |
| NM_133743.1 | Lypd3 | 72434 | 1,655566 | 0,006448314 |
| NM_010762.4 | Mal | 17153 | 1,783347 | 4,14E-05 |
| NM_010762.4 | Mal | 17153 | 2,00013 | 1,22E-08 |
| NM_015776.2 | Mfap5 | 50530 | 1,966989 | 0,021090507 |
| XM_911929.3 | Muc16 | 73732 | 2,334421 | 2,87E-12 |
| NM_175024.3 | Nrn1l | 234700 | -2,072886 | 0,008694156 |
| NM_016968.4 | Olig1 | 50914 | -2,526019 | 0,000576724 |
| NM_145932.3 | Osta | 106407 | -2,077838 | 0,014649926 |
| NM_178933.2 | Ostb | 330962 | -3,060914 | 1,11E-11 |
| NM_133200.3 | P2ry14 | 140795 | -2,867454 | 0,00027545 |
| NM_133200.3 | P2ry14 | 140795 | -2,56593 | 0,001414769 |
| NM_153565.1 | Pcsk9 | 100102 | -1,894878 | 8,85E-05 |
| NM_001024145.1 | Pla2g4f | 271844 | 1,535122 | 0,011680044 |
| NM_023785.2 | Ppbp | 57349 | 1,695886 | 0,03436742 |
| NM_023785.1 | Ppbp | 57349 | 1,717149 | 0,000388842 |
| NM_009475.1 | Prap1 | 22264 | -2,149491 | 0,002882989 |
| NM_019991.1 | Prl2a1 | 56635 | 1,614383 | 0,040654901 |
| NM_026206.2 | Prl7c1 | 67505 | 1,73033 | 0,008144296 |
| NM_023746.3 | Prlpl | 28078 | -2,249502 | 0,003199546 |
| XM_127254.1 | Prlpn | | 1,855823 | 0,045320769 |
| XM_001475793.1 | Rarres1 | 109222 | -1,718788 | 0,004217195 |

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|---|---|---|---|---|
| NM_181596.3 | Retnlg | 245195 | 2,426414 | 0,015871306 |
| NM_009062.3 | Rgs4 | 19736 | -1,940898 | 0,009952353 |
| NM_009114.1 | S100a9 | 20202 | 2,462287 | 0,000675813 |
| NM_011315.3 | Saa3 | 20210 | 2,330923 | 0,00013952 |
| NM_011681.2 | Scgb1a1 | 22287 | -2,534808 | 3,64E-05 |
| NM_172953.1 | Serpina5 | 268591 | -2,037588 | 0,026299916 |
| NM_009776.1 | Serping1 | 12258 | -1,631042 | 0,046218629 |
| NM_009160.1 | Sftpd | 20390 | -1,585917 | 5,86E-07 |
| NM_194333.3 | Slc23a3 | 22626 | -1,56289 | 0,038858877 |
| NM_011773 | Slc30a3 | | -2,203665 | 0,000728395 |
| NM_175316.3 | Slco2b1 | 101488 | -2,01862 | 5,73E-06 |
| NM_009234.3 | Sox11 | | -2,504781 | 4,14E-05 |
| NM_009234.5 | Sox11 | 20666 | -2,232837 | 0,000607415 |
| NM_009181.1 | St8sia2 | 20450 | -1,738575 | 0,019560975 |
| NM_011638.3 | Tfrc | 22042 | -3,69901 | 2,30E-17 |
| NM_011638.3 | Tfrc | 22042 | -3,672227 | 2,18E-18 |
| NM_011581.1 | Thbs2 | 21826 | -1,691707 | 0,021253846 |
| NM_009414.2 | Tph1 | 21990 | -3,91624 | 7,17E-10 |
| NM_009504.3 | Vdr | 22337 | -2,29761 | 0,027711498 |
| NM_178909.4 | Wdr92 | 103784 | -1,569016 | 0,014599395 |
| NM_153541.3 | Zbtb8b | 215627 | -2,075331 | 0,01614109 |

| Refseq_NM | GeneSymbol | Gene_ID | VD/Control.FC | VD/Control.adj p-value |
|---|---|---|---|---|
| | 0610037M15Rik | | 2,348159 | 0,048532657 |
| NM_134054.2 | 1110002B05Rik | 104725 | -2,034264 | 0,000119373 |
| NM_024244 | 1200015N20Rik | | -2,088994 | 0,00983389 |
| XM_356401.5 | 1700123J19Rik | 73614 | 2,272474 | 0,026411758 |
