

Supplementary Table 5: Genes differentially expressed in the spermathecae compared to the seminal receptacle in virgin, 3h and 6h post-mating samples.

In this comparison, upregulated (up) refers to genes which are upregulated in the spermathecae in comparison to the seminal receptacle. Downregulated (down) refers to genes which are downregulated (down) in the spermathecae compared to the seminal receptacle.

| Virgin ST/SR array comparison | | | | 3 hour to ST/SR array comparison | | | | 6 hour to ST/SR array comparison | | | | | | |
|-------------------------------|--------------|-------|---------------------|----------------------------------|-------------|--------------|---------------------|----------------------------------|-----------|-------------|---------------------|-------|----|------|
| Affy ID | Gene Symb | FC | regulation q- value | Affy ID | Gene Symb | FC | regulation q- value | Affy ID | Gene Symb | FC | regulation q- value | | | |
| 1629174_at | CG30264 | 57.59 | up | 0.00 | 1625257_s_a | CG31523 | 2.12 | up | 0.00 | 1626503_at | CG2254 /// 1 | 5.00 | up | 0.00 |
| 1623484_at | vg | 54.54 | up | 0.00 | 1639677_at | ppa | 3.55 | up | 0.02 | 1625257_s_a | CG31523 | 2.27 | up | 0.00 |
| 1630310_at | CG32751 | 53.39 | up | 0.00 | 1640897_at | sip3 | 2.65 | up | 0.01 | 1641357_at | CG1315 | 6.42 | up | 0.00 |
| 1626804_at | CG5379 | 45.61 | up | 0.00 | 1623355_at | v | 2.74 | up | 0.05 | 1625590_a_a | Ate1 | 2.92 | up | 0.00 |
| 1632392_s_a | Slob | 42.03 | up | 0.00 | 1640473_at | CG34120 | 5.29 | up | 0.03 | 1639677_at | ppa | 3.00 | up | 0.00 |
| 1623689_a_a | CG14642 | 38.83 | up | 0.00 | 1633305_at | Obp99a | 3.93 | up | 0.09 | 1640897_at | sip3 | 2.60 | up | 0.00 |
| 1628771_s_a | CG32700 /// | 36.06 | up | 0.00 | 1638221_at | Obp83cd | 2.74 | up | 0.09 | 1627153_at | CG30157 | 2.82 | up | 0.00 |
| 1641698_at | CG6429 | 35.52 | up | 0.00 | 1631891_at | CG6488 /// 1 | 2.11 | up | 0.05 | 1623355_at | v | 7.91 | up | 0.00 |
| 1629399_at | CG30282 | 29.38 | up | 0.00 | 1632908_s_a | Lerp | 2.14 | up | 0.01 | 1632689_at | CG1307 | 2.13 | up | 0.00 |
| 1634805_at | CG14642 | 29.27 | up | 0.00 | 1627458_at | Catsup | 2.37 | up | 0.03 | 1640650_at | Irp-1B | 4.77 | up | 0.00 |
| 1628826_at | --- | 24.66 | up | 0.00 | 1627277_s_a | CG2930 | 2.01 | up | 0.07 | 1629095_a_a | Men | 2.68 | up | 0.00 |
| 1625587_at | Jheh3 | 24.21 | up | 0.00 | 1636510_a_a | Lsd-1 | 3.28 | up | 0.02 | 1640473_at | CG34120 | 13.93 | up | 0.00 |
| 1628584_at | Cyp305a1 | 19.84 | up | 0.00 | 1636800_at | --- | 9.56 | up | 0.00 | 1627500_at | CG30345 | 3.99 | up | 0.00 |
| 1628822_at | CG30271 | 19.45 | up | 0.00 | 1634756_at | nAcRalpha-t | 2.00 | up | 0.06 | 1633305_at | Obp99a | 15.50 | up | 0.00 |
| 1638462_at | CG18088 | 18.03 | up | 0.00 | 1633304_at | p24-1 | 3.76 | up | 0.00 | 1625531_at | Obp18a | 4.12 | up | 0.00 |
| 1641292_at | CG32834 | 17.69 | up | 0.01 | 1635709_at | CG7359 | 2.25 | up | 0.07 | 1625975_at | Tango12 | 3.75 | up | 0.00 |
| 1630233_at | CG5399 /// 1 | 16.75 | up | 0.01 | 1624027_at | CG4780 | 2.79 | up | 0.01 | 1638465_at | CG4848 | 2.07 | up | 0.00 |
| 1631953_at | CG30375 | 16.00 | up | 0.00 | 1623901_s_a | sar1 | 2.20 | up | 0.01 | 1632908_s_a | Lerp | 2.59 | up | 0.00 |
| 1639901_a_a | Cyp49a1 | 15.96 | up | 0.00 | 1626110_a_a | CG9053 | 2.98 | up | 0.00 | 1627458_at | Catsup | 3.35 | up | 0.00 |
| 1625278_s_a | CG31004 | 15.40 | up | 0.04 | 1626308_s_a | CG4019 | 2.67 | up | 0.09 | 1627277_s_a | CG2930 | 2.56 | up | 0.00 |
| 1638182_at | CG5999 | 15.13 | up | 0.00 | 1623039_at | CG3409 | 2.66 | up | 0.01 | 1636510_a_a | Lsd-1 | 6.73 | up | 0.00 |
| 1628616_at | CG8419 | 15.05 | up | 0.00 | 1630804_at | Oatp33Eb | 5.06 | up | 0.02 | 1636800_at | --- | 15.34 | up | 0.00 |
| 1641470_s_a | vg | 14.75 | up | 0.00 | 1627293_at | CG14439 | 4.83 | up | 0.01 | 1626609_at | CG10006 | 6.30 | up | 0.00 |
| 1640407_at | CG9897 /// 1 | 14.44 | up | 0.01 | 1640720_a_a | CG14872 | 2.92 | up | 0.04 | 1634756_at | nAcRalpha-t | 2.02 | up | 0.00 |
| 1638955_at | CG32277 | 14.27 | up | 0.00 | 1623028_at | CG14872 | 2.72 | up | 0.08 | 1624450_at | Orect | 2.34 | up | 0.00 |
| 1626452_at | CG2121 | 14.23 | up | 0.00 | 1628536_s_a | CG11880 | 2.58 | up | 0.01 | 1639461_a_a | Itp-r83A | 2.10 | up | 0.00 |
| 1633540_at | CG8147 | 13.32 | up | 0.00 | 1640557_at | Elf | 2.00 | up | 0.01 | 1640262_at | CG34123 | 2.23 | up | 0.00 |
| 1636840_at | CBP | 13.28 | up | 0.00 | 1636358_a_a | eIF-4B | 2.05 | up | 0.07 | 1632622_at | nAcRalpha-t | 3.84 | up | 0.00 |
| 1622991_s_a | Ret | 12.28 | up | 0.00 | 1638642_at | CG17259 | 2.20 | up | 0.01 | 1633304_at | p24-1 | 4.66 | up | 0.00 |
| 1633439_at | Galpha73B | 12.16 | up | 0.00 | 1624280_at | CG2263 | 2.02 | up | 0.05 | 1624027_at | CG4780 | 2.52 | up | 0.00 |
| 1628611_at | CG11241 | 11.79 | up | 0.00 | 1623193_at | CG33123 | 2.32 | up | 0.04 | 1623901_s_a | sar1 | 2.77 | up | 0.00 |
| 1630655_at | CG33159 | 11.55 | up | 0.00 | 1636948_a_a | Aats-gly | 2.83 | up | 0.02 | 1626110_a_a | CG9053 | 3.34 | up | 0.00 |
| 1631322_at | --- | 11.54 | up | 0.00 | 1626523_a_a | Aats-gluupro | 2.00 | up | 0.02 | 1626308_s_a | CG4019 | 10.30 | up | 0.00 |
| 1641280_at | Ance-4 | 11.52 | up | 0.00 | 1625889_at | RpL3 | 3.03 | up | 0.03 | 1629455_at | CG8925 | 2.95 | up | 0.01 |
| 1639476_at | Vago | 11.43 | up | 0.00 | 1631819_s_a | RpL29 | 2.35 | up | 0.10 | 1625584_at | CG8654 | 2.17 | up | 0.03 |
| 1634551_at | CG6188 | 11.08 | up | 0.04 | 1626693_at | RpS29 | 2.70 | up | 0.01 | 1630804_at | Oatp33Eb | 9.08 | up | 0.00 |
| 1623521_at | CG11909 | 10.86 | up | 0.00 | 1629867_a_a | RpS29 | 2.06 | up | 0.09 | 1625041_at | Oatp74D | 4.42 | up | 0.00 |

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|-------------|--------------|----------|------|-------------|-------------|----------|------|-------------|--------------|---------|------|
| 1623744_at | CG30411 | 10.80 up | 0.00 | 1627206_at | RpL35 | 2.29 up | 0.02 | 1627293_at | CG14439 | 9.41 up | 0.00 |
| 1640126_at | CG8249 | 10.52 up | 0.00 | 1640446_s_a | RpL12 | 2.24 up | 0.08 | 1633434_at | CG18327 | 7.81 up | 0.00 |
| 1633196_at | alpha-Est2 | 10.36 up | 0.00 | 1626456_at | l(1)G0320 | 11.63 up | 0.00 | 1625122_at | Obp99c | 6.49 up | 0.00 |
| 1636800_at | --- | 10.14 up | 0.00 | 1625878_at | Aats-cys | 2.09 up | 0.01 | 1640720_a_a | CG14872 | 6.03 up | 0.00 |
| 1625203_at | CG9826 | 10.10 up | 0.00 | 1640241_at | Tudor-SN | 2.88 up | 0.03 | 1629083_at | CG16704 | 5.50 up | 0.00 |
| 1629789_at | CG9649 | 10.06 up | 0.00 | 1640309_s_a | Taf4 | 2.11 up | 0.01 | 1635073_at | CG17108 /// | 4.07 up | 0.00 |
| 1632865_s_a | CG12974 | 9.90 up | 0.02 | 1624412_at | ap | 2.68 up | 0.02 | 1623028_at | CG14872 | 3.96 up | 0.00 |
| 1625053_at | CG16898 | 9.63 up | 0.05 | 1639498_a_a | ap | 2.31 up | 0.04 | 1628699_at | Lsp1beta | 3.56 up | 0.03 |
| 1637548_at | arg | 9.57 up | 0.00 | 1632698_at | ush | 2.82 up | 0.04 | 1628536_s_a | CG11880 | 3.02 up | 0.00 |
| 1638437_at | CR14638 | 9.56 up | 0.00 | 1628385_a_a | Mef2 | 3.04 up | 0.00 | 1637774_s_a | CG8389 | 2.74 up | 0.00 |
| 1629083_at | CG16704 | 9.50 up | 0.00 | 1626900_a_a | Mef2 | 2.36 up | 0.02 | 1628388_at | CG3823 | 2.44 up | 0.02 |
| 1629853_at | CG3699 | 9.48 up | 0.00 | 1631402_s_a | Hr39 | 5.20 up | 0.02 | 1633398_at | CG2616 | 2.22 up | 0.00 |
| 1641038_at | CG10650 | 9.38 up | 0.00 | 1630002_s_a | Hr39 | 4.34 up | 0.01 | 1637632_at | CG12194 | 2.13 up | 0.00 |
| 1625164_at | TotX | 9.29 up | 0.00 | 1628556_s_a | Hr39 | 3.93 up | 0.00 | 1636193_at | CG13893 | 2.11 up | 0.00 |
| 1639323_at | TotC | 9.12 up | 0.03 | 1634370_a_a | pnr | 4.46 up | 0.00 | 1631115_at | Obp8a | 2.08 up | 0.03 |
| 1635862_at | CG33120 | 9.02 up | 0.00 | 1627571_at | CrebA | 2.07 up | 0.03 | 1624181_at | CG8062 /// 1 | 1.99 up | 0.00 |
| 1629324_at | CG6870 | 8.99 up | 0.00 | 1634683_at | Mad | 2.64 up | 0.00 | 1640557_at | Elf | 2.09 up | 0.00 |
| 1641053_s_a | tok | 8.80 up | 0.01 | 1622949_at | peb | 7.07 up | 0.00 | 1632103_at | CG9769 | 3.11 up | 0.00 |
| 1639101_at | CG9837 | 8.79 up | 0.01 | 1637387_s_a | Sap47 | 2.49 up | 0.05 | 1625078_at | eIF-3p40 | 2.13 up | 0.01 |
| 1625975_at | Tango12 | 8.70 up | 0.01 | 1623861_at | Eip55E | 2.30 up | 0.02 | 1638259_s_a | Aats-val | 2.68 up | 0.00 |
| 1639892_at | Sodh-1 | 8.66 up | 0.00 | 1634522_s_a | Paps | 3.09 up | 0.01 | 1632234_at | Aats-tyr | 2.56 up | 0.00 |
| 1627709_at | CG30371 | 8.59 up | 0.00 | 1627382_at | Sec61beta | 2.06 up | 0.00 | 1638642_at | CG17259 | 2.32 up | 0.00 |
| 1639896_at | --- | 8.49 up | 0.01 | 1635491_s_a | TRAM | 3.93 up | 0.00 | 1624280_at | CG2263 | 2.55 up | 0.00 |
| 1641634_at | Lsp2 | 8.43 up | 0.02 | 1634672_at | Srp68 | 2.12 up | 0.01 | 1622945_a_a | Aats-lys | 2.08 up | 0.00 |
| 1626613_at | CG11236 /// | 8.41 up | 0.00 | 1625970_at | ex | 2.96 up | 0.01 | 1636948_a_a | Aats-gly | 3.02 up | 0.00 |
| 1639426_at | CG9593 | 8.37 up | 0.00 | 1631797_at | Or1a | 2.60 up | 0.01 | 1626523_a_a | Aats-glupro | 2.00 up | 0.00 |
| 1639152_at | Ptp52F | 8.29 up | 0.00 | 1626875_at | CG13758 /// | 2.17 up | 0.02 | 1633355_at | CG10802 | 2.26 up | 0.00 |
| 1637971_a_a | CG8129 | 8.26 up | 0.03 | 1633439_at | Galpha73B | 6.59 up | 0.01 | 1630519_at | Trip1 | 2.33 up | 0.00 |
| 1638481_at | CG2736 | 8.22 up | 0.00 | 1635442_a_a | GRHR | 3.39 up | 0.01 | 1623914_at | RpL14 | 2.69 up | 0.00 |
| 1626058_at | lbl | 8.18 up | 0.00 | 1629322_at | Pde6 | 6.53 up | 0.00 | 1638847_s_a | sta | 2.21 up | 0.00 |
| 1623669_at | CG16836 | 8.17 up | 0.00 | 1625439_at | Tsp29Fa | 3.26 up | 0.02 | 1632483_at | sop | 2.33 up | 0.00 |
| 1639530_at | CG14528 | 8.14 up | 0.00 | 1628363_at | inx3 | 2.48 up | 0.01 | 1626924_a_a | RpS6 | 2.34 up | 0.02 |
| 1641722_at | Reg-2 | 8.03 up | 0.00 | 1637839_at | Spase25 | 2.85 up | 0.00 | 1641614_at | Dscam /// R1 | 7.22 up | 0.00 |
| 1639079_at | Adgf-D | 8.00 up | 0.00 | 1624693_at | Arf102F | 2.06 up | 0.00 | 1625889_at | RpL3 | 4.57 up | 0.00 |
| 1636946_at | CG6687 | 7.90 up | 0.00 | 1639729_s_a | --- | 4.91 up | 0.02 | 1628928_s_a | RpL31 | 3.33 up | 0.01 |
| 1624836_at | CG13795 | 7.90 up | 0.00 | 1626752_at | mTTF | 3.39 up | 0.00 | 1635303_at | RpS13 | 3.08 up | 0.00 |
| 1636255_s_a | CG7997 | 7.90 up | 0.00 | 1630865_s_a | CG11337 | 2.50 up | 0.01 | 1631819_s_a | RpL29 | 2.93 up | 0.00 |
| 1639729_s_a | --- | 7.87 up | 0.00 | 1630703_at | CG8963 | 2.03 up | 0.00 | 1624070_at | RpS9 | 2.73 up | 0.00 |
| 1631402_s_a | Hr39 | 7.86 up | 0.00 | 1638616_at | mthl9 | 2.84 up | 0.03 | 1629867_a_a | RpS29 | 2.49 up | 0.00 |
| 1640956_at | CG4725 | 7.82 up | 0.00 | 1638999_at | rno | 2.12 up | 0.02 | 1628603_at | RpL26 | 6.25 up | 0.00 |
| 1632984_s_a | CG6503 /// 1 | 7.81 up | 0.00 | 1636331_at | Sox102F | 2.91 up | 0.03 | 1625337_s_a | RpL32 | 5.62 up | 0.00 |
| 1626783_at | CG16756 /// | 7.80 up | 0.00 | 1636558_a_a | abd-A | 2.17 up | 0.09 | 1640446_s_a | RpL12 | 3.42 up | 0.00 |
| 1638733_at | CG3984 | 7.77 up | 0.01 | 1626052_at | MPI | 2.28 up | 0.01 | 1623995_at | RpL35A | 2.85 up | 0.00 |

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|-------------|--------------|---------|------|-------------|--------------|----------|------|-------------|-------------|----------|------|
| 1624517_at | Ect3 | 7.75 up | 0.01 | 1626058_at | lbl | 10.52 up | 0.00 | 1636056_at | RpL18A | 2.78 up | 0.00 |
| 1626857_at | CG4408 | 7.75 up | 0.00 | 1640224_s_a | CG13796 | 2.21 up | 0.09 | 1638615_s_a | RpS7 | 2.74 up | 0.00 |
| 1635450_a_a | sm-p-30 | 7.69 up | 0.00 | 1631772_a_a | MTA1-like | 2.01 up | 0.01 | 1624529_at | RpS17 | 2.49 up | 0.00 |
| 1627854_at | CG9914 | 7.67 up | 0.00 | 1634722_s_a | mbf1 | 2.18 up | 0.00 | 1628061_at | RpL37a | 2.35 up | 0.00 |
| 1641534_at | CG11842 | 7.65 up | 0.00 | 1639744_at | CG31758 | 3.39 up | 0.02 | 1629400_at | RpL18 | 2.20 up | 0.00 |
| 1635519_at | CG13950 | 7.64 up | 0.00 | 1637554_a_a | Dp | 2.73 up | 0.02 | 1640142_at | mRpS9 | 2.20 up | 0.00 |
| 1639538_at | --- | 7.64 up | 0.00 | 1637897_at | CycT | 2.89 up | 0.03 | 1630455_at | RpL19 | 2.14 up | 0.00 |
| 1634664_at | Cyp309a2 | 7.64 up | 0.00 | 1629044_at | trbl | 2.07 up | 0.02 | 1627206_at | RpL35 | 2.06 up | 0.00 |
| 1636490_at | PGRP-SB1 | 7.62 up | 0.00 | 1626138_s_a | Eip63E | 2.03 up | 0.01 | 1632962_at | RpL36A | 2.02 up | 0.00 |
| 1624236_at | CG30002 | 7.58 up | 0.00 | 1632928_at | CG9523 | 2.16 up | 0.02 | 1636478_at | CG9596 | 2.17 up | 0.00 |
| 1635442_a_a | GRHR | 7.53 up | 0.01 | 1639747_at | CG30291 | 2.45 up | 0.02 | 1626456_at | l(1)G0320 | 7.75 up | 0.00 |
| 1631405_at | CG9508 | 7.53 up | 0.00 | 1635900_at | Thor | 3.52 up | 0.00 | 1624981_a_a | CG10576 | 3.56 up | 0.00 |
| 1640720_a_a | CG14872 | 7.53 up | 0.00 | 1636858_at | cm | 2.45 up | 0.01 | 1638417_at | CG31373 | 4.20 up | 0.00 |
| 1624957_a_a | Tequila | 7.52 up | 0.00 | 1624547_s_a | B52 | 2.88 up | 0.03 | 1634313_s_a | --- | 2.25 up | 0.00 |
| 1627647_at | CG3940 | 7.52 up | 0.00 | AFFX-Dros-e | --- | 3.18 up | 0.10 | 1633036_s_a | CG32495 /// | 2.27 up | 0.00 |
| 1639642_a_a | CG3239 | 7.35 up | 0.00 | 1640363_a_a | CG6330 | 6.38 up | 0.03 | 1622893_at | IM3 /// RpS | 2.25 up | 0.04 |
| 1633826_at | Iris | 7.35 up | 0.00 | 1623582_at | CG6364 /// 1 | 2.03 up | 0.02 | 1635528_s_a | RpS10b | 2.50 up | 0.00 |
| 1640488_a_a | CG9510 | 7.33 up | 0.00 | 1640599_at | ade5 | 2.54 up | 0.03 | 1624246_s_a | CG11334 | 2.56 up | 0.00 |
| 1637432_at | CG3097 | 7.33 up | 0.00 | 1631392_at | CG11089 | 2.13 up | 0.08 | 1625362_at | Gclc | 2.13 up | 0.00 |
| 1636973_at | sm-p-30 | 7.29 up | 0.01 | 1640240_s_a | CG4165 /// 1 | 2.67 up | 0.07 | 1633771_s_a | CG2017 | 2.70 up | 0.00 |
| 1639359_at | CG31974 | 7.28 up | 0.00 | 1626766_s_a | Alp23B | 2.90 up | 0.00 | 1626931_a_a | RpS8 | 2.67 up | 0.00 |
| 1630147_at | Hex-C | 7.26 up | 0.00 | 1626377_at | CG8358 | 2.39 up | 0.09 | 1631636_at | CG13096 | 2.61 up | 0.00 |
| 1640399_at | CG3775 /// 1 | 7.18 up | 0.00 | 1634805_at | CG14642 | 14.73 up | 0.00 | 1625410_at | CG5147 | 2.71 up | 0.00 |
| 1638128_at | CG30280 | 7.09 up | 0.00 | 1623689_a_a | CG14642 | 10.09 up | 0.03 | 1640241_at | Tudor-SN | 2.88 up | 0.00 |
| 1624586_a_a | Prat2 | 7.09 up | 0.00 | 1627162_at | CG31681 | 2.46 up | 0.10 | 1624412_at | ap | 5.44 up | 0.00 |
| 1638325_at | Hn | 7.02 up | 0.00 | 1627119_at | CG8329 | 18.24 up | 0.01 | 1639498_a_a | ap | 4.14 up | 0.00 |
| 1634890_at | UK114 | 7.01 up | 0.00 | 1641292_at | CG32834 | 13.91 up | 0.01 | 1632385_at | tai | 2.55 up | 0.00 |
| 1640365_s_a | CG14021 | 7.01 up | 0.00 | 1638955_at | CG32277 | 7.71 up | 0.01 | 1627110_at | StIP | 3.18 up | 0.00 |
| 1641575_at | Cad87A | 6.98 up | 0.00 | 1630655_at | CG33159 | 6.09 up | 0.00 | 1627331_at | Taf5 | 2.22 up | 0.00 |
| 1626308_s_a | CG4019 | 6.95 up | 0.00 | 1641534_at | CG11842 | 3.01 up | 0.05 | 1628385_a_a | Mef2 | 3.23 up | 0.00 |
| 1631112_at | --- | 6.93 up | 0.01 | 1624540_at | CG14642 | 2.99 up | 0.03 | 1626900_a_a | Mef2 | 2.45 up | 0.00 |
| 1630804_at | Oatp33Eb | 6.87 up | 0.02 | 1625828_at | CG11841 | 2.85 up | 0.05 | 1628556_s_a | Hr39 | 4.68 up | 0.00 |
| 1633834_at | CG9701 | 6.85 up | 0.00 | 1641359_at | Ser7 | 2.71 up | 0.07 | 1630002_s_a | Hr39 | 3.74 up | 0.00 |
| 1637072_at | CG11459 | 6.82 up | 0.00 | 1627542_at | CG17012 | 2.55 up | 0.07 | 1631402_s_a | Hr39 | 3.35 up | 0.00 |
| 1623839_at | CG6415 | 6.82 up | 0.00 | 1638321_s_a | CG4847 | 2.40 up | 0.08 | 1632845_at | Hr39 | 2.45 up | 0.00 |
| 1630002_s_a | Hr39 | 6.81 up | 0.00 | 1627657_at | CG16749 | 2.39 up | 0.08 | 1629270_at | Sry-delta | 2.17 up | 0.00 |
| 1634636_at | CG6426 | 6.81 up | 0.00 | 1624236_at | CG30002 | 2.22 up | 0.07 | 1634370_a_a | pnr | 4.76 up | 0.00 |
| 1626689_at | Cyp6t1 | 6.78 up | 0.01 | 1623756_at | CG17239 /// | 2.11 up | 0.08 | 1622949_at | peb | 10.64 up | 0.00 |
| 1641598_at | wun2 | 6.76 up | 0.00 | 1638453_at | CG9849 /// 1 | 2.07 up | 0.01 | 1637387_s_a | Sap47 | 3.46 up | 0.00 |
| 1640363_a_a | CG6330 | 6.75 up | 0.00 | 1634246_at | CG11319 | 5.44 up | 0.01 | 1632023_s_a | CG1909 | 2.17 up | 0.02 |
| 1635989_at | Os9 | 6.74 up | 0.00 | 1631405_at | CG9508 | 3.75 up | 0.03 | 1625453_a_a | Sh3beta | 2.10 up | 0.00 |
| 1628013_at | CG3597 | 6.71 up | 0.00 | 1633765_at | asparagine-s | 2.02 up | 0.04 | 1623861_at | Eip55E | 2.64 up | 0.00 |
| 1627658_s_a | CG4995 | 6.66 up | 0.00 | 1632790_at | dream | 3.83 up | 0.00 | 1634522_s_a | Paps | 2.70 up | 0.00 |

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|-------------------------|---------|------|------------------------|----------|------|------------------------|----------|------|
| 1633086_s_a CG1213 | 6.65 up | 0.00 | 1631953_at CG30375 | 22.22 up | 0.00 | 1627382_at Sec61beta | 2.22 up | 0.00 |
| 1627096_s_a Tkr | 6.64 up | 0.00 | 1637876_a_a CG5976 | 2.19 up | 0.02 | 1635491_s_a TRAM | 4.11 up | 0.00 |
| 1634192_at CG30281 | 6.60 up | 0.01 | 1640407_at CG9897 ///1 | 11.01 up | 0.00 | 1624404_a_a Sk1 | 2.04 up | 0.00 |
| 1637367_at CG10799 /// | 6.56 up | 0.01 | 1634958_at CG9455 | 6.13 up | 0.00 | 1635130_a_a SamDC | 2.48 up | 0.01 |
| 1627088_at fit | 6.55 up | 0.00 | 1637432_at CG3097 | 5.64 up | 0.00 | 1630830_a_a SpdS | 2.39 up | 0.00 |
| 1624128_at CG31769 | 6.54 up | 0.00 | 1641280_at Ance-4 | 5.17 up | 0.01 | 1633292_a_a CG4300 | 2.09 up | 0.00 |
| 1626377_at CG8358 | 6.50 up | 0.00 | 1628226_at CG8539 ///1 | 4.30 up | 0.01 | 1633540_at CG8147 | 3.89 up | 0.00 |
| 1636119_at CG1468 | 6.50 up | 0.01 | 1637042_a_a CG11961 | 4.00 up | 0.01 | 1625970_at ex | 2.20 up | 0.00 |
| 1640898_at DNaseII | 6.37 up | 0.00 | 1634620_a_a stl | 3.85 up | 0.01 | 1626875_at CG13758 /// | 4.20 up | 0.00 |
| 1633067_at CG34376 | 6.36 up | 0.01 | 1640399_at CG3775 ///1 | 3.83 up | 0.02 | 1633439_at Galpha73B | 11.12 up | 0.00 |
| 1632623_at Cyt-b5-r | 6.35 up | 0.00 | 1639642_a_a CG3239 | 3.76 up | 0.01 | 1635442_a_a GRHR | 5.68 up | 0.00 |
| 1623769_at CG7322 | 6.34 up | 0.00 | 1624590_at CG17134 | 3.41 up | 0.00 | 1625439_at Tsp29Fa | 5.44 up | 0.00 |
| 1641693_s_a CG32158 | 6.33 up | 0.00 | 1639530_at CG14528 | 3.03 up | 0.06 | 1628184_at Tsp3A | 2.47 up | 0.00 |
| 1625336_s_a --- | 6.31 up | 0.02 | 1626857_at CG4408 | 2.94 up | 0.07 | 1628363_at inx3 | 2.41 up | 0.01 |
| 1629046_a_a CG4716 ///1 | 6.31 up | 0.00 | 1623298_at CG6067 | 2.93 up | 0.00 | 1640335_at CG31304 | 2.34 up | 0.00 |
| 1634958_at CG9455 | 6.31 up | 0.00 | 1630547_at CG4723 | 2.61 up | 0.04 | 1625519_at CG6453 | 2.08 up | 0.00 |
| 1633305_at Obp99a | 6.30 up | 0.01 | 1625598_at CG31326 | 2.53 up | 0.08 | 1637839_at Spase25 | 3.18 up | 0.00 |
| 1623813_at CG33307 | 6.24 up | 0.00 | 1629568_at CG33276 | 2.42 up | 0.02 | 1634887_at Spase18-21 | 2.24 up | 0.00 |
| 1634620_a_a stl | 6.23 up | 0.01 | 1625990_at CG11367 /// | 2.39 up | 0.02 | 1632479_at Spase12 | 2.22 up | 0.00 |
| 1631225_at CG8317 | 6.21 up | 0.00 | 1640912_s_a scarface | 2.29 up | 0.02 | 1634023_at CG14544 | 2.18 up | 0.00 |
| 1631805_at CG3397 | 6.20 up | 0.00 | 1639499_at CG2025 ///1 | 2.29 up | 0.01 | 1624693_at Arf102F | 2.44 up | 0.00 |
| 1637422_at CG3246 | 6.16 up | 0.00 | 1624076_at CG5849 | 2.27 up | 0.00 | 1633629_at CG11030 | 3.00 up | 0.00 |
| 1625837_at CG17244 /// | 6.15 up | 0.00 | 1623051_at CG18125 | 2.13 up | 0.07 | 1637923_at CG31938 | 2.18 up | 0.00 |
| 1633218_a_a UGP | 6.13 up | 0.00 | 1637532_s_a DppIII | 2.11 up | 0.05 | 1638283_at CG9799 | 2.17 up | 0.00 |
| 1630844_at CG15293 | 6.12 up | 0.00 | 1635070_at CG9953 | 2.05 up | 0.01 | 1624345_a_a Nop56 | 2.48 up | 0.00 |
| 1636947_at CG9598 | 6.12 up | 0.00 | 1626373_at CG32833 | 2.01 up | 0.03 | 1639729_s_a --- | 6.44 up | 0.00 |
| 1634623_a_a Cyp6a14 | 6.07 up | 0.00 | 1638822_at CG6859 | 2.34 up | 0.04 | 1626752_at mTTF | 2.71 up | 0.00 |
| 1625828_at CG11841 | 6.07 up | 0.00 | 1627354_at CG11779 /// | 2.19 up | 0.07 | 1630438_at CG32409 | 3.04 up | 0.00 |
| 1624505_at CG6113 | 5.99 up | 0.00 | 1637517_s_a KrT95D | 2.59 up | 0.10 | 1638616_at mthl9 | 5.16 up | 0.00 |
| 1635073_at CG17108 /// | 5.97 up | 0.01 | 1638663_at --- | 2.59 up | 0.01 | 1635549_at TotA | 8.36 up | 0.01 |
| 1637872_at Spat | 5.87 up | 0.00 | 1623247_at CG10420 | 4.08 up | 0.00 | 1625164_at TotX | 10.72 up | 0.02 |
| 1636510_a_a Lsd-1 | 5.87 up | 0.00 | 1639419_at CG8860 | 3.15 up | 0.00 | 1639323_at TotC | 6.30 up | 0.07 |
| 1638038_at CG4335 | 5.80 up | 0.01 | 1628429_at Sec61gamm | 2.24 up | 0.01 | 1634113_at gk | 2.98 up | 0.00 |
| 1624057_at CG16713 | 5.77 up | 0.00 | 1633320_at Srp54k | 2.28 up | 0.01 | 1638999_at rno | 2.01 up | 0.01 |
| 1637444_s_a pug | 5.77 up | 0.00 | 1639135_at Gtp-bp | 2.00 up | 0.01 | 1636331_at Sox102F | 4.13 up | 0.00 |
| 1638862_at CG15553 | 5.77 up | 0.00 | 1633935_at skf | 3.13 up | 0.01 | 1641137_at Dr | 3.92 up | 0.00 |
| 1625598_at CG31326 | 5.76 up | 0.00 | 1624191_at cmet | 3.06 up | 0.03 | 1626052_at MP1 | 2.94 up | 0.00 |
| 1635757_at laza | 5.74 up | 0.00 | 1636044_at Slh | 2.14 up | 0.00 | 1626058_at lbl | 13.98 up | 0.00 |
| 1622949_at peb | 5.74 up | 0.01 | 1632677_a_a GM130 | 2.22 up | 0.03 | 1640224_s_a CG13796 | 2.40 up | 0.01 |
| 1641359_at Ser7 | 5.70 up | 0.00 | 1634910_at CG15803 | 4.05 up | 0.04 | 1627052_at CG4617 | 2.20 up | 0.00 |
| 1633746_s_a a | 5.67 up | 0.00 | 1634773_at SsRbeta | 4.26 up | 0.00 | 1625217_at MED17 | 2.49 up | 0.00 |
| 1628049_at CG15828 | 5.65 up | 0.00 | 1641295_s_a KdelR | 2.30 up | 0.00 | 1634722_s_a mbf1 | 2.11 up | 0.00 |
| 1623635_at TotM | 5.65 up | 0.07 | 1638890_at Tapdelta | 2.72 up | 0.00 | 1635271_at CG30431 | 8.14 up | 0.00 |

