

Supplementary table 4

Downregulated genes

| #gene name | sROOTn | fdn | meanFCrmaN | meanFCnomN | Representative Public ID | Gene Symbol |
|--------------|--------|------|------------|------------|--------------------------|---------------|
| 1456067_at | 1.00 | 0.00 | -41.78 | -455.34 | AW546010 | Gli3 |
| 1455154_at | 2.67 | 0.00 | -15.88 | -93.18 | BB311687 | Gli3 |
| 1429905_at | 12.93 | 0.00 | -4.40 | -11.36 | BB041180 | 3110009O07Rik |
| 1440707_at | 15.65 | 0.00 | -4.20 | -10.52 | AV298122 | Dmrt3 |
| 1416053_at | 15.01 | 0.00 | -4.14 | -10.26 | NM_008516 | Lrrn1 |
| 1453791_at | 18.24 | 0.00 | -4.12 | -10.21 | BB648310 | 2810449C10Rik |
| 1418188_a_at | 22.21 | 0.00 | -4.01 | -9.77 | AF146523 | Malat1 |
| 1436363_a_at | 19.94 | 0.00 | -3.90 | -9.32 | AW049660 | Nfix |
| 1437201_at | 19.08 | 0.00 | -3.85 | -9.14 | AV336083 | Lrrc4c |
| 1436392_s_at | 18.63 | 0.00 | -3.84 | -9.10 | BB550860 | Tcfap2c |
| 1448977_at | 20.91 | 0.00 | -3.76 | -8.78 | BC003778 | Tcfap2c |
| 1441316_at | 22.65 | 0.00 | -3.71 | -8.57 | BB234335 | LOC677060 |
| 1419324_at | 28.77 | 0.00 | -3.42 | -7.51 | NM_010714 | Lhx9 |
| 1435172_at | 28.30 | 0.00 | -3.38 | -7.39 | BB128925 | Eomes |
| 1450525_at | 34.30 | 0.00 | -3.31 | -7.13 | NM_008130 | Gli3 |
| 1416711_at | 34.78 | 0.00 | -3.26 | -6.96 | NM_009322 | Tbr1 |
| 1421439_at | 36.95 | 0.00 | -3.22 | -6.81 | BG866612 | Wnt8b |
| 1418147_at | 35.56 | 0.00 | -3.20 | -6.74 | BC003778 | Tcfap2c |
| 1456258_at | 36.56 | 0.00 | -3.14 | -6.53 | BG072869 | Emx2 |
| 1441777_at | 38.39 | 0.00 | -3.12 | -6.46 | BB741819 | Emx1 |
| 1449319_at | 42.74 | 0.00 | -3.02 | -6.14 | NM_138683 | Rspo1 |
| 1455034_at | 43.79 | 0.00 | -2.98 | -6.00 | BB703394 | Nr4a2 |
| 1428393_at | 81.17 | 0.00 | -2.95 | -5.90 | AK003046 | Nrn1 |
| 1440527_at | 44.88 | 0.00 | -2.92 | -5.80 | BI440542 | --- |
| 1455893_at | 51.93 | 0.00 | -2.82 | -5.47 | BG067392 | Rspo2 |
| 1428379_at | 71.30 | 0.00 | -2.81 | -5.44 | BQ180367 | Slc17a6 |
| 1438403_s_at | 69.90 | 0.00 | -2.79 | -5.39 | BF537798 | --- |
| 1435179_at | 56.94 | 0.00 | -2.73 | -5.18 | AV252614 | C130071C03Rik |
| 1456901_at | 56.85 | 0.00 | -2.72 | -5.16 | AI450842 | Adamts20 |
| 1423287_at | 92.80 | 0.00 | -2.71 | -5.13 | AA016422 | Cbln1 |
| 1422839_at | 89.63 | 0.00 | -2.68 | -5.03 | NM_009718 | Neurog2 |
| 1427484_at | 61.85 | 0.00 | -2.65 | -4.96 | BB650819 | Emf5 |
| 1426001_at | 66.59 | 0.00 | -2.64 | -4.90 | AB031037 | Eomes |
| 1435765_at | 70.33 | 0.00 | -2.63 | -4.88 | BF464487 | E130114P18Rik |
| 1419429_at | 63.35 | 0.00 | -2.63 | -4.87 | NM_016673 | Cntfr |
| 1436978_at | 70.02 | 0.00 | -2.54 | -4.62 | AV273409 | Wnt9a |