| NM_027237.1 | 2010003K11Rik | 69861 | -1,957971 | 0,027202375 |
| NM_025929.2 | 2010109I03Rik | 67038 | -1,75882 | 6,10791E-06 |
| NM_025501.1 | 2310007F04Rik | 66344 | 2,46359 | 0,000155467 |
| XM_916650.3 | 2310043J07Rik | 69665 | 2,131408 | 0,001265412 |
| NM_178098.2 | 4930486L24Rik | 214639 | -2,148311 | 1,98112E-05 |
| | A130010C12Rik | | 1,560261 | 0,008966394 |
| AK037444 | A130019H11Rik | | 2,194289 | 0,002239151 |
| XR_001572.1 | A330102K04Rik | 328563 | 2,089129 | 0,040040477 |
| NM_001004174.1 | AA467197 | 433470 | 2,17647 | 4,90467E-07 |
| NM_009338.3 | Acat2 | 110460 | -2,027805 | 0,000703496 |
| NM_172723.4 | Adap1 | 231821 | -2,0523 | 0,002564815 |
| NM_001033207.2 | AI451557 | 102084 | 2,509093 | 9,96139E-05 |
| XM_980696.2 | AI607873 | 226691 | 2,11253 | 0,007947118 |
| NM_134066.2 | Akr1c18 | 105349 | -2,359189 | 1,27316E-06 |
| NM_009022.2 | Aldh1a2 | 19378 | -3,659045 | 2,94704E-10 |

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|---|---|---|---|---|
| NM_009022.3 | Aldh1a2 | 19378 | -2,517509 | 0,00011127 |
| NM_008486.1 | Anpep | 16790 | 1,891643 | 0,000359213 |
| NM_173743.3 | Apol9b | 71898 | 3,33526 | 1,03178E-08 |
| NM_009807.2 | Casp1 | 12362 | 2,865144 | 2,9158E-07 |
| NM_011337.2 | Ccl3 | 20302 | 3,336458 | 1,11931E-08 |
| NM_013652.2 | Ccl4 | 20303 | 4,44517 | 0 |
| NM_013652.2 | Ccl4 | 20303 | 10,596221 | 0 |
| NM_013653.2 | Ccl5 | 20304 | 8,566627 | 0 |
| NM_013654.2 | Ccl7 | 20306 | 3,196578 | 1,11931E-08 |
| NM_013654 | Ccl7 | | 3,635001 | 1,58636E-11 |
| NM_009917.2 | Ccr5 | 12774 | 2,085242 | 0,001797561 |
| NM_021893.2 | Cd274 | 60533 | 5,402823 | 0 |
| NM_013487.1 | Cd3d | | 2,862941 | 1,1444E-05 |
| NM_170702.2 | Cd40 | 21939 | 2,010803 | 0,001172531 |
| NM_013706.1 | Cd52 | 23833 | 2,393968 | 0,000255617 |
| NM_009852.3 | Cd6 | 12511 | 1,936829 | 0,043906642 |
| NM_009852.3 | Cd6 | 12511 | 1,980373 | 0,049141036 |
| NM_001042605.1 | Cd74 | 16149 | 5,741372 | 0 |
| NM_010545.3 | Cd74 | 16149 | 5,830354 | 0 |
| NM_009858.2 | Cd8b1 | 12526 | 3,47692 | 3,43755E-07 |
| NM_009892.1 | Chi3l3 | 12655 | 2,541478 | 1,68679E-05 |
| NM_009892 | Chi3l3 | | 2,653323 | 9,31698E-08 |
| NM_145126.1 | Chi3l4 | 104183 | 2,522602 | 1,08497E-05 |
| NM_021386.3 | Cldn10 | 58187 | -2,171752 | 9,02599E-06 |
| NM_023878.2 | Cldn10 | 58187 | -2,017496 | 0,004117319 |
| NM_010819.3 | Clec4d | 17474 | 2,106585 | 0,008875608 |
| NM_007730.2 | Col12a1 | 12816 | -1,815221 | 0,046222989 |
| NM_009935.1 | Col6a3 | 12835 | -1,770963 | 0,005289302 |
| NM_013494.2 | Cpe | | -1,651363 | 0,000330979 |
| NM_013496.2 | Crabp1 | 12903 | 2,478582 | 4,40501E-06 |
| NM_011804.2 | Creg1 | 433375 | -1,952592 | 0,000155467 |
| NM_029720.1 | Creld2 | 76737 | -1,624876 | 0,027980939 |