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|-------------|-------------|---------|------|-------------|-----------|----------|------|-------------|--------------|----------|------|
| 1623298_at | CG6067 | 5.65 up | 0.01 | 1629215_at | Kua | 9.38 up | 0.01 | 1639744_at | CG31758 | 5.76 up | 0.00 |
| 1622937_at | CG13698 | 5.63 up | 0.00 | 1637905_s_a | CG2924 | 2.00 up | 0.01 | 1625427_at | CG12241 | 2.37 up | 0.00 |
| 1632087_at | CG9928 | 5.61 up | 0.00 | 1636781_at | CG2144 | 2.24 up | 0.06 | 1637554_a_a | Dp | 2.31 up | 0.00 |
| 1638464_a_a | qtz | 5.56 up | 0.00 | 1635120_at | CG8446 | 2.14 up | 0.02 | 1625856_at | dm | 2.41 up | 0.00 |
| 1634699_a_a | CG11919 /// | 5.55 up | 0.01 | 1626196_at | CaBP1 | 2.17 up | 0.03 | 1629044_at | trbl | 2.47 up | 0.00 |
| 1635549_at | TotA | 5.54 up | 0.02 | 1626507_at | CG7556 | 2.00 up | 0.08 | 1632288_at | CDC45L | 2.01 up | 0.01 |
| 1641434_at | CG32695 | 5.54 up | 0.00 | 1626607_at | sec63 | 2.00 up | 0.04 | 1632277_a_a | HDAC6 | 2.78 up | 0.00 |
| 1635185_at | CG7560 | 5.52 up | 0.00 | 1628194_at | CG2918 | 3.47 up | 0.01 | 1635678_at | CG11299 | 2.12 up | 0.02 |
| 1637778_a_a | CG1969 | 5.51 up | 0.00 | 1633836_a_a | Fkbp13 | 2.88 up | 0.03 | 1626533_a_a | CG11727 /// | 2.37 up | 0.00 |
| 1634143_at | Cyp6w1 | 5.47 up | 0.04 | 1635871_at | beta'Cop | 2.29 up | 0.00 | 1627863_at | CG9947 | 2.03 up | 0.00 |
| 1633857_at | CG13659 | 5.45 up | 0.00 | 1631112_at | --- | 6.09 up | 0.01 | 1632655_at | blue | 2.06 up | 0.00 |
| 1631266_a_a | CG5840 | 5.44 up | 0.00 | 1632392_s_a | Slob | 16.90 up | 0.04 | 1631591_at | CG31935 | 2.00 up | 0.00 |
| 1625671_at | --- | 5.37 up | 0.00 | 1624297_at | drl | 7.76 up | 0.01 | 1639747_at | CG30291 | 2.00 up | 0.00 |
| 1625833_at | CG9896 | 5.37 up | 0.00 | 1624042_at | Gprk2 | 2.12 up | 0.03 | 1630638_at | dre4 | 2.29 up | 0.00 |
| 1625697_at | Cyp6g1 | 5.36 up | 0.01 | 1622991_s_a | Ret | 6.76 up | 0.01 | 1635900_at | Thor | 3.84 up | 0.00 |
| 1635318_at | Odc1 | 5.33 up | 0.00 | 1627886_at | Atg1 | 2.06 up | 0.10 | 1636858_at | cm | 3.03 up | 0.00 |
| 1638171_s_a | CG1753 | 5.31 up | 0.00 | 1640539_a_a | CG8866 | 2.37 up | 0.00 | 1624547_s_a | B52 | 2.72 up | 0.00 |
| 1636170_at | CG13607 | 5.30 up | 0.01 | 1624029_at | CG3608 | 2.73 up | 0.00 | 1625343_at | CG5931 | 2.10 up | 0.00 |
| 1634674_at | CG9989 | 5.30 up | 0.01 | 1637097_at | CG7497 | 6.71 up | 0.00 | AFFX-Dros-e | --- | 2.68 up | 0.01 |
| 1624950_a_a | CG14823 | 5.27 up | 0.00 | 1639524_at | CG18604 | 3.27 up | 0.01 | 1639252_s_a | CG11876 /// | 2.11 up | 0.00 |
| 1625583_at | CG16926 | 5.27 up | 0.00 | 1632200_s_a | Edem1 | 2.01 up | 0.00 | 1640629_s_a | CG1516 | 3.17 up | 0.00 |
| 1636242_at | Ilp6 | 5.27 up | 0.02 | 1623607_at | Mgat1 | 2.30 up | 0.01 | 1638717_at | CG10932 | 2.64 up | 0.00 |
| 1626086_at | CG10621 | 5.24 up | 0.01 | 1628495_at | CG9220 | 4.01 up | 0.03 | 1640363_a_a | CG6330 | 6.76 up | 0.00 |
| 1638669_at | CG11395 | 5.22 up | 0.00 | 1631595_at | CG13393 | 2.35 up | 0.01 | 1640599_at | ade5 | 4.51 up | 0.00 |
| 1624736_a_a | CG5819 | 5.21 up | 0.01 | 1630841_at | CG8668 | 2.13 up | 0.06 | 1637037_at | ade3 | 4.41 up | 0.00 |
| 1641357_at | CG1315 | 5.19 up | 0.02 | 1624152_at | CG11851 | 2.09 up | 0.03 | 1629194_s_a | ade2 | 3.56 up | 0.00 |
| 1634658_a_a | nemy | 5.18 up | 0.03 | 1635729_a_a | Ptp61F | 2.76 up | 0.01 | 1631392_at | CG11089 | 4.72 up | 0.00 |
| 1639069_at | Cyp12d1-d | 5.16 up | 0.00 | 1640602_s_a | PP2A-B | 2.08 up | 0.04 | 1629222_at | Ahcy13 | 2.94 up | 0.00 |
| 1624695_at | CG3999 | 5.15 up | 0.00 | 1631805_at | CG3397 | 3.85 up | 0.04 | 1633673_a_a | ATPsyn-beta | 5.39 up | 0.00 |
| 1636579_s_a | mdy | 5.13 up | 0.00 | 1636337_s_a | pgant6 | 3.07 up | 0.00 | 1634972_at | CG4802 | 2.51 up | 0.00 |
| 1629716_a_a | CG13284 | 5.12 up | 0.00 | 1635173_at | pgant5 | 2.46 up | 0.01 | 1630178_at | CG12082 | 2.33 up | 0.00 |
| 1624195_at | sug | 5.10 up | 0.01 | 1638344_at | CG5287 | 2.35 up | 0.01 | 1640240_s_a | CG4165 /// | 3.26 up | 0.00 |
| 1630696_at | CG12972 | 5.10 up | 0.00 | 1633463_s_a | CG30463 | 7.29 up | 0.00 | 1641634_at | Lsp2 | 6.66 up | 0.00 |
| 1641650_at | alpha-Est5 | 5.10 up | 0.00 | 1638182_at | CG5999 | 5.24 up | 0.01 | 1626766_s_a | Alp23B | 5.06 up | 0.00 |
| 1634370_a_a | pnr | 5.09 up | 0.00 | 1635318_at | Odc1 | 3.72 up | 0.01 | 1635984_at | Neu3 | 2.33 up | 0.00 |
| 1636629_at | CG13792 | 5.07 up | 0.01 | 1624818_s_a | Sply | 2.08 up | 0.00 | 1640956_at | CG4725 | 6.71 up | 0.00 |
| 1641018_s_a | CG8468 | 5.06 up | 0.01 | 1625344_at | fu12 | 2.35 up | 0.01 | 1626377_at | CG8358 | 5.94 up | 0.00 |
| 1624540_at | CG14642 | 5.05 up | 0.00 | 1641502_a_a | CG9391 | 3.75 up | 0.00 | 1627837_at | CG5527 | 4.84 up | 0.00 |
| 1630660_at | CG14033 | 5.04 up | 0.00 | 1639911_at | CG17029 | 2.54 up | 0.06 | 1627256_s_a | ATPsyn-d /// | 2.01 up | 0.00 |
| 1635792_a_a | Ela | 5.02 up | 0.00 | 1635792_a_a | Ela | 4.48 up | 0.01 | 1623689_a_a | CG14642 | 51.75 up | 0.00 |
| 1632809_at | CG14762 | 5.01 up | 0.00 | 1625203_at | CG9826 | 12.66 up | 0.00 | 1634805_at | CG14642 | 47.16 up | 0.00 |
| 1627595_at | CG11314 | 5.00 up | 0.00 | 1625271_at | CG15438 | 2.57 up | 0.01 | 1634848_at | DsimCG167 | 2.32 up | 0.02 |
| 1625439_at | Tsp29Fa | 4.97 up | 0.00 | 1637051_at | RhoGAP71H | 2.07 up | 0.02 | 1640372_at | Rpn12 | 2.18 up | 0.00 |

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|------------------------|---------|------|-------------------------|----------|------|-------------------------|-----------|------|
| 1632830_s_a G-alpha47 | 4.97 up | 0.00 | 1638008_s_a CG2003 | 3.45 up | 0.00 | 1625910_at CG1773 | 3.43 up | 0.00 |
| 1624409_a_a CG11315 | 4.96 up | 0.00 | 1636526_at CG9451 | 2.64 up | 0.02 | 1627162_at CG31681 | 20.58 up | 0.00 |
| 1635548_s_a CG15281 | 4.94 up | 0.02 | 1633200_at CG9449 | 2.04 up | 0.05 | 1640031_at Acer | 2.55 up | 0.00 |
| 1633200_at CG9449 | 4.93 up | 0.00 | 1624441_at Eip93F | 3.05 up | 0.03 | 1629789_at CG9649 | 5.48 up | 0.00 |
| 1638321_s_a CG4847 | 4.92 up | 0.00 | 1628705_at PH4alphaEF | 2.44 up | 0.02 | 1633224_at CG9631 | 2.37 up | 0.00 |
| 1641199_a_a CG1544 | 4.91 up | 0.02 | 1634579_at CG4747 | 2.39 up | 0.00 | 1639784_at Pros45 | 2.28 up | 0.00 |
| 1637797_at CG14400 | 4.90 up | 0.00 | 1635273_s_a kek5 | 3.99 up | 0.04 | 1630788_at Pros26.4 | 2.21 up | 0.00 |
| 1623756_at CG17239 /// | 4.90 up | 0.00 | 1637814_s_a Jafrac2 | 7.76 up | 0.00 | 1641292_at CG32834 | 165.34 up | 0.00 |
| 1636526_at CG9451 | 4.85 up | 0.00 | 1626804_at CG5379 | 22.91 up | 0.00 | 1638955_at CG32277 | 81.10 up | 0.00 |
| 1623866_at Cyp4ac2 | 4.85 up | 0.09 | 1627647_at CG3940 | 2.14 up | 0.10 | 1623756_at CG17239 /// | 30.17 up | 0.00 |
| 1640006_at CG18609 /// | 4.84 up | 0.03 | 1631688_at mal | 2.65 up | 0.02 | 1627709_at CG30371 | 27.99 up | 0.00 |
| 1632517_at CG7966 | 4.82 up | 0.00 | 1636766_at Ent2 | 2.30 up | 0.02 | 1627542_at CG17012 | 27.73 up | 0.00 |
| 1624425_at CG7384 | 4.77 up | 0.00 | 1624195_at sug | 2.03 up | 0.10 | 1627119_at CG8329 | 17.39 up | 0.00 |
| 1633836_a_a Fkbp13 | 4.76 up | 0.00 | 1639550_a_a CG9650 /// | 12.52 up | 0.00 | 1623211_at CG17234 | 15.48 up | 0.00 |
| 1628963_at CG4716 /// | 4.74 up | 0.01 | 1639482_a_a CG32549 /// | 2.13 up | 0.01 | 1641359_at Ser7 | 8.17 up | 0.00 |
| 1624412_at ap | 4.73 up | 0.01 | 1629772_at CG9541 | 5.52 up | 0.00 | 1630655_at CG33159 | 7.93 up | 0.00 |
| 1640599_at ade5 | 4.72 up | 0.00 | 1639002_s_a CG14801 | 2.18 up | 0.10 | 1641534_at CG11842 | 5.95 up | 0.00 |
| 1631173_at dob | 4.71 up | 0.02 | 1633612_at ps | 3.63 up | 0.01 | 1638321_s_a CG4847 | 5.37 up | 0.00 |
| 1632114_at Cyp12a4 | 4.70 up | 0.00 | 1635728_a_a ps | 2.10 up | 0.09 | 1625828_at CG11841 | 4.52 up | 0.00 |
| 1623355_at v | 4.70 up | 0.01 | 1624847_at CG11985 | 2.08 up | 0.05 | 1624540_at CG14642 | 4.40 up | 0.00 |
| 1626324_at Cyp309a1 | 4.70 up | 0.02 | 1637254_at spdo | 2.52 up | 0.03 | 1624236_at CG30002 | 3.86 up | 0.00 |
| 1627162_at CG31681 | 4.68 up | 0.01 | 1623486_at CG7900 | 4.40 up | 0.00 | 1627657_at CG16749 | 3.69 up | 0.02 |
| 1623666_at CG10516 | 4.68 up | 0.00 | 1626506_at Syx18 | 2.14 up | 0.02 | 1635282_at CG7142 | 2.76 up | 0.02 |
| 1638675_at CG10680 | 4.67 up | 0.00 | 1640799_at dsx | 2.20 up | 0.06 | 1626222_at Ser8 | 2.09 up | 0.00 |
| 1623051_at CG18125 | 4.67 up | 0.02 | 1631330_at CG3408 | 2.06 up | 0.05 | 1630590_at CG18417 | 3.87 up | 0.00 |
| 1639550_a_a CG9650 /// | 4.66 up | 0.06 | 1623957_s_a GstS1 | 2.96 up | 0.01 | 1638453_at CG9849 /// | 2.16 up | 0.00 |
| 1624851_at DsimCG326 | 4.66 up | 0.03 | 1626452_at CG2121 | 6.18 up | 0.00 | 1638394_at CG3499 | 2.03 up | 0.00 |
| 1634048_a_a bgm | 4.66 up | 0.00 | 1636934_at zormin | 2.12 up | 0.02 | 1627020_at CG11110 | 2.09 up | 0.00 |
| 1641647_at CG9232 | 4.65 up | 0.00 | 1626218_s_a oaf | 2.15 up | 0.07 | 1641053_s_a tok | 4.98 up | 0.00 |
| 1623957_s_a GstS1 | 4.65 up | 0.00 | 1636168_s_a CG13101 | 2.75 up | 0.01 | 1637997_at CG32155 | 3.41 up | 0.00 |
| 1632911_at CG33493 | 4.61 up | 0.00 | 1628453_at l(1)G0289 | 2.47 up | 0.04 | 1631523_at CG10824 | 2.23 up | 0.01 |
| 1634697_at CG32667 | 4.60 up | 0.00 | 1632891_s_a Hrb27C | 2.14 up | 0.03 | 1634246_at CG11319 | 2.69 up | 0.01 |
| 1633639_at Cyp28d1 | 4.58 up | 0.01 | 1631244_a_a Pabp2 | 3.02 up | 0.01 | 1633470_at RN-tre | 2.00 up | 0.00 |
| 1627542_at CG17012 | 4.57 up | 0.02 | 1639719_at Pabp2 | 2.69 up | 0.01 | 1631405_at CG9508 | 7.75 up | 0.00 |
| 1626891_at CG15414 | 4.56 up | 0.00 | 1628435_at sqd | 2.53 up | 0.01 | 1625685_at --- | 2.10 up | 0.00 |
| 1637037_at ade3 | 4.53 up | 0.00 | 1640670_at btl | 4.22 up | 0.01 | 1636946_at CG6687 | 4.80 up | 0.00 |
| 1623211_at CG17234 | 4.53 up | 0.00 | 1624586_a_a Prt2 | 3.21 up | 0.00 | 1633765_at asparagine-s | 6.53 up | 0.00 |
| 1635060_at CG15068 | 4.50 up | 0.00 | 1641681_s_a CG5288 /// | 2.23 up | 0.04 | 1632790_at dream | 3.43 up | 0.00 |
| 1628226_at CG8539 /// | 4.49 up | 0.01 | 1634393_s_a Klp10A | 2.14 up | 0.05 | 1623238_at CG5618 | 2.22 up | 0.00 |
| 1632222_a_a CG9238 | 4.47 up | 0.01 | 1636257_at CG10688 | 2.37 up | 0.01 | 1631953_at CG30375 | 27.34 up | 0.00 |
| 1634640_at Cyp4ac1 | 4.46 up | 0.05 | 1628771_s_a CG32700 /// | 18.98 up | 0.02 | 1637876_a_a CG5976 | 2.29 up | 0.00 |
| 1631228_a_a sPLA2 | 4.46 up | 0.00 | 1641038_at CG10650 | 10.01 up | 0.00 | 1640407_at CG9897 /// | 106.69 up | 0.00 |
| 1641066_s_a fbp | 4.43 up | 0.00 | 1622908_a_a CG10962 | 4.46 up | 0.00 | 1623051_at CG18125 | 27.33 up | 0.00 |

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|-------------|--------------|---------|------|-------------|--------------|----------|------|-------------|--------------|----------|------|
| 1639744_at | CG31758 | 4.41 up | 0.03 | 1628935_at | CG10962 | 4.14 up | 0.00 | 1639642_a_a | CG3239 | 11.01 up | 0.00 |
| 1631610_at | CG31886 | 4.41 up | 0.01 | 1637778_a_a | CG1969 | 3.80 up | 0.00 | 1641280_at | Ance-4 | 10.01 up | 0.00 |
| 1632790_at | dream | 4.40 up | 0.00 | 1636543_a_a | CG1969 | 2.54 up | 0.00 | 1640399_at | CG3775 /// 1 | 8.50 up | 0.00 |
| 1638772_at | CG18107 | 4.40 up | 0.00 | 1624310_s_a | CG4753 | 2.33 up | 0.03 | 1634958_at | CG9455 | 8.23 up | 0.00 |
| 1636258_at | CG8550 | 4.39 up | 0.01 | 1626316_at | CG34348 | 2.16 up | 0.03 | 1634620_a_a | stl | 6.85 up | 0.00 |
| 1625051_at | 4EHP | 4.38 up | 0.00 | 1627719_at | gol | 2.82 up | 0.00 | 1636258_at | CG8550 | 6.58 up | 0.00 |
| 1637275_a_a | CG13335 /// | 4.37 up | 0.01 | 1627595_at | CG11314 | 2.77 up | 0.04 | 1626857_at | CG4408 | 6.28 up | 0.00 |
| 1625531_at | Obp18a | 4.36 up | 0.00 | 1633923_at | CG1749 | 3.06 up | 0.01 | 1630547_at | CG4723 | 6.07 up | 0.00 |
| 1635744_at | CG9342 /// 1 | 4.35 up | 0.02 | 1628049_at | CG15828 | 2.78 up | 0.07 | 1637072_at | CG11459 | 5.93 up | 0.01 |
| 1640505_at | CG34020 | 4.34 up | 0.00 | 1626314_at | vib | 2.17 up | 0.07 | 1623298_at | CG6067 | 5.91 up | 0.00 |
| 1630700_at | --- | 4.32 up | 0.02 | 1629559_s_a | Atet | 3.67 up | 0.00 | 1639530_at | CG14528 | 5.58 up | 0.00 |
| 1635766_at | Fs(2)Ket | 4.32 up | 0.00 | 1627658_s_a | CG4995 | 2.78 up | 0.05 | 1624590_at | CG17134 | 5.55 up | 0.00 |
| 1628639_at | CG5791 | 4.32 up | 0.02 | 1630593_at | NLaz | 2.27 up | 0.01 | 1628226_at | CG8539 /// 1 | 5.47 up | 0.00 |
| 1623126_at | CG13912 | 4.29 up | 0.00 | 1628398_at | CG5853 | 2.14 up | 0.05 | 1637042_a_a | CG11961 | 5.40 up | 0.00 |
| 1636910_at | CG13704 | 4.29 up | 0.01 | 1636816_s_a | CG33090 | 2.70 up | 0.01 | 1637432_at | CG3097 | 5.30 up | 0.00 |
| 1625503_at | CG32425 | 4.29 up | 0.00 | 1635757_at | laza | 4.33 up | 0.01 | 1625598_at | CG31326 | 4.93 up | 0.00 |
| 1638616_at | mthl9 | 4.29 up | 0.00 | 1634257_at | CG5162 | 2.15 up | 0.05 | 1626373_at | CG32833 | 4.15 up | 0.00 |
| 1636682_at | CG31778 | 4.28 up | 0.00 | 1628240_at | CG4825 | 2.30 up | 0.00 | 1624076_at | CG5849 | 3.80 up | 0.00 |
| 1630173_a_a | CG15745 | 4.25 up | 0.00 | 1623769_at | CG7322 | 2.94 up | 0.06 | 1640912_s_a | scarface | 3.30 up | 0.00 |
| 1625174_at | CG15067 | 4.24 up | 0.00 | 1631783_at | CG4267 | 2.82 up | 0.00 | 1627138_at | CG4271 | 3.17 up | 0.00 |
| 1630547_at | CG4723 | 4.22 up | 0.01 | 1641598_at | wun2 | 2.47 up | 0.05 | 1637531_at | CG1440 /// 1 | 2.81 up | 0.00 |
| 1627912_at | CG5493 | 4.20 up | 0.01 | 1638324_s_a | CG6921 /// 1 | 2.97 up | 0.00 | 1639499_at | CG2025 /// 1 | 2.76 up | 0.00 |
| 1635271_at | CG30431 | 4.20 up | 0.06 | 1629969_at | CG11426 | 8.29 up | 0.00 | 1628955_at | Ance-3 | 2.56 up | 0.03 |
| 1634960_at | CG14375 | 4.17 up | 0.03 | 1624505_at | CG6113 | 2.53 up | 0.01 | 1635033_at | CG30083 | 2.41 up | 0.02 |
| 1629194_s_a | ade2 | 4.16 up | 0.00 | 1641033_a_a | unk | 2.06 up | 0.03 | 1632245_a_a | Spn4 | 2.36 up | 0.00 |
| 1626074_at | CG34018 | 4.09 up | 0.04 | 1625587_at | Jheh3 | 15.00 up | 0.00 | 1637385_a_a | CG9780 | 2.34 up | 0.01 |
| 1640912_s_a | scarface | 4.08 up | 0.01 | 1640293_s_a | CG6838 | 2.53 up | 0.00 | 1623540_at | CG31704 | 2.29 up | 0.00 |
| 1638582_at | CG5321 | 4.07 up | 0.01 | 1641630_at | Gap69C | 2.19 up | 0.00 | 1625990_at | CG11367 /// | 2.27 up | 0.00 |
| 1628657_at | GstE9 | 4.07 up | 0.01 | 1632991_at | CG1418 /// 1 | 2.76 up | 0.01 | 1633206_at | CG9780 | 2.25 up | 0.06 |
| 1633401_s_a | Cyp12d1-d / | 4.06 up | 0.00 | 1637556_at | CG11857 | 2.33 up | 0.01 | 1629568_at | CG33276 | 2.24 up | 0.01 |
| 1631100_at | Lkr | 4.05 up | 0.00 | 1624176_at | CG10590 | 2.18 up | 0.01 | 1638585_at | CG4721 | 2.18 up | 0.01 |
| 1630520_s_a | --- | 4.05 up | 0.01 | 1639361_a_a | garz | 5.91 up | 0.01 | 1628332_at | CG14990 | 2.17 up | 0.01 |
| 1641711_at | CG13360 | 4.04 up | 0.00 | 1626339_at | garz | 2.14 up | 0.02 | 1634477_at | CG31177 | 2.17 up | 0.00 |
| 1632688_s_a | CG11594 | 4.03 up | 0.00 | 1628938_at | CG10882 | 2.53 up | 0.05 | 1625928_at | HtrA2 | 2.06 up | 0.00 |
| 1641681_s_a | CG5288 /// 1 | 4.02 up | 0.00 | 1634104_a_a | Top1 | 2.35 up | 0.00 | 1623438_at | CG9505 | 2.04 up | 0.01 |
| 1631392_at | CG11089 | 4.01 up | 0.00 | 1640509_s_a | lama | 2.62 up | 0.01 | 1638822_at | CG6859 | 3.37 up | 0.00 |
| 1623428_at | CG14933 /// | 4.01 up | 0.00 | 1624153_at | Tina-1 | 2.15 up | 0.07 | 1627354_at | CG11779 /// | 4.48 up | 0.01 |
| 1629784_a_a | Myo28B1 | 4.00 up | 0.02 | 1627096_s_a | Tkr | 5.39 up | 0.01 | 1639093_s_a | Tom70 | 2.16 up | 0.00 |
| 1623028_at | CG14872 | 4.00 up | 0.00 | 1641693_s_a | CG32158 | 3.23 up | 0.02 | 1637517_s_a | KrT95D | 4.31 up | 0.00 |
| 1623961_at | Arpc3B | 3.99 up | 0.00 | 1631100_at | Lkr | 3.57 up | 0.03 | 1629725_at | CG33331 | 2.97 up | 0.00 |
| 1627152_at | CG12918 | 3.99 up | 0.00 | 1624199_at | NPFR76F | 5.55 up | 0.00 | 1638663_at | --- | 3.39 up | 0.00 |
| 1628885_at | CG32698 | 3.98 up | 0.01 | 1624164_s_a | GlcAT-P | 2.50 up | 0.01 | 1623247_at | CG10420 | 2.91 up | 0.00 |
| 1624200_at | CG8679 | 3.98 up | 0.00 | 1629352_at | sgl | 3.02 up | 0.00 | 1639419_at | CG8860 | 3.19 up | 0.00 |

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|-------------|-------------|---------|------|-------------|-------------|---------|------|-------------|------------|----------|------|
| 1631300_at | Cyp18a1 | 3.97 up | 0.01 | 1641199_a_a | CG1544 | 2.20 up | 0.03 | 1628429_at | Sec61gamm | 2.18 up | 0.00 |
| 1636353_s_a | CG8112 | 3.97 up | 0.06 | 1624405_a_a | CG7059 | 6.94 up | 0.00 | 1633320_at | Srp54k | 2.78 up | 0.00 |
| 1625584_at | CG8654 | 3.95 up | 0.01 | 1630147_at | Hex-C | 5.53 up | 0.00 | 1639135_at | Gtp-bp | 2.41 up | 0.00 |
| 1639341_at | CG14971 | 3.95 up | 0.00 | 1625638_a_a | Hex-A | 2.29 up | 0.02 | 1626602_at | Rack1 | 2.25 up | 0.00 |
| 1626456_at | l(1)G0320 | 3.94 up | 0.00 | 1632222_a_a | CG9238 | 2.43 up | 0.05 | 1636044_at | Slh | 2.48 up | 0.00 |
| 1627516_at | CG6834 | 3.94 up | 0.01 | 1623839_at | CG6415 | 2.87 up | 0.05 | 1634910_at | CG15803 | 5.79 up | 0.00 |
| 1634526_a_a | qua | 3.93 up | 0.00 | 1628521_at | Gmd | 2.13 up | 0.01 | 1634773_at | SsRbeta | 5.12 up | 0.00 |
| 1633227_s_a | CG14945 | 3.93 up | 0.01 | 1632197_at | eIF-2alpha | 2.28 up | 0.02 | 1641295_s_a | KdelR | 2.32 up | 0.00 |
| 1634257_at | CG5162 | 3.91 up | 0.00 | 1640379_s_a | CG11079 /// | 2.15 up | 0.09 | 1638890_at | Tapdelta | 3.80 up | 0.00 |
| 1631628_s_a | CG12896 /// | 3.90 up | 0.00 | 1623692_s_a | rho-4 | 2.89 up | 0.00 | 1629215_at | Kua | 5.64 up | 0.00 |
| 1634237_at | l(2)34Fa | 3.90 up | 0.01 | 1623158_s_a | rho-4 | 2.65 up | 0.00 | 1631050_at | CG5384 | 2.76 up | 0.00 |
| 1625122_at | Obp99c | 3.89 up | 0.00 | 1641148_a_a | AcCoAS | 2.43 up | 0.00 | 1626724_at | CG32687 | 3.62 up | 0.00 |
| 1624450_at | Orct | 3.88 up | 0.00 | 1629939_a_a | CG1140 | 2.24 up | 0.10 | 1627643_at | CG7546 /// | 2.34 up | 0.00 |
| 1625477_a_a | CG4797 | 3.88 up | 0.01 | 1634048_a_a | bgm | 2.62 up | 0.01 | 1635120_at | CG8446 | 3.00 up | 0.00 |
| 1625795_a_a | CG3394 | 3.87 up | 0.00 | 1632623_at | Cyt-b5-r | 3.18 up | 0.01 | 1626196_at | CaBP1 | 2.81 up | 0.00 |
| 1641502_a_a | CG9391 | 3.87 up | 0.00 | 1636254_s_a | rdx | 2.22 up | 0.02 | 1635427_a_a | gukh | 2.42 up | 0.00 |
| 1626473_a_a | fon | 3.86 up | 0.00 | 1632830_s_a | G-omega47/ | 4.53 up | 0.02 | 1640333_at | CG7861 | 2.13 up | 0.00 |
| 1640854_at | CG31248 /// | 3.85 up | 0.01 | 1630859_s_a | Chro | 2.67 up | 0.01 | 1626507_at | CG7556 | 2.47 up | 0.00 |
| 1625120_at | CG14630 /// | 3.85 up | 0.01 | 1630753_at | ric8a | 2.15 up | 0.01 | 1623998_at | CG10565 | 2.20 up | 0.00 |
| 1634036_at | CG8788 | 3.84 up | 0.00 | 1629865_s_a | ric8a | 2.03 up | 0.00 | 1635293_s_a | CG8336 | 2.21 up | 0.00 |
| 1626345_at | IM4 | 3.83 up | 0.01 | 1635909_at | cic | 3.35 up | 0.05 | 1626607_at | sec63 | 2.10 up | 0.00 |
| 1625457_at | CG10031 | 3.82 up | 0.01 | 1632548_a_a | Mes2 | 2.72 up | 0.01 | 1628194_at | CG2918 | 2.48 up | 0.00 |
| 1625910_at | CG1773 | 3.82 up | 0.00 | 1629229_a_a | srp | 4.07 up | 0.00 | 1639441_at | Crc | 2.23 up | 0.00 |
| 1636221_a_a | tkv | 3.80 up | 0.00 | 1626594_s_a | svp | 3.03 up | 0.07 | 1633836_a_a | Fkbp13 | 3.65 up | 0.00 |
| 1635033_at | CG30083 | 3.80 up | 0.00 | 1634261_at | Cyp312a1 | 8.65 up | 0.01 | 1624386_at | CSN1b | 2.15 up | 0.00 |
| 1624297_at | drl | 3.79 up | 0.00 | 1628584_at | Cyp305a1 | 8.11 up | 0.01 | 1628472_at | deltaCOP | 1.99 up | 0.00 |
| 1637322_at | pyd | 3.78 up | 0.02 | 1629324_at | CG6870 | 4.36 up | 0.05 | 1635871_at | beta'Cop | 2.77 up | 0.00 |
| 1625857_at | CG8451 | 3.78 up | 0.01 | 1634664_at | Cyp309a2 | 3.35 up | 0.06 | 1634294_s_a | AP-1gamma | 2.28 up | 0.00 |
| 1627493_at | CG5958 | 3.77 up | 0.00 | 1639901_a_a | Cyp49a1 | 3.09 up | 0.01 | 1632109_s_a | alphaCop | 2.19 up | 0.00 |
| 1639641_at | CG8560 | 3.77 up | 0.02 | 1634623_a_a | Cyp6a14 | 2.86 up | 0.01 | 1631112_at | --- | 23.85 up | 0.00 |
| 1632836_at | --- | 3.73 up | 0.00 | 1635593_at | Cyp6d2 | 2.19 up | 0.01 | 1632392_s_a | Slob | 59.30 up | 0.00 |
| 1633599_a_a | Pepck | 3.73 up | 0.04 | 1625697_at | Cyp6g1 | 2.99 up | 0.04 | 1629746_at | CG4041 /// | 2.17 up | 0.00 |
| 1638295_s_a | CG1129 | 3.72 up | 0.00 | 1632114_at | Cyp12a4 | 3.30 up | 0.00 | 1624297_at | drl | 7.75 up | 0.00 |
| 1633476_at | Acox57D-d | 3.72 up | 0.06 | 1632834_a_a | zetaCOP | 2.08 up | 0.00 | 1631486_at | p38c | 4.74 up | 0.00 |
| 1634246_at | CG11319 | 3.71 up | 0.04 | 1626613_at | CG11236 /// | 3.21 up | 0.02 | 1622991_s_a | Ret | 12.05 up | 0.00 |
| 1633434_at | CG18327 | 3.69 up | 0.00 | 1639152_at | Ptp52F | 8.12 up | 0.00 | 1623838_s_a | CG4629 | 3.11 up | 0.01 |
| 1622894_at | CG15120 | 3.65 up | 0.02 | 1641293_at | ire-1 | 4.86 up | 0.00 | 1627886_at | Atg1 | 2.79 up | 0.00 |
| 1630333_at | Cpr50Ca | 3.64 up | 0.00 | 1628013_at | CG3597 | 3.00 up | 0.04 | 1624029_at | CG3608 | 3.28 up | 0.00 |
| 1630993_at | CG31414 | 3.64 up | 0.00 | 1633476_at | Acox57D-d | 2.26 up | 0.04 | 1637097_at | CG7497 | 4.52 up | 0.00 |
| 1637538_s_a | CG9485 | 3.63 up | 0.00 | 1639069_at | Cyp12d1-d | 5.88 up | 0.01 | 1639524_at | CG18604 | 2.33 up | 0.00 |
| 1634261_at | Cyp312a1 | 3.62 up | 0.04 | 1633401_s_a | Cyp12d1-d / | 4.26 up | 0.00 | 1632200_s_a | Edem1 | 2.24 up | 0.00 |
| 1624953_at | Cyp12c1 | 3.61 up | 0.03 | 1641714_at | CG12338 /// | 2.28 up | 0.04 | 1632521_at | CG4542 | 2.24 up | 0.00 |
| 1639257_s_a | CG11739 | 3.61 up | 0.00 | 1623787_at | CG7144 | 2.02 up | 0.07 | 1623853_at | betaggt-I | 2.46 up | 0.00 |