| 1447863_s_at | 69.19 | 0.00 | -2.53 | -4.58 | BB322941 | Nr4a2 |
| 1450759_at | 77.05 | 0.00 | -2.52 | -4.55 | NM_007556 | Bmp6 |
| 1450750_a_at | 70.45 | 0.00 | -2.52 | -4.54 | NM_013613 | Nr4a2 |
| 1426301_at | 106.11 | 0.00 | -2.48 | -4.44 | U95030 | Alcam |
| 1422093_at | 77.37 | 0.00 | -2.48 | -4.44 | NM_009522 | Wnt3a |
| 1459253_at | 170.69 | 0.00 | -2.45 | -4.36 | AW556597 | --- |
| 1426300_at | 132.24 | 0.00 | -2.41 | -4.24 | U95030 | Alcam |
| 1444216_at | 90.02 | 0.00 | -2.40 | -4.20 | AW457677 | Emx1 |
| 1422914_at | 110.35 | 0.00 | -2.40 | -4.20 | NM_022435 | Sp5 |
| 1440000_at | 94.68 | 0.00 | -2.36 | -4.10 | BG069958 | E330013P04Rik |
| 1451129_at | 98.22 | 0.00 | -2.36 | -4.09 | BC017646 | Calb2 |
| 1449559_at | 173.69 | 0.00 | -2.36 | -4.08 | NM_013601 | Msx2 |
| 1418203_at | 142.18 | 0.00 | -2.36 | -4.08 | NM_021451 | Pmaip1 |
| 1436642_x_at | 90.77 | 0.00 | -2.35 | -4.05 | BE993148 | Mef2d |
| 1418189_s_at | 142.25 | 0.00 | -2.34 | -4.02 | AF146523 | Malat1 |
| 1437555_at | 261.05 | 0.02 | -2.28 | -3.86 | BB543853 | E130309B19Rik |
| 1437601_at | 100.50 | 0.00 | -2.26 | -3.81 | BB438279 | Otx1 |
| 1418285_at | 105.35 | 0.00 | -2.26 | -3.80 | NM_010110 | Efnb1 |
| 1434730_at | 103.79 | 0.00 | -2.25 | -3.78 | BB346879 | AI854517 |

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|--------------|--------|------|-------|-------|-----------|--------------------------|
| 1455557_at | 115.55 | 0.00 | -2.23 | -3.73 | BB751199 | LOC553095 |
| 1452227_at | 115.17 | 0.00 | -2.23 | -3.72 | BC026655 | 2310045A20Rik |
| 1448147_at | 104.00 | 0.00 | -2.22 | -3.70 | NM_013869 | Tnfrsf19 |
| 1455607_at | 107.05 | 0.00 | -2.22 | -3.68 | BG072958 | Rspo3 |
| 1437466_at | 196.30 | 0.00 | -2.21 | -3.67 | AV315205 | Alcam |
| 1437467_at | 170.56 | 0.00 | -2.21 | -3.66 | AV315205 | Alcam |
| 1423493_a_at | 122.26 | 0.00 | -2.19 | -3.62 | BB315728 | Nfix |
| 1436364_x_at | 131.14 | 0.00 | -2.18 | -3.58 | AW049660 | Nfix |
| 1456632_at | 174.67 | 0.00 | -2.17 | -3.56 | BB424718 | Bcl11a |
| 1421425_a_at | 232.16 | 0.01 | -2.17 | -3.56 | NM_030598 | Dscr111 |
| 1434295_at | 162.05 | 0.00 | -2.15 | -3.51 | BE691356 | Rasgrp1 |
| 1423505_at | 146.06 | 0.00 | -2.14 | -3.48 | BB114067 | Tagln |
| 1418317_at | 121.25 | 0.00 | -2.13 | -3.47 | NM_010710 | Lhx2 |
| 1457072_at | 229.52 | 0.01 | -2.13 | -3.46 | BF731393 | 2410127E16Rik /// Bcl11a |
| 1445181_at | 128.75 | 0.00 | -2.13 | -3.46 | BM225233 | Eml5 |
| 1433906_at | 192.23 | 0.00 | -2.13 | -3.45 | BE956483 | 4933402J24Rik |
| 1434421_at | 184.63 | 0.00 | -2.12 | -3.43 | BB344549 | Islr2 |