| NM_029720.2 | Creld2 | 76737 | -1,589911 | 0,0431081 |
| NM_033616.3 | Csprs | 114564 | 2,3699 | 0,00011127 |
| NM_010217 | Ctgf | | 1,628157 | 0,001223264 |
| NM_010217.1 | Ctgf | 14219 | 1,69414 | 8,83433E-06 |
| NM_026906.2 | Cts3 | 117066 | -1,618916 | 0,025018077 |
| NM_022326.3 | Ctsm | 64139 | -1,554455 | 0,028901924 |
| NM_019568.2 | Cxcl14 | 57266 | -2,047506 | 3,41646E-06 |
| NM_019568.1 | Cxcl14 | | -1,767754 | 0,001902962 |
| NM_008599.3 | Cxcl9 | 17329 | 17,027535 | 0 |

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|---|---|---|---|---|
| NM_199015.2 | D14Ertd668e | 219132 | 2,178118 | 0,019497374 |
| NM_199015.1 | D14Ertd668e | 219132 | 2,22515 | 0,002923617 |
| NM_007833.4 | Dcn | 13179 | -1,782712 | 0,01010367 |
| AK008179 | Dlm1-pending | | 2,103932 | 0,049141036 |
| NM_007870.2 | Dnase1l3 | | 1,791991 | 0,009707565 |
| NM_001033366.1 | Dpcr1 | 268949 | 1,591216 | 0,014213227 |
| NM_176913.3 | Dpep2 | 319446 | -2,000822 | 0,002377683 |
| NM_176913 | Dpep2 | | -1,923445 | 0,020855798 |
| NM_001013371.2 | Dtx3l | 209200 | 2,023238 | 0,000270388 |
| NM_053112.1 | Ear10 | 93725 | -2,061652 | 3,56833E-05 |
| NM_001012766.1 | Ear12 | 503845 | -2,373598 | 3,4833E-07 |
| NM_007895.2 | Ear2 | 13587 | -2,130879 | 1,10068E-06 |
| NM_007895.2 | Ear2 | 13587 | -1,816165 | 3,72468E-05 |
| NM_007895.2 | Ear2 | 13587 | -1,801217 | 4,28831E-06 |
| NM_017388.1 | Ear3 | 53876 | -1,975093 | 0,000158955 |
| NM_017388.1 | Ear3 | 53876 | -1,931789 | 2,19602E-06 |
| NM_017388.1 | Ear3 | 53876 | -1,81001 | 0,000175942 |
| NM_001017422.1 | Ear4 | 53877 | -2,034687 | 1,3656E-06 |
| NM_010336.1 | Edg2 | 14745 | -1,749573 | 0,00312003 |
| NM_007902.2 | Edn2 | 13615 | 4,938977 | 0 |
| NM_010332.2 | Ednra | 13617 | -1,979837 | 0,000422142 |
| NM_001033767.2 | EG240327 | 240327 | 4,775423 | 0 |
| NM_201256.2 | Eif4ebp3 | 108112 | -1,700047 | 0,004529009 |
| AK089567 | F830002E14Rik | | 2,207336 | 6,28316E-06 |
| NM_024244.3 | Fam13c | 71721 | -2,34364 | 0,000307342 |
| NM_145946.2 | Fanci | 208836 | -1,990361 | 0,04681751 |
| NM_175401.3 | Fbxw17 | 109082 | 1,790252 | 0,006419478 |
| NM_144559.1 | Fcgr4 | 246256 | 3,163253 | 3,18136E-09 |
| NM_028263.1 | Fgfbp3 | 72514 | -2,668611 | 2,59682E-06 |
| NM_008013.3 | Fgl2 | 14190 | -1,790955 | 0,026697587 |
| NM_010216.1 | Figf | 14205 | -2,253501 | 0,011178866 |
| NM_010231.2 | Fmo1 | 14261 | -1,772374 | 0,002691882 |
| NM_008039.2 | Fpr2 | 14289 | 4,927953 | 0 |
| NM_010260.1 | Gbp2 | 14469 | 7,551665 | 0 |
| NM_018734.2 | Gbp3 | 55932 | 3,887224 | 0 |
| NM_018734.3 | Gbp3 | 55932 | 4,279849 | 0 |
| NM_145545.2 | Gbp6 | 229900 | 2,019011 | 0,003524279 |
| NM_145545.2 | Gbp6 | 229900 | 2,12188 | 0,000144083 |
| AK089366 | Gp49a | | 2,046424 | 0,014213227 |
| NM_026960.1 | Gsdmdc1 | 69146 | 1,910673 | 0,002239151 |