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|-------------|--------------|---------|------|-------------|------------|----------|------|-------------|---------------|----------|------|
| 1623963_at | CG32115 | 3.60 up | 0.04 | 1635008_at | Cyp9b2 | 4.83 up | 0.00 | 1628495_at | CG9220 | 3.44 up | 0.00 |
| 1624076_at | CG5849 | 3.60 up | 0.00 | 1634143_at | Cyp6w1 | 4.48 up | 0.07 | 1631595_at | CG13393 | 3.21 up | 0.00 |
| 1631693_at | CG9616 | 3.60 up | 0.05 | 1634939_at | CG13077 | 3.75 up | 0.02 | 1630841_at | CG8668 | 2.39 up | 0.00 |
| 1627741_at | CG13086 | 3.59 up | 0.01 | 1641428_at | Cyp9c1 | 2.89 up | 0.01 | 1637520_at | CG1518 | 2.27 up | 0.00 |
| 1625486_a_a | PGRP-LA | 3.58 up | 0.00 | 1626689_at | Cyp6t1 | 2.77 up | 0.05 | 1624152_at | CG11851 | 2.01 up | 0.00 |
| 1628556_s_a | Hr39 | 3.56 up | 0.02 | 1633354_at | Cyp6v1 | 2.05 up | 0.02 | 1631240_at | OstStt3 | 2.00 up | 0.00 |
| 1634583_s_a | CG4822 | 3.55 up | 0.01 | 1628987_at | CG5869 | 2.08 up | 0.01 | 1635729_a_a | Ptp61F | 2.18 up | 0.03 |
| 1628398_at | CG5853 | 3.55 up | 0.02 | 1623484_at | vg | 20.72 up | 0.01 | 1638100_s_a | Ptpmeg | 2.21 up | 0.00 |
| 1637042_a_a | CG11961 | 3.52 up | 0.00 | 1641470_s_a | vg | 13.24 up | 0.00 | 1640602_s_a | PP2A-B | 2.32 up | 0.00 |
| 1631867_at | Idgf5 | 3.52 up | 0.01 | 1636528_at | Gp93 | 2.58 up | 0.01 | 1637154_at | CG7470 | 4.49 up | 0.00 |
| 1639415_at | Tps1 | 3.51 up | 0.00 | 1640898_at | DNaseII | 2.49 up | 0.09 | 1631805_at | CG3397 | 5.05 up | 0.00 |
| 1622946_at | CG6908 | 3.49 up | 0.01 | 1626133_s_a | --- | 4.16 up | 0.00 | 1626653_a_a | ferrochelata: | 2.25 up | 0.00 |
| 1627007_at | CG4306 | 3.48 up | 0.00 | 1639415_at | Tps1 | 2.25 up | 0.07 | 1636337_s_a | pgant6 | 3.05 up | 0.00 |
| 1635491_s_a | TRAM | 3.48 up | 0.00 | 1639426_at | CG9593 | 4.35 up | 0.01 | 1638344_at | CG5287 | 3.55 up | 0.00 |
| 1641627_at | CG9396 | 3.48 up | 0.00 | 1634192_at | CG30281 | 2.57 up | 0.09 | 1640824_at | CG11306 | 2.42 up | 0.00 |
| 1633770_at | CG11967 | 3.47 up | 0.01 | 1629118_at | PGRP-SC2 | 9.25 up | 0.02 | 1633463_s_a | CG30463 | 2.37 up | 0.01 |
| 1623770_at | CG1673 /// 1 | 3.46 up | 0.09 | 1641698_at | CG6429 | 11.84 up | 0.01 | 1633218_a_a | UGP | 2.51 up | 0.01 |
| 1633757_s_a | CG10188 | 3.45 up | 0.00 | 1634636_at | CG6426 | 4.13 up | 0.01 | 1638182_at | CG5999 | 13.17 up | 0.00 |
| 1630088_at | CG16743 /// | 3.44 up | 0.00 | 1638481_at | CG2736 | 3.45 up | 0.04 | 1641481_at | Ugt86Dd | 2.55 up | 0.00 |
| 1630066_at | CG4302 | 3.43 up | 0.01 | 1632517_at | CG7966 | 3.14 up | 0.00 | 1630066_at | CG4302 | 2.16 up | 0.01 |
| 1640379_s_a | CG11079 /// | 3.43 up | 0.00 | 1625988_a_a | Dys | 2.55 up | 0.02 | 1635318_at | Odc1 | 14.47 up | 0.00 |
| 1638417_at | CG31373 | 3.42 up | 0.00 | 1640200_at | Dys | 2.26 up | 0.01 | 1631439_at | Odc2 | 3.31 up | 0.00 |
| 1623900_a_a | CG14935 | 3.42 up | 0.00 | 1623374_a_a | Fim | 2.70 up | 0.00 | 1632146_a_a | CG5508 | 2.15 up | 0.01 |
| 1622893_at | IM3 /// RpS | 3.42 up | 0.07 | 1634526_a_a | qua | 4.56 up | 0.02 | 1636217_at | CG30503 | 2.24 up | 0.00 |
| 1628453_at | l(1)G0289 | 3.41 up | 0.01 | 1626224_s_a | fws | 2.26 up | 0.02 | 1625595_a_a | DsimCG924 | 2.43 up | 0.00 |
| 1629772_at | CG9541 | 3.39 up | 0.04 | 1634509_s_a | fwd | 2.57 up | 0.01 | 1629153_s_a | CG5991 | 2.06 up | 0.00 |
| 1626766_s_a | Alp23B | 3.39 up | 0.02 | 1635462_at | rho | 4.73 up | 0.00 | 1624818_s_a | Sply | 2.92 up | 0.00 |
| 1637120_at | CG30098 | 3.36 up | 0.07 | 1628859_at | shi | 2.21 up | 0.01 | 1625344_at | fu12 | 4.82 up | 0.00 |
| 1628731_s_a | CG13741 /// | 3.36 up | 0.01 | 1627840_a_a | zip | 2.40 up | 0.03 | 1631228_a_a | sPLA2 | 4.85 up | 0.00 |
| 1632955_at | PhKgamma | 3.35 up | 0.01 | 1623405_at | pav | 2.50 up | 0.01 | 1641502_a_a | CG9391 | 5.66 up | 0.00 |
| 1636543_a_a | CG1969 | 3.35 up | 0.00 | 1638171_s_a | CG1753 | 6.77 up | 0.00 | 1624975_at | CG17028 | 2.33 up | 0.00 |
| 1626953_at | Fmo-1 | 3.33 up | 0.01 | 1638464_a_a | qtc | 8.71 up | 0.00 | 1639911_at | CG17029 | 2.04 up | 0.00 |
| 1632146_a_a | CG5508 | 3.32 up | 0.01 | 1630929_at | CG5885 /// | 2.56 up | 0.00 | 1635502_at | CG8311 | 2.13 up | 0.00 |
| 1640670_at | btl | 3.31 up | 0.01 | 1628937_s_a | rin | 2.97 up | 0.01 | 1637866_at | CG9246 | 2.14 up | 0.01 |
| 1639524_at | CG18604 | 3.31 up | 0.01 | 1636221_a_a | tkv | 3.82 up | 0.00 | 1635792_a_a | Ela | 12.30 up | 0.00 |
| 1641490_s_a | Tsp | 3.29 up | 0.00 | 1633746_s_a | a | 5.58 up | 0.02 | 1625203_at | CG9826 | 13.14 up | 0.00 |
| 1636217_at | CG30503 | 3.29 up | 0.01 | 1627493_at | CG5958 | 2.54 up | 0.01 | 1625271_at | CG15438 | 2.90 up | 0.00 |
| 1634939_at | CG13077 | 3.28 up | 0.00 | 1625857_at | CG8451 | 4.31 up | 0.00 | 1638008_s_a | CG2003 | 2.96 up | 0.00 |
| 1632715_at | --- | 3.28 up | 0.01 | 1630310_at | CG32751 | 19.26 up | 0.01 | 1633200_at | CG9449 | 5.90 up | 0.00 |
| 1634702_at | CG7227 | 3.27 up | 0.06 | 1624957_a_a | Tequila | 2.62 up | 0.05 | 1636526_at | CG9451 | 5.57 up | 0.00 |
| 1625058_at | yellow-d | 3.27 up | 0.00 | 1623226_at | CG10154 | 3.07 up | 0.00 | 1628150_a_a | CG9449 | 4.49 up | 0.00 |
| 1641022_a_a | Cyp18a1 | 3.27 up | 0.01 | 1637541_at | Fs | 5.09 up | 0.01 | 1640265_a_a | Acph-1 | 2.03 up | 0.00 |
| 1624819_s_a | --- | 3.24 up | 0.00 | 1632824_at | Fs | 2.39 up | 0.04 | 1631671_at | CG13827 | 2.37 up | 0.00 |

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|----------------------------|---------|------|-----------------------------|----------|------|-----------------------------|-----------|------|
| 1628150_a_a CG9449 | 3.24 up | 0.00 | 1641212_a_a CG32030 | 2.50 up | 0.00 | 1628705_at PH4alphaEF | 3.07 up | 0.00 |
| 1640031_at Acer | 3.24 up | 0.01 | 1633757_s_a CG10188 | 2.29 up | 0.05 | 1630055_a_a sec31 | 2.02 up | 0.00 |
| 1634296_s_a CG17646 | 3.23 up | 0.00 | 1639079_at Adgf-D | 3.32 up | 0.02 | 1631588_at Pgd | 2.76 up | 0.00 |
| 1626314_at vib | 3.23 up | 0.00 | 1624736_a_a CG5819 | 3.20 up | 0.03 | 1630236_s_a CG15093 | 3.69 up | 0.00 |
| 1633262_s_a Lim1 | 3.23 up | 0.01 | 1641575_at Cad87A | 2.67 up | 0.05 | 1627910_s_a CG8036 | 3.64 up | 0.00 |
| 1626133_s_a --- | 3.20 up | 0.00 | 1634290_a_a mew | 4.16 up | 0.01 | 1637129_at GstE3 | 2.06 up | 0.01 |
| 1640280_at lola | 3.18 up | 0.01 | 1640547_at mew | 2.77 up | 0.02 | 1625744_at GstE6 | 2.01 up | 0.06 |
| 1641741_a_a CG14823 | 3.16 up | 0.00 | 1641490_s_a Tsp | 4.27 up | 0.00 | 1631628_s_a CG12896 /// | 3.18 up | 0.00 |
| 1640501_at CG3829 | 3.15 up | 0.01 | 1639257_s_a CG11739 | 2.07 up | 0.06 | 1637814_s_a Jafrac2 | 5.41 up | 0.00 |
| 1631486_at p38c | 3.14 up | 0.05 | 1640126_at CG8249 | 6.59 up | 0.00 | 1636639_at Spp | 2.09 up | 0.00 |
| 1635008_at Cyp9b2 | 3.13 up | 0.00 | 1625477_a_a CG4797 | 3.18 up | 0.02 | 1631452_at CG8665 | 2.62 up | 0.00 |
| 1633923_at CG1749 | 3.13 up | 0.00 | 1631222_at pdm3 | 6.01 up | 0.00 | 1626804_at CG5379 | 240.85 up | 0.00 |
| 1631770_at Tango13 | 3.12 up | 0.04 | 1636932_at CG9886 | 3.52 up | 0.02 | 1628885_at CG32698 | 4.38 up | 0.00 |
| 1630831_at CG7695 | 3.12 up | 0.00 | 1639215_at Csat | 3.59 up | 0.00 | 1627647_at CG3940 | 3.53 up | 0.01 |
| 1640734_a_a CG16718 | 3.11 up | 0.00 | 1638217_at CG10166 | 2.39 up | 0.00 | 1631688_at mal | 2.43 up | 0.00 |
| 1625344_at fu12 | 3.11 up | 0.01 | 1636123_at CG7870 | 2.15 up | 0.01 | 1624873_at kar | 2.23 up | 0.00 |
| 1632639_at CG13941 | 3.11 up | 0.00 | 1623521_at CG11909 | 4.55 up | 0.02 | 1637980_at awd | 3.23 up | 0.00 |
| 1628705_at PH4alphaEF | 3.10 up | 0.00 | 1636255_s_a CG7997 | 5.06 up | 0.00 | 1636766_at Ent2 | 2.85 up | 0.00 |
| 1629229_a_a srp | 3.06 up | 0.02 | 1632317_at CG3036 | 2.67 up | 0.01 | 1628101_s_a CG32581 /// | 2.70 up | 0.00 |
| 1627423_at CG6178 | 3.06 up | 0.01 | 1633803_at Pgm | 2.61 up | 0.03 | 1624195_at sug | 2.77 up | 0.05 |
| 1632345_at CG8353 | 3.03 up | 0.00 | 1638994_at CG10627 | 2.02 up | 0.02 | 1639550_a_a CG9650 /// 1 | 10.29 up | 0.00 |
| 1623486_at CG7900 | 3.03 up | 0.00 | 1629973_at CG6218 | 1.99 up | 0.03 | 1628813_at CG31381 | 2.01 up | 0.00 |
| 1629609_at GRHR | 3.03 up | 0.01 | 1624517_at Ect3 | 7.07 up | 0.01 | 1630986_s_a Adk3 | 3.11 up | 0.00 |
| 1626503_at CG2254 /// 1 | 3.02 up | 0.06 | 1630993_at CG31414 | 3.81 up | 0.06 | 1639482_a_a CG32549 /// | 2.85 up | 0.00 |
| 1637154_at CG7470 | 3.02 up | 0.10 | 1638409_at CG12030 | 3.36 up | 0.02 | 1632098_at CG4364 | 2.80 up | 0.00 |
| 1633778_at gb | 3.02 up | 0.00 | 1641647_at CG9232 | 2.73 up | 0.00 | 1626557_at NitFhit | 2.32 up | 0.00 |
| 1624070_at RpS9 | 3.01 up | 0.00 | 1637872_at Spat | 3.37 up | 0.03 | 1625297_at CG8128 /// 1 | 2.87 up | 0.00 |
| 1639217_s_a brat | 3.01 up | 0.02 | 1636681_at CG14621 | 2.23 up | 0.01 | 1640118_at CG5757 | 2.20 up | 0.00 |
| 1626366_at ppl | 3.01 up | 0.00 | 1638295_s_a CG1129 | 2.49 up | 0.06 | 1629772_at CG9541 | 7.55 up | 0.00 |
| 1633053_at IM1 | 3.00 up | 0.09 | 1635093_a_a CG32369 | 2.49 up | 0.02 | 1639002_s_a CG14801 | 3.07 up | 0.00 |
| 1633905_at RpL28 | 3.00 up | 0.00 | 1633834_at CG9701 | 11.36 up | 0.00 | 1625758_s_a pit | 2.19 up | 0.00 |
| 1639002_s_a CG14801 | 3.00 up | 0.03 | 1625550_at CR33294 | 2.97 up | 0.01 | 1631519_at CG9143 /// 1 | 2.04 up | 0.02 |
| 1640716_at CG14810 | 3.00 up | 0.04 | 1641066_s_a fbp | 2.70 up | 0.00 | 1638146_at Rtc1 | 2.80 up | 0.00 |
| 1634341_a_a CG6129 | 2.96 up | 0.03 | 1636740_at Fdh | 2.22 up | 0.02 | 1637254_at spdo | 2.07 up | 0.00 |
| 1635987_at CG12116 | 2.95 up | 0.00 | 1623900_a_a CG14935 | 2.15 up | 0.06 | 1623877_a_a elB | 2.36 up | 0.00 |
| 1640537_a_a CG8234 | 2.95 up | 0.00 | 1641025_at CG11134 | 2.09 up | 0.01 | 1636546_s_a CG1640 | 2.08 up | 0.00 |
| 1633224_at CG9631 | 2.94 up | 0.01 | 1636679_at Mrtf | 2.37 up | 0.09 | 1623486_at CG7900 | 5.78 up | 0.00 |
| 1640360_at IM2 | 2.93 up | 0.01 | 1628616_at CG8419 | 8.88 up | 0.01 | 1637576_s_a CG8839 | 2.28 up | 0.00 |
| 1630065_at CG6912 | 2.93 up | 0.00 | 1637548_at arg | 3.42 up | 0.08 | 1640440_at Dms | 6.50 up | 0.07 |
| 1627138_at CG4271 | 2.92 up | 0.00 | 1640488_a_a CG9510 | 2.91 up | 0.04 | 1635576_at Nplp2 | 3.11 up | 0.00 |
| 1629469_s_a CG10960 /// | 2.91 up | 0.01 | 1627768_at CG12384 /// 1 | 2.11 up | 0.10 | 1636905_at lea | 2.84 up | 0.00 |
| 1637056_s_a CG11200 | 2.91 up | 0.00 | 1631062_at CG2023 | 2.05 up | 0.01 | 1626522_at Caf1 | 2.35 up | 0.00 |
| 1626248_at CG18547 | 2.90 up | 0.00 | 1639235_at trn | 2.61 up | 0.08 | 1623957_s_a GstS1 | 3.62 up | 0.00 |

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|-------------|--------------|------|----|------|-------------|-----------|-------|----|------|-------------|--------------|-------|----|------|
| 1627837_at | CG5527 | 2.88 | up | 0.01 | 1640501_at | CG3829 | 3.10 | up | 0.02 | 1626452_at | CG2121 | 9.02 | up | 0.00 |
| 1623687_at | CG15199 | 2.88 | up | 0.00 | 1638327_a_a | CG17754 | 2.20 | up | 0.07 | 1641143_s_a | tsl | 2.72 | up | 0.00 |
| 1634633_s_a | --- | 2.88 | up | 0.04 | 1628947_s_a | mnd | 3.08 | up | 0.01 | 1632734_s_a | bnb | 2.01 | up | 0.01 |
| 1625265_at | CG9119 | 2.88 | up | 0.01 | 1627343_a_a | CG5535 | 2.83 | up | 0.02 | 1635954_at | lva | 2.13 | up | 0.00 |
| 1633076_at | CG15092 /// | 2.88 | up | 0.00 | 1627578_s_a | CG7255 | 4.34 | up | 0.00 | 1641430_at | Rrp4 | 2.03 | up | 0.00 |
| 1638324_s_a | CG6921 /// 1 | 2.88 | up | 0.01 | 1634383_a_a | JhI-21 | 2.48 | up | 0.02 | 1631256_at | Upf2 | 2.17 | up | 0.00 |
| 1641428_at | Cyp9c1 | 2.87 | up | 0.00 | 1624185_at | CG1041 | 2.38 | up | 0.03 | 1623513_at | Upf1 | 2.55 | up | 0.00 |
| 1638885_at | --- | 2.86 | up | 0.01 | 1628611_at | CG11241 | 4.94 | up | 0.01 | 1640670_at | btl | 6.82 | up | 0.00 |
| 1630404_at | CG34112 | 2.86 | up | 0.01 | 1623961_at | Arpc3B | 2.64 | up | 0.03 | 1624586_a_a | Prat2 | 7.49 | up | 0.00 |
| 1624656_s_a | CG4293 | 2.86 | up | 0.00 | 1629174_at | CG30264 | 27.19 | up | 0.01 | 1641681_s_a | CG5288 /// 1 | 3.05 | up | 0.00 |
| 1636257_at | CG10688 | 2.84 | up | 0.00 | 1632865_s_a | CG12974 | 15.45 | up | 0.00 | 1635870_at | CG1628 | 3.43 | up | 0.00 |
| 1625886_s_a | CG34028 | 2.83 | up | 0.03 | 1636840_at | CBP | 14.37 | up | 0.00 | 1630668_a_a | jagn | 2.19 | up | 0.00 |
| 1629963_at | sut1 | 2.82 | up | 0.01 | 1629399_at | CG30282 | 12.90 | up | 0.02 | 1631412_at | Pat1 | 2.29 | up | 0.00 |
| 1639498_a_a | ap | 2.82 | up | 0.03 | 1628822_at | CG30271 | 12.53 | up | 0.01 | 1628019_a_a | spas | 2.47 | up | 0.00 |
| 1637517_s_a | KrT95D | 2.82 | up | 0.03 | 1628826_at | --- | 12.30 | up | 0.01 | 1635185_at | CG7560 | 5.89 | up | 0.00 |
| 1635282_at | CG7142 | 2.82 | up | 0.03 | 1638462_at | CG18088 | 11.64 | up | 0.04 | 1626473_a_a | fon | 3.53 | up | 0.00 |
| 1641714_at | CG12338 /// | 2.81 | up | 0.01 | 1640217_at | CG30154 | 11.33 | up | 0.00 | 1635088_at | CG1444 | 3.20 | up | 0.00 |
| 1639374_s_a | Amy-d /// A1 | 2.80 | up | 0.10 | 1626891_at | CG15414 | 9.55 | up | 0.00 | 1629716_a_a | CG13284 | 2.69 | up | 0.00 |
| 1623960_s_a | --- | 2.80 | up | 0.00 | 1635519_at | CG13950 | 8.77 | up | 0.00 | 1636257_at | CG10688 | 2.56 | up | 0.00 |
| 1630067_a_a | TepII | 2.78 | up | 0.02 | 1637644_at | CG13813 | 8.15 | up | 0.01 | 1633770_at | CG11967 | 3.26 | up | 0.00 |
| 1638496_at | --- | 2.78 | up | 0.00 | 1631322_at | --- | 7.60 | up | 0.00 | 1623770_at | CG1673 /// 1 | 10.19 | up | 0.00 |
| 1626164_at | CG31380 | 2.77 | up | 0.01 | 1636629_at | CG13792 | 7.56 | up | 0.00 | 1637971_a_a | CG8129 | 4.51 | up | 0.00 |
| 1630830_a_a | SpdS | 2.77 | up | 0.00 | AFFX-Dros-1 | --- | 7.34 | up | 0.06 | 1628771_s_a | CG32700 /// | 75.94 | up | 0.00 |
| 1628435_at | sqd | 2.76 | up | 0.01 | 1639538_at | --- | 7.30 | up | 0.00 | 1641038_at | CG10650 | 26.44 | up | 0.00 |
| 1639419_at | CG8860 | 2.76 | up | 0.00 | 1626901_at | CG15890 | 7.21 | up | 0.02 | 1629853_at | CG3699 | 14.13 | up | 0.00 |
| 1624802_at | CG31686 | 2.75 | up | 0.00 | 1640716_at | CG14810 | 6.05 | up | 0.02 | 1628935_at | CG10962 | 6.65 | up | 0.00 |
| 1633545_at | PGRP-SD | 2.75 | up | 0.02 | AFFX-Dros-1 | --- | 5.93 | up | 0.02 | 1622908_a_a | CG10962 | 6.21 | up | 0.00 |
| 1636932_at | CG9886 | 2.74 | up | 0.00 | 1623744_at | CG30411 | 5.90 | up | 0.00 | 1624310_s_a | CG4753 | 5.62 | up | 0.00 |
| 1640714_at | CG1979 | 2.74 | up | 0.05 | 1626248_at | CG18547 | 5.78 | up | 0.00 | 1635987_at | CG12116 | 4.15 | up | 0.00 |
| 1626901_at | CG15890 | 2.73 | up | 0.01 | 1633695_at | --- | 5.60 | up | 0.00 | 1637778_a_a | CG1969 | 3.65 | up | 0.00 |
| 1634756_at | nAcRalpha-1 | 2.73 | up | 0.00 | 1638437_at | CR14638 | 5.44 | up | 0.00 | 1641722_at | Reg-2 | 3.32 | up | 0.00 |
| 1636132_at | --- | 2.72 | up | 0.05 | 1630831_at | CG7695 | 5.21 | up | 0.01 | 1636543_a_a | CG1969 | 3.10 | up | 0.00 |
| 1623405_at | pav | 2.72 | up | 0.00 | AFFX-Dros-1 | --- | 5.11 | up | 0.00 | 1623020_at | CG31937 | 2.92 | up | 0.00 |
| 1628884_at | PGRP-SA | 2.72 | up | 0.01 | 1639101_at | CG9837 | 5.05 | up | 0.01 | 1640429_a_a | CG6145 | 2.53 | up | 0.00 |
| 1626759_at | CG34136 | 2.71 | up | 0.01 | 1627653_at | l(1)G0469 | 4.92 | up | 0.00 | 1627581_at | CG8080 | 2.45 | up | 0.00 |
| 1629496_at | l(3)L1231 | 2.71 | up | 0.04 | 1636170_at | CG13607 | 4.86 | up | 0.02 | 1631399_a_a | CG15771 | 2.41 | up | 0.00 |
| 1628385_a_a | Mef2 | 2.71 | up | 0.04 | 1624851_at | DsimCG326 | 4.84 | up | 0.01 | 1630701_at | CG10778 | 2.34 | up | 0.00 |
| 1641267_at | r | 2.71 | up | 0.00 | 1630660_at | CG14033 | 4.68 | up | 0.00 | 1632085_at | CG30095 | 2.20 | up | 0.03 |
| 1634002_at | CG13315 /// | 2.70 | up | 0.02 | 1632836_at | --- | 4.62 | up | 0.00 | 1637056_s_a | CG11200 | 2.19 | up | 0.02 |
| 1633463_s_a | CG30463 | 2.70 | up | 0.01 | 1622937_at | CG13698 | 4.56 | up | 0.01 | 1629005_a_a | CG3209 | 2.05 | up | 0.00 |
| 1629778_s_a | CG5130 | 2.68 | up | 0.01 | 1634106_at | CG11686 | 4.56 | up | 0.00 | 1627719_at | gol | 2.46 | up | 0.00 |
| 1630609_s_a | CG2225 | 2.68 | up | 0.05 | 1630696_at | CG12972 | 4.56 | up | 0.00 | 1627595_at | CG11314 | 7.32 | up | 0.00 |
| 1628599_at | Psf2 | 2.68 | up | 0.00 | 1631770_at | Tango13 | 4.55 | up | 0.00 | 1629549_s_a | CG40190 /// | 2.12 | up | 0.00 |