| 1417741_at | 140.93 | 0.00 | -2.11 | -3.40 | NM_133198 | Pygl |
| 1429024_at | 135.57 | 0.00 | -2.09 | -3.36 | AK003783 | 1110018J23Rik |
| 1429896_at | 151.69 | 0.00 | -2.09 | -3.36 | BE135996 | 5830408B19Rik |
| 1435190_at | 277.44 | 0.02 | -2.09 | -3.34 | BB378591 | Chl1 |
| 1441579_at | 137.67 | 0.00 | -2.09 | -3.34 | BB461344 | Dmrta1 |
| 1423377_at | 185.69 | 0.00 | -2.08 | -3.33 | BM935068 | Igfbpl1 |
| 1419663_at | 244.88 | 0.02 | -2.07 | -3.31 | BB542051 | Ogn |
| 1419533_at | 243.31 | 0.02 | -2.06 | -3.26 | NM_010916 | Nhlh1 |
| 1434667_at | 228.68 | 0.01 | -2.05 | -3.25 | BG229308 | Col8a2 |
| 1421728_at | 367.08 | 0.06 | -2.05 | -3.24 | NM_053008 | Olig3 |
| 1450960_at | 235.98 | 0.02 | -2.04 | -3.22 | BM935068 | Igfbpl1 |
| 1433825_at | 154.00 | 0.00 | -2.04 | -3.21 | BM245880 | Ntrk3 |
| 1434301_at | 152.24 | 0.00 | -2.01 | -3.15 | BE303700 | D330050I23Rik |
| 1420512_at | 349.77 | 0.05 | -2.01 | -3.13 | NM_020265 | Dkk2 |
| 1449070_x_at | 358.29 | 0.05 | -2.00 | -3.12 | BB770932 | Apcdd1 |
| 1423286_at | 235.45 | 0.02 | -2.00 | -3.11 | AA016422 | Cbln1 |
| 1448395_at | 160.96 | 0.00 | -2.00 | -3.11 | BI658627 | Sfrp1 |
| 1438833_at | 271.60 | 0.02 | -1.99 | -3.09 | BB818947 | Casc5 /// LOC677208 |
| 1425575_at | 233.84 | 0.01 | -1.99 | -3.08 | M68513 | Epha3 |
| 1456174_x_at | 559.97 | 0.20 | -1.99 | -3.08 | AV309418 | Ndrp1 |
| 1433474_at | 239.32 | 0.02 | -1.98 | -3.07 | BB377340 | Edil3 |
| 1437983_at | 177.26 | 0.00 | -1.97 | -3.05 | BB739342 | --- |
| 1437284_at | 180.99 | 0.00 | -1.97 | -3.03 | BB259670 | Fzd1 |
| 1418028_at | 373.95 | 0.07 | -1.96 | -3.02 | NM_010024 | Dct |
| 1438511_a_at | 181.10 | 0.00 | -1.96 | -3.01 | BB408123 | 1190002H23Rik |
| 1448494_at | 175.79 | 0.00 | -1.95 | -3.00 | BB550400 | Gas1 |
| 1418383_at | 325.56 | 0.05 | -1.95 | -2.99 | BB770932 | Apcdd1 |
| 1422324_a_at | 178.27 | 0.00 | -1.94 | -2.96 | NM_008970 | Pthlh |
| 1427262_at | 382.83 | 0.09 | -1.93 | -2.95 | L04961 | Xist |
| 1438135_at | 243.69 | 0.02 | -1.93 | -2.94 | BB541573 | E130114P18Rik |
| 1423508_at | 194.85 | 0.00 | -1.93 | -2.94 | BB527816 | Myst4 |
| 1419633_at | 394.44 | 0.09 | -1.93 | -2.94 | NM_013702 | Uncx4.1 |
| 1451424_at | 237.75 | 0.02 | -1.92 | -2.92 | BC027245 | Gabrp |
| 1436931_at | 251.52 | 0.02 | -1.92 | -2.92 | AV255458 | Rfx4 |
| 1441107_at | 188.63 | 0.00 | -1.92 | -2.91 | BB292639 | Dmrta2 |
| 1439904_at | 298.12 | 0.03 | -1.92 | -2.91 | BB374771 | Fstl5 |
| 1435162_at | 195.46 | 0.00 | -1.91 | -2.90 | BB823350 | Prkg2 |
| 1454822_x_at | 431.60 | 0.10 | -1.91 | -2.89 | BB271021 | Apcdd1 |
| 1422670_at | 290.27 | 0.02 | -1.91 | -2.89 | NM_009708 | Rnd2 |