| NM_026960.3 | Gsdmdc1 | 69146 | 2,060093 | 0,000344259 |

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|---|---|---|---|---|
| NM_008191.1 | Guca2b | 14916 | -2,978411 | 7,55722E-08 |
| NM_172810.2 | Gucy1b2 | 239134 | -1,731048 | 0,015405293 |
| NM_001039160.2 | Gvin1 | 74558 | 2,764862 | 3,46923E-08 |
| NM_010372.1 | Gzmd | 14941 | -2,154716 | 2,29263E-08 |
| NM_010372.2 | Gzmd | 14941 | -2,14523 | 6,07786E-05 |
| NM_010373.2 | Gzme | | -1,946759 | 0,000317088 |
| NM_010373.3 | Gzme | 14942 | -1,844107 | 0,000843073 |
| NM_010375.2 | Gzmg | 14944 | -2,162604 | 3,19643E-07 |
| NM_010378.2 | H2-Aa | 14960 | 3,760857 | 2,70399E-10 |
| NM_207105.2 | H2-Ab1 | 14961 | 2,539023 | 2,40167E-06 |
| NM_207105.1 | H2-Ab1 | 14961 | 2,86936 | 1,58733E-08 |
| NM_207105.2 | H2-Ab1 | 14961 | 3,673354 | 0 |
| NM_010387.2 | H2-DMb1 | 14999 | 2,53715 | 0,000173096 |
| NM_010382.2 | H2-Eb1 | 14969 | 4,737583 | 0 |
| NM_023124.2 | H2-Q8 | 15019 | 2,411084 | 0,023981902 |
| NM_023124 | H2-Q8 | | 2,876567 | 0,000103536 |
| NM_010395.5 | H2-T10 | 15024 | 2,230112 | 0,017421696 |
| NM_010395.2 | H2-T10 | | 2,438331 | 0,000973075 |
| NM_001033245.3 | Hk3 | 212032 | 2,608705 | 2,5444E-05 |
| NM_008278 | Hpgd | | 1,873258 | 0,000179459 |
| NM_010493.2 | Icam1 | 15894 | 2,356811 | 3,51523E-06 |
| NM_008330.1 | Ifi47 | 15953 | 3,82703 | 0 |
| NM_008332.2 | Ifit2 | 15958 | 4,432878 | 0 |
| NM_008332.2 | Ifit2 | 15958 | 5,411918 | 0 |
| NM_010501.1 | Ifit3 | 15959 | 2,657895 | 1,26627E-08 |
| NM_025378.2 | Ifitm3 | 66141 | 1,681806 | 0,008939025 |
| NM_018738.3 | Igtp | 16145 | 7,267965 | 0 |
| NM_019440.2 | Iigp2 | 54396 | 3,577034 | 0 |
| NM_008361 | Il1b | | 2,46562 | 6,07786E-05 |
| NM_010555.4 | Il1r2 | 16178 | -1,664148 | 0,011331633 |
| NM_031167.3 | Il1rn | 16181 | 2,259257 | 0,004117319 |
| NM_008324.1 | Indo | 15930 | 9,031017 | 0 |
| NM_009349.1 | Inmt | 21743 | -3,739503 | 1,80566E-18 |
| NM_009349.3 | Inmt | 21743 | -3,056483 | 5,73643E-17 |
| NM_008390.1 | Irf1 | 16362 | 1,928154 | 0,006812138 |
| NM_008390.1 | Irf1 | 16362 | 3,387584 | 0 |
| NM_008390.1 | Irf1 | 16362 | 3,885324 | 0 |
| NM_016850.2 | Irf7 | 54123 | 2,173659 | 4,87898E-05 |
| XM_905897.2 | Irg1 | 16365 | 6,513286 | 0 |
| XM_905096.3 | Irgb10 | 631323 | 3,396839 | 8,18382E-12 |
| NM_008326.1 | Irgm1 | 15944 | 3,713168 | 0 |

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| NM_008407 | Itih3 | | -2,306407 | 1,07753E-12 |
| NM_008407.1 | Itih3 | 16426 | -2,233902 | 6,42906E-08 |
| NM_001038607.1 | Kcnh1 | 16510 | -1,982909 | 0,031707053 |
| NM_010645.2 | Klk1b1 | 16623 | -2,529474 | 0,02129467 |
| NM_010645.2 | Klk1b1 | 16623 | -2,512734 | 0,027980939 |
| NM_010642.1 | Klk1b21 | 16616 | -2,349454 | 0,000239669 |
| NM_020268.1 | Klk1b27 | 16619 | -2,518375 | 4,78817E-05 |