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|-------------|-------------|---------|------|-------------|-------------|---------|------|-------------|-------------|----------|------|
| 1633796_at | CG11425 | 2.67 up | 0.05 | 1625671_at | --- | 4.53 up | 0.01 | 1639526_a_a | Mekk1 | 2.22 up | 0.00 |
| 1628947_s_a | mnd | 2.67 up | 0.00 | 1633672_at | CG12992 | 4.34 up | 0.03 | 1633923_at | CG1749 | 2.64 up | 0.00 |
| 1637798_at | CG15717 | 2.65 up | 0.00 | 1633801_s_a | CG9171 | 4.25 up | 0.01 | 1625613_at | CG11899 /// | 2.07 up | 0.00 |
| 1635487_at | CG3534 | 2.65 up | 0.00 | 1627236_s_a | --- | 4.25 up | 0.05 | 1638325_at | Hn | 5.89 up | 0.00 |
| 1636337_s_a | pgant6 | 2.65 up | 0.00 | 1637561_at | lectin-33A | 4.20 up | 0.02 | 1627423_at | CG6178 | 2.22 up | 0.00 |
| 1631452_at | CG8665 | 2.64 up | 0.00 | 1637435_at | kek4 | 4.19 up | 0.00 | 1628049_at | CG15828 | 5.31 up | 0.00 |
| 1638195_at | lwf | 2.64 up | 0.05 | 1624200_at | CG8679 | 4.17 up | 0.00 | 1635744_at | CG9342 /// | 4.27 up | 0.00 |
| 1624199_at | NPFR76F | 2.64 up | 0.07 | 1632606_a_a | CG33169 | 4.11 up | 0.00 | 1629413_at | CG12703 | 2.45 up | 0.00 |
| 1628474_at | CG16712 | 2.63 up | 0.01 | 1640590_at | CG32195 | 4.09 up | 0.00 | 1627658_s_a | CG4995 | 6.70 up | 0.00 |
| 1625133_at | CG14131 | 2.63 up | 0.00 | 1634036_at | CG8788 | 4.02 up | 0.00 | 1630593_at | NLaz | 2.84 up | 0.00 |
| 1624454_at | CG10361 | 2.63 up | 0.00 | 1631225_at | CG8317 | 4.02 up | 0.03 | 1628398_at | CG5853 | 4.73 up | 0.00 |
| 1629375_at | CG11400 | 2.62 up | 0.00 | 1637797_at | CG14400 | 3.98 up | 0.08 | 1634296_s_a | CG17646 | 2.26 up | 0.00 |
| 1635165_a_a | CG12090 /// | 2.61 up | 0.08 | 1625583_at | CG16926 | 3.92 up | 0.00 | 1636816_s_a | CG33090 | 3.40 up | 0.00 |
| 1639215_at | Csat | 2.61 up | 0.01 | 1639359_at | CG31974 | 3.88 up | 0.01 | 1635757_at | laza | 8.23 up | 0.00 |
| 1641025_at | CG11134 | 2.60 up | 0.00 | 1640321_at | CG1347 | 3.86 up | 0.00 | 1631419_at | Yp3 | 2.69 up | 0.00 |
| 1628194_at | CG2918 | 2.59 up | 0.00 | 1635862_at | CG33120 | 3.85 up | 0.03 | 1623655_at | Yp2 | 2.52 up | 0.00 |
| 1630561_at | CG13641 | 2.59 up | 0.05 | 1641489_at | CG33169 | 3.83 up | 0.00 | 1632452_at | CG18258 | 2.42 up | 0.02 |
| 1640590_at | CG32195 | 2.59 up | 0.00 | 1635886_s_a | --- | 3.81 up | 0.03 | 1634257_at | CG5162 | 3.31 up | 0.00 |
| 1631087_a_a | CG9809 | 2.58 up | 0.03 | 1630797_at | CG32582 | 3.79 up | 0.00 | 1636791_s_a | CG6718 | 2.16 up | 0.00 |
| 1633769_at | CG4613 | 2.58 up | 0.02 | 1630835_a_a | CG8079 | 3.79 up | 0.02 | 1628240_at | CG4825 | 2.95 up | 0.01 |
| 1629118_at | PGRP-SC2 | 2.56 up | 0.03 | 1626144_at | CG7763 | 3.72 up | 0.04 | 1623769_at | CG7322 | 4.73 up | 0.00 |
| 1630950_at | nop5 | 2.55 up | 0.02 | 1639111_at | CG15362 | 3.71 up | 0.01 | 1633503_at | CG12171 | 2.72 up | 0.00 |
| 1636750_s_a | CG13737 | 2.55 up | 0.02 | 1636947_at | CG9598 | 3.70 up | 0.03 | 1627287_at | CG5966 | 4.02 up | 0.00 |
| 1636215_at | --- | 2.55 up | 0.03 | 1627152_at | CG12918 | 3.64 up | 0.01 | 1627854_at | CG9914 | 5.89 up | 0.00 |
| 1635713_at | CG13185 | 2.55 up | 0.02 | 1624395_at | CG31102 | 3.58 up | 0.01 | 1638324_s_a | CG6921 /// | 4.98 up | 0.00 |
| 1632019_s_a | CG9008 | 2.55 up | 0.00 | 1627516_at | CG6834 | 3.57 up | 0.00 | 1640006_at | CG18609 /// | 4.70 up | 0.00 |
| 1635729_a_a | Ptp61F | 2.54 up | 0.02 | 1624802_at | CG31686 | 3.57 up | 0.01 | 1637754_at | CG9458 | 3.18 up | 0.06 |
| 1640775_a_a | Nmdmc | 2.54 up | 0.00 | 1634341_a_a | CG6129 | 3.48 up | 0.01 | 1633675_at | CG30008 | 3.11 up | 0.09 |
| 1627354_at | CG11779 /// | 2.54 up | 0.01 | 1637422_at | CG3246 | 3.46 up | 0.02 | 1628213_s_a | --- | 2.02 up | 0.00 |
| 1640821_at | --- | 2.54 up | 0.06 | 1640739_at | CG30263 | 3.37 up | 0.06 | 1629969_at | CG11426 | 13.17 up | 0.00 |
| 1625257_s_a | CG31523 | 2.54 up | 0.01 | 1634152_at | GstD5 | 3.32 up | 0.03 | 1633796_at | CG11425 | 3.20 up | 0.09 |
| 1622908_a_a | CG10962 | 2.53 up | 0.01 | 1635086_at | CG4666 /// | 3.32 up | 0.08 | 1624505_at | CG6113 | 4.22 up | 0.00 |
| 1637255_a_a | alpha-Est7 | 2.52 up | 0.03 | 1635548_s_a | CG15281 | 3.29 up | 0.03 | 1631173_at | dob | 3.32 up | 0.00 |
| 1628536_s_a | CG11880 | 2.52 up | 0.01 | 1637798_at | CG15717 | 3.26 up | 0.02 | 1631781_at | CG18530 | 2.74 up | 0.05 |
| 1639819_at | CG6385 | 2.52 up | 0.01 | 1630766_at | CG13800 | 3.22 up | 0.00 | 1640207_at | CG3635 | 2.37 up | 0.00 |
| 1633803_at | Pgm | 2.51 up | 0.00 | 1632984_s_a | CG6503 /// | 3.20 up | 0.06 | 1635616_a_a | CG2118 | 2.33 up | 0.01 |
| 1625550_at | CR33294 | 2.51 up | 0.00 | 1623126_at | CG13912 | 3.19 up | 0.01 | 1637833_at | Jhe | 3.93 up | 0.02 |
| 1634130_a_a | CG6767 | 2.50 up | 0.01 | 1638472_at | Cpr62Bb | 3.15 up | 0.04 | 1625587_at | Jheh3 | 75.11 up | 0.00 |
| 1639482_a_a | CG32549 /// | 2.50 up | 0.00 | 1633826_at | Iris | 3.14 up | 0.03 | 1639442_a_a | Tsf1 | 4.46 up | 0.00 |
| 1623761_at | CG15347 /// | 2.50 up | 0.01 | 1637367_at | CG10799 /// | 3.11 up | 0.07 | 1632430_at | Tsf1 | 2.49 up | 0.01 |
| 1628363_at | inx3 | 2.49 up | 0.00 | 1638885_at | --- | 3.11 up | 0.00 | 1632129_a_a | syd | 2.80 up | 0.00 |
| 1633672_at | CG12992 | 2.49 up | 0.01 | 1625336_s_a | --- | 3.08 up | 0.06 | 1629784_a_a | Myo28B1 | 3.43 up | 0.00 |
| 1635709_at | CG7359 | 2.48 up | 0.00 | 1629396_a_a | CG8486 | 3.08 up | 0.01 | 1631085_a_a | Myo28B1 | 2.04 up | 0.00 |

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|-------------------------|---------|------|--------------------------|---------|------|-------------------------|----------|------|
| 1635125_a_a CG6206 | 2.48 up | 0.00 | 1634697_at CG32667 | 3.05 up | 0.06 | 1640293_s_a CG6838 | 2.83 up | 0.00 |
| 1633021_s_a Spn | 2.47 up | 0.05 | 1622946_at CG6908 | 3.04 up | 0.00 | 1641630_at Gap69C | 2.43 up | 0.00 |
| 1626965_at CG31743 | 2.47 up | 0.01 | 1641650_at alpha-Est5 | 3.04 up | 0.01 | 1632991_at CG1418 /// 1 | 2.97 up | 0.00 |
| 1625685_at --- | 2.46 up | 0.05 | 1641434_at CG32695 | 3.02 up | 0.08 | 1637556_at CG11857 | 2.41 up | 0.00 |
| 1624617_at CG1665 | 2.46 up | 0.00 | 1630173_a_a CG15745 | 3.00 up | 0.01 | 1622968_at p115 | 2.46 up | 0.00 |
| 1631688_at mal | 2.46 up | 0.01 | 1633196_at alpha-Est2 | 2.99 up | 0.08 | 1639361_a_a garz | 6.16 up | 0.00 |
| 1635502_at CG8311 | 2.45 up | 0.01 | 1638165_s_a --- | 2.99 up | 0.10 | 1626339_at garz | 2.16 up | 0.00 |
| 1629932_at yellow-d2 | 2.45 up | 0.01 | 1633576_s_a CG1910 | 2.97 up | 0.00 | 1628938_at CG10882 | 2.80 up | 0.00 |
| 1636733_at CG32135 | 2.45 up | 0.06 | 1635989_at Os9 | 2.94 up | 0.02 | 1641182_at CG31064 | 2.21 up | 0.00 |
| 1635330_at CG5428 | 2.45 up | 0.01 | 1639341_at CG14971 | 2.93 up | 0.01 | 1636242_at Ilp6 | 3.20 up | 0.00 |
| 1623655_at Yp2 | 2.45 up | 0.02 | 1624656_s_a CG4293 | 2.93 up | 0.01 | 1640256_at bel | 2.14 up | 0.00 |
| 1624164_s_a GlcAT-P | 2.45 up | 0.02 | 1633208_at --- | 2.87 up | 0.06 | 1634104_a_a Top1 | 2.16 up | 0.00 |
| 1641143_s_a tsl | 2.44 up | 0.00 | 1626204_at --- | 2.87 up | 0.03 | 1640509_s_a lama | 2.13 up | 0.01 |
| 1631774_at Cpr66Cb | 2.44 up | 0.04 | 1623669_at CG16836 | 2.87 up | 0.09 | 1631965_at CG8005 | 2.44 up | 0.00 |
| 1635663_at CG8320 | 2.43 up | 0.01 | 1641367_at --- | 2.86 up | 0.07 | 1637444_s_a pug | 5.57 up | 0.00 |
| 1623102_at Gip | 2.43 up | 0.02 | 1630088_at CG16743 /// | 2.85 up | 0.00 | 1624153_at Tina-1 | 2.50 up | 0.00 |
| 1634910_at CG15803 | 2.43 up | 0.05 | 1636910_at CG13704 | 2.83 up | 0.03 | 1627096_s_a Tkr | 7.48 up | 0.00 |
| 1630417_at Spn | 2.42 up | 0.06 | 1640505_at CG34020 | 2.79 up | 0.02 | 1641693_s_a CG32158 | 7.18 up | 0.00 |
| 1641489_at CG33169 | 2.42 up | 0.00 | 1633857_at CG13659 | 2.77 up | 0.03 | 1624636_at ACXD | 3.07 up | 0.00 |
| 1630859_s_a Chro | 2.42 up | 0.01 | 1634792_s_a CG17838 | 2.71 up | 0.02 | 1631100_at Lkr | 2.97 up | 0.00 |
| 1640549_at Tal | 2.42 up | 0.00 | 1641711_at CG13360 | 2.71 up | 0.01 | 1624199_at NPFR76F | 2.78 up | 0.00 |
| 1632548_a_a Mes2 | 2.41 up | 0.05 | 1633067_at CG34376 | 2.70 up | 0.10 | 1634561_s_a Tango5 | 3.05 up | 0.00 |
| 1629172_s_a rk | 2.41 up | 0.03 | 1630683_at Patr-1 | 2.69 up | 0.01 | 1634314_s_a Idh | 2.24 up | 0.00 |
| 1628937_s_a rin | 2.41 up | 0.05 | 1640532_at CG30356 | 2.68 up | 0.04 | 1629352_at sgl | 3.02 up | 0.00 |
| 1641380_a_a tara | 2.41 up | 0.06 | 1632087_at CG9928 | 2.68 up | 0.05 | 1641199_a_a CG1544 | 3.50 up | 0.00 |
| 1640241_at Tudor-SN | 2.41 up | 0.00 | 1623401_a_a CG8092 | 2.66 up | 0.00 | 1624405_a_a CG7059 | 4.25 up | 0.00 |
| 1638438_a_a Ptp61F | 2.40 up | 0.00 | 1629868_s_a CG3838 | 2.63 up | 0.00 | 1630147_at Hex-C | 6.96 up | 0.00 |
| 1624466_a_a CG15117 | 2.40 up | 0.01 | 1626350_at alpha-Est10 | 2.63 up | 0.02 | 1638121_at CG9961 | 2.32 up | 0.00 |
| 1623516_s_a Ent1 | 2.40 up | 0.00 | 1629046_a_a CG4716 /// 1 | 2.61 up | 0.03 | 1630187_a_a CG6299 | 2.48 up | 0.00 |
| 1632606_a_a CG33169 | 2.39 up | 0.00 | 1625837_at CG17244 /// | 2.60 up | 0.07 | 1630044_s_a CG6904 | 2.11 up | 0.00 |
| 1627315_s_a Pld | 2.38 up | 0.00 | 1628710_at Grasp65 | 2.59 up | 0.01 | 1623839_at CG6415 | 12.60 up | 0.00 |
| 1629215_at Kua | 2.38 up | 0.02 | 1623960_s_a --- | 2.58 up | 0.04 | 1626366_at ppl | 2.76 up | 0.00 |
| 1638100_s_a Ptpmeg | 2.38 up | 0.01 | 1625503_at CG32425 | 2.55 up | 0.00 | 1633227_s_a CG14945 | 2.39 up | 0.00 |
| 1639554_at Nop60B | 2.38 up | 0.02 | 1624481_a_a CG31534 | 2.54 up | 0.00 | 1631474_s_a l(2)k05713 | 2.46 up | 0.00 |
| 1635593_at Cyp6d2 | 2.38 up | 0.00 | 1625571_at CG5385 | 2.54 up | 0.01 | 1634658_a_a nemy | 4.24 up | 0.00 |
| 1626218_s_a oaf | 2.36 up | 0.02 | 1630332_at CG3652 | 2.52 up | 0.00 | AFFX-Dros-C --- | 2.98 up | 0.00 |
| 1630797_at CG32582 | 2.36 up | 0.02 | 1630404_at CG34112 | 2.49 up | 0.02 | 1633599_a_a Pepck | 4.64 up | 0.00 |
| 1639489_at CG3700 /// 1 | 2.36 up | 0.00 | 1625058_at yellow-d | 2.49 up | 0.05 | 1628521_at Gmd | 2.42 up | 0.00 |
| 1639785_s_a dpld | 2.35 up | 0.05 | 1634960_at CG14375 | 2.47 up | 0.02 | 1633948_a_a Egfr | 3.80 up | 0.00 |
| 1640473_at CG34120 | 2.34 up | 0.09 | 1630913_at --- | 2.45 up | 0.04 | 1633454_s_a Pfrx | 3.23 up | 0.00 |
| 1631523_at CG10824 | 2.33 up | 0.09 | 1624692_at CG6830 | 2.44 up | 0.09 | 1632197_at eIF-2alpha | 3.14 up | 0.00 |
| 1626373_at CG32833 | 2.33 up | 0.02 | 1629625_at CG13211 | 2.44 up | 0.00 | 1640379_s_a CG11079 /// | 3.49 up | 0.00 |
| 1640217_at CG30154 | 2.32 up | 0.01 | 1633983_a_a CG32046 | 2.44 up | 0.00 | 1634720_at CG11151 /// | 2.05 up | 0.00 |

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|-------------|-----------|------|----|------|-------------|-------------|------|----|------|-------------|-------------|-------|----|------|
| 1635576_at | Nplp2 | 2.32 | up | 0.00 | 1633076_at | CG15092 /// | 2.43 | up | 0.06 | 1623692_s_a | rho-4 | 2.24 | up | 0.01 |
| 1635886_s_a | --- | 2.31 | up | 0.02 | 1629932_at | yellow-d2 | 2.43 | up | 0.00 | 1641148_a_a | AcCoAS | 3.41 | up | 0.00 |
| 1639469_a_a | Pu | 2.31 | up | 0.02 | 1627741_at | CG13086 | 2.43 | up | 0.07 | 1629939_a_a | CG1140 | 3.66 | up | 0.00 |
| 1639682_at | --- | 2.30 | up | 0.03 | 1636544_at | CG7011 | 2.42 | up | 0.01 | 1634048_a_a | bgm | 5.00 | up | 0.00 |
| 1637843_at | RfaBp | 2.30 | up | 0.01 | 1623666_at | CG10516 | 2.41 | up | 0.02 | 1625795_a_a | CG3394 | 2.59 | up | 0.00 |
| 1625889_at | RpL3 | 2.30 | up | 0.01 | 1624409_a_a | CG11315 | 2.40 | up | 0.04 | 1623363_at | CG6432 | 2.55 | up | 0.09 |
| 1631222_at | pdm3 | 2.30 | up | 0.09 | 1624579_at | Cpr62Ba | 2.40 | up | 0.01 | 1636923_a_a | CG11198 | 3.68 | up | 0.00 |
| 1641293_at | ire-1 | 2.30 | up | 0.01 | 1640734_a_a | CG16718 | 2.38 | up | 0.01 | 1633677_at | eap | 2.55 | up | 0.00 |
| 1639410_at | ARP-like | 2.29 | up | 0.00 | 1630333_at | Cpr50Ca | 2.37 | up | 0.04 | 1632623_at | Cyt-b5-r | 7.05 | up | 0.00 |
| 1634935_a_a | CG1648 | 2.29 | up | 0.00 | 1635688_at | CG15210 | 2.35 | up | 0.06 | 1640466_s_a | CG6543 /// | 2.84 | up | 0.00 |
| 1626110_a_a | CG9053 | 2.28 | up | 0.00 | 1625720_at | CG12259 | 2.31 | up | 0.05 | 1628744_s_a | CG17597 /// | 2.61 | up | 0.00 |
| 1634773_at | SsRbeta | 2.28 | up | 0.00 | 1641364_at | CG8949 | 2.31 | up | 0.06 | 1636180_at | yip2 | 2.64 | up | 0.00 |
| 1640118_at | CG5757 | 2.28 | up | 0.02 | 1632185_s_a | scpr-A /// | 2.31 | up | 0.00 | 1636091_at | fj | 2.07 | up | 0.00 |
| 1626052_at | MP1 | 2.28 | up | 0.01 | 1638675_at | CG10680 | 2.31 | up | 0.04 | 1633277_at | RpL40 | 2.23 | up | 0.00 |
| 1631419_at | Yp3 | 2.28 | up | 0.02 | 1625833_at | CG9896 | 2.30 | up | 0.09 | 1630859_s_a | Chro | 2.72 | up | 0.00 |
| 1632772_at | CG15203 | 2.28 | up | 0.00 | 1623813_at | CG33307 | 2.30 | up | 0.07 | 1632548_a_a | Mes2 | 2.27 | up | 0.00 |
| 1627719_at | gol | 2.27 | up | 0.01 | 1637125_at | CG2004 | 2.28 | up | 0.00 | 1629229_a_a | srp | 2.83 | up | 0.00 |
| 1637479_at | pn | 2.27 | up | 0.00 | 1630844_at | CG15293 | 2.28 | up | 0.04 | 1628779_a_a | svp | 2.66 | up | 0.00 |
| 1627293_at | CG14439 | 2.27 | up | 0.00 | 1639410_at | ARP-like | 2.27 | up | 0.04 | 1626594_s_a | svp | 2.18 | up | 0.04 |
| 1640574_at | hoip | 2.26 | up | 0.05 | 1641408_at | --- | 2.26 | up | 0.05 | 1626401_at | Cyp6a2 | 2.94 | up | 0.00 |
| 1625572_s_a | Dbi | 2.26 | up | 0.00 | 1629479_a_a | fok | 2.26 | up | 0.00 | 1632451_at | Cyp304a1 | 5.47 | up | 0.02 |
| 1640478_at | CG31777 | 2.26 | up | 0.02 | 1641685_at | CG6311 | 2.25 | up | 0.10 | 1623866_at | Cyp4ac2 | 3.67 | up | 0.00 |
| 1634707_s_a | Gfat1 | 2.26 | up | 0.00 | 1624819_s_a | --- | 2.24 | up | 0.05 | 1628584_at | Cyp305a1 | 26.19 | up | 0.00 |
| 1630170_at | Cyp12b2 | 2.26 | up | 0.00 | 1632558_at | --- | 2.23 | up | 0.01 | 1629324_at | CG6870 | 9.51 | up | 0.00 |
| 1636528_at | Gp93 | 2.25 | up | 0.01 | 1641741_a_a | CG14823 | 2.23 | up | 0.09 | 1639901_a_a | Cyp49a1 | 7.62 | up | 0.00 |
| 1636816_s_a | CG33090 | 2.25 | up | 0.02 | 1629791_at | CG17271 | 2.20 | up | 0.02 | 1634664_at | Cyp309a2 | 6.10 | up | 0.00 |
| 1634113_at | gk | 2.25 | up | 0.03 | 1634124_at | CG30428 | 2.20 | up | 0.02 | 1635593_at | Cyp6d2 | 5.08 | up | 0.00 |
| 1628075_at | olf186-M | 2.25 | up | 0.00 | 1628942_at | CG15385 | 2.19 | up | 0.01 | 1634261_at | Cyp312a1 | 4.54 | up | 0.00 |
| 1634188_a_a | tim | 2.25 | up | 0.01 | 1623687_at | CG15199 | 2.18 | up | 0.07 | 1634623_a_a | Cyp6a14 | 3.28 | up | 0.00 |
| 1633461_at | slik | 2.25 | up | 0.03 | 1638670_a_a | CG5484 | 2.16 | up | 0.05 | 1635110_at | Cyp6a13 | 2.16 | up | 0.00 |
| 1636747_at | CG8051 | 2.25 | up | 0.06 | 1622894_at | CG15120 | 2.15 | up | 0.03 | 1635450_a_a | smp-30 | 2.88 | up | 0.01 |
| 1624405_a_a | CG7059 | 2.24 | up | 0.00 | 1630348_a_a | CG5059 | 2.15 | up | 0.01 | 1625697_at | Cyp6g1 | 6.37 | up | 0.00 |
| 1630203_at | Edem2 | 2.24 | up | 0.08 | 1641642_at | CG6663 | 2.15 | up | 0.01 | 1632114_at | Cyp12a4 | 7.56 | up | 0.00 |
| 1628763_at | Ptpmeg | 2.24 | up | 0.05 | 1631205_a_a | DyakCG608 | 2.15 | up | 0.01 | 1627525_a_a | Ero1L | 2.36 | up | 0.00 |
| 1635390_s_a | CG9331 | 2.24 | up | 0.00 | 1632999_at | SIP3 | 2.14 | up | 0.03 | 1632834_a_a | zetaCOP | 2.04 | up | 0.00 |
| 1633695_at | --- | 2.23 | up | 0.01 | 1634788_at | CG4872 | 2.12 | up | 0.01 | 1626613_at | CG11236 /// | 10.83 | up | 0.00 |
| 1632999_at | SIP3 | 2.23 | up | 0.01 | 1641117_a_a | CG17600 | 2.12 | up | 0.04 | 1639152_at | Ptp52F | 18.31 | up | 0.00 |
| 1633550_a_a | Ubx | 2.23 | up | 0.10 | 1625814_at | CG8230 | 2.12 | up | 0.00 | 1631266_a_a | CG5840 | 3.62 | up | 0.00 |
| 1641148_a_a | AcCoAS | 2.22 | up | 0.00 | 1628254_at | CG31847 | 2.11 | up | 0.05 | 1634699_a_a | CG11919 /// | 9.27 | up | 0.00 |
| 1622909_at | Pi3K21B | 2.22 | up | 0.03 | 1639971_at | CG12224 | 2.10 | up | 0.05 | 1641293_at | ire-1 | 5.61 | up | 0.00 |
| 1629559_s_a | Atet | 2.22 | up | 0.00 | 1636316_a_a | CG1531 | 2.10 | up | 0.09 | 1628013_at | CG3597 | 9.28 | up | 0.00 |
| 1626724_at | CG32687 | 2.21 | up | 0.06 | 1636727_at | CG4768 | 2.10 | up | 0.02 | 1628271_at | CG3609 | 2.53 | up | 0.00 |
| 1640295_a_a | RhoGAP71H | 2.21 | up | 0.00 | 1638323_at | CG8116 | 2.09 | up | 0.01 | 1634640_at | Cyp4ac1 | 2.85 | up | 0.01 |

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|-------------|--------------|------|----|------|-------------|-------------|-------|------|------|-------------|-------------|-------|----|------|
| 1640635_a_a | ergic53 | 2.20 | up | 0.00 | 1634630_at | CG5707 | 2.09 | up | 0.09 | 1633476_at | Acox57D-d | 3.79 | up | 0.00 |
| 1633983_a_a | CG32046 | 2.20 | up | 0.01 | 1623761_at | CG15347 /// | 2.09 | up | 0.08 | 1634641_a_a | Cyt-b5 | 2.39 | up | 0.00 |
| 1631430_at | Cdc27 | 2.19 | up | 0.09 | 1631577_a_a | CG3760 /// | 2.08 | up | 0.02 | 1633401_s_a | Cyp12d1-d / | 11.02 | up | 0.00 |
| 1626148_at | CG32110 | 2.18 | up | 0.02 | 1639746_at | bip1 | 2.07 | up | 0.02 | 1639069_at | Cyp12d1-d | 7.34 | up | 0.00 |
| 1637650_at | CG4164 | 2.17 | up | 0.01 | 1628948_a_a | CG14408 /// | 2.07 | up | 0.04 | 1626324_at | Cyp309a1 | 2.71 | up | 0.05 |
| 1634383_a_a | JhI-21 | 2.17 | up | 0.00 | 1635538_at | CG11210 | 2.07 | up | 0.05 | 1639480_at | Cat | 2.39 | up | 0.00 |
| 1641265_at | tty | 2.17 | up | 0.06 | 1632275_a_a | CG8671 | 2.07 | up | 0.07 | 1625686_s_a | --- | 5.06 | up | 0.00 |
| 1637051_at | RhoGAP71H | 2.16 | up | 0.00 | 1627348_at | CG5285 | 2.06 | up | 0.01 | 1638582_at | CG5321 | 6.62 | up | 0.00 |
| 1633795_a_a | CG17124 | 2.16 | up | 0.03 | 1630113_at | CG10660 | 2.06 | up | 0.09 | 1625120_at | CG14630 /// | 2.82 | up | 0.00 |
| 1623374_a_a | Fim | 2.16 | up | 0.02 | 1638496_at | --- | 2.06 | up | 0.01 | 1638038_at | CG4335 | 7.63 | up | 0.00 |
| 1635409_at | RnrS | 2.16 | up | 0.01 | 1638669_at | CG11395 | 2.05 | up | 0.10 | 1639819_at | CG6385 | 4.36 | up | 0.00 |
| 1636841_at | CG12130 /// | 2.15 | up | 0.03 | 1627007_at | CG4306 | 2.05 | up | 0.10 | 1641714_at | CG12338 /// | 5.91 | up | 0.00 |
| 1633765_at | asparagine-s | 2.15 | up | 0.08 | 1640635_a_a | ergic53 | 2.04 | up | 0.07 | 1623787_at | CG7144 | 2.25 | up | 0.00 |
| 1626332_s_a | CG11486 | 2.15 | up | 0.02 | 1624222_s_a | CG15814 /// | 2.03 | up | 0.05 | 1635008_at | Cyp9b2 | 7.20 | up | 0.00 |
| 1632590_at | CG31320 | 2.15 | up | 0.01 | 1640351_s_a | CG4390 /// | 2.03 | up | 0.01 | 1626689_at | Cyp6t1 | 7.09 | up | 0.00 |
| 1623193_at | CG33123 | 2.15 | up | 0.00 | 1623809_s_a | CG1354 | 2.03 | up | 0.01 | 1634143_at | Cyp6w1 | 7.06 | up | 0.00 |
| 1638453_at | CG9849 /// | 2.15 | up | 0.00 | 1629905_s_a | --- | 2.03 | up | 0.08 | 1634939_at | CG13077 | 4.10 | up | 0.00 |
| 1623540_at | CG31704 | 2.15 | up | 0.01 | 1624617_at | CG1665 | 2.02 | up | 0.02 | 1641428_at | Cyp9c1 | 3.41 | up | 0.00 |
| 1628175_at | CG6325 | 2.15 | up | 0.02 | 1638796_at | CG6195 | 2.02 | up | 0.01 | 1629771_at | Cyp12a5 | 3.09 | up | 0.00 |
| 1624101_at | Cyp6a23 | 2.14 | up | 0.03 | 1637077_s_a | CG3777 /// | 2.02 | up | 0.08 | 1641552_at | Cyp4g1 | 2.64 | up | 0.05 |
| 1640084_a_a | CG8712 | 2.14 | up | 0.01 | 1637606_at | CG12795 | 2.02 | up | 0.02 | 1638739_at | Cyp4ac3 | 2.28 | up | 0.01 |
| 1639730_at | CG34054 | 2.14 | up | 0.04 | 1631779_s_a | ptr | 2.01 | up | 0.03 | 1634977_at | Tsp42Er | 2.40 | up | 0.01 |
| 1631513_at | CG30000 | 2.14 | up | 0.01 | 1627502_at | CG9304 | 2.00 | up | 0.01 | 1623484_at | vg | 65.62 | up | 0.00 |
| 1623352_at | CG7016 | 2.13 | up | 0.05 | 1624943_at | CG1636 | 2.00 | up | 0.07 | 1641470_s_a | vg | 14.74 | up | 0.00 |
| 1626606_at | CG10630 | 2.13 | up | 0.02 | 1625710_at | CG31717 | 2.00 | up | 0.05 | 1630792_at | rept | 2.43 | up | 0.00 |
| 1631621_s_a | egh | 2.12 | up | 0.01 | 1637438_at | Wnt2 | 5.47 | down | 0.01 | 1628719_at | cry | 2.31 | up | 0.00 |
| 1636331_at | Sox102F | 2.12 | up | 0.05 | 1639502_at | CG8942 | 21.38 | down | 0.00 | 1632577_a_a | Su(var)3-9 | 2.61 | up | 0.00 |
| 1637897_at | CycT | 2.12 | up | 0.02 | 1625611_at | CG33115 | 16.55 | down | 0.00 | 1626153_at | Su(var)3-9 | 2.12 | up | 0.01 |
| 1637097_at | CG7497 | 2.12 | up | 0.01 | 1627430_at | CG8888 | 24.33 | down | 0.00 | 1636528_at | Gp93 | 3.11 | up | 0.00 |
| 1635718_at | bur | 2.12 | up | 0.01 | 1623103_at | CG14946 | 11.28 | down | 0.00 | 1640898_at | DNaseII | 8.21 | up | 0.00 |
| 1624027_at | CG4780 | 2.12 | up | 0.00 | 1637462_at | CG13833 | 4.06 | down | 0.02 | 1626133_s_a | --- | 6.57 | up | 0.00 |
| 1636153_at | CG6984 | 2.11 | up | 0.02 | 1624109_s_a | CG31522 | 2.95 | down | 0.01 | 1639415_at | Tps1 | 5.69 | up | 0.00 |
| 1640236_at | CG4325 | 2.11 | up | 0.01 | 1640736_at | b | 3.50 | down | 0.00 | 1639426_at | CG9593 | 5.57 | up | 0.00 |
| 1631048_at | CG14434 | 2.11 | up | 0.01 | 1639624_at | CG6688 | 12.48 | down | 0.01 | 1634192_at | CG30281 | 7.70 | up | 0.00 |
| 1629791_at | CG17271 | 2.11 | up | 0.00 | 1631371_s_a | Pde8 | 4.43 | down | 0.01 | 1638128_at | CG30280 | 3.36 | up | 0.00 |
| 1630332_at | CG3652 | 2.11 | up | 0.01 | 1633054_at | CG14057 | 5.86 | down | 0.02 | 1628657_at | GstE9 | 5.09 | up | 0.00 |
| 1637743_at | CG9461 | 2.10 | up | 0.08 | 1636244_s_a | CG5191 | 2.26 | down | 0.05 | 1624793_at | GstD7 | 3.21 | up | 0.00 |
| 1636180_at | yip2 | 2.10 | up | 0.00 | 1629086_s_a | Scs-fp | 2.44 | down | 0.00 | 1640979_at | CG1681 | 2.74 | up | 0.00 |
| 1637142_at | CG9547 | 2.10 | up | 0.00 | 1638359_s_a | CG14478 | 2.73 | down | 0.02 | 1624800_at | CG5224 | 2.50 | up | 0.00 |
| 1636645_at | Nup75 | 2.10 | up | 0.00 | 1624854_s_a | Lis-1 | 2.06 | down | 0.00 | 1630258_at | GstD2 | 2.08 | up | 0.06 |
| 1626350_at | alpha-Est10 | 2.10 | up | 0.05 | 1634597_a_a | CG33970 | 3.03 | down | 0.03 | 1629530_at | IM23 | 2.49 | up | 0.08 |
| 1633400_at | cue | 2.10 | up | 0.01 | 1635732_at | CG6915 /// | 2.38 | down | 0.07 | 1633053_at | IM1 | 2.93 | up | 0.03 |
| 1627582_a_a | CG30035 /// | 2.10 | up | 0.01 | 1640310_at | CG9444 | 2.13 | down | 0.02 | 1629118_at | PGRP-SC2 | 14.56 | up | 0.00 |