| 1455599_at | 247.33 | 0.02 | -1.91 | -2.88 | AV220135 | Gfod1 |
| 1418610_at | 298.56 | 0.03 | -1.90 | -2.87 | NM_080853 | Slc17a6 |
| 1427263_at | 408.94 | 0.10 | -1.90 | -2.86 | L04961 | Xist |
| 1418382_at | 414.70 | 0.10 | -1.89 | -2.84 | BB770932 | Apcdd1 |
| 1429974_at | 246.67 | 0.02 | -1.88 | -2.83 | AK012980 | Tbx18 |
| 1435558_at | 208.45 | 0.01 | -1.87 | -2.80 | BB351248 | Bai2 |
| 1455298_at | 223.65 | 0.01 | -1.87 | -2.79 | BB306828 | --- |

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|--------------|--------|------|-------|-------|-----------|---------------|
| 1439040_at | 315.95 | 0.04 | -1.86 | -2.77 | BG068387 | Cenpe |
| 1460187_at | 230.98 | 0.01 | -1.86 | -2.77 | BI658627 | Sfrp1 |
| 1449871_at | 298.18 | 0.03 | -1.86 | -2.76 | NM_023814 | Tbx18 |
| 1451591_a_at | 221.40 | 0.01 | -1.85 | -2.74 | BC006797 | Efnb1 |
| 1418003_at | 228.70 | 0.01 | -1.84 | -2.73 | NM_025427 | 1190002H23Rik |
| 1454086_a_at | 219.35 | 0.01 | -1.85 | -2.73 | AK013416 | Lmo2 |
| 1418445_at | 240.25 | 0.02 | -1.84 | -2.71 | AW105741 | --- |
| 1421841_at | 380.98 | 0.09 | -1.84 | -2.71 | NM_008010 | Fgfr3 |
| 1451626_x_at | 303.90 | 0.04 | -1.83 | -2.70 | U58494 | --- |
| 1416203_at | 272.30 | 0.02 | -1.83 | -2.70 | NM_007472 | Aqp1 |
| 1448955_s_at | 337.24 | 0.06 | -1.83 | -2.70 | NM_012061 | Cadps |
| 1423310_at | 241.34 | 0.02 | -1.83 | -2.70 | BQ177165 | Tpbp |
| 1427232_at | 236.08 | 0.02 | -1.83 | -2.70 | AV291373 | Tshz1 |
| 1457112_at | 267.56 | 0.02 | -1.83 | -2.69 | BB183509 | A230106N23 |
| 1441313_x_at | 268.19 | 0.02 | -1.82 | -2.68 | BB104635 | Lhx9 |
| 1418286_a_at | 242.10 | 0.02 | -1.82 | -2.67 | NM_010110 | Efnb1 |
| 1427233_at | 267.00 | 0.02 | -1.82 | -2.67 | AV291373 | Tshz1 |
| 1449314_at | 525.68 | 0.19 | -1.82 | -2.67 | NM_011766 | Zfpm2 |
| 1452894_at | 438.27 | 0.10 | -1.81 | -2.66 | AK013588 | Elavl4 |
| 1427680_a_at | 336.08 | 0.06 | -1.80 | -2.63 | Y07687 | Nfib |
| 1440204_at | 253.74 | 0.02 | -1.79 | -2.60 | AW494150 | 3110039M20Rik |
| 1418494_at | 440.75 | 0.10 | -1.79 | -2.60 | U71189 | Ebf2 |
| 1428136_at | 266.62 | 0.02 | -1.79 | -2.60 | AK008943 | Sfrp1 |
| 1422694_at | 329.07 | 0.05 | -1.79 | -2.60 | NM_021324 | Ttyh1 |
| 1436733_at | 257.08 | 0.02 | -1.79 | -2.59 | BB523550 | E130309F12Rik |
| 1436888_at | 666.63 | 0.38 | -1.79 | -2.59 | AV322710 | Nhlh2 |
| 1437790_at | 283.32 | 0.02 | -1.78 | -2.58 | AV230748 | Eml5 |
| 1423311_s_at | 289.15 | 0.02 | -1.78 | -2.58 | BQ177165 | Tpbp |
| 1433762_at | 269.23 | 0.02 | -1.77 | -2.56 | BB182501 | C630043F03Rik |
| 1418446_at | 325.61 | 0.05 | -1.77 | -2.56 | AW105741 | Slc16a2 |