| NM_020268.3 | Klk1b27 | 16619 | -2,077949 | 0,002118019 |
| NM_010915.1 | Klk1b4 | 18048 | -2,141255 | 0,002600578 |
| NM_008456.2 | Klk1b5 | 16622 | -2,666889 | 1,15415E-06 |
| NM_008940.2 | Klk8 | 259277 | 1,654865 | 0,001061445 |
| NM_010662.1 | Krt13 | 16663 | 1,823921 | 0,000521642 |
| NM_008469.1 | Krt15 | 16665 | 1,934742 | 5,73081E-05 |
| NM_008470.1 | Krt16 | 16666 | 2,109492 | 5,3972E-10 |
| NM_001033131.1 | Krtdap | 64661 | 1,710166 | 4,12626E-06 |
| NM_033175.2 | Lce3c | 94060 | 3,247628 | 1,99811E-08 |
| NM_008491.1 | Lcn2 | 16819 | 2,467281 | 5,22827E-06 |
| XM_283647 | Lgr6 | | -2,278667 | 0,001384357 |
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| NM_144799.1 | Lmcd1 | 30937 | 2,057427 | 0,01246225 |
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| XM_001471686.1 | LOC100038882 | 100038882 | 2,160817 | 0,002520024 |
| XM_001478360.1 | LOC100042514 | 100042514 | -2,456952 | 1,1847E-06 |
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| XM_001472240.1 | LOC100044430 | 100044430 | 2,598921 | 2,7942E-05 |
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| XM_001480891.1 | LOC100048556 | 100048556 | 2,375209 | 0,000169128 |
| XM_128064.4 | LOC223672 | | 3,684725 | 1,50816E-11 |
| XM_354621.1 | LOC380706 | | 2,015018 | 0,000281467 |
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| XM_918601.3 | LOC641240 | 641240 | 3,646283 | 7,73416E-13 |
| XM_977361.1 | LOC665506 | 665506 | 4,541653 | 1,71661E-12 |
| XM_001002943.1 | LOC677375 | 677375 | 3,79777 | 0 |
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| NM_008524.1 | Lum | 17022 | -1,813745 | 0,034564664 |
| NM_010738.2 | Ly6a | 110454 | 2,035983 | 4,85484E-10 |
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| NM_015776.2 | Mfap5 | 50530 | 2,177766 | 1,68679E-05 |

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| NM_029005.1 | Mlkl | 74568 | 2,115738 | 0,032908728 |
| NM_026835.2 | Ms4a6d | 68774 | 2,170688 | 0,01694203 |
| NM_026835.2 | Ms4a6d | 68774 | 2,604744 | 1,87771E-05 |
| NM_010827.2 | Msc | 17681 | -2,611217 | 0,002377683 |
| XM_911929.3 | Muc16 | 73732 | 2,127688 | 1,78713E-07 |
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| NM_175024.3 | Nrn1l | 234700 | -1,752167 | 0,014906018 |
| NM_145227.1 | Oas2 | 246728 | 2,097103 | 0,015123345 |
| NM_011854.1 | Oasl2 | 23962 | 1,784203 | 0,001490235 |
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| NM_178933.2 | Ostb | 330962 | -2,874687 | 6,04019E-16 |
| NM_133200.3 | P2ry14 | 140795 | -2,198109 | 0,009059792 |
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| NM_001039530.1 | Parp14 | 547253 | 2,149176 | 3,16063E-06 |
| NM_153565.1 | Pcsk9 | 100102 | -1,818257 | 1,92077E-05 |
| NM_016798.2 | Pdlim3 | 53318 | -2,480904 | 4,6635E-06 |