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|-------------|-------------|---------|------|-----------------|------------|------------|------------|-------------|--------------|-----------|------|
| 1634630_at | CG5707 | 2.10 up | 0.00 | 1636880_s_a cpx | 4.37 down | 0.03 | 1636490_at | PGRP-SB1 | 3.05 up | 0.07 | |
| 1640207_at | CG3635 | 2.09 up | 0.02 | 1628659_at | Mdr49 | 8.60 down | 0.02 | 1625486_a_a | PGRP-LA | 2.09 up | 0.05 |
| 1624549_at | CG3523 | 2.09 up | 0.01 | 1623212_s_a | tamo | 2.19 down | 0.07 | 1641698_at | CG6429 | 49.93 up | 0.00 |
| 1626196_at | CaBP1 | 2.09 up | 0.00 | 1623777_s_a | CG1358 | 43.41 down | 0.00 | 1634636_at | CG6426 | 13.15 up | 0.00 |
| 1633051_at | CG13741 /// | 2.09 up | 0.03 | 1634418_at | CG33281 | 5.57 down | 0.02 | 1640360_at | IM2 | 2.54 up | 0.02 |
| 1631781_at | CG18530 | 2.09 up | 0.03 | 1637123_a_a | CG33281 | 2.47 down | 0.08 | 1626345_at | IM4 | 2.87 up | 0.00 |
| 1636154_at | CG30090 | 2.09 up | 0.04 | 1630858_s_a | CG7816 | 2.51 down | 0.00 | 1631843_at | CG6749 | 2.10 up | 0.00 |
| 1623804_a_a | hep | 2.09 up | 0.09 | 1637301_a_a | slo | 3.66 down | 0.00 | 1638481_at | CG2736 | 8.52 up | 0.00 |
| 1634020_at | mei-P26 | 2.09 up | 0.01 | 1641501_a_a | Sh | 2.20 down | 0.06 | 1632517_at | CG7966 | 6.87 up | 0.00 |
| 1629195_at | CG4851 | 2.08 up | 0.00 | 1638398_at | Shal | 12.02 down | 0.00 | 1633378_at | Lectin-galC1 | 2.83 up | 0.08 |
| 1626752_at | mTTF | 2.08 up | 0.00 | 1632961_at | Shaw | 4.50 down | 0.00 | 1632967_s_a | M6 | 2.52 up | 0.00 |
| 1640351_s_a | CG4390 /// | 2.08 up | 0.01 | 1626468_a_a | KCNQ | 3.85 down | 0.00 | 1625988_a_a | Dys | 3.10 up | 0.00 |
| 1641295_s_a | KdelR | 2.07 up | 0.00 | 1629418_s_a | sei | 5.97 down | 0.00 | 1623374_a_a | Fim | 2.40 up | 0.00 |
| 1625638_a_a | Hex-A | 2.07 up | 0.01 | 1635292_at | CG34396 | 2.40 down | 0.03 | 1637022_at | CG3532 | 2.27 up | 0.00 |
| 1627581_at | CG8080 | 2.07 up | 0.01 | 1634512_at | CG5226 | 2.75 down | 0.03 | 1628232_at | CG30046 | 2.36 up | 0.01 |
| 1633576_s_a | CG1910 | 2.06 up | 0.01 | 1632963_at | CG4963 | 2.05 down | 0.01 | 1634526_a_a | qua | 3.74 up | 0.00 |
| 1632908_s_a | Lerp | 2.06 up | 0.02 | 1634229_at | CG8713 | 6.08 down | 0.00 | 1626224_s_a | fws | 2.45 up | 0.00 |
| 1628268_at | CG18249 | 2.06 up | 0.00 | 1631710_at | KaiRIA | 5.60 down | 0.01 | 1629227_at | baz | 2.21 up | 0.00 |
| 1629637_at | CG13794 | 2.06 up | 0.06 | 1638780_at | GluRIIE | 5.61 down | 0.00 | 1633820_at | Fad2 | 4.64 up | 0.04 |
| 1636948_a_a | Aats-gly | 2.06 up | 0.00 | 1634140_a_a | CG11155 | 4.08 down | 0.01 | 1637990_s_a | fbl | 2.54 up | 0.00 |
| 1638670_a_a | CG5484 | 2.06 up | 0.00 | 1626426_at | CG11155 | 2.08 down | 0.00 | AFFX-Dros-1 | --- | 2.26 up | 0.01 |
| 1634972_at | CG4802 | 2.05 up | 0.00 | 1626739_s_a | GluRIIC | 5.84 down | 0.01 | 1638171_s_a | CG1753 | 5.04 up | 0.00 |
| 1627502_at | CG9304 | 2.05 up | 0.02 | 1630710_at | GluRIIA | 5.32 down | 0.01 | 1638464_a_a | qtc | 16.27 up | 0.00 |
| 1624152_at | CG11851 | 2.05 up | 0.00 | 1627435_at | clumsy | 7.71 down | 0.00 | 1630929_at | CG5885 /// | 2.66 up | 0.00 |
| 1629479_a_a | fok | 2.05 up | 0.00 | 1630181_at | CG9194 | 4.25 down | 0.01 | 1637479_at | pn | 2.93 up | 0.00 |
| 1638344_at | CG5287 | 2.05 up | 0.00 | 1627795_at | Ir | 2.66 down | 0.03 | 1628937_s_a | rin | 2.10 up | 0.01 |
| 1636781_at | CG2144 | 2.05 up | 0.00 | 1632285_at | CG2165 /// | 2.37 down | 0.05 | 1636221_a_a | tkv | 4.06 up | 0.00 |
| 1639746_at | bip1 | 2.04 up | 0.00 | 1636669_at | Ca-P60A | 3.66 down | 0.01 | 1631268_at | ast | 2.23 up | 0.00 |
| 1637489_at | CG6133 | 2.04 up | 0.04 | 1641059_at | Ca-P60A | 2.01 down | 0.02 | 1633746_s_a | a | 7.50 up | 0.00 |
| 1638409_at | CG12030 | 2.04 up | 0.01 | 1635683_at | CG6136 | 2.59 down | 0.02 | 1627493_at | CG5958 | 3.89 up | 0.00 |
| 1629961_s_a | l(2)44DEa | 2.04 up | 0.02 | 1628875_at | pain | 3.79 down | 0.01 | 1625857_at | CG8451 | 4.81 up | 0.00 |
| 1635475_at | corn | 2.03 up | 0.02 | 1637534_at | olf186-F | 4.35 down | 0.01 | 1630310_at | CG32751 | 141.88 up | 0.00 |
| 1637359_at | Lsd-2 | 2.03 up | 0.02 | 1625514_s_a | olf186-F | 2.41 down | 0.01 | 1636507_at | vanin-like | 3.64 up | 0.00 |
| 1629572_a_a | fat-spondin | 2.02 up | 0.03 | 1633452_a_a | Rya-r44F | 3.65 down | 0.06 | 1634321_s_a | CG2051 | 2.05 up | 0.00 |
| 1623158_s_a | rho-4 | 2.02 up | 0.02 | 1624670_at | CG7589 | 30.30 down | 0.00 | 1631139_a_a | fs(2)ltoPP43 | 2.92 up | 0.00 |
| 1630929_at | CG5885 /// | 2.02 up | 0.01 | 1625140_at | NtR | 24.37 down | 0.00 | 1640998_at | fs(2)ltoPP43 | 2.52 up | 0.00 |
| 1639299_at | Ugt37c1 | 2.02 up | 0.02 | 1625023_a_a | nAcRbeta-2 | 17.23 down | 0.00 | 1636579_s_a | mdy | 2.49 up | 0.00 |
| 1624481_a_a | CG31534 | 2.02 up | 0.01 | 1627617_at | Best1 | 3.27 down | 0.00 | 1624957_a_a | Tequila | 6.75 up | 0.00 |
| 1624410_at | CG15658 /// | 2.02 up | 0.00 | 1627821_s_a | Syt7 | 2.26 down | 0.07 | 1637541_at | Fs | 3.09 up | 0.02 |
| 1626566_at | CG12262 | 2.02 up | 0.01 | 1639825_at | comt | 3.02 down | 0.01 | 1641212_a_a | CG32030 | 2.10 up | 0.00 |
| 1638314_at | CG12418 | 2.01 up | 0.06 | 1635494_at | Bc | 11.55 down | 0.01 | 1625278_s_a | CG31004 | 10.34 up | 0.01 |
| 1625640_a_a | Tsp97E | 2.01 up | 0.01 | 1623112_at | CG4509 | 4.81 down | 0.10 | 1640227_at | CG8801 | 2.69 up | 0.00 |
| 1641063_s_a | Oatp30B | 2.01 up | 0.06 | 1632666_at | LanB2 | 3.45 down | 0.01 | 1639079_at | Adgf-D | 10.11 up | 0.00 |

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|-------------|-------------|------------|------|-------------|-------------|-------------|------|-------------|-------------|----------|------|
| 1638896_at | Cpr62Bc | 2.01 up | 0.00 | 1634138_at | CG7333 | 120.01 down | 0.00 | 1640099_at | wds | 2.55 up | 0.00 |
| 1628309_at | CG5126 | 2.00 up | 0.00 | 1629428_at | CG7342 | 9.39 down | 0.00 | 1633559_at | CG8331 | 2.00 up | 0.00 |
| 1629106_at | CG2233 | 2.00 up | 0.01 | 1639720_at | CG6600 | 4.16 down | 0.00 | 1629937_a_a | CG34379 | 3.72 up | 0.00 |
| 1629095_a_a | Men | 2.00 up | 0.05 | 1639504_at | CG14855 | 2.86 down | 0.06 | 1624736_a_a | CG5819 | 5.03 up | 0.00 |
| 1624395_at | CG31102 | 1.99 up | 0.02 | 1627000_s_a | CG6231 | 2.71 down | 0.01 | 1632809_at | CG14762 | 4.36 up | 0.00 |
| 1633955_at | pcl | 73.45 down | 0.00 | 1635914_at | CG10413 | 3.68 down | 0.02 | 1641575_at | Cad87A | 4.47 up | 0.00 |
| 1633123_at | CG7201 | 73.34 down | 0.00 | 1634991_at | CG8083 | 2.73 down | 0.03 | 1634290_a_a | mew | 2.12 up | 0.02 |
| 1627495_at | CG18234 | 72.23 down | 0.00 | 1635031_s_a | CG11147 | 15.30 down | 0.00 | 1641490_s_a | Tsp | 5.71 up | 0.00 |
| 1634138_at | CG7333 | 55.12 down | 0.00 | 1638277_at | CG11550 | 5.63 down | 0.00 | 1629778_s_a | CG5130 | 3.52 up | 0.00 |
| 1637963_at | CG14191 | 38.68 down | 0.01 | 1634087_at | CG1311 | 2.26 down | 0.04 | 1641018_s_a | CG8468 | 3.43 up | 0.00 |
| 1628718_at | CG11289 | 36.50 down | 0.00 | 1632118_s_a | CG31121 | 2.22 down | 0.02 | 1639257_s_a | CG11739 | 3.03 up | 0.00 |
| 1626059_at | knrl | 29.26 down | 0.00 | 1639653_at | cln3 | 6.76 down | 0.10 | 1627582_a_a | CG30035 /// | 2.11 up | 0.00 |
| 1638656_at | CG8646 | 27.85 down | 0.00 | 1633115_a_a | C3G | 4.01 down | 0.01 | 1640126_at | CG8249 | 11.12 up | 0.00 |
| 1634158_at | CG6164 | 24.74 down | 0.00 | 1624989_s_a | Ef1alpha10C | 3.94 down | 0.00 | 1625477_a_a | CG4797 | 7.56 up | 0.00 |
| 1638902_at | Or47a | 23.38 down | 0.00 | 1633427_at | CG7582 | 8.13 down | 0.00 | 1633086_s_a | CG1213 | 5.12 up | 0.00 |
| 1637481_at | Tollo | 22.80 down | 0.00 | 1640020_at | CG10990 /// | 2.13 down | 0.01 | 1640537_a_a | CG8234 | 2.27 up | 0.00 |
| 1628644_at | CG17350 | 21.65 down | 0.00 | 1638139_at | CG31664 | 13.13 down | 0.00 | 1636932_at | CG9886 | 4.16 up | 0.00 |
| 1629922_at | CG11409 /// | 21.33 down | 0.00 | 1633723_at | mav | 6.13 down | 0.01 | 1639215_at | Csat | 4.09 up | 0.00 |
| 1624670_at | CG7589 | 20.97 down | 0.00 | 1629326_s_a | eg | 10.42 down | 0.01 | 1636123_at | CG7870 | 3.54 up | 0.00 |
| 1625621_s_a | f | 19.89 down | 0.00 | 1626059_at | knrl | 45.48 down | 0.00 | 1638217_at | CG10166 | 2.62 up | 0.00 |
| 1629326_s_a | eg | 19.71 down | 0.00 | 1634573_a_a | grh | 2.80 down | 0.10 | 1623521_at | CG11909 | 11.88 up | 0.00 |
| 1627333_at | CG11226 | 19.27 down | 0.00 | 1627445_s_a | en | 3.37 down | 0.09 | 1636255_s_a | CG7997 | 12.28 up | 0.00 |
| 1627384_at | CG6225 | 18.71 down | 0.00 | 1626948_at | fd96Cb | 8.40 down | 0.00 | 1635470_at | GNBP3 | 2.55 up | 0.00 |
| 1625293_at | --- | 18.32 down | 0.00 | 1631857_at | fd96Ca | 2.77 down | 0.00 | 1631867_at | Idgf5 | 4.33 up | 0.00 |
| 1639440_at | CG13285 | 18.29 down | 0.03 | 1639366_at | Hr38 | 2.83 down | 0.01 | 1632317_at | CG3036 | 2.57 up | 0.00 |
| 1639483_s_a | Nep1 | 17.28 down | 0.00 | 1633556_s_a | Dad | 2.56 down | 0.02 | 1627655_at | CG30410 | 3.82 up | 0.00 |
| 1628357_at | CG6142 | 16.80 down | 0.00 | 1627376_at | Rel | 2.43 down | 0.09 | 1636351_at | CG17333 /// | 2.79 up | 0.00 |
| 1623087_at | Gef64C | 16.66 down | 0.00 | 1636493_at | dei | 6.95 down | 0.00 | 1640549_at | Tal | 3.35 up | 0.00 |
| 1637031_at | gsb-n | 16.23 down | 0.00 | 1638204_s_a | cav | 2.65 down | 0.08 | 1638942_at | CG30499 | 3.11 up | 0.00 |
| 1630667_at | CG34043 | 16.14 down | 0.00 | 1637292_at | Esp | 6.70 down | 0.01 | 1633803_at | Pgm | 6.01 up | 0.00 |
| 1639838_at | CG8483 | 15.42 down | 0.00 | 1634012_at | CG5002 | 4.89 down | 0.01 | 1633684_at | CG32444 /// | 5.97 up | 0.00 |
| 1629097_at | kni | 15.08 down | 0.00 | 1639834_at | CG14291 /// | 4.83 down | 0.01 | 1638020_at | CG10467 | 2.10 up | 0.02 |
| 1628563_at | CG33181 | 14.96 down | 0.00 | 1632803_at | CG3719 | 2.55 down | 0.01 | 1638994_at | CG10627 | 2.09 up | 0.00 |
| 1623092_at | Pcp | 14.69 down | 0.01 | 1632854_s_a | Prm | 4.89 down | 0.00 | 1624517_at | Ect3 | 42.37 up | 0.00 |
| 1637054_s_a | RluA-1 | 14.41 down | 0.01 | 1628105_a_a | Prm | 3.67 down | 0.00 | 1635390_s_a | CG9331 | 2.17 up | 0.01 |
| 1634399_at | CG18367 | 14.14 down | 0.02 | 1630999_at | CG7724 | 5.06 down | 0.00 | 1630993_at | CG31414 | 5.72 up | 0.00 |
| 1623846_at | disco-r | 13.72 down | 0.00 | 1630256_at | lectin-24Db | 22.31 down | 0.00 | 1637538_s_a | CG9485 | 2.03 up | 0.00 |
| 1634813_at | CG12641 | 13.59 down | 0.00 | 1634879_at | CG8519 | 4.00 down | 0.00 | 1638285_a_a | Gyk | 2.55 up | 0.00 |
| 1627100_s_a | drm | 13.56 down | 0.00 | 1629837_at | CG2330 | 7.93 down | 0.00 | 1625995_a_a | Zw | 3.19 up | 0.00 |
| 1639624_at | CG6688 | 13.48 down | 0.00 | 1628726_s_a | Rgl | 2.01 down | 0.10 | 1638409_at | CG12030 | 4.49 up | 0.00 |
| 1631526_s_a | CG31284 | 13.27 down | 0.00 | 1624122_a_a | --- | 2.17 down | 0.03 | 1641647_at | CG9232 | 5.72 up | 0.00 |
| 1625537_at | CG3655 | 13.11 down | 0.00 | 1626756_a_a | RhoGEF3 | 3.78 down | 0.07 | 1637491_s_a | CG3835 | 2.36 up | 0.00 |
| 1639164_at | CG9486 | 12.99 down | 0.00 | 1636249_at | 7B2 | 7.56 down | 0.00 | 1641320_s_a | CG3168 | 2.21 up | 0.05 |

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|--------------------------|-------|------|------|------------------------|--------|------|------|-------------------------|--------|----|------|
| 1625897_s_a --- | 12.56 | down | 0.00 | 1628323_s_a ogre | 3.36 | down | 0.01 | 1637872_at Spat | 10.96 | up | 0.00 |
| 1637867_at mid | 12.54 | down | 0.00 | 1632550_at unc-5 | 4.96 | down | 0.00 | 1636681_at CG14621 | 2.34 | up | 0.00 |
| 1628177_at jhamt | 12.54 | down | 0.05 | 1635684_a_a unc-13 | 4.16 | down | 0.00 | 1638295_s_a CG1129 | 2.30 | up | 0.00 |
| 1629667_at CG14298 /// | 12.36 | down | 0.00 | 1640657_at RhoGAP102 | 2.71 | down | 0.06 | 1633834_at CG9701 | 24.97 | up | 0.00 |
| 1630085_s_a Peritrophin- | 12.34 | down | 0.00 | 1633716_at CG10747 | 2.06 | down | 0.02 | 1623900_a_a CG14935 | 5.76 | up | 0.00 |
| 1627793_s_a CG9134 | 11.76 | down | 0.00 | 1634786_at lectin-28C | 2.50 | down | 0.09 | 1639892_at Sodh-1 | 5.21 | up | 0.00 |
| 1636970_at CG9394 | 11.04 | down | 0.00 | 1638556_s_a Oamb | 5.14 | down | 0.01 | 1641066_s_a fbp | 4.16 | up | 0.00 |
| 1623265_at CG10513 | 10.98 | down | 0.01 | 1635328_at Oamb | 3.14 | down | 0.03 | 1632688_s_a CG11594 | 3.57 | up | 0.00 |
| 1627430_at CG8888 | 10.84 | down | 0.02 | 1637526_s_a Ggamma30/ | 2.10 | down | 0.03 | 1625550_at CR33294 | 3.48 | up | 0.00 |
| 1625255_at CG11029 | 10.72 | down | 0.01 | 1638902_at Or47a | 105.99 | down | 0.00 | 1636740_at Fdh | 3.45 | up | 0.00 |
| 1638139_at CG31664 | 10.52 | down | 0.00 | 1624833_a_a mAcR-60C | 8.44 | down | 0.01 | 1624466_a_a CG15117 | 2.83 | up | 0.00 |
| 1623372_at CG5873 | 10.49 | down | 0.03 | 1625450_at mthl14 | 2.87 | down | 0.03 | 1641025_at CG11134 | 2.81 | up | 0.00 |
| 1633300_at CG13282 | 10.47 | down | 0.00 | 1625724_at Pde1c | 3.71 | down | 0.00 | 1623102_at Gip | 2.49 | up | 0.00 |
| 1641626_at CG18233 | 10.43 | down | 0.00 | 1624542_at CG31757 | 2.50 | down | 0.02 | 1630892_at CG11208 /// | 2.14 | up | 0.00 |
| 1640770_a_a Eip78C | 10.34 | down | 0.00 | 1631105_at Tsp96F | 4.45 | down | 0.00 | 1641488_at CG10575 | 2.89 | up | 0.00 |
| 1626577_at CG15556 | 10.21 | down | 0.00 | 1627334_at Tsp39D | 2.07 | down | 0.02 | 1628616_at CG8419 | 21.73 | up | 0.00 |
| 1630642_at Pvf2 | 10.21 | down | 0.00 | 1635198_at CG10483 | 4.94 | down | 0.00 | 1637548_at arg | 10.20 | up | 0.00 |
| 1628594_at rut | 10.17 | down | 0.00 | 1633443_s_a CG2082 | 12.46 | down | 0.00 | 1640488_a_a CG9510 | 9.50 | up | 0.00 |
| 1638398_at Shal | 10.15 | down | 0.00 | 1626666_s_a RhoGAP16I | 4.99 | down | 0.00 | 1631062_at CG2023 | 2.12 | up | 0.00 |
| 1634121_at Obp57c | 10.11 | down | 0.01 | 1628252_at CG17919 | 4.19 | down | 0.00 | 1640501_at CG3829 | 6.19 | up | 0.00 |
| 1638033_at CG6055 | 9.72 | down | 0.00 | 1633088_at CG4733 ///1 | 3.79 | down | 0.01 | 1634702_at CG7227 | 3.07 | up | 0.00 |
| 1630100_at CG31607 | 9.70 | down | 0.00 | 1624375_at insv | 3.51 | down | 0.08 | 1624226_at trus | 2.51 | up | 0.00 |
| 1640097_at Pxn | 9.67 | down | 0.00 | 1625196_a_a CG14995 | 4.83 | down | 0.01 | 1626783_at CG16756 /// | 9.26 | up | 0.00 |
| 1625850_at odd | 9.59 | down | 0.00 | 1631349_s_a --- | 5.51 | down | 0.08 | 1624836_at CG13795 | 3.13 | up | 0.00 |
| 1634842_a_a CG11160 | 9.53 | down | 0.00 | 1637054_s_a RluA-1 | 31.28 | down | 0.00 | 1633778_at gb | 2.17 | up | 0.00 |
| 1640896_at CG4462 | 9.52 | down | 0.02 | 1633016_a_a stau | 2.65 | down | 0.01 | 1628947_s_a mnd | 4.04 | up | 0.00 |
| 1638905_s_a CG4839 | 9.47 | down | 0.00 | 1623810_at CG17265 | 2.66 | down | 0.04 | 1627343_a_a CG5535 | 2.64 | up | 0.00 |
| 1625312_at CG10553 | 9.41 | down | 0.00 | 1636333_a_a mthl2 | 23.35 | down | 0.00 | 1627578_s_a CG7255 | 4.03 | up | 0.00 |
| 1625405_at yellow-c | 9.11 | down | 0.01 | 1641282_at mthl4 | 3.74 | down | 0.02 | 1627661_at Dph5 | 2.00 | up | 0.01 |
| 1635371_at CG31323 | 9.11 | down | 0.00 | 1627967_a_a mthl4 | 2.48 | down | 0.05 | 1624695_at CG3999 | 6.50 | up | 0.00 |
| 1638612_at obst-E | 8.92 | down | 0.00 | 1630161_at fau | 4.97 | down | 0.02 | 1641104_s_a Eaat1 | 2.70 | up | 0.01 |
| 1632353_at CG7884 | 8.88 | down | 0.00 | 1638789_at fau | 3.89 | down | 0.03 | 1624454_at CG10361 | 3.14 | up | 0.00 |
| 1636743_s_a --- | 8.75 | down | 0.00 | 1640350_at fau | 3.17 | down | 0.00 | 1625652_s_a CG12428 | 2.67 | up | 0.00 |
| 1630034_at CG12119 | 8.66 | down | 0.01 | 1632337_at Sur | 4.83 | down | 0.00 | 1624185_at CG1041 | 2.07 | up | 0.00 |
| 1631168_at CG5687 | 8.61 | down | 0.00 | 1624686_a_a dnc | 3.31 | down | 0.00 | 1628611_at CG11241 | 12.37 | up | 0.00 |
| 1634271_at Def | 8.39 | down | 0.00 | 1624556_s_a bol | 2.58 | down | 0.00 | 1634551_at CG6188 | 7.19 | up | 0.00 |
| 1640867_s_a htl | 8.39 | down | 0.00 | 1623977_at nvy | 4.43 | down | 0.00 | 1626086_at CG10621 | 5.92 | up | 0.00 |
| 1632298_s_a mfas | 8.30 | down | 0.00 | 1631542_a_a dve | 7.63 | down | 0.02 | 1632699_s_a --- | 2.89 | up | 0.00 |
| 1623016_at CG1299 | 8.21 | down | 0.00 | 1637867_at mid | 20.64 | down | 0.01 | 1634481_at RhoGAP18I | 2.36 | up | 0.00 |
| 1625023_a_a nAcRbeta-2 | 8.18 | down | 0.00 | 1628262_a_a zfh1 | 5.41 | down | 0.00 | 1623961_at Arpc3B | 2.39 | up | 0.00 |
| 1625065_s_a SK | 8.12 | down | 0.00 | 1625535_at H15 | 3.28 | down | 0.03 | 1628339_a_a CG7920 ///1 | 2.25 | up | 0.01 |
| 1640204_at CG31619 | 8.04 | down | 0.00 | 1641337_at CG11617 | 7.49 | down | 0.00 | 1638067_a_a CG5261 | 2.06 | up | 0.01 |
| 1636742_at nord | 8.00 | down | 0.00 | 1639867_at ea | 8.30 | down | 0.00 | 1629174_at CG30264 | 154.92 | up | 0.00 |

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|-------------|--------------|------|------|------|-------------|---------------|-------|------|------|-------------|-------------|-------|----|------|
| 1634525_at | CG7738 | 8.00 | down | 0.02 | 1633241_at | CG31340 | 2.80 | down | 0.00 | 1638462_at | CG18088 | 47.66 | up | 0.00 |
| 1625307_at | sut2 | 7.98 | down | 0.00 | 1624891_at | CG13183 | 11.19 | down | 0.05 | 1637644_at | CG13813 | 30.09 | up | 0.00 |
| 1633164_s_a | CG10625 | 7.93 | down | 0.00 | 1625843_s_a | Pif1A /// Pif | 2.73 | down | 0.02 | 1627088_at | fit | 29.96 | up | 0.00 |
| 1635031_s_a | CG11147 | 7.89 | down | 0.01 | 1625960_at | noc | 2.35 | down | 0.09 | 1628822_at | CG30271 | 28.81 | up | 0.00 |
| 1628498_at | obst-E | 7.85 | down | 0.00 | 1639223_a_a | sr | 6.16 | down | 0.00 | 1625336_s_a | --- | 27.14 | up | 0.00 |
| 1625780_a_a | CG9812 | 7.85 | down | 0.01 | 1637105_at | rgr | 2.51 | down | 0.07 | 1631322_at | --- | 25.78 | up | 0.00 |
| 1627721_at | CG12880 | 7.83 | down | 0.00 | 1639347_s_a | Cdk4 | 5.31 | down | 0.00 | 1628826_at | --- | 22.81 | up | 0.00 |
| 1633443_s_a | CG2082 | 7.78 | down | 0.00 | 1627882_at | dlg1 | 5.06 | down | 0.04 | 1623744_at | CG30411 | 21.78 | up | 0.00 |
| 1637811_s_a | CG5273 | 7.68 | down | 0.00 | 1629115_s_a | scrib | 3.19 | down | 0.01 | 1635519_at | CG13950 | 20.25 | up | 0.00 |
| 1630019_s_a | CG12026 | 7.64 | down | 0.00 | 1635730_at | CG30069 | 2.01 | down | 0.10 | 1632865_s_a | CG12974 | 18.93 | up | 0.00 |
| 1630584_at | CG10657 | 7.63 | down | 0.00 | 1628083_at | CG5036 | 7.48 | down | 0.00 | 1626891_at | CG15414 | 16.54 | up | 0.00 |
| 1627720_at | CG14301 | 7.60 | down | 0.00 | 1641118_at | Mdh | 2.73 | down | 0.00 | 1640217_at | CG30154 | 14.56 | up | 0.00 |
| 1627746_at | CG6124 /// c | 7.60 | down | 0.01 | 1630038_at | pyd3 | 3.87 | down | 0.00 | 1635060_at | CG15068 | 13.76 | up | 0.00 |
| 1639940_at | disco | 7.58 | down | 0.00 | 1624017_at | Ahcy89E | 8.83 | down | 0.00 | 1625671_at | --- | 13.07 | up | 0.00 |
| 1625940_s_a | sim | 7.57 | down | 0.00 | 1634961_s_a | Vha68-2 | 2.06 | down | 0.01 | 1637422_at | CG3246 | 12.58 | up | 0.00 |
| 1632399_at | CG34007 | 7.46 | down | 0.00 | 1640092_a_a | Ca-alpha1D | 2.97 | down | 0.02 | 1624802_at | CG31686 | 12.44 | up | 0.00 |
| 1632216_at | CanA1 | 7.45 | down | 0.00 | 1629597_a_a | Asph | 2.88 | down | 0.03 | 1639359_at | CG31974 | 12.41 | up | 0.00 |
| 1634350_at | sob | 7.40 | down | 0.00 | 1627649_at | Neu3 | 3.96 | down | 0.02 | 1631225_at | CG8317 | 12.09 | up | 0.00 |
| 1640681_at | CG4950 | 7.39 | down | 0.03 | 1639483_s_a | Nep1 | 33.19 | down | 0.00 | 1637797_at | CG14400 | 11.14 | up | 0.00 |
| 1631327_at | mspo | 7.39 | down | 0.00 | 1625075_at | Nep2 | 2.16 | down | 0.02 | 1630404_at | CG34112 | 10.40 | up | 0.00 |
| 1639502_at | CG8942 | 7.34 | down | 0.02 | 1636266_at | psh | 4.47 | down | 0.00 | 1634697_at | CG32667 | 10.01 | up | 0.00 |
| 1637750_at | Sox21b | 7.34 | down | 0.00 | 1638939_at | CalpA | 2.05 | down | 0.02 | 1636170_at | CG13607 | 9.98 | up | 0.00 |
| 1627882_at | dlg1 | 7.34 | down | 0.00 | 1633893_at | CG31217 /// | 2.38 | down | 0.01 | 1635989_at | Os9 | 9.79 | up | 0.00 |
| 1629443_at | CG12655 | 7.32 | down | 0.00 | 1623312_s_a | CG11836 | 2.44 | down | 0.01 | 1626901_at | CG15890 | 9.42 | up | 0.00 |
| 1628715_a_a | Karl | 7.28 | down | 0.01 | 1626903_at | CG3355 | 2.41 | down | 0.00 | 1641434_at | CG32695 | 9.18 | up | 0.00 |
| 1639737_at | CG33254 | 7.26 | down | 0.04 | 1623016_at | CG1299 | 24.65 | down | 0.00 | 1639101_at | CG9837 | 9.09 | up | 0.00 |
| 1624344_at | CG17922 | 7.21 | down | 0.00 | 1640521_at | CG6361 | 5.80 | down | 0.02 | 1637367_at | CG10799 /// | 8.95 | up | 0.00 |
| 1623558_at | Cpr49Ae | 7.18 | down | 0.02 | 1637794_at | CG4927 | 2.66 | down | 0.01 | 1635862_at | CG33120 | 8.60 | up | 0.00 |
| 1634670_at | CG32714 | 7.13 | down | 0.00 | 1628952_s_a | Fur1 | 2.62 | down | 0.06 | 1636840_at | CBP | 8.47 | up | 0.00 |
| 1636309_at | CG4089 | 7.12 | down | 0.00 | 1632593_at | CG32147 | 2.31 | down | 0.01 | 1633826_at | Iris | 8.38 | up | 0.00 |
| 1632524_at | Wnt4 | 7.12 | down | 0.00 | 1634279_at | CG11529 | 2.06 | down | 0.04 | 1629399_at | CG30282 | 8.27 | up | 0.00 |
| 1631371_s_a | Pde8 | 7.08 | down | 0.01 | 1628800_at | Jon65Aiv | 2.04 | down | 0.02 | 1639476_at | Vago | 8.25 | up | 0.00 |
| 1633396_at | btd | 7.04 | down | 0.00 | 1629468_at | CG9372 | 2.03 | down | 0.04 | 1641711_at | CG13360 | 8.10 | up | 0.00 |
| 1637869_at | PFE | 7.04 | down | 0.00 | 1636623_at | Ance-5 | 4.03 | down | 0.01 | 1632836_at | --- | 7.77 | up | 0.00 |
| 1623594_at | blow | 7.04 | down | 0.00 | 1625473_at | CG4221 | 4.50 | down | 0.00 | 1636629_at | CG13792 | 7.64 | up | 0.00 |
| 1636333_a_a | mthl2 | 6.99 | down | 0.04 | 1635449_s_a | Dip-B | 2.37 | down | 0.01 | 1624409_a_a | CG11315 | 7.48 | up | 0.00 |
| 1626437_at | lectin-22C | 6.96 | down | 0.00 | 1626446_a_a | Mlc1 | 2.95 | down | 0.06 | 1641650_at | alpha-Est5 | 7.41 | up | 0.00 |
| 1639232_s_a | SPI029 | 6.92 | down | 0.00 | 1629243_at | Dab | 2.85 | down | 0.03 | 1632984_s_a | CG6503 /// | 7.03 | up | 0.00 |
| 1632932_a_a | CG33171 | 6.86 | down | 0.00 | 1623503_at | sda | 5.82 | down | 0.00 | 1624851_at | DsimCG326 | 6.87 | up | 0.00 |
| 1631639_at | TpnC47D | 6.84 | down | 0.06 | 1625414_at | ifc | 2.83 | down | 0.01 | 1636215_at | --- | 6.87 | up | 0.00 |
| 1623019_a_a | Unc-89 | 6.75 | down | 0.00 | 1635210_a_a | Ppn | 21.07 | down | 0.00 | 1638772_at | CG18107 | 6.83 | up | 0.00 |
| 1638086_at | CG3746 | 6.72 | down | 0.00 | 1640204_at | CG31619 | 3.19 | down | 0.04 | 1630831_at | CG7695 | 6.54 | up | 0.00 |
| 1627752_s_a | SK | 6.71 | down | 0.00 | 1632432_at | CG9850 | 3.93 | down | 0.00 | 1636119_at | CG1468 | 6.49 | up | 0.00 |