| 1424586_at | 275.23 | 0.02 | -1.77 | -2.55 | AF424697 | Ehbp1 |
| 1420484_a_at | 431.43 | 0.10 | -1.77 | -2.55 | NM_011707 | Vtn |
| 1417065_at | 489.82 | 0.14 | -1.77 | -2.54 | NM_007913 | Egr1 |
| 1427677_a_at | 289.66 | 0.02 | -1.76 | -2.53 | AJ010605 | Sox6 |
| 1455624_at | 271.77 | 0.02 | -1.76 | -2.52 | BM114403 | --- |
| 1425574_at | 383.75 | 0.09 | -1.76 | -2.52 | M68513 | Epha3 |
| 1449102_at | 475.33 | 0.13 | -1.75 | -2.51 | U71189 | Ebf2 |
| 1418824_at | 408.65 | 0.10 | -1.74 | -2.49 | BI248938 | Arf6 |
| 1428741_at | 455.83 | 0.10 | -1.74 | -2.49 | AK013588 | Elavl4 |
| 1419638_at | 290.28 | 0.02 | -1.74 | -2.47 | U30244 | Efnb2 |
| 1435308_at | 312.41 | 0.05 | -1.74 | -2.47 | AU067636 | Fut9 |
| 1438551_at | 318.38 | 0.05 | -1.74 | -2.47 | AI323358 | Neurog1 |
| 1423250_a_at | 648.68 | 0.36 | -1.73 | -2.47 | BF144658 | Tgfb2 |
| 1454675_at | 452.82 | 0.11 | -1.73 | -2.47 | BI076689 | Thra |
| 1454834_at | 390.82 | 0.08 | -1.73 | -2.46 | BI687652 | Nfib |
| 1450407_a_at | 696.87 | 0.45 | -1.73 | -2.45 | AF022957 | Anp32a |
| 1436030_at | 309.00 | 0.05 | -1.72 | -2.44 | BB730977 | Cachd1 |
| 1418141_at | 657.41 | 0.37 | -1.72 | -2.43 | BB418548 | Dcx |
| 1444086_at | 353.23 | 0.05 | -1.72 | -2.43 | BB536333 | E030049G20Rik |
| 1423260_at | 331.26 | 0.05 | -1.71 | -2.41 | BB121406 | Id4 |
| 1418507_s_at | 317.22 | 0.05 | -1.71 | -2.41 | NM_007706 | Socs2 |
| 1433743_at | 394.77 | 0.09 | -1.71 | -2.40 | BG075820 | Dach1 |
| 1457409_at | 351.45 | 0.05 | -1.70 | -2.40 | BB484070 | Fut9 |
| 1455416_at | 338.92 | 0.06 | -1.70 | -2.38 | AW209204 | C130021I20Rik |
| 1419393_at | 372.22 | 0.06 | -1.68 | -2.35 | NM_031884 | Abcg5 |
| 1423669_at | 565.24 | 0.21 | -1.68 | -2.35 | U08020 | Col1a1 |
| 1420695_at | 345.68 | 0.06 | -1.68 | -2.35 | BB522228 | Dach1 |
| 1416594_at | 366.97 | 0.06 | -1.68 | -2.35 | BI658627 | Sfrp1 |
| 1424482_at | 567.79 | 0.21 | -1.68 | -2.34 | AF343877 | Arhgef7 |
| 1460041_at | 346.29 | 0.05 | -1.68 | -2.34 | BQ173985 | D630040I23Rik |
| 1449109_at | 341.41 | 0.06 | -1.68 | -2.34 | NM_007706 | Socs2 |
| 1436845_at | 347.76 | 0.05 | -1.68 | -2.33 | BB398993 | Axin2 |
| 1418496_at | 767.10 | 0.58 | -1.67 | -2.32 | NM_008259 | Foxa1 |

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|----------------|--------|------|-------|-------|-----------|---------------------|
| 1451776_s_at | 375.71 | 0.08 | -1.67 | -2.32 | BC024546 | Hod |
| AFFX-18SRNAMur | 360.62 | 0.05 | -1.67 | -2.32 | | |
| 1435605_at | 388.96 | 0.09 | -1.66 | -2.31 | BB125424 | Actr3b |
| 1419639_at | 355.62 | 0.05 | -1.66 | -2.31 | U30244 | Efnb2 |