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| NM_054077.3 | Prelp | 116847 | 1,551378 | 0,031503604 |
| NM_145984.2 | Prepl | 213760 | -1,744227 | 0,025213351 |
| NM_013766.1 | Prl3c1 | 27372 | -1,603931 | 0,015405293 |
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| XM_127254.1 | Prlpn | | 1,741836 | 0,018799137 |
| NM_011963.1 | Psg18 | 26438 | -2,095164 | 3,4833E-07 |
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| NM_011963.1 | Psg18 | 26438 | -2,004059 | 3,02319E-06 |
| NM_011964.1 | Psg19 | 26439 | -1,83968 | 0,031441401 |
| NM_013640.1 | Psmb10 | 19171 | 2,138898 | 6,81151E-05 |
| NM_013640.2 | Psmb10 | 19171 | 2,15573 | 0,000319796 |
| NM_013585.2 | Psmb9 | 16912 | 4,34972 | 0 |
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| NM_001040005.2 | Rnf213 | 629974 | 1,952149 | 0,000930941 |
| NM_021384.3 | Rsad2 | 58185 | 1,666692 | 0,01074902 |
| NM_011315.3 | Saa3 | 20210 | 4,22347 | 0 |
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| NM_009251.1 | Serpina3g | 20715 | 6,845982 | 0 |
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| NM_009255.2 | Serpine2 | 20720 | -1,871552 | 0,01074902 |
| AK045954 | Serpine2 | | -1,665302 | 0,005548737 |
| NM_019982.2 | Sez6l | 56747 | 1,820519 | 0,012965503 |
| NM_016687.2 | Sfrp4 | 20379 | -2,090053 | 0,002218766 |
| XM_129596.2 | Slamf8 | | 3,720887 | 6,84685E-10 |
| NM_023044.1 | Slc15a3 | 65221 | 2,301212 | 0,002218766 |
| NM_172659.2 | Slc2a6 | 227659 | 3,505101 | 7,08333E-09 |
| NM_175316.3 | Slco2b1 | 101488 | -1,767309 | 7,71435E-11 |
| NM_011407.1 | Slfn1 | 20555 | 2,070726 | 0,006454042 |
| NM_007707.2 | Socs3 | 12702 | 1,891831 | 0,001794276 |
| NM_009263.1 | Spp1 | 20750 | -1,730041 | 0,000103536 |
| NM_011470.1 | Sprr2d | 20758 | 2,087397 | 2,8724E-05 |
| NM_011157.2 | Srgn | 19073 | -1,817514 | 0,006783413 |
| NM_009283.3 | Stat1 | 20846 | 2,37933 | 1,48476E-05 |
| NM_001082543.1 | Stfa1 | 20861 | 1,503125 | 0,000175942 |
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| NM_013683.1 | Tap1 | 21354 | 3,019332 | 3,1588E-08 |
| NM_011530.2 | Tap2 | 21355 | 2,276822 | 2,8932E-05 |
| NM_011638.3 | Tfrc | 22042 | -2,703625 | 2,57855E-13 |
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| NM_011581.1 | Thbs2 | 21826 | -1,850529 | 0,047697241 |
| NM_011905.2 | Tlr2 | 24088 | 2,156339 | 0,009777016 |
| NM_009414.2 | Tph1 | 21990 | -3,696545 | 3,83479E-08 |
| NM_009277.3 | Trim21 | 20821 | 2,023357 | 0,007224353 |
| NM_020557.3 | Tyki | | 2,128645 | 0,001510244 |
| NM_023137.2 | Ubd | 24108 | 8,26174 | 0 |
| NM_023738.4 | Ube1l | 74153 | 2,485984 | 1,64874E-07 |
| NM_009504.2 | Vdr | 22337 | -2,093386 | 0,009212267 |
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| NM_153541.3 | Zbtb8b | 215627 | -1,820433 | 0,037018039 |