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|-------------------------|------|------|------|-------------------------|--------|------|------|--------------------------|------|----|------|
| 1623777_s_a CG1358 | 6.67 | down | 0.00 | 1623624_at CG14869 | 2.39 | down | 0.06 | 1640365_s_a CG14021 | 6.32 | up | 0.00 |
| 1633385_at Karl | 6.64 | down | 0.01 | 1641324_at LanA | 11.09 | down | 0.00 | 1633695_at --- | 6.22 | up | 0.00 |
| 1630291_at MtnB | 6.61 | down | 0.02 | 1631179_s_a CG6680 | 2.16 | down | 0.01 | 1638437_at CR14638 | 6.16 | up | 0.00 |
| 1629385_s_a --- | 6.61 | down | 0.00 | 1634971_at CG6465 | 2.60 | down | 0.01 | 1638733_at CG3984 | 6.13 | up | 0.00 |
| 1623571_a_a CG9328 | 6.58 | down | 0.00 | 1632228_at CG6733 | 10.76 | down | 0.01 | 1625053_at CG16898 | 6.11 | up | 0.00 |
| 1631542_a_a dve | 6.55 | down | 0.00 | 1631426_at CG32412 | 2.04 | down | 0.00 | 1626350_at alpha-Est10 | 6.07 | up | 0.00 |
| 1632854_s_a Prm | 6.52 | down | 0.01 | 1633955_at pcl | 223.44 | down | 0.00 | 1635086_at CG4666 /// 1 | 5.97 | up | 0.00 |
| 1636498_at CG6168 | 6.48 | down | 0.00 | 1627384_at CG6225 | 20.60 | down | 0.00 | 1625837_at CG17244 /// | 5.89 | up | 0.00 |
| 1627435_at clumsy | 6.46 | down | 0.00 | 1628666_at CG3328 | 8.31 | down | 0.01 | 1637798_at CG15717 | 5.89 | up | 0.00 |
| 1634325_a_a MESK2 | 6.45 | down | 0.00 | 1628468_at CG8738 | 7.78 | down | 0.01 | 1627152_at CG12918 | 5.89 | up | 0.00 |
| 1633788_s_a CG15186 | 6.44 | down | 0.00 | 1630217_at CG13650 | 6.83 | down | 0.01 | 1625058_at yellow-d | 5.81 | up | 0.00 |
| 1628678_at CG13920 | 6.44 | down | 0.02 | 1641327_at CG9416 | 6.81 | down | 0.01 | 1632087_at CG9928 | 5.80 | up | 0.00 |
| 1637057_at nrm | 6.44 | down | 0.00 | 1637246_a_a CG32627 | 5.12 | down | 0.07 | 1639538_at --- | 5.75 | up | 0.00 |
| 1638021_at CG4757 | 6.43 | down | 0.02 | 1636410_at CG3505 | 4.46 | down | 0.00 | 1639111_at CG15362 | 5.75 | up | 0.00 |
| 1623234_s_a Calx | 6.41 | down | 0.00 | 1629491_at CG13318 | 4.29 | down | 0.03 | 1633067_at CG34376 | 5.74 | up | 0.00 |
| 1638193_at CG5612 | 6.40 | down | 0.00 | 1628964_at CG4804 | 4.09 | down | 0.01 | 1629046_a_a CG4716 /// 1 | 5.74 | up | 0.00 |
| 1637113_s_a CG15105 | 6.39 | down | 0.00 | 1623697_s_a CG33465 | 3.54 | down | 0.02 | 1636910_at CG13704 | 5.59 | up | 0.00 |
| 1637350_at CG31086 | 6.36 | down | 0.00 | 1628716_at CG13283 | 3.19 | down | 0.02 | 1627516_at CG6834 | 5.59 | up | 0.01 |
| 1625210_a_a Msp-300 | 6.35 | down | 0.01 | 1636900_at CG5390 /// 1 | 3.06 | down | 0.01 | 1625042_at CG31288 | 5.57 | up | 0.00 |
| 1628625_at CG12926 | 6.33 | down | 0.00 | 1630619_at Spn1 | 2.96 | down | 0.00 | 1625583_at CG16926 | 5.51 | up | 0.00 |
| 1634879_at CG8519 | 6.32 | down | 0.01 | 1624821_at CG8586 /// 1 | 2.73 | down | 0.02 | 1630088_at CG16743 /// | 5.49 | up | 0.00 |
| 1632633_at TpnC25D | 6.31 | down | 0.04 | 1641192_at CG14523 | 2.68 | down | 0.03 | 1623669_at CG16836 | 5.48 | up | 0.00 |
| 1635968_at CG3604 | 6.31 | down | 0.09 | 1623986_at CG15046 | 2.66 | down | 0.04 | 1630660_at CG14033 | 5.45 | up | 0.00 |
| 1635544_s_a --- | 6.30 | down | 0.02 | 1636943_s_a Spn5 | 2.54 | down | 0.02 | 1635688_at CG15210 | 5.43 | up | 0.00 |
| 1630256_at lectin-24Db | 6.26 | down | 0.04 | 1631148_at CG9673 | 2.43 | down | 0.09 | 1634002_at CG13315 /// | 5.35 | up | 0.00 |
| 1630418_s_a CG31374 | 6.22 | down | 0.00 | 1629542_at CG31821 | 2.42 | down | 0.09 | 1633196_at alpha-Est2 | 5.29 | up | 0.00 |
| 1638583_at CG31103 | 6.21 | down | 0.00 | 1638653_a_a CG9932 | 2.33 | down | 0.03 | 1634036_at CG8788 | 5.26 | up | 0.00 |
| 1637269_at CG6310 | 6.21 | down | 0.01 | 1634302_s_a CG14516 | 2.29 | down | 0.07 | 1640854_at CG31248 /// | 5.19 | up | 0.00 |
| 1631821_at Sr-CI | 6.20 | down | 0.01 | 1629518_at CG2493 | 2.17 | down | 0.02 | 1641627_at CG9396 | 5.19 | up | 0.00 |
| 1637008_at CG14687 | 6.18 | down | 0.03 | 1639516_at CG30187 | 2.00 | down | 0.04 | 1630233_at CG5399 /// 1 | 5.18 | up | 0.02 |
| 1630456_at Mbs | 6.16 | down | 0.01 | 1638808_at Syx4 | 3.30 | down | 0.00 | 1626248_at CG18547 | 5.18 | up | 0.00 |
| 1632618_a_a cno | 6.14 | down | 0.00 | 1638176_at Magi | 4.33 | down | 0.00 | 1623126_at CG13912 | 5.14 | up | 0.00 |
| 1631072_at CG9512 | 6.13 | down | 0.00 | 1627136_at Khc-73 | 3.73 | down | 0.01 | 1631770_at Tango13 | 4.98 | up | 0.00 |
| 1634576_at N | 6.09 | down | 0.00 | 1636302_s_a Su(dx) | 2.39 | down | 0.02 | 1630696_at CG12972 | 4.94 | up | 0.00 |
| 1628888_at CG7180 | 6.08 | down | 0.00 | 1630123_at CG3099 | 2.38 | down | 0.09 | 1630844_at CG15293 | 4.89 | up | 0.00 |
| 1626560_at AQP /// blw | 6.08 | down | 0.01 | 1624515_at CG6461 /// 1 | 3.34 | down | 0.03 | 1638675_at CG10680 | 4.85 | up | 0.00 |
| 1630261_a_a up | 6.07 | down | 0.01 | 1638807_s_a CG4829 | 3.17 | down | 0.00 | 1625503_at CG32425 | 4.81 | up | 0.00 |
| 1624688_at CG9360 /// 1 | 6.07 | down | 0.00 | 1626213_a_a Pemt | 2.70 | down | 0.00 | 1629205_at CG32032 | 4.75 | up | 0.00 |
| 1636603_a_a CG9297 | 6.06 | down | 0.01 | 1627495_at CG18234 | 36.57 | down | 0.00 | 1640716_at CG14810 | 4.72 | up | 0.00 |
| 1633927_a_a beat-IIIc | 6.06 | down | 0.00 | 1641626_at CG18233 | 4.42 | down | 0.02 | 1632911_at CG33493 | 4.71 | up | 0.00 |
| 1630181_at CG9194 | 6.05 | down | 0.00 | 1631447_at CG10307 | 3.88 | down | 0.00 | 1633208_at --- | 4.67 | up | 0.00 |
| 1629499_at CG11915 | 6.04 | down | 0.00 | 1637869_at PFE | 2.15 | down | 0.08 | 1633857_at CG13659 | 4.65 | up | 0.00 |
| 1638869_at Cpr51A | 6.04 | down | 0.00 | 1624389_at CG7526 | 9.43 | down | 0.01 | 1638885_at --- | 4.60 | up | 0.00 |

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|-------------|-------------|------|------|------|-------------|-------------|-------|------|------|-------------|-------------|------|----|------|
| 1627568_at | CG14109 | 6.03 | down | 0.00 | 1624371_a_a | CG7356 | 2.76 | down | 0.09 | 1634341_a_a | CG6129 | 4.57 | up | 0.00 |
| 1637246_a_a | CG32627 | 6.01 | down | 0.00 | 1635768_at | CG4670 | 4.30 | down | 0.00 | 1622937_at | CG13698 | 4.43 | up | 0.00 |
| 1641530_s_a | CG2264 | 6.01 | down | 0.00 | 1636309_at | CG4089 | 16.91 | down | 0.00 | 1627741_at | CG13086 | 4.41 | up | 0.00 |
| 1637645_at | miple2 | 6.00 | down | 0.01 | 1632943_a_a | bru-3 | 3.61 | down | 0.07 | 1634890_at | UK114 | 4.34 | up | 0.00 |
| 1640332_at | CG6972 | 5.98 | down | 0.01 | 1623996_at | CG5001 | 2.05 | down | 0.01 | 1637561_at | lectin-33A | 4.27 | up | 0.01 |
| 1625476_a_a | CG1674 | 5.98 | down | 0.00 | 1627242_at | l(2)efl | 2.62 | down | 0.00 | 1623666_at | CG10516 | 4.26 | up | 0.00 |
| 1635334_a_a | CG10732 /// | 5.98 | down | 0.00 | 1631760_at | CG7768 /// | 2.78 | down | 0.09 | 1624950_a_a | CG14823 | 4.24 | up | 0.00 |
| 1623662_at | CG11044 | 5.94 | down | 0.00 | 1637933_a_a | Pdi | 2.06 | down | 0.10 | 1624425_at | CG7384 | 4.16 | up | 0.00 |
| 1635998_at | Cpr67B | 5.90 | down | 0.01 | 1639380_a_a | Hsc70-1 | 3.47 | down | 0.06 | 1634630_at | CG5707 | 4.04 | up | 0.00 |
| 1638477_at | CG13403 | 5.88 | down | 0.02 | 1627963_s_a | Hsc70-1 | 2.81 | down | 0.01 | 1623813_at | CG33307 | 4.04 | up | 0.00 |
| 1623197_a_a | zormin | 5.86 | down | 0.00 | 1625875_at | CG10635 | 2.01 | down | 0.02 | 1626074_at | CG34018 | 4.03 | up | 0.00 |
| 1638519_at | CG32599 | 5.84 | down | 0.00 | 1632591_at | Phk-3 | 4.92 | down | 0.00 | 1635548_s_a | CG15281 | 3.98 | up | 0.00 |
| 1632550_at | unc-5 | 5.84 | down | 0.00 | 1623019_a_a | Unc-89 | 8.07 | down | 0.00 | 1624128_at | CG31769 | 3.96 | up | 0.00 |
| 1635210_a_a | Ppn | 5.83 | down | 0.00 | 1640470_s_a | Fur2 | 6.84 | down | 0.00 | 1639353_at | CG17032 | 3.93 | up | 0.00 |
| 1626242_at | CG14795 | 5.82 | down | 0.00 | 1628985_a_a | Caki | 3.42 | down | 0.04 | 1631693_at | CG9616 | 3.93 | up | 0.00 |
| 1625140_at | NtR | 5.81 | down | 0.03 | 1634779_at | Haspin | 2.03 | down | 0.01 | 1636947_at | CG9598 | 3.92 | up | 0.00 |
| 1626171_at | --- | 5.79 | down | 0.01 | 1625183_at | smi35A | 3.24 | down | 0.01 | 1624617_at | CG1665 | 3.91 | up | 0.00 |
| 1623396_at | CG13875 | 5.78 | down | 0.00 | 1623418_at | Cad96Ca | 4.45 | down | 0.01 | 1624579_at | Cpr62Ba | 3.90 | up | 0.00 |
| 1628018_at | Hml | 5.78 | down | 0.01 | 1638905_s_a | CG4839 | 7.02 | down | 0.00 | 1624395_at | CG31102 | 3.90 | up | 0.00 |
| 1623503_at | sda | 5.76 | down | 0.00 | 1639437_s_a | CG4945 | 2.11 | down | 0.03 | 1624200_at | CG8679 | 3.75 | up | 0.00 |
| 1641460_at | CanB | 5.76 | down | 0.00 | 1627955_a_a | Asator | 3.29 | down | 0.02 | 1637829_at | CG4020 | 3.70 | up | 0.04 |
| 1626221_at | Glycogenin | 5.76 | down | 0.00 | 1633777_at | CG11221 | 3.44 | down | 0.01 | 1634018_at | CG34028 | 3.63 | up | 0.00 |
| 1634200_a_a | CG9413 | 5.75 | down | 0.00 | 1631114_a_a | CG11489 | 2.65 | down | 0.03 | 1623687_at | CG15199 | 3.62 | up | 0.00 |
| 1628262_a_a | zfh1 | 5.73 | down | 0.00 | 1624464_s_a | --- | 2.08 | down | 0.01 | 1634788_at | CG4872 | 3.55 | up | 0.00 |
| 1637386_at | rdgC | 5.68 | down | 0.00 | 1637481_at | Tollo | 50.16 | down | 0.00 | 1628963_at | CG4716 /// | 3.50 | up | 0.00 |
| 1628412_at | Ac78C | 5.68 | down | 0.00 | 1625972_at | CG31999 | 8.58 | down | 0.00 | 1639694_s_a | CG10102 /// | 3.45 | up | 0.04 |
| 1637639_at | gsb | 5.67 | down | 0.00 | 1628664_at | CG12484 | 2.42 | down | 0.09 | 1641741_a_a | CG14823 | 3.44 | up | 0.00 |
| 1625473_at | CG4221 | 5.66 | down | 0.00 | 1639933_at | --- | 4.42 | down | 0.01 | 1634960_at | CG14375 | 3.43 | up | 0.00 |
| 1633264_at | CG13024 | 5.64 | down | 0.01 | 1629744_a_a | alpha-Man-I | 2.28 | down | 0.04 | 1626144_at | CG7763 | 3.38 | up | 0.01 |
| 1634170_a_a | jbug | 5.62 | down | 0.07 | 1629120_at | alpha-Man-I | 15.10 | down | 0.01 | 1626965_at | CG31743 | 3.34 | up | 0.00 |
| 1638184_at | CG13936 | 5.61 | down | 0.00 | 1638371_at | CG31849 | 2.01 | down | 0.01 | 1625886_s_a | CG34028 | 3.33 | up | 0.00 |
| 1636063_at | CG34355 /// | 5.58 | down | 0.01 | 1627995_at | Art8 | 2.43 | down | 0.03 | 1625174_at | CG15067 | 3.32 | up | 0.00 |
| 1630289_at | CG6435 | 5.58 | down | 0.00 | 1633410_at | CG2975 | 2.48 | down | 0.10 | 1628710_at | Grasp65 | 3.30 | up | 0.00 |
| 1627577_at | CG7409 | 5.57 | down | 0.08 | 1625973_a_a | CG3038 /// | 4.14 | down | 0.00 | 1637808_a_a | CG6151 | 3.30 | up | 0.00 |
| 1641508_s_a | Tsp42Eh | 5.57 | down | 0.06 | 1634468_at | CG13397 | 3.15 | down | 0.06 | 1640540_at | CG30273 | 3.29 | up | 0.00 |
| 1640223_a_a | trol | 5.57 | down | 0.00 | 1632063_s_a | CG11357 /// | 2.43 | down | 0.01 | 1632813_at | CG11975 | 3.29 | up | 0.00 |
| 1637292_at | Esp | 5.56 | down | 0.00 | 1637386_at | rdgC | 2.67 | down | 0.03 | 1638669_at | CG11395 | 3.26 | up | 0.00 |
| 1637662_at | msta | 5.51 | down | 0.00 | 1624660_at | Ptp10D | 2.80 | down | 0.07 | 1637125_at | CG2004 | 3.22 | up | 0.00 |
| 1628083_at | CG5036 | 5.51 | down | 0.00 | 1628888_at | CG7180 | 7.58 | down | 0.01 | 1640400_at | CG5773 | 3.17 | up | 0.00 |
| 1629383_a_a | CG6416 | 5.51 | down | 0.00 | 1637627_at | Ptp4E | 2.96 | down | 0.00 | 1636885_at | CG17560 | 3.17 | up | 0.10 |
| 1636612_a_a | pk | 5.47 | down | 0.01 | 1637204_at | Ptp99A | 3.68 | down | 0.04 | 1632606_a_a | CG33169 | 3.17 | up | 0.00 |
| 1627656_at | grk | 5.47 | down | 0.00 | 1641460_at | CanB | 11.13 | down | 0.00 | 1630561_at | CG13641 | 3.16 | up | 0.02 |
| 1639269_a_a | Pdh | 5.45 | down | 0.01 | 1632216_at | CanA1 | 16.92 | down | 0.00 | 1633076_at | CG15092 /// | 3.16 | up | 0.00 |

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|-------------|----------------|------|------|------|-------------|--------------|-------|------|------|-------------|--------------|------|----|------|
| 1626386_at | Cpr57A | 5.43 | down | 0.02 | 1637378_s_a | ia2 | 8.07 | down | 0.07 | 1629932_at | yellow-d2 | 3.16 | up | 0.00 |
| 1630699_at | betaInt-nu | 5.43 | down | 0.00 | 1628882_at | CG7378 | 2.85 | down | 0.04 | 1630797_at | CG32582 | 3.13 | up | 0.00 |
| 1641324_at | LanA | 5.43 | down | 0.00 | 1630524_at | --- | 2.10 | down | 0.09 | 1623960_s_a | --- | 3.11 | up | 0.00 |
| 1629837_at | CG2330 | 5.42 | down | 0.00 | 1639956_at | CG17760 | 16.11 | down | 0.00 | 1638472_at | Cpr62Bb | 3.09 | up | 0.00 |
| 1636772_s_a | CG32694 | 5.40 | down | 0.00 | 1637853_a_a | Hk | 3.26 | down | 0.01 | 1632558_at | --- | 3.09 | up | 0.00 |
| 1639504_at | CG14855 | 5.39 | down | 0.00 | 1635007_at | Sulf1 | 3.30 | down | 0.04 | 1624057_at | CG16713 | 3.08 | up | 0.00 |
| 1626416_a | al(2)efl | 5.37 | down | 0.03 | 1639535_at | pgant2 | 6.00 | down | 0.00 | 1625457_at | CG10031 | 3.05 | up | 0.00 |
| 1628666_at | CG3328 | 5.36 | down | 0.01 | 1638656_at | CG8646 | 17.87 | down | 0.00 | 1636682_at | CG31778 | 3.03 | up | 0.00 |
| 1629428_at | CG7342 | 5.34 | down | 0.00 | 1638247_at | CG17065 | 2.07 | down | 0.10 | 1631660_at | CG15065 | 3.00 | up | 0.01 |
| 1638614_at | CG18273 | 5.33 | down | 0.00 | 1628718_at | CG11289 | 65.35 | down | 0.00 | 1629625_at | CG13211 | 2.99 | up | 0.00 |
| 1634229_at | CG8713 | 5.32 | down | 0.00 | 1640870_s_a | CG17322 | 7.54 | down | 0.00 | 1625710_at | CG31717 | 2.99 | up | 0.00 |
| 1625321_a_a | CG7549 | 5.31 | down | 0.00 | 1638051_at | CG17323 | 6.04 | down | 0.01 | 1637255_a_a | alpha-Est7 | 2.95 | up | 0.00 |
| 1628664_at | CG12484 | 5.31 | down | 0.00 | 1641191_s_a | Ugt36Bc | 3.37 | down | 0.01 | 1629106_at | CG2233 | 2.92 | up | 0.00 |
| 1624389_at | CG7526 | 5.31 | down | 0.01 | 1632070_at | Ugt58Fa | 2.94 | down | 0.02 | AFFX-r2-Drc | --- | 2.92 | up | 0.00 |
| 1626546_s_a | Tsp74F | 5.29 | down | 0.01 | 1638330_at | Dot | 2.55 | down | 0.05 | 1633795_a_a | CG17124 | 2.89 | up | 0.00 |
| 1627445_s_a | en | 5.29 | down | 0.00 | 1627662_at | Ugt35a | 2.05 | down | 0.06 | 1628547_at | CG5167 | 2.88 | up | 0.00 |
| 1637788_at | CG31176 | 5.27 | down | 0.00 | 1626417_at | Cht3 | 2.49 | down | 0.00 | 1622894_at | CG15120 | 2.88 | up | 0.00 |
| 1632975_at | CG4398 | 5.27 | down | 0.04 | 1625065_s_a | SK | 22.06 | down | 0.01 | 1638862_at | CG15553 | 2.86 | up | 0.01 |
| 1628604_at | D | 5.25 | down | 0.00 | 1627752_s_a | SK | 17.66 | down | 0.02 | 1624656_s_a | CG4293 | 2.86 | up | 0.00 |
| 1624969_s_a | CG17041 | 5.24 | down | 0.02 | 1639222_at | CG32191 | 4.72 | down | 0.00 | 1627348_at | CG5285 | 2.84 | up | 0.00 |
| 1634447_at | CG31140 | 5.22 | down | 0.00 | 1626665_at | CG7408 | 2.98 | down | 0.02 | 1623963_at | CG32115 | 2.84 | up | 0.01 |
| 1624725_at | CG9626 | 5.22 | down | 0.00 | 1633637_at | CG17026 | 7.17 | down | 0.00 | 1626204_at | --- | 2.82 | up | 0.02 |
| 1640260_at | Axs | 5.19 | down | 0.00 | 1629854_at | CG15743 | 2.04 | down | 0.00 | 1640236_at | CG4325 | 2.80 | up | 0.00 |
| 1641327_at | CG9416 | 5.19 | down | 0.01 | 1632932_a_a | CG33171 | 5.29 | down | 0.02 | 1630520_s_a | --- | 2.79 | up | 0.00 |
| 1635716_at | beat-VII /// C | 5.18 | down | 0.00 | 1639229_at | vkq | 4.42 | down | 0.07 | 1639341_at | CG14971 | 2.77 | up | 0.00 |
| 1639106_at | Grip | 5.17 | down | 0.00 | 1633272_at | CG9090 /// 1 | 2.98 | down | 0.02 | 1625459_at | CG3520 | 2.76 | up | 0.00 |
| 1631291_at | --- | 5.17 | down | 0.00 | 1627670_at | CG18788 | 2.37 | down | 0.00 | 1640505_at | CG34020 | 2.76 | up | 0.00 |
| 1635028_s_a | --- | 5.16 | down | 0.01 | 1628721_at | CG9864 /// 1 | 3.36 | down | 0.00 | AFFX-r2-Drc | --- | 2.75 | up | 0.00 |
| 1641675_at | so | 5.16 | down | 0.00 | 1638935_at | CG7091 | 3.23 | down | 0.00 | 1628639_at | CG5791 | 2.74 | up | 0.02 |
| 1638556_s_a | Oamb | 5.15 | down | 0.00 | 1623229_at | CG7881 | 3.21 | down | 0.09 | 1629479_a_a | fok | 2.73 | up | 0.00 |
| 1634295_at | hoe2 | 5.15 | down | 0.00 | 1626044_at | CG7628 | 5.27 | down | 0.02 | 1625571_at | CG5385 | 2.72 | up | 0.00 |
| 1626948_at | fd96Cb | 5.14 | down | 0.00 | 1633563_at | CG1637 | 2.21 | down | 0.01 | 1630766_at | CG13800 | 2.71 | up | 0.00 |
| 1624763_at | CG2556 /// 1 | 5.14 | down | 0.01 | 1639387_s_a | crq | 2.77 | down | 0.01 | 1628474_at | CG16712 | 2.69 | up | 0.00 |
| 1623103_at | CG14946 | 5.13 | down | 0.03 | 1631821_at | Sr-CI | 17.63 | down | 0.00 | 1633983_a_a | CG32046 | 2.69 | up | 0.00 |
| 1630605_at | CG16947 | 5.13 | down | 0.00 | 1626390_at | Ced-12 | 2.03 | down | 0.03 | 1623809_s_a | CG1354 | 2.67 | up | 0.00 |
| 1640058_at | CG8216 | 5.11 | down | 0.00 | 1630741_s_a | PGRP-LB | 6.08 | down | 0.00 | 1635330_at | CG5428 | 2.66 | up | 0.00 |
| 1635360_at | CG10830 | 5.10 | down | 0.00 | 1633106_at | CG6662 | 2.94 | down | 0.04 | 1630515_s_a | Glt | 2.65 | up | 0.00 |
| 1639211_at | --- | 5.08 | down | 0.00 | 1640097_at | Pxn | 6.32 | down | 0.02 | 1630333_at | Cpr50Ca | 2.65 | up | 0.01 |
| 1638681_at | pio | 5.08 | down | 0.00 | 1631111_at | CG6879 | 5.70 | down | 0.03 | 1630173_a_a | CG15745 | 2.65 | up | 0.00 |
| 1636461_at | CG3630 | 5.07 | down | 0.01 | 1641675_at | so | 5.07 | down | 0.00 | 1624863_a_a | CG8042 | 2.63 | up | 0.00 |
| 1636338_at | CG15021 | 5.06 | down | 0.01 | 1638681_at | pio | 3.51 | down | 0.07 | 1641642_at | CG6663 | 2.62 | up | 0.00 |
| 1633313_at | --- | 5.05 | down | 0.00 | 1637067_at | CG6074 | 9.82 | down | 0.00 | 1627007_at | CG4306 | 2.59 | up | 0.00 |
| 1630097_s_a | CG17834 | 5.05 | down | 0.00 | 1636374_at | CAH1 | 3.71 | down | 0.01 | 1633022_at | CG1316 /// 1 | 2.59 | up | 0.00 |