| 1433600_at | 397.49 | 0.09 | -1.66 | -2.30 | BB262415 | Adra2a |
| 1450258_a_at | 722.16 | 0.48 | -1.66 | -2.30 | NM_010488 | Elavl4 |
| 1423597_at | 388.49 | 0.09 | -1.65 | -2.28 | BB303874 | Atp8a1 |
| 1437403_at | 522.07 | 0.18 | -1.65 | -2.28 | BB308071 | E130306M17Rik |
| 1422835_at | 538.60 | 0.19 | -1.65 | -2.28 | BB051684 | Kcnd2 |
| 1422625_at | 516.36 | 0.18 | -1.65 | -2.28 | NM_011837 | Ly6h |
| 1416855_at | 380.87 | 0.09 | -1.65 | -2.27 | BB550400 | Gas1 |
| 1440930_a_at | 658.14 | 0.36 | -1.65 | -2.27 | BG807042 | Scrt2 |
| 1434679_at | 714.78 | 0.47 | -1.65 | -2.26 | BM945195 | Cspg3 |
| 1439151_at | 461.39 | 0.11 | -1.64 | -2.26 | BB277041 | Msrb3 |
| 1448713_at | 433.58 | 0.10 | -1.65 | -2.26 | NM_011487 | Stat4 |
| 1447298_at | 423.33 | 0.10 | -1.64 | -2.24 | BE953578 | C130071C03Rik |
| 1439204_at | 764.61 | 0.58 | -1.64 | -2.24 | BB096886 | Scn3a |
| 1447655_x_at | 424.37 | 0.10 | -1.63 | -2.24 | BB257593 | Sox6 |
| 1427600_at | 421.80 | 0.10 | -1.64 | -2.24 | BC025871 | Tnfrsf19 |
| 1455151_at | 585.25 | 0.25 | -1.63 | -2.23 | C79026 | Akap9 |
| 1426869_at | 403.69 | 0.10 | -1.63 | -2.23 | BB005556 | Boc |
| 1443273_at | 686.73 | 0.43 | -1.63 | -2.23 | BB529019 | Epha3 |
| 1436444_at | 424.25 | 0.10 | -1.62 | -2.21 | AV319257 | 6030405A18Rik |
| 1460555_at | 617.43 | 0.32 | -1.62 | -2.21 | BM242294 | 6330500D04Rik |
| 1449101_at | 707.45 | 0.46 | -1.62 | -2.21 | U71189 | Ebf2 |
| 1421152_a_at | 473.38 | 0.13 | -1.62 | -2.21 | NM_010308 | Gnao1 |
| 1435579_at | 497.17 | 0.15 | -1.62 | -2.21 | BM220110 | Oprs1 |
| 1455426_at | 630.89 | 0.35 | -1.62 | -2.20 | AV226618 | --- |
| 1426057_a_at | 719.23 | 0.48 | -1.62 | -2.20 | M68515 | Epha3 |
| 1426412_at | 823.18 | 0.69 | -1.62 | -2.20 | BM116592 | Neurod1 |
| 1445767_at | 561.13 | 0.20 | -1.62 | -2.20 | BB451347 | Ptprd |
| 1435337_at | 426.76 | 0.10 | -1.62 | -2.20 | BB150458 | Tshz3 |
| 1436175_at | 422.64 | 0.10 | -1.61 | -2.19 | AV227511 | A430107N12Rik |
| 1456559_at | 515.94 | 0.18 | -1.61 | -2.19 | AV351746 | Emx2os |
| 1445503_at | 424.54 | 0.10 | -1.61 | -2.19 | BQ175936 | Gm715 /// LOC671594 |
| 1436920_at | 552.80 | 0.20 | -1.61 | -2.19 | BQ176938 | Pcdh17 |
| 1437360_at | 441.76 | 0.10 | -1.61 | -2.19 | BB053591 | Pcdh19 |
| 1429685_at | 462.48 | 0.11 | -1.61 | -2.18 | BB313857 | C030002O17Rik |
| 1417851_at | 677.78 | 0.42 | -1.61 | -2.18 | AF030636 | Cxcl13 |
| 1421882_a_at | 519.09 | 0.17 | -1.61 | -2.18 | BB105998 | Elavl2 |
| 1437825_at | 436.79 | 0.10 | -1.61 | -2.18 | BB351752 | Lrrc4c |
| 1456543_at | 426.54 | 0.10 | -1.61 | -2.18 | BB037474 | Prokr1 |