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|-------------|--------------|------|------|------|-------------|-------------|-------|------|------|-------------|--------------|------|----|------|
| 1633777_at | CG11221 | 5.05 | down | 0.00 | 1623693_a_a | drongo | 2.20 | down | 0.05 | 1623428_at | CG14933 /// | 2.57 | up | 0.01 |
| 1629819_s_a | Sema-2a | 5.04 | down | 0.01 | 1625688_at | CG6293 | 4.29 | down | 0.05 | 1636175_a_a | CG9084 | 2.57 | up | 0.02 |
| 1625071_a_a | Mlc2 | 5.03 | down | 0.00 | 1637113_s_a | CG15105 | 8.27 | down | 0.00 | 1640478_at | CG31777 | 2.57 | up | 0.00 |
| 1628289_at | ems | 5.03 | down | 0.00 | 1627852_at | CG14655 | 4.71 | down | 0.00 | 1633661_at | CG11377 | 2.56 | up | 0.00 |
| 1638424_at | CG10514 | 5.02 | down | 0.00 | 1640042_at | CG12299 | 3.87 | down | 0.05 | 1638496_at | --- | 2.55 | up | 0.00 |
| 1630237_a_a | Dll | 5.02 | down | 0.00 | 1641443_at | CG5418 | 3.98 | down | 0.00 | 1640884_at | CG15784 | 2.55 | up | 0.01 |
| 1623418_at | Cad96Ca | 5.02 | down | 0.00 | 1629033_at | CG2277 | 2.93 | down | 0.01 | 1626911_at | CG6495 | 2.54 | up | 0.00 |
| 1635199_at | CG6014 | 5.01 | down | 0.00 | 1635445_at | sls | 3.52 | down | 0.02 | 1629906_s_a | --- | 2.53 | up | 0.00 |
| 1630502_at | ana | 5.01 | down | 0.00 | 1636788_a_a | loqs | 2.20 | down | 0.01 | 1641489_at | CG33169 | 2.52 | up | 0.00 |
| 1639722_s_a | CG4239 | 5.00 | down | 0.00 | 1626560_at | AQP /// blw | 7.19 | down | 0.00 | 1629868_s_a | CG3838 | 2.52 | up | 0.00 |
| 1639778_at | CG18304 | 5.00 | down | 0.00 | 1628793_at | CG6106 | 2.66 | down | 0.01 | 1635723_s_a | CG33129 | 2.50 | up | 0.00 |
| 1623740_at | CG32154 | 4.99 | down | 0.00 | 1623919_a_a | kuk | 3.32 | down | 0.03 | 1637077_s_a | CG3777 /// 1 | 2.49 | up | 0.00 |
| 1639671_at | egr | 4.98 | down | 0.00 | 1625340_at | nonA | 2.81 | down | 0.05 | 1625720_at | CG12259 | 2.48 | up | 0.00 |
| 1640092_a_a | Ca-alpha1D | 4.97 | down | 0.00 | 1634452_s_a | endoA | 2.35 | down | 0.01 | 1637275_a_a | CG13335 /// | 2.47 | up | 0.01 |
| 1631710_at | KaiRIA | 4.97 | down | 0.00 | 1628778_at | itp | 13.18 | down | 0.00 | 1640828_at | CG8516 | 2.46 | up | 0.00 |
| 1629430_s_a | regucalcin | 4.96 | down | 0.00 | 1627259_a_a | ovo | 4.70 | down | 0.02 | 1637048_at | CG1662 | 2.46 | up | 0.00 |
| 1623083_at | CG1698 | 4.93 | down | 0.00 | 1629097_at | kni | 27.89 | down | 0.00 | 1623811_at | mRpL18 | 2.46 | up | 0.00 |
| 1634339_at | CG32694 | 4.92 | down | 0.01 | 1623144_at | ci | 3.14 | down | 0.01 | 1641568_a_a | CG11790 | 2.45 | up | 0.00 |
| 1640715_at | CG5376 | 4.91 | down | 0.00 | 1623415_at | dl | 5.00 | down | 0.02 | 1629452_at | CG5862 | 2.44 | up | 0.00 |
| 1630402_at | l(2)01289 | 4.91 | down | 0.01 | 1625195_s_a | shn | 2.38 | down | 0.07 | 1639615_s_a | CG30116 | 2.43 | up | 0.00 |
| 1625752_at | TpnC41C | 4.88 | down | 0.04 | 1635372_a_a | Zeelin1 | 3.36 | down | 0.01 | 1640590_at | CG32195 | 2.43 | up | 0.00 |
| 1627106_a_a | CG10237 | 4.88 | down | 0.01 | 1636600_a_a | Zeelin1 | 2.62 | down | 0.02 | 1639198_at | CG8635 | 2.42 | up | 0.00 |
| 1637795_at | CG7778 /// 1 | 4.86 | down | 0.01 | 1635584_s_a | Tm1 | 2.75 | down | 0.08 | 1635219_at | CG12883 | 2.42 | up | 0.00 |
| 1624398_at | CG8630 | 4.86 | down | 0.00 | 1629235_s_a | wupA | 3.04 | down | 0.01 | 1634106_at | CG11686 | 2.41 | up | 0.01 |
| 1634184_a_a | jp | 4.86 | down | 0.00 | 1641325_s_a | Tm2 | 5.17 | down | 0.02 | 1633572_at | CG13210 | 2.40 | up | 0.01 |
| 1636274_at | wgn | 4.85 | down | 0.00 | 1630456_at | Mbs | 5.07 | down | 0.01 | 1631370_at | CG30026 | 2.40 | up | 0.00 |
| 1623767_at | CG17839 | 4.85 | down | 0.01 | 1626016_s_a | tmod | 2.29 | down | 0.03 | 1626046_s_a | CG5585 /// 1 | 2.40 | up | 0.00 |
| 1625611_at | CG33115 | 4.85 | down | 0.02 | 1630509_at | Mp20 | 4.78 | down | 0.01 | 1636972_at | CG8003 | 2.39 | up | 0.00 |
| 1638697_at | CG5597 | 4.83 | down | 0.00 | 1631167_at | CG5023 | 3.60 | down | 0.10 | 1635886_s_a | --- | 2.39 | up | 0.00 |
| 1630014_at | --- | 4.83 | down | 0.01 | 1625071_a_a | Mlc2 | 6.39 | down | 0.01 | 1631604_at | CG9511 | 2.38 | up | 0.00 |
| 1631741_a_a | Ptp4E | 4.81 | down | 0.00 | 1623197_a_a | zormin | 3.98 | down | 0.00 | 1632772_at | CG15203 | 2.36 | up | 0.00 |
| 1630710_at | GluRIIA | 4.81 | down | 0.00 | 1639980_s_a | Mlp84B | 4.82 | down | 0.00 | 1625833_at | CG9896 | 2.36 | up | 0.00 |
| 1635328_at | Oamb | 4.80 | down | 0.00 | 1638818_at | Mlp60A | 6.15 | down | 0.01 | 1625569_at | CG7565 | 2.35 | up | 0.00 |
| 1623151_a_a | CG2010 | 4.79 | down | 0.01 | 1639940_at | disco | 11.33 | down | 0.00 | 1623885_at | alpha-Est1 | 2.33 | up | 0.00 |
| 1628778_at | itp | 4.78 | down | 0.01 | 1635661_at | CG14777 | 2.07 | down | 0.00 | 1628138_s_a | CG18166 /// | 2.33 | up | 0.00 |
| 1638204_s_a | cav | 4.78 | down | 0.00 | 1641096_s_a | orb2 | 2.41 | down | 0.07 | 1623327_at | --- | 2.33 | up | 0.00 |
| 1639439_at | CG2471 /// 1 | 4.76 | down | 0.00 | 1641310_at | ko | 2.65 | down | 0.03 | 1637680_at | Tsp42Eq | 2.33 | up | 0.01 |
| 1632106_at | CG9747 | 4.75 | down | 0.01 | 1627506_at | ed | 2.19 | down | 0.00 | 1626028_at | CG4783 | 2.32 | up | 0.04 |
| 1629597_a_a | Asph | 4.75 | down | 0.00 | 1624490_s_a | hb | 2.46 | down | 0.10 | 1630676_at | CG30116 | 2.32 | up | 0.00 |
| 1639956_at | CG17760 | 4.74 | down | 0.01 | 1634063_a_a | stumps | 3.35 | down | 0.00 | 1636544_at | CG7011 | 2.32 | up | 0.00 |
| 1624435_at | Tsp42Ej | 4.74 | down | 0.00 | 1627135_at | bnl | 3.35 | down | 0.00 | 1623458_at | CG14899 /// | 2.32 | up | 0.00 |
| 1627961_a_a | CG18507 | 4.73 | down | 0.00 | 1631994_a_a | Mocs1 | 4.70 | down | 0.00 | 1639665_at | CG7878 | 2.31 | up | 0.00 |
| 1623555_at | CG10131 | 4.73 | down | 0.03 | 1641048_a_a | toc | 2.14 | down | 0.07 | 1628503_at | CG30424 | 2.30 | up | 0.00 |

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|-------------------------|------|------|------|-------------------------|-------|------|------|-------------------------|------|----|------|
| 1629697_a_a beat-VII | 4.73 | down | 0.00 | 1637687_at ct | 2.28 | down | 0.06 | 1641265_at tty | 2.30 | up | 0.02 |
| 1641337_at CG11617 | 4.73 | down | 0.00 | 1625385_at ct | 2.17 | down | 0.02 | 1628091_at CG8060 | 2.30 | up | 0.01 |
| 1639867_at ea | 4.71 | down | 0.00 | 1629015_a_a DAAM | 3.22 | down | 0.02 | 1627402_a_a CG7630 | 2.29 | up | 0.00 |
| 1638703_a_a CG32048 | 4.69 | down | 0.00 | 1636950_at CG11077 | 3.05 | down | 0.01 | 1640060_at CG33096 | 2.29 | up | 0.01 |
| 1632337_at Sur | 4.68 | down | 0.00 | 1626294_a_a stai | 2.52 | down | 0.07 | 1627505_at CG12159 | 2.29 | up | 0.00 |
| 1623755_at Ten-a | 4.68 | down | 0.01 | 1634487_at tau | 2.85 | down | 0.00 | 1634191_at CG6398 /// 1 | 2.28 | up | 0.00 |
| 1635945_at CG15394 | 4.67 | down | 0.00 | 1637144_a_a Map205 | 2.12 | down | 0.01 | 1634237_at l(2)34Fa | 2.28 | up | 0.00 |
| 1636956_at Hsc70-1 | 4.67 | down | 0.00 | 1635619_a_a cnn | 4.57 | down | 0.00 | 1637978_at CG10194 | 2.27 | up | 0.00 |
| 1639653_at cln3 | 4.66 | down | 0.04 | 1641371_at CG2070 | 4.11 | down | 0.04 | 1627405_at CG14966 | 2.26 | up | 0.00 |
| 1627272_at CG30380 | 4.63 | down | 0.01 | 1630212_at CG2065 | 3.78 | down | 0.01 | 1639971_at CG12224 | 2.25 | up | 0.01 |
| 1639380_a_a Hsc70-1 | 4.61 | down | 0.03 | 1622901_at CG9993 | 3.37 | down | 0.09 | 1632227_at CG16890 | 2.24 | up | 0.00 |
| 1631994_a_a Mocs1 | 4.60 | down | 0.00 | 1623201_at CG5783 | 2.86 | down | 0.00 | 1623356_at CG11999 | 2.24 | up | 0.00 |
| 1631326_at CG6416 | 4.56 | down | 0.00 | 1623959_at CG1532 /// 1 | 2.83 | down | 0.01 | 1634238_a_a CG9628 | 2.24 | up | 0.00 |
| 1628087_s_a CG10200 /// | 4.56 | down | 0.05 | 1636674_at CG11407 | 2.70 | down | 0.02 | 1638207_at CG15617 | 2.24 | up | 0.01 |
| 1633533_at CG6329 | 4.55 | down | 0.00 | 1640159_at CG13377 | 2.49 | down | 0.04 | 1640673_at Noa36 | 2.24 | up | 0.00 |
| 1630129_at CG32355 | 4.55 | down | 0.00 | 1637973_a_a CG4407 | 2.47 | down | 0.02 | 1622946_at CG6908 | 2.24 | up | 0.06 |
| 1636835_at CG16700 | 4.54 | down | 0.01 | 1632782_a_a CG6765 | 2.41 | down | 0.03 | 1624222_s_a CG15814 /// | 2.24 | up | 0.00 |
| 1640279_at CG31869 | 4.54 | down | 0.01 | 1627015_at sni | 2.07 | down | 0.01 | 1629634_at CG1531 | 2.23 | up | 0.00 |
| 1628766_at CG4984 | 4.53 | down | 0.01 | 1640867_s_a htl | 12.28 | down | 0.01 | 1633380_at CG12128 | 2.22 | up | 0.00 |
| 1628861_at CG7120 | 4.52 | down | 0.00 | 1623594_at blow | 14.22 | down | 0.00 | 1637983_s_a CG10365 | 2.21 | up | 0.00 |
| 1634102_at sls | 4.52 | down | 0.00 | 1635000_at Glycogenin | 3.62 | down | 0.04 | 1628283_at CG1575 | 2.20 | up | 0.00 |
| 1634084_at CG4213 | 4.52 | down | 0.00 | 1626221_at Glycogenin | 3.21 | down | 0.04 | 1634299_at CG7810 | 2.20 | up | 0.01 |
| 1634140_a_a CG11155 | 4.48 | down | 0.00 | 1624731_s_a CG33205 | 4.89 | down | 0.01 | 1636280_s_a CG12360 | 2.20 | up | 0.00 |
| 1624371_a_a CG7356 | 4.48 | down | 0.00 | 1629383_a_a CG6416 | 4.09 | down | 0.05 | 1627634_at CG15098 | 2.20 | up | 0.00 |
| 1629091_at CG5177 | 4.48 | down | 0.01 | 1632121_a_a CG6416 | 4.03 | down | 0.01 | 1629088_at CG3911 | 2.19 | up | 0.00 |
| 1636057_at CG9572 | 4.47 | down | 0.01 | 1631326_at CG6416 | 2.62 | down | 0.03 | 1635538_at CG11210 | 2.18 | up | 0.00 |
| 1637301_a_a slo | 4.47 | down | 0.00 | 1636450_at --- | 2.26 | down | 0.02 | 1633389_at CG12404 | 2.17 | up | 0.00 |
| 1630468_at CG15247 | 4.44 | down | 0.00 | 1628465_a_a CG34417 | 2.09 | down | 0.01 | 1634922_s_a CG32795 | 2.17 | up | 0.00 |
| 1628875_at pain | 4.43 | down | 0.00 | 1633048_at CG8193 | 11.20 | down | 0.00 | 1629791_at CG17271 | 2.17 | up | 0.00 |
| 1627852_at CG14655 | 4.42 | down | 0.00 | 1640260_at Axs | 9.06 | down | 0.00 | 1640980_at CG7218 | 2.16 | up | 0.00 |
| 1638240_s_a CG8785 | 4.42 | down | 0.00 | 1628677_at Pkcdelta | 2.98 | down | 0.01 | 1627801_at CG9497 | 2.16 | up | 0.00 |
| 1639528_at CG3252 | 4.42 | down | 0.01 | 1629859_s_a vap | 2.10 | down | 0.03 | 1640154_at CG5004 | 2.15 | up | 0.00 |
| 1636880_s_a cpx | 4.41 | down | 0.00 | 1639074_at CG33275 | 4.60 | down | 0.01 | 1640356_a_a CG10671 | 2.15 | up | 0.00 |
| 1624731_s_a CG33205 | 4.41 | down | 0.01 | 1634125_at CG30440 | 3.92 | down | 0.06 | 1630700_at --- | 2.14 | up | 0.05 |
| 1638780_at GluRIIE | 4.40 | down | 0.00 | 1637641_at Mkp3 | 2.16 | down | 0.06 | 1631745_at CG6766 | 2.13 | up | 0.00 |
| 1637460_at CG30190 | 4.40 | down | 0.00 | 1635677_a_a sty | 3.13 | down | 0.06 | 1633293_at CG10157 | 2.12 | up | 0.00 |
| 1623006_at SerT | 4.38 | down | 0.00 | 1635819_at sty | 2.79 | down | 0.02 | 1627789_at CG11444 | 2.12 | up | 0.01 |
| 1639406_at lbm | 4.37 | down | 0.00 | 1623846_at disco-r | 16.51 | down | 0.00 | 1635980_s_a CG12991 | 2.11 | up | 0.00 |
| 1640870_s_a CG17322 | 4.36 | down | 0.00 | 1638246_at CG5804 | 3.30 | down | 0.09 | 1625992_s_a CG34413 | 2.11 | up | 0.00 |
| 1628867_s_a CG33334 /// | 4.36 | down | 0.00 | 1640991_at CG32091 | 6.58 | down | 0.02 | 1633872_at CG15673 | 2.10 | up | 0.08 |
| 1626397_at bt | 4.34 | down | 0.01 | 1633039_at CG5646 | 3.95 | down | 0.00 | 1633477_at CG10496 | 2.10 | up | 0.00 |
| 1636493_at dei | 4.34 | down | 0.00 | 1634099_at rdgB | 4.03 | down | 0.02 | 1630516_at CG14615 | 2.10 | up | 0.01 |
| 1625972_at CG31999 | 4.33 | down | 0.00 | 1627239_s_a CG17034 | 2.06 | down | 0.01 | 1635475_at corn | 2.10 | up | 0.00 |

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| 1637957_s_a Rbp9 | 4.32 | down | 0.00 |
| 1630999_at CG7724 | 4.31 | down | 0.00 |
| 1634660_at mrt | 4.31 | down | 0.00 |
| 1632943_a_a bru-3 | 4.30 | down | 0.00 |
| 1631167_at CG5023 | 4.30 | down | 0.04 |
| 1640350_at fau | 4.28 | down | 0.01 |
| 1624660_at Ptp10D | 4.27 | down | 0.00 |
| 1638365_at CG3244 | 4.26 | down | 0.01 |
| 1634398_a_a DI | 4.26 | down | 0.00 |
| 1633290_a_a --- | 4.26 | down | 0.01 |
| 1639980_s_a Mlp84B | 4.26 | down | 0.03 |
| 1639028_a_a CG30296 | 4.26 | down | 0.00 |
| 1633723_at mav | 4.24 | down | 0.00 |
| 1632238_at CG13248 | 4.24 | down | 0.00 |
| 1628793_at CG6106 | 4.23 | down | 0.00 |
| 1635976_at CG9977 | 4.22 | down | 0.01 |
| 1633914_at Gal | 4.22 | down | 0.00 |
| 1624806_at yellow-g | 4.21 | down | 0.03 |
| 1633272_at CG9090 /// 1 | 4.18 | down | 0.03 |
| 1638852_at CHKov2 | 4.17 | down | 0.01 |
| 1625314_at CG2022 | 4.16 | down | 0.00 |
| 1633088_at CG4733 /// 1 | 4.15 | down | 0.00 |
| 1629551_s_a CG12268 | 4.14 | down | 0.03 |
| 1637438_at Wnt2 | 4.13 | down | 0.01 |
| 1640991_at CG32091 | 4.13 | down | 0.02 |
| 1630679_at CG1961 /// 1 | 4.12 | down | 0.06 |
| 1639690_a_a sba | 4.09 | down | 0.01 |
| 1626739_s_a GluRIIC | 4.08 | down | 0.00 |
| 1624467_a_a CG8046 | 4.07 | down | 0.01 |
| 1640627_at ds | 4.06 | down | 0.00 |
| 1637626_at CG15412 | 4.06 | down | 0.00 |
| 1640039_at CG13681 | 4.03 | down | 0.00 |
| 1627955_a_a Asator | 4.03 | down | 0.00 |
| 1632666_at LanB2 | 4.02 | down | 0.00 |
| 1631999_at CG10710 | 4.01 | down | 0.00 |
| 1638818_at Mlp60A | 4.01 | down | 0.06 |
| 1641167_s_a CG7047 | 4.01 | down | 0.00 |
| 1628952_s_a Fur1 | 4.00 | down | 0.02 |
| 1628821_at CG17027 | 4.00 | down | 0.00 |
| 1623429_at CG11073 | 3.99 | down | 0.00 |
| 1635198_at CG10483 | 3.98 | down | 0.01 |
| 1634012_at CG5002 | 3.98 | down | 0.05 |
| 1623364_at CG4250 | 3.97 | down | 0.02 |

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| 1634447_at CG31140 | 4.87 | down | 0.00 |
| 1630359_at CG31810 | 5.57 | down | 0.07 |
| 1630244_s_a CG31809 /// | 3.07 | down | 0.01 |
| 1641412_at CG31809 | 2.40 | down | 0.00 |
| 1639269_a_a Pdh | 5.55 | down | 0.01 |
| 1640496_at NPC1 | 2.27 | down | 0.05 |
| 1632106_at CG9747 | 6.16 | down | 0.00 |
| 1624398_at CG8630 | 3.60 | down | 0.01 |
| 1623555_at CG10131 | 19.11 | down | 0.00 |
| 1629511_at CG5326 | 2.74 | down | 0.08 |
| 1626988_at CG6805 | 2.04 | down | 0.00 |
| 1623681_at CG10163 | 3.63 | down | 0.01 |
| 1633300_at CG13282 | 13.65 | down | 0.00 |
| 1623325_at CG6847 /// 1 | 2.75 | down | 0.06 |
| 1636742_at nord | 5.56 | down | 0.05 |
| 1634660_at mrt | 2.55 | down | 0.09 |
| 1627773_a_a Jheh2 | 10.17 | down | 0.00 |
| 1628177_at jhamt | 17.07 | down | 0.00 |
| 1641558_at CG31005 | 2.74 | down | 0.02 |
| 1633032_s_a CG8177 /// 1 | 3.36 | down | 0.00 |
| 1628930_at swi2 | 5.63 | down | 0.10 |
| 1622970_at form3 | 7.76 | down | 0.03 |
| 1626263_at CG7510 | 2.87 | down | 0.07 |
| 1629898_s_a CG10737 | 2.35 | down | 0.03 |
| 1624618_at chrw | 2.86 | down | 0.00 |
| 1636838_a_a n-syb | 2.49 | down | 0.00 |
| 1627410_at Amph | 2.59 | down | 0.06 |
| 1638278_s_a Myo61F | 3.83 | down | 0.02 |
| 1640770_a_a Eip78C | 13.47 | down | 0.00 |
| 1637370_at yellow-f | 5.95 | down | 0.00 |
| 1630415_at Alh | 2.19 | down | 0.06 |
| 1635848_at Inos | 3.44 | down | 0.01 |
| 1629385_s_a --- | 6.00 | down | 0.00 |
| 1632067_at --- | 2.64 | down | 0.03 |
| 1631363_at CG8902 | 3.09 | down | 0.04 |
| 1623494_at ImpE3 | 2.06 | down | 0.01 |
| 1630399_at Cad99C | 2.21 | down | 0.06 |
| 1638048_at CG31119 | 2.15 | down | 0.05 |
| 1636063_at CG34355 /// | 4.34 | down | 0.01 |
| 1631552_at pyr | 3.93 | down | 0.08 |
| 1630642_at Pvf2 | 3.54 | down | 0.02 |
| 1626217_at Ipp | 3.27 | down | 0.01 |
| 1640640_at Cirl | 2.16 | down | 0.01 |

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| 1638549_at CG31460 | 2.09 | up | 0.01 |
| 1637733_at CG31063 | 2.09 | up | 0.00 |
| 1636316_a_a CG1531 | 2.09 | up | 0.00 |
| 1635361_at CG18806 | 2.08 | up | 0.00 |
| 1625814_at CG8230 | 2.08 | up | 0.00 |
| 1631610_at CG31886 | 2.07 | up | 0.00 |
| 1638169_s_a --- | 2.07 | up | 0.00 |
| 1624353_at CG32654 | 2.07 | up | 0.00 |
| 1632030_at CG31454 | 2.07 | up | 0.03 |
| 1625389_at CG8209 | 2.06 | up | 0.00 |
| 1624943_at CG1636 | 2.04 | up | 0.00 |
| 1637715_a_a metl | 2.04 | up | 0.00 |
| 1640734_a_a CG16718 | 2.03 | up | 0.00 |
| 1640451_at CG10863 | 2.03 | up | 0.01 |
| 1634935_a_a CG1648 | 2.03 | up | 0.01 |
| 1638796_at CG6195 | 2.03 | up | 0.00 |
| 1623633_at CG2034 | 2.03 | up | 0.00 |
| 1634159_s_a CG31917 | 2.03 | up | 0.02 |
| 1625592_s_a CG11307 | 2.03 | up | 0.01 |
| 1637926_s_a CG14084 | 2.02 | up | 0.00 |
| 1639048_a_a CG8229 /// 1 | 2.02 | up | 0.01 |
| 1624819_s_a --- | 2.01 | up | 0.01 |
| 1633547_a_a CG13211 | 2.01 | up | 0.00 |
| 1635165_a_a CG12090 /// | 2.01 | up | 0.00 |
| 1630332_at CG3652 | 2.01 | up | 0.00 |
| 1632338_a_a CG33523 | 2.00 | up | 0.01 |
| 1625282_at CG13722 | 1.99 | up | 0.00 |
| 1631577_a_a CG3760 /// 1 | 1.99 | up | 0.00 |
| 1627979_at Wnt6 | 2.27 | down | 0.00 |
| 1637438_at Wnt2 | 3.04 | down | 0.00 |
| 1639502_at CG8942 | 17.65 | down | 0.00 |
| 1625611_at CG33115 | 14.61 | down | 0.00 |
| 1630361_at nkd | 2.20 | down | 0.01 |
| 1627430_at CG8888 | 32.21 | down | 0.00 |
| 1623103_at CG14946 | 12.34 | down | 0.00 |
| 1637462_at CG13833 | 3.94 | down | 0.00 |
| 1624109_s_a CG31522 | 4.78 | down | 0.00 |
| 1640736_at b | 3.77 | down | 0.00 |
| 1639624_at CG6688 | 16.21 | down | 0.00 |
| 1631371_s_a Pde8 | 8.97 | down | 0.00 |
| 1633054_at CG14057 | 4.32 | down | 0.00 |
| 1636244_s_a CG5191 | 2.05 | down | 0.00 |
| 1636994_at CG14712 | 2.06 | down | 0.01 |

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|-------------|-------------|------|------|------|
| 1628591_at | Cyp313a3 | 3.97 | down | 0.00 |
| 1631105_at | Tsp96F | 3.96 | down | 0.00 |
| 1626341_at | CG14122 | 3.95 | down | 0.00 |
| 1631447_at | CG10307 | 3.95 | down | 0.00 |
| 1633452_a_a | Rya-r44F | 3.94 | down | 0.01 |
| 1627773_a_a | Jheh2 | 3.94 | down | 0.00 |
| 1633720_s_a | CG8795 | 3.94 | down | 0.00 |
| 1633174_at | stg | 3.93 | down | 0.06 |
| 1635644_at | CG33203 | 3.93 | down | 0.00 |
| 1638154_at | CG2187 | 3.92 | down | 0.01 |
| 1638051_at | CG17323 | 3.92 | down | 0.00 |
| 1623681_at | CG10163 | 3.92 | down | 0.01 |
| 1631454_a_a | pio | 3.90 | down | 0.00 |
| 1624705_a_a | fax | 3.89 | down | 0.01 |
| 1638505_at | t | 3.89 | down | 0.00 |
| 1628646_at | CG18507 | 3.88 | down | 0.01 |
| 1627704_a_a | Traf1 | 3.87 | down | 0.01 |
| 1636059_at | CG9689 | 3.87 | down | 0.00 |
| 1633366_at | CG12455 | 3.86 | down | 0.00 |
| 1638277_at | CG11550 | 3.86 | down | 0.01 |
| 1635000_at | Glycogenin | 3.85 | down | 0.00 |
| 1639834_at | CG14291 /// | 3.84 | down | 0.01 |
| 1623117_at | CG31781 | 3.84 | down | 0.00 |
| 1625559_a_a | CG30217 | 3.84 | down | 0.01 |
| 1640974_a_a | CG33143 | 3.83 | down | 0.01 |
| 1629243_at | Dab | 3.82 | down | 0.01 |
| 1629857_at | CG10359 | 3.81 | down | 0.04 |
| 1640390_at | CG3649 | 3.80 | down | 0.02 |
| 1637853_a_a | Hk | 3.79 | down | 0.00 |
| 1624838_a_a | sNPF | 3.78 | down | 0.07 |
| 1634667_at | CG11099 /// | 3.76 | down | 0.00 |
| 1634315_a_a | CG32982 | 3.76 | down | 0.00 |
| 1639588_at | CG5073 | 3.76 | down | 0.00 |
| 1640405_at | l(2)01810 | 3.75 | down | 0.01 |
| 1632490_at | CG8008 | 3.75 | down | 0.01 |
| 1629442_at | egr | 3.75 | down | 0.00 |
| 1630762_at | CG9918 | 3.74 | down | 0.00 |
| 1627870_at | CG31900 | 3.74 | down | 0.03 |
| 1634804_at | CG15819 | 3.74 | down | 0.00 |
| 1639033_at | l(2)01289 | 3.73 | down | 0.00 |
| 1641325_s_a | Tm2 | 3.73 | down | 0.01 |
| 1638789_at | fau | 3.73 | down | 0.01 |
| 1625196_a_a | CG14995 | 3.72 | down | 0.00 |

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|-------------|------------|-------|------|------|
| 1629066_at | GRHRII | 2.64 | down | 0.04 |
| 1626577_at | CG15556 | 11.60 | down | 0.00 |
| 1635227_at | ImpL3 | 5.49 | down | 0.00 |
| 1624467_a_a | CG8046 | 8.85 | down | 0.00 |
| 1630653_a_a | Gs2 | 2.24 | down | 0.01 |
| 1635151_at | COQ7 | 3.15 | down | 0.00 |
| 1633174_at | stg | 5.32 | down | 0.05 |
| 1637257_at | CG9009 | 4.61 | down | 0.01 |
| 1637109_s_a | CG3961 | 4.55 | down | 0.01 |
| 1634016_at | CG2781 | 2.71 | down | 0.05 |
| 1639230_at | v(2)k05816 | 3.26 | down | 0.05 |
| 1624393_at | w | 3.39 | down | 0.02 |
| 1627704_a_a | Traf1 | 4.17 | down | 0.01 |
| 1641578_at | argos | 2.33 | down | 0.05 |
| 1631231_at | fz | 5.47 | down | 0.00 |
| 1639883_at | fz | 2.68 | down | 0.03 |
| 1636612_a_a | pk | 9.35 | down | 0.02 |
| 1639275_at | in | 2.35 | down | 0.01 |
| 1640654_at | He | 2.19 | down | 0.01 |
| 1624121_at | knk | 2.56 | down | 0.04 |
| 1625719_at | Atpalpha | 2.32 | down | 0.07 |
| 1641068_a_a | spz | 2.99 | down | 0.01 |
| 1627656_at | grk | 6.10 | down | 0.01 |
| 1624939_at | Cyp6a21 | 7.49 | down | 0.00 |
| 1634139_at | Cyp301a1 | 5.04 | down | 0.05 |
| 1632021_at | Cyp6a20 | 2.68 | down | 0.08 |
| 1628052_at | Cyp6a17 | 2.29 | down | 0.08 |
| 1640489_at | CG18522 | 3.15 | down | 0.03 |
| 1638441_a_a | CG18519 | 2.23 | down | 0.10 |
| 1632530_s_a | CG8776 | 9.34 | down | 0.00 |
| 1633460_at | CG6034 | 8.56 | down | 0.00 |
| 1625901_s_a | --- | 5.44 | down | 0.04 |
| 1624159_at | Cyp9h1 | 3.47 | down | 0.02 |
| 1633252_at | CG31714 | 2.31 | down | 0.01 |
| 1640667_at | Cyp4ae1 | 2.17 | down | 0.01 |
| 1639406_at | lbn | 5.42 | down | 0.00 |
| 1630290_at | mld | 3.67 | down | 0.10 |
| 1641317_at | squ | 4.97 | down | 0.04 |
| 1623586_a_a | pyx | 5.07 | down | 0.05 |
| 1631526_s_a | CG31284 | 10.68 | down | 0.01 |
| 1625109_at | Rrp1 | 2.43 | down | 0.02 |
| 1640223_a_a | trol | 13.36 | down | 0.00 |
| 1625116_at | trol | 6.62 | down | 0.01 |

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| 1634846_a_a | l(1)G0156 | 2.11 | down | 0.01 |
| 1635692_s_a | Treh | 2.43 | down | 0.00 |
| 1638359_s_a | CG14478 | 3.63 | down | 0.00 |
| 1626386_at | Cpr57A | 2.83 | down | 0.00 |
| 1634121_at | Obp57c | 4.21 | down | 0.01 |
| 1626586_at | Obp57a | 3.23 | down | 0.00 |
| 1641288_at | Obp57b | 2.07 | down | 0.00 |
| 1624854_s_a | Lis-1 | 2.47 | down | 0.00 |
| 1634597_a_a | CG33970 | 3.25 | down | 0.00 |
| 1635732_at | CG6915 /// | 2.72 | down | 0.01 |
| 1623659_at | Obp56d | 7.26 | down | 0.01 |
| 1640310_at | CG9444 | 2.10 | down | 0.00 |
| 1628739_at | CG33528 | 2.48 | down | 0.01 |
| 1623006_at | SerT | 2.41 | down | 0.00 |
| 1636880_s_a | cpx | 9.77 | down | 0.00 |
| 1628659_at | Mdr49 | 6.35 | down | 0.00 |
| 1623212_s_a | tamo | 2.35 | down | 0.00 |
| 1623777_s_a | CG1358 | 56.96 | down | 0.00 |
| 1634418_at | CG33281 | 4.33 | down | 0.00 |
| 1637301_a_a | slo | 3.14 | down | 0.00 |
| 1641501_a_a | Sh | 4.20 | down | 0.00 |
| 1623933_at | Sh | 3.81 | down | 0.00 |
| 1626802_a_a | Sh | 3.30 | down | 0.00 |
| 1638398_at | Shal | 15.94 | down | 0.00 |
| 1632961_at | Shaw | 5.45 | down | 0.00 |
| 1626468_a_a | KCNQ | 2.56 | down | 0.00 |
| 1629418_s_a | sei | 5.86 | down | 0.00 |
| 1635292_at | CG34396 | 3.46 | down | 0.00 |
| 1634512_at | CG5226 | 2.94 | down | 0.00 |
| 1632963_at | CG4963 | 2.82 | down | 0.00 |
| 1627830_at | rpk | 3.99 | down | 0.06 |
| 1634229_at | CG8713 | 6.14 | down | 0.00 |
| 1624344_at | CG17922 | 2.22 | down | 0.02 |
| 1631710_at | KaiRIA | 7.15 | down | 0.00 |
| 1638780_at | GluRIIE | 7.48 | down | 0.00 |
| 1634140_a_a | CG11155 | 3.44 | down | 0.00 |
| 1626426_at | CG11155 | 2.67 | down | 0.00 |
| 1626739_s_a | GluRIIC | 9.42 | down | 0.00 |
| 1630710_at | GluRIIA | 10.49 | down | 0.00 |
| 1627435_at | clumsy | 9.88 | down | 0.00 |
| 1625654_at | GluRIIB | 3.08 | down | 0.00 |
| 1630181_at | CG9194 | 5.63 | down | 0.00 |
| 1627795_at | Ir | 3.79 | down | 0.00 |