| 1422514_at | 455.63 | 0.11 | -1.60 | -2.17 | NM_009636 | Aebp1 |
| 1435462_at | 603.70 | 0.29 | -1.60 | -2.17 | BQ176176 | LOC433022 |
| 1424679_at | 826.97 | 0.70 | -1.60 | -2.17 | AF228913 | Mab2111 |
| 1441727_s_at | 610.87 | 0.30 | -1.60 | -2.17 | BE628275 | Zfp467 |
| 1421883_at | 589.91 | 0.25 | -1.60 | -2.16 | BB105998 | Elavl2 |
| 1440739_at | 453.72 | 0.11 | -1.60 | -2.16 | AW228853 | Vegfc |
| 1447500_at | 469.11 | 0.12 | -1.59 | -2.15 | BB129488 | Cutl1 |
| 1435460_at | 496.17 | 0.15 | -1.60 | -2.15 | BB363188 | Prkg2 |
| 1421301_at | 680.02 | 0.42 | -1.59 | -2.15 | NM_009574 | Zic2 |
| 1441572_at | 919.89 | 0.92 | -1.59 | -2.14 | BB264612 | C030036D22Rik |
| 1445815_at | 495.72 | 0.14 | -1.59 | -2.14 | BB086994 | Fzd8 |
| 1417600_at | 869.31 | 0.79 | -1.59 | -2.14 | NM_021301 | Slc15a2 |
| 1415921_a_at | 502.05 | 0.15 | -1.59 | -2.14 | NM_013869 | Tnfrsf19 |
| 1455851_at | 510.16 | 0.17 | -1.59 | -2.13 | AV032115 | Bmp5 |
| 1416147_at | 637.19 | 0.35 | -1.59 | -2.13 | BE912771 | Hspa4 |
| 1435832_at | 463.55 | 0.11 | -1.58 | -2.13 | BB332932 | Lrrc4 |
| 1418139_at | 945.66 | 1.00 | -1.58 | -2.12 | BB418548 | Dcx |
| 1429021_at | 498.01 | 0.15 | -1.58 | -2.12 | AK013481 | Epha4 |
| 1423259_at | 475.12 | 0.13 | -1.58 | -2.12 | BB121406 | Id4 |
| 1417129_a_at | 488.92 | 0.14 | -1.58 | -2.12 | U68384 | Mrg1 |
| 1419017_at | 471.11 | 0.13 | -1.58 | -2.11 | NM_016869 | Corin |

| | | | | | | |
|--------------|---------|------|-------|-------|-----------|----------------|
| 1426621_a_at | 542.72 | 0.19 | -1.58 | -2.11 | BB560759 | Ppp2r2b |
| 1434918_at | 479.93 | 0.12 | -1.58 | -2.11 | AV281802 | Sox6 |
| 1455123_at | 942.87 | 1.00 | -1.58 | -2.11 | BB178719 | St18 |
| 1439887_at | 589.73 | 0.26 | -1.57 | -2.10 | BB364961 | --- |
| 1421341_at | 488.46 | 0.14 | -1.57 | -2.10 | NM_015732 | Axin2 |
| 1423288_s_at | 549.33 | 0.19 | -1.57 | -2.10 | AA016422 | Cbln1 |
| 1421881_a_at | 583.54 | 0.25 | -1.57 | -2.10 | BB105998 | Elavl2 |
| 1424854_at | 892.31 | 0.83 | -1.57 | -2.10 | BC019757 | Hist1h4i |
| 1446990_at | 696.94 | 0.45 | -1.57 | -2.10 | AW556192 | Nfia |
| 1430030_at | 579.81 | 0.25 | -1.57 | -2.09 | AK019912 | 5330426P16Rik |
| 1420947_at | 671.29 | 0.40 | -1.57 | -2.09 | BB825830 | Atrx |
| 1456379_x_at | 1082.87 | 1.46 | -1.57 | -2.09 | BB038556 | Dner |
| 1437791_s_at | 540.59 | 0.19 | -1.57 | -2.09 | AV230748 | Eml5 |
| 1427246_at | 929.09 | 0.95 | -1.56 | -2.08 | BB702366 | Magi1 |
| 1443926_at | 819.47 | 0.69 | -1.56 | -2.08 | BM124348 | Mrg1 |
| 1439427_at | 679.24 | 0.42 | -1.56 | -2.07 | BB026487 | Cldn9 |
| 1447174_at | 912.60 | 0.91 | -1.56 | -2.07 | BB374930 | Dach1 |
| 1450928_at | 517.28 | 0.17 | -1.56 | -2.07 | BB121406 | Id4 |
| 1448288_at | 707.10 | 0.46 | -1.56 | -2.07 | BB832504 | Nfib |
| 1425212_a_at | 685.82 | 0.43 | -1.56 | -2.07 | AF167554 | Tnfrsf19 |
| 1419417_at | 540.25 | 0.19 | -1.56 | -2.07 | NM_009506 | Vegfc |
| 1449548_at | 535.25 | 0.19 | -1.55 | -2.06 | U30244 | Efnb2 |
| 1456084_x_at | 670.13 | 0.40 | -1.55 | -2.06 | BB532202 | Fmod |
| 1436719_at | 699.99 | 0.46 | -1.55 | -2.06 | BB758319 | Slc35f1 |
| 1415978_at | 978.34 | 1.13 | -1.55 | -2.06 | NM_023279 | Tubb3 |
| 1443187_at | 535.98 | 0.19 | -1.55 | -2.05 | AV235077 | --- |
| 1454424_at | 800.66 | 0.63 | -1.55 | -2.05 | AK011729 | 2610040L17Rik |
| 1436031_at | 540.72 | 0.19 | -1.55 | -2.05 | BB730977 | Cachd1 |
| 1431663_a_at | 534.90 | 0.19 | -1.55 | -2.05 | AK015675 | Cntrf |
| 1450771_at | 573.73 | 0.24 | -1.55 | -2.05 | NM_010243 | Fut9 |
| 1454997_at | 570.74 | 0.22 | -1.55 | -2.05 | AV286522 | Msrb3 |
| 1453070_at | 867.30 | 0.80 | -1.55 | -2.05 | BB305930 | Pcdh17 |
| 1452325_at | 520.71 | 0.18 | -1.55 | -2.05 | AK014503 | Trp73 |
| 1422695_at | 934.18 | 0.96 | -1.55 | -2.05 | NM_021324 | Ttyh1 /// Taf1 |
| 1449422_at | 679.43 | 0.42 | -1.54 | -2.04 | NM_009867 | Cdh4 |
| 1415999_at | 540.58 | 0.19 | -1.54 | -2.04 | NM_010423 | Hey1 |
| 1454734_at | 547.76 | 0.19 | -1.54 | -2.03 | AV156352 | --- |
| 1439543_at | 742.42 | 0.53 | -1.54 | -2.03 | BF180451 | 1110064A23Rik |
| 1434957_at | 567.03 | 0.21 | -1.54 | -2.03 | AW557006 | Cdon |
| 1428186_at | 541.27 | 0.19 | -1.54 | -2.03 | AK017384 | Kctd6 |
| 1434539_at | 990.36 | 1.15 | -1.54 | -2.03 | AI852420 | Lrrn3 |
| 1452899_at | 705.46 | 0.46 | -1.54 | -2.03 | AK017440 | Rian |
| 1420719_at | 583.59 | 0.25 | -1.54 | -2.03 | NM_031374 | Tex15 |
| 1450923_at | 969.18 | 1.09 | -1.54 | -2.03 | BF144658 | Tgfb2 |
| 1423852_at | 556.56 | 0.20 | -1.54 | -2.03 | BC024118 | Tmem46 |
| 1421195_at | 661.11 | 0.37 | -1.54 | -2.02 | BC020534 | Cckar |
| 1457324_at | 651.58 | 0.36 | -1.53 | -2.02 | BM115786 | Oprs1 |
| 1438134_at | 898.51 | 0.86 | -1.54 | -2.02 | AV341417 | Pcdh10 |
| 1419453_at | 720.15 | 0.48 | -1.54 | -2.02 | AV313813 | Uchl5 |
| 1455231_s_at | 994.87 | 1.16 | -1.53 | -2.01 | BM114349 | --- |
| 1440487_at | 1217.91 | 1.98 | -1.53 | -2.01 | BE824778 | --- |
| 1433965_at | 567.35 | 0.21 | -1.53 | -2.01 | BQ176779 | Atp8a1 |
| 1457632_s_at | 636.05 | 0.35 | -1.53 | -2.01 | BB207647 | Mrg1 |
| 1450287_at | 757.37 | 0.57 | -1.53 | -2.01 | BE288934 | Npas3 |
| 1456087_at | 980.48 | 1.13 | -1.52 | -2.00 | BB089547 | Nfia |
| 1450922_a_at | 1044.68 | 1.31 | -1.52 | -2.00 | BF144658 | Tgfb2 |