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|------------------------|------|------|------|
| 1640534_s_a CaMKII | 3.72 | down | 0.01 |
| 1631548_at CG30196 | 3.71 | down | 0.01 |
| 1629723_at CG14714 | 3.71 | down | 0.01 |
| 1627400_a_a CG5613 | 3.71 | down | 0.00 |
| 1629804_s_a CG6329 | 3.70 | down | 0.03 |
| 1636148_at CG6553 | 3.70 | down | 0.04 |
| 1641288_at Obp57b | 3.69 | down | 0.01 |
| 1630150_s_a Cg25C | 3.68 | down | 0.03 |
| 1626089_at CG32234 | 3.68 | down | 0.01 |
| 1637109_s_a CG3961 | 3.66 | down | 0.00 |
| 1632231_a_a Mhcl | 3.65 | down | 0.00 |
| 1623658_at CG13306 | 3.63 | down | 0.01 |
| 1634136_at CG2157 | 3.62 | down | 0.02 |
| 1638176_at Magi | 3.62 | down | 0.01 |
| 1630509_at Mp20 | 3.62 | down | 0.03 |
| 1640957_at Hexo2 | 3.62 | down | 0.00 |
| 1633637_at CG17026 | 3.61 | down | 0.01 |
| 1628231_at Ac76E | 3.61 | down | 0.00 |
| 1639535_at pgant2 | 3.61 | down | 0.01 |
| 1631380_s_a LanB1 | 3.61 | down | 0.00 |
| 1627795_at Ir | 3.61 | down | 0.02 |
| 1633157_a_a igl | 3.61 | down | 0.04 |
| 1626468_a_a KCNQ | 3.60 | down | 0.00 |
| 1628439_s_a --- | 3.60 | down | 0.00 |
| 1630045_at Segalpha | 3.59 | down | 0.00 |
| 1623709_at CG14854 | 3.58 | down | 0.02 |
| 1626016_s_a tmod | 3.58 | down | 0.00 |
| 1626470_at CG10440 | 3.58 | down | 0.01 |
| 1641272_at CG34352 /// | 3.57 | down | 0.02 |
| 1638400_at CG8503 | 3.56 | down | 0.00 |
| 1639001_a_a alpha-Est9 | 3.56 | down | 0.00 |
| 1630161_at fau | 3.56 | down | 0.01 |
| 1634742_at Sodh-2 | 3.56 | down | 0.00 |
| 1634659_at Dl | 3.55 | down | 0.00 |
| 1636728_at Ptr | 3.55 | down | 0.01 |
| 1629152_at CG31451 | 3.55 | down | 0.00 |
| 1637462_at CG13833 | 3.54 | down | 0.00 |
| 1633039_at CG5646 | 3.54 | down | 0.00 |
| 1641330_at CG32212 | 3.54 | down | 0.01 |
| 1632339_s_a cher | 3.53 | down | 0.00 |
| 1631217_a_a TpnC73F | 3.53 | down | 0.04 |
| 1631224_at Est-6 | 3.53 | down | 0.00 |
| 1639203_at CG32556 | 3.52 | down | 0.02 |

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| 1641442_a_a trol | 4.60 | down | 0.06 |
| 1641082_at Corp | 2.51 | down | 0.00 |
| 1629091_at CG5177 | 5.65 | down | 0.01 |
| 1634207_at CG16799 /// | 3.99 | down | 0.00 |
| 1639106_at Grip | 4.15 | down | 0.00 |
| 1625691_at Tre1 | 4.52 | down | 0.00 |
| 1625012_s_a vir-1 | 3.44 | down | 0.00 |
| 1629857_at CG10359 | 15.95 | down | 0.00 |
| 1630430_a_a CG30437 | 5.69 | down | 0.01 |
| 1641429_at GstE2 | 2.35 | down | 0.02 |
| 1635701_at GstD3 | 2.29 | down | 0.02 |
| 1639019_s_a CG33470 /// | 2.52 | down | 0.01 |
| 1634271_at Def | 7.66 | down | 0.00 |
| 1633145_at PGRP-LF | 3.40 | down | 0.03 |
| 1641530_s_a CG2264 | 8.02 | down | 0.00 |
| 1625740_at CG7466 | 2.21 | down | 0.04 |
| 1640681_at CG4950 | 20.85 | down | 0.00 |
| 1631280_at CG9095 | 2.07 | down | 0.03 |
| 1631327_at mspo | 10.41 | down | 0.00 |
| 1630375_at Mec2 | 9.26 | down | 0.03 |
| 1636348_s_a Act87E | 4.48 | down | 0.04 |
| 1628867_s_a CG33334 /// | 4.02 | down | 0.00 |
| 1634170_a_a jbug | 3.90 | down | 0.07 |
| 1638678_at CG6522 | 2.85 | down | 0.01 |
| 1633144_at jbug | 2.35 | down | 0.05 |
| 1624744_a_a nuf | 2.47 | down | 0.02 |
| 1635460_a_a Mhc | 3.12 | down | 0.00 |
| 1634574_a_a Strn-Mlck | 2.21 | down | 0.01 |
| 1625210_a_a Msp-300 | 9.59 | down | 0.00 |
| 1623785_a_a pbl | 5.22 | down | 0.01 |
| 1632231_a_a Mhcl | 2.27 | down | 0.03 |
| 1637312_a_a br | 2.09 | down | 0.09 |
| 1635223_at CG30285 | 3.09 | down | 0.00 |
| 1630584_at CG10657 | 10.14 | down | 0.00 |
| 1627106_a_a CG10237 | 4.85 | down | 0.00 |
| 1632574_at CG6574 | 2.18 | down | 0.06 |
| 1630635_s_a CG7720 | 2.56 | down | 0.02 |
| 1627596_at CG4446 | 9.03 | down | 0.01 |
| 1640214_at CG31216 | 2.86 | down | 0.02 |
| 1634310_at TpnC4 | 9.08 | down | 0.00 |
| 1631639_at TpnC47D | 8.64 | down | 0.00 |
| 1632633_at TpnC25D | 7.07 | down | 0.01 |
| 1631217_a_a TpnC73F | 3.53 | down | 0.05 |

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|-------------------------|-------|------|------|
| 1638466_a_a Irk2 | 2.16 | down | 0.02 |
| 1625215_s_a nrv2 | 4.05 | down | 0.00 |
| 1625955_a_a CG32000 | 2.48 | down | 0.00 |
| 1632285_at CG2165 /// | 3.27 | down | 0.00 |
| 1636669_at Ca-P60A | 8.20 | down | 0.00 |
| 1641059_at Ca-P60A | 3.12 | down | 0.00 |
| 1635683_at CG6136 | 2.68 | down | 0.00 |
| 1628875_at pain | 4.67 | down | 0.00 |
| 1637534_at olf186-F | 3.77 | down | 0.01 |
| 1625514_s_a olf186-F | 2.60 | down | 0.00 |
| 1633452_a_a Rya-r44F | 7.61 | down | 0.00 |
| 1624670_at CG7589 | 36.19 | down | 0.00 |
| 1625140_at NtR | 28.30 | down | 0.00 |
| 1625023_a_a nAcRbeta-2 | 15.31 | down | 0.00 |
| 1627617_at Best1 | 4.51 | down | 0.00 |
| 1636377_at pHCl | 2.41 | down | 0.00 |
| 1627821_s_a Syt7 | 3.41 | down | 0.00 |
| 1639825_at comt | 3.70 | down | 0.00 |
| 1635494_at Bc | 11.16 | down | 0.00 |
| 1623112_at CG4509 | 16.90 | down | 0.00 |
| 1632666_at LanB2 | 3.36 | down | 0.00 |
| 1634138_at CG7333 | 75.29 | down | 0.00 |
| 1629428_at CG7342 | 7.62 | down | 0.00 |
| 1639720_at CG6600 | 3.57 | down | 0.00 |
| 1639504_at CG14855 | 2.97 | down | 0.00 |
| 1627000_s_a CG6231 | 2.40 | down | 0.00 |
| 1635914_at CG10413 | 4.65 | down | 0.00 |
| 1634991_at CG8083 | 3.02 | down | 0.00 |
| 1635031_s_a CG11147 | 16.43 | down | 0.00 |
| 1631715_at CG14872 | 7.62 | down | 0.00 |
| 1638277_at CG11550 | 2.86 | down | 0.00 |
| 1630784_a_a CG9990 | 2.52 | down | 0.00 |
| 1632118_s_a CG31121 | 2.18 | down | 0.01 |
| 1639653_at cln3 | 9.78 | down | 0.00 |
| 1633115_a_a C3G | 4.17 | down | 0.00 |
| 1624989_s_a Ef1alpha10C | 5.52 | down | 0.00 |
| 1637263_at mRpL45 | 2.11 | down | 0.00 |
| 1633427_at CG7582 | 9.42 | down | 0.00 |
| 1638139_at CG31664 | 12.40 | down | 0.00 |
| 1633723_at mav | 8.36 | down | 0.00 |
| 1640730_at pygo | 2.59 | down | 0.02 |
| 1635813_at mia | 2.23 | down | 0.00 |
| 1625940_s_a sim | 8.89 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1623094_at | Tsp42Ei | 3.52 | down | 0.00 |
| 1631323_a_a | CG2663 | 3.52 | down | 0.07 |
| 1635683_at | CG6136 | 3.52 | down | 0.01 |
| 1624151_a_a | Ccn | 3.51 | down | 0.00 |
| 1624568_at | CG7985 | 3.51 | down | 0.00 |
| 1629889_s_a | regucalcin | 3.51 | down | 0.01 |
| 1633410_at | CG2975 | 3.51 | down | 0.00 |
| 1624503_at | CG4786 | 3.50 | down | 0.00 |
| 1630741_s_a | PGRP-LB | 3.49 | down | 0.00 |
| 1626077_s_a | CG11870 | 3.49 | down | 0.00 |
| 1624989_s_a | Ef1alpha10C | 3.49 | down | 0.01 |
| 1628677_at | Pkcdelta | 3.49 | down | 0.00 |
| 1641042_at | CG16820 | 3.48 | down | 0.04 |
| 1628105_a_a | Prm | 3.48 | down | 0.01 |
| 1633876_at | CG7110 | 3.48 | down | 0.00 |
| 1630463_at | --- | 3.48 | down | 0.01 |
| 1638892_at | CG5397 | 3.48 | down | 0.00 |
| 1623415_at | dl | 3.47 | down | 0.00 |
| 1635938_s_a | Ork1 | 3.47 | down | 0.02 |
| 1632067_at | --- | 3.47 | down | 0.00 |
| 1628964_at | CG4804 | 3.46 | down | 0.02 |
| 1626908_at | CG8066 | 3.45 | down | 0.00 |
| 1633611_s_a | CG32043 | 3.45 | down | 0.00 |
| 1635445_at | sls | 3.45 | down | 0.02 |
| 1632972_at | Nep3 | 3.43 | down | 0.01 |
| 1624939_at | Cyp6a21 | 3.42 | down | 0.02 |
| 1640300_at | CG33144 | 3.42 | down | 0.02 |
| 1627596_at | CG4446 | 3.41 | down | 0.01 |
| 1633459_a_a | fau | 3.40 | down | 0.03 |
| 1634310_at | TpnC4 | 3.38 | down | 0.03 |
| 1623747_at | CG5895 | 3.38 | down | 0.01 |
| 1632890_at | Sobp | 3.37 | down | 0.01 |
| 1631175_a_a | CG10283 | 3.37 | down | 0.00 |
| 1627259_a_a | ovo | 3.37 | down | 0.01 |
| 1635893_at | alpha-Est8 | 3.37 | down | 0.00 |
| 1626356_s_a | CG15316 /// | 3.36 | down | 0.05 |
| 1625654_at | GluRIIB | 3.35 | down | 0.00 |
| 1640342_at | CG6234 | 3.34 | down | 0.02 |
| 1633556_s_a | Dad | 3.33 | down | 0.00 |
| 1629785_a_a | Sp1 | 3.32 | down | 0.00 |
| 1634208_a_a | plx | 3.31 | down | 0.00 |
| 1629120_at | alpha-Man-I | 3.31 | down | 0.03 |
| 1626291_at | Cpr56F /// | 3.30 | down | 0.03 |

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|-------------|---------------|-------|------|------|
| 1632439_at | TpnC73F | 2.11 | down | 0.06 |
| 1626696_at | E(z) | 2.85 | down | 0.04 |
| 1623466_at | bab1 | 2.50 | down | 0.02 |
| 1624060_at | bab2 | 3.75 | down | 0.08 |
| 1631498_a_a | fru | 3.18 | down | 0.00 |
| 1637962_at | spir | 2.52 | down | 0.06 |
| 1635630_a_a | spir | 2.20 | down | 0.05 |
| 1626437_at | lectin-22C | 9.35 | down | 0.00 |
| 1628018_at | Hml | 21.01 | down | 0.00 |
| 1630085_s_a | Peritrophin- | 12.36 | down | 0.00 |
| 1627720_at | CG14301 | 11.77 | down | 0.00 |
| 1638612_at | obst-E | 7.96 | down | 0.00 |
| 1625321_a_a | CG7549 | 7.05 | down | 0.01 |
| 1628498_at | obst-E | 4.01 | down | 0.09 |
| 1640627_at | ds | 9.88 | down | 0.02 |
| 1630291_at | MtnB | 22.93 | down | 0.00 |
| 1630261_a_a | up | 3.69 | down | 0.02 |
| 1635283_at | CG31839 | 2.06 | down | 0.04 |
| 1628761_s_a | CG12207 | 2.30 | down | 0.06 |
| 1629819_s_a | Sema-2a | 11.72 | down | 0.00 |
| 1636728_at | Ptr | 8.67 | down | 0.01 |
| 1639928_a_a | CG30084 | 2.62 | down | 0.04 |
| 1630699_at | betaInt-nu | 3.39 | down | 0.07 |
| 1630043_a_a | alpha-catenin | 4.80 | down | 0.00 |
| 1632524_at | Wnt4 | 8.61 | down | 0.00 |
| 1634659_at | DI | 3.38 | down | 0.02 |
| 1634398_a_a | DI | 2.63 | down | 0.01 |
| 1623200_at | fng | 4.53 | down | 0.01 |
| 1630026_s_a | dpp | 2.21 | down | 0.07 |
| 1638125_a_a | msi | 5.21 | down | 0.06 |
| 1634325_a_a | MESK2 | 3.48 | down | 0.03 |
| 1626090_at | CG3973 /// | 2.41 | down | 0.10 |
| 1635403_at | shf | 3.51 | down | 0.07 |
| 1634766_at | Ser | 4.81 | down | 0.01 |
| 1627746_at | CG6124 /// | 25.10 | down | 0.00 |
| 1629794_at | iHog | 2.68 | down | 0.02 |
| 1625687_at | perd | 2.67 | down | 0.04 |
| 1633481_at | CG14394 | 2.09 | down | 0.02 |
| 1632298_s_a | mfas | 19.56 | down | 0.00 |
| 1637057_at | nrm | 6.09 | down | 0.02 |
| 1625011_at | CG11206 | 2.31 | down | 0.01 |
| 1634208_a_a | plx | 4.98 | down | 0.00 |
| 1631380_s_a | LanB1 | 5.08 | down | 0.00 |

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|-------------|-------------|-------|------|------|
| 1628089_at | ham | 2.31 | down | 0.00 |
| 1631463_a_a | bcd | 3.81 | down | 0.10 |
| 1634440_s_a | Eip74EF | 2.01 | down | 0.03 |
| 1629326_s_a | eg | 18.36 | down | 0.00 |
| 1633396_at | btd | 6.34 | down | 0.00 |
| 1626059_at | knrl | 39.15 | down | 0.00 |
| 1634573_a_a | grh | 5.99 | down | 0.00 |
| 1637031_at | gsb-n | 4.31 | down | 0.00 |
| 1627445_s_a | en | 8.25 | down | 0.00 |
| 1637639_at | gsb | 3.75 | down | 0.00 |
| 1626948_at | fd96Cb | 5.77 | down | 0.00 |
| 1631857_at | fd96Ca | 3.11 | down | 0.00 |
| 1630237_a_a | Dll | 3.86 | down | 0.01 |
| 1635796_a_a | cad | 5.14 | down | 0.01 |
| 1627436_s_a | Pdp1 | 3.59 | down | 0.00 |
| 1633556_s_a | Dad | 2.28 | down | 0.00 |
| 1627376_at | Rel | 2.75 | down | 0.01 |
| 1636493_at | dei | 5.83 | down | 0.00 |
| 1623954_s_a | CoRest | 2.77 | down | 0.02 |
| 1637151_at | mre11 | 2.40 | down | 0.00 |
| 1638204_s_a | cav | 3.15 | down | 0.00 |
| 1624608_s_a | cpo | 2.51 | down | 0.01 |
| 1632644_s_a | cpo | 2.38 | down | 0.01 |
| 1637292_at | Esp | 8.41 | down | 0.00 |
| 1625022_a_a | CG6125 | 5.27 | down | 0.00 |
| 1626124_at | CG9717 | 3.78 | down | 0.01 |
| 1634012_at | CG5002 | 2.66 | down | 0.00 |
| 1639834_at | CG14291 /// | 4.95 | down | 0.00 |
| 1632803_at | CG3719 | 2.12 | down | 0.00 |
| 1632854_s_a | Prm | 6.41 | down | 0.00 |
| 1628105_a_a | Prm | 6.23 | down | 0.00 |
| 1630999_at | CG7724 | 4.37 | down | 0.00 |
| 1624632_at | Klp3A | 2.88 | down | 0.00 |
| 1630855_s_a | Ste12DOR / | 3.43 | down | 0.02 |
| 1630256_at | lectin-24Db | 25.67 | down | 0.00 |
| 1624054_at | Adgf-A | 2.92 | down | 0.02 |
| 1634879_at | CG8519 | 8.39 | down | 0.00 |
| 1636888_a_a | Aph-4 | 4.72 | down | 0.00 |
| 1629837_at | CG2330 | 10.87 | down | 0.00 |
| 1628726_s_a | Rgl | 3.06 | down | 0.00 |
| 1624122_a_a | --- | 4.96 | down | 0.00 |
| 1626756_a_a | RhoGEF3 | 6.10 | down | 0.00 |
| 1636249_at | 7B2 | 5.74 | down | 0.00 |

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|-------------|---------------|------|------|------|
| 1633542_at | CG13717 | 3.30 | down | 0.00 |
| 1631497_at | Tsp42Eo | 3.29 | down | 0.06 |
| 1625011_at | CG11206 | 3.29 | down | 0.00 |
| 1635292_at | CG34396 | 3.29 | down | 0.00 |
| 1634382_at | CG31675 | 3.29 | down | 0.00 |
| 1628468_at | CG8738 | 3.28 | down | 0.01 |
| 1633531_at | CG34381 | 3.28 | down | 0.00 |
| 1631377_a_a | Adk1 | 3.27 | down | 0.00 |
| 1629898_s_a | CG10737 | 3.27 | down | 0.00 |
| 1630217_at | CG13650 | 3.26 | down | 0.00 |
| 1634877_at | CG15546 | 3.26 | down | 0.01 |
| 1630255_at | CG31676 | 3.26 | down | 0.04 |
| 1628893_at | CG15589 | 3.25 | down | 0.00 |
| 1639229_at | vkq | 3.25 | down | 0.03 |
| 1635227_at | ImpL3 | 3.25 | down | 0.00 |
| 1626124_at | CG9717 | 3.24 | down | 0.04 |
| 1637110_at | CG3618 | 3.24 | down | 0.00 |
| 1625012_s_a | vir-1 | 3.24 | down | 0.03 |
| 1632121_a_a | CG6416 | 3.24 | down | 0.01 |
| 1637257_at | CG9009 | 3.23 | down | 0.00 |
| 1635767_at | CG4313 | 3.23 | down | 0.00 |
| 1638653_a_a | CG9932 | 3.23 | down | 0.01 |
| 1630043_a_a | alpha-catenin | 3.23 | down | 0.00 |
| 1627785_at | Tsp42En | 3.22 | down | 0.01 |
| 1639443_at | CG13631 | 3.22 | down | 0.00 |
| 1625358_s_a | szar | 3.21 | down | 0.01 |
| 1640082_at | MYPT-75D | 3.19 | down | 0.01 |
| 1627182_at | CG13299 | 3.19 | down | 0.04 |
| 1641629_at | CG7402 | 3.19 | down | 0.02 |
| 1634789_at | CG30151 | 3.19 | down | 0.00 |
| 1624982_s_a | CG5080 | 3.19 | down | 0.00 |
| 1637000_at | Vha68-1 | 3.18 | down | 0.00 |
| 1637496_at | CG30219 | 3.18 | down | 0.00 |
| 1625922_a_a | CG10508 | 3.18 | down | 0.00 |
| 1637619_s_a | Dscam | 3.17 | down | 0.00 |
| 1641413_s_a | CG3074 | 3.16 | down | 0.00 |
| 1638079_at | l(2)05510 | 3.15 | down | 0.00 |
| 1631111_at | CG6879 | 3.15 | down | 0.02 |
| 1633329_at | yellow-h | 3.14 | down | 0.00 |
| 1635819_at | sty | 3.14 | down | 0.02 |
| 1632232_at | --- | 3.14 | down | 0.01 |
| 1641096_s_a | orb2 | 3.13 | down | 0.00 |
| 1625116_at | trol | 3.12 | down | 0.00 |

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|-------------|-------------|-------|------|------|
| 1623490_at | Ten-m | 5.01 | down | 0.00 |
| 1639913_at | Con | 2.10 | down | 0.00 |
| 1632744_a_a | if | 4.33 | down | 0.00 |
| 1635591_at | NijA | 3.26 | down | 0.00 |
| 1640729_s_a | nrv3 | 7.45 | down | 0.08 |
| 1627533_at | stj | 7.85 | down | 0.03 |
| 1633366_at | CG12455 | 2.43 | down | 0.01 |
| 1637577_at | Zip3 | 3.46 | down | 0.07 |
| 1640896_at | CG4462 | 17.15 | down | 0.00 |
| 1623234_s_a | Calx | 3.98 | down | 0.01 |
| 1623653_at | VhaM9.7-2 | 2.08 | down | 0.01 |
| 1639619_a_a | CG3994 | 2.79 | down | 0.08 |
| 1630996_s_a | CG17723 | 2.06 | down | 0.01 |
| 1633536_at | CG4630 | 2.20 | down | 0.06 |
| 1625307_at | sut2 | 16.49 | down | 0.00 |
| 1629070_at | CG1208 | 4.47 | down | 0.06 |
| 1626397_at | bt | 4.09 | down | 0.06 |
| 1635035_at | CG9384 | 2.77 | down | 0.01 |
| 1631549_s_a | CG18278 /// | 3.58 | down | 0.00 |
| 1635163_at | CG5731 | 3.01 | down | 0.02 |
| 1624124_at | GNBP1 | 2.02 | down | 0.00 |
| 1640957_at | Hexo2 | 6.01 | down | 0.00 |
| 1631794_at | CG6201 | 3.12 | down | 0.00 |
| 1632188_at | Hexo1 | 2.12 | down | 0.03 |
| 1628821_at | CG17027 | 3.58 | down | 0.00 |
| 1637772_at | CG4726 | 3.77 | down | 0.01 |
| 1640405_at | l(2)01810 | 5.46 | down | 0.01 |
| 1629889_s_a | regucalcin | 8.33 | down | 0.00 |
| 1636976_at | CG5322 | 6.40 | down | 0.00 |
| 1635028_s_a | --- | 7.72 | down | 0.01 |
| 1633956_s_a | CG7995 | 2.01 | down | 0.09 |
| 1634893_at | Gpdh | 3.03 | down | 0.00 |
| 1636970_at | CG9394 | 5.43 | down | 0.04 |
| 1627835_a_a | CG31973 | 6.17 | down | 0.06 |
| 1633237_at | Idgf1 | 2.31 | down | 0.00 |
| 1626301_at | Idgf3 | 2.21 | down | 0.04 |
| 1635389_s_a | Idgf4 | 2.02 | down | 0.03 |
| 1624568_at | CG7985 | 3.71 | down | 0.02 |
| 1634742_at | Sodh-2 | 3.41 | down | 0.03 |
| 1633914_at | Gal | 2.66 | down | 0.05 |
| 1628231_at | Ac76E | 2.96 | down | 0.02 |
| 1636762_a_a | scf | 2.86 | down | 0.03 |
| 1636603_a_a | CG9297 | 4.58 | down | 0.01 |

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| 1628323_s_a | ogre | 2.44 | down | 0.00 |
| 1632550_at | unc-5 | 6.38 | down | 0.00 |
| 1635684_a_a | unc-13 | 5.19 | down | 0.00 |
| 1640657_at | RhoGAP10Z | 6.82 | down | 0.00 |
| 1634786_at | lectin-28C | 2.17 | down | 0.00 |
| 1641477_at | CG32447 | 2.24 | down | 0.02 |
| 1638556_s_a | Oamb | 4.37 | down | 0.00 |
| 1635328_at | Oamb | 3.22 | down | 0.00 |
| 1638902_at | Or47a | 72.99 | down | 0.00 |
| 1624833_a_a | mAcR-60C | 6.91 | down | 0.00 |
| 1625450_at | mthl14 | 3.46 | down | 0.00 |
| 1640798_a_a | inx2 | 3.32 | down | 0.00 |
| 1625724_at | Pdelc | 4.08 | down | 0.00 |
| 1624542_at | CG31757 | 3.11 | down | 0.00 |
| 1631105_at | Tsp96F | 7.91 | down | 0.00 |
| 1627334_at | Tsp39D | 3.15 | down | 0.00 |
| 1640449_s_a | DmirCG119 | 2.22 | down | 0.00 |
| 1635198_at | CG10483 | 6.71 | down | 0.00 |
| 1635963_a_a | CG7990 | 4.45 | down | 0.00 |
| 1633443_s_a | CG2082 | 18.29 | down | 0.00 |
| 1639582_at | --- | 3.66 | down | 0.01 |
| 1626666_s_a | RhoGAP16I | 7.11 | down | 0.00 |
| 1628252_at | CG17919 | 5.29 | down | 0.00 |
| 1633088_at | CG4733 /// | 3.86 | down | 0.00 |
| 1634069_at | CG40109 | 2.62 | down | 0.02 |
| 1638940_at | RhoGAP15I | 2.02 | down | 0.02 |
| 1624375_at | insv | 5.60 | down | 0.00 |
| 1627247_at | Oseg1 | 2.18 | down | 0.00 |
| 1625196_a_a | CG14995 | 7.14 | down | 0.00 |
| 1623544_at | comm3 | 2.93 | down | 0.00 |
| 1631349_s_a | --- | 5.30 | down | 0.00 |
| 1625997_s_a | --- | 2.03 | down | 0.00 |
| 1637054_s_a | RluA-1 | 36.73 | down | 0.00 |
| 1623810_at | CG17265 | 2.08 | down | 0.00 |
| 1639752_at | mthl1 | 3.02 | down | 0.00 |
| 1636333_a_a | mthl2 | 28.59 | down | 0.00 |
| 1641282_at | mthl4 | 4.98 | down | 0.00 |
| 1627967_a_a | mthl4 | 2.85 | down | 0.00 |
| 1630161_at | fau | 12.08 | down | 0.00 |
| 1640350_at | fau | 9.47 | down | 0.00 |
| 1638789_at | fau | 7.24 | down | 0.00 |
| 1633459_a_a | fau | 3.53 | down | 0.00 |
| 1632337_at | Sur | 5.79 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1635223_at | CG30285 | 3.12 | down | 0.00 |
| 1623133_a_a | CG10508 | 3.11 | down | 0.01 |
| 1639400_at | CG31207 | 3.11 | down | 0.06 |
| 1635363_a_a | Jupiter | 3.11 | down | 0.01 |
| 1637669_at | CG7442 | 3.10 | down | 0.00 |
| 1629441_at | Fit2 | 3.10 | down | 0.00 |
| 1632861_at | msta | 3.10 | down | 0.00 |
| 1641048_a_a | toc | 3.10 | down | 0.00 |
| 1639335_at | --- | 3.09 | down | 0.01 |
| 1624720_s_a | CG6043 | 3.09 | down | 0.00 |
| 1632978_at | CG32207 | 3.09 | down | 0.03 |
| 1624122_a_a | --- | 3.08 | down | 0.00 |
| 1628145_at | CG12361 | 3.08 | down | 0.00 |
| 1638048_at | CG31119 | 3.08 | down | 0.00 |
| 1633483_a_a | CG14207 | 3.08 | down | 0.00 |
| 1631857_at | fd96Ca | 3.07 | down | 0.01 |
| 1634708_s_a | --- | 3.07 | down | 0.00 |
| 1635043_at | CG14964 /// | 3.06 | down | 0.00 |
| 1630603_at | CG31352 | 3.06 | down | 0.02 |
| 1629491_at | CG13318 | 3.05 | down | 0.00 |
| 1634402_at | Scgbeta | 3.05 | down | 0.01 |
| 1627135_at | bnl | 3.05 | down | 0.09 |
| 1633291_at | dy | 3.05 | down | 0.03 |
| 1633252_at | CG31714 | 3.04 | down | 0.01 |
| 1629277_at | CG31475 | 3.04 | down | 0.01 |
| 1641445_s_a | CG7192 | 3.04 | down | 0.00 |
| 1623080_at | CG18410 | 3.04 | down | 0.00 |
| 1630412_at | CG16873 | 3.04 | down | 0.02 |
| 1628985_a_a | Caki | 3.03 | down | 0.03 |
| 1623697_s_a | CG33465 | 3.02 | down | 0.01 |
| 1632258_s_a | CG33201 | 3.02 | down | 0.00 |
| 1624686_a_a | dnc | 3.02 | down | 0.00 |
| 1633427_at | CG7582 | 3.01 | down | 0.00 |
| 1637190_at | CG9149 | 3.01 | down | 0.00 |
| 1633766_at | CG5241 | 3.01 | down | 0.00 |
| 1632802_at | JhI-26 | 3.00 | down | 0.00 |
| 1627649_at | Neu3 | 2.99 | down | 0.00 |
| 1639320_a_a | Ddc | 2.99 | down | 0.00 |
| 1627129_at | --- | 2.99 | down | 0.01 |
| 1624893_at | CG8852 | 2.99 | down | 0.00 |
| 1624891_at | CG13183 | 2.98 | down | 0.01 |
| 1628089_at | ham | 2.98 | down | 0.00 |
| 1635651_at | CG30195 | 2.98 | down | 0.00 |

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|-------------|-------------|--------|------|------|
| 1625621_s_a | f | 37.88 | down | 0.00 |
| 1638400_at | CG8503 | 4.10 | down | 0.01 |
| 1624705_a_a | fax | 5.26 | down | 0.00 |
| 1628458_at | milt | 2.03 | down | 0.03 |
| 1623087_at | Gef64C | 14.46 | down | 0.01 |
| 1626637_a_a | bif | 4.33 | down | 0.00 |
| 1637000_at | Vha68-1 | 4.48 | down | 0.00 |
| 1635352_s_a | Vha44 | 2.14 | down | 0.04 |
| 1633290_a_a | --- | 3.07 | down | 0.00 |
| 1639671_at | egr | 11.06 | down | 0.00 |
| 1629442_at | egr | 2.39 | down | 0.03 |
| 1636274_at | wgn | 9.38 | down | 0.00 |
| 1633498_at | CG7188 | 3.27 | down | 0.02 |
| 1640056_at | PDCD-5 | 2.89 | down | 0.00 |
| 1631237_s_a | CG13384 | 2.39 | down | 0.00 |
| 1639528_at | CG3252 | 7.00 | down | 0.02 |
| 1623083_at | CG1698 | 4.79 | down | 0.00 |
| 1634200_a_a | CG9413 | 4.59 | down | 0.01 |
| 1632238_at | CG13248 | 3.61 | down | 0.01 |
| 1626581_s_a | CG1607 | 2.62 | down | 0.00 |
| 1637619_s_a | Dscam | 5.50 | down | 0.00 |
| 1640835_a_a | Gdh | 2.60 | down | 0.02 |
| 1639862_at | Eaat2 | 2.63 | down | 0.00 |
| 1636835_at | CG16700 | 5.92 | down | 0.00 |
| 1639320_a_a | Ddc | 6.74 | down | 0.01 |
| 1635665_at | Tdc1 | 10.83 | down | 0.00 |
| 1631281_a_a | amd | 2.69 | down | 0.05 |
| 1628357_at | CG6142 | 45.55 | down | 0.00 |
| 1626597_at | CG9521 | 2.31 | down | 0.06 |
| 1631340_at | Ggamma1 | 3.19 | down | 0.01 |
| 1637110_at | CG3618 | 3.35 | down | 0.01 |
| 1633123_at | CG7201 | 131.29 | down | 0.00 |
| 1625293_at | --- | 30.54 | down | 0.00 |
| 1628644_at | CG17350 | 29.67 | down | 0.00 |
| 1629834_at | CG18628 | 29.49 | down | 0.05 |
| 1630667_at | CG34043 | 29.40 | down | 0.00 |
| 1629922_at | CG11409 /// | 26.30 | down | 0.00 |
| 1634399_at | CG18367 | 23.77 | down | 0.01 |
| 1629667_at | CG14298 /// | 23.29 | down | 0.00 |
| 1638033_at | CG6055 | 21.78 | down | 0.00 |
| 1625897_s_a | --- | 21.01 | down | 0.00 |
| 1625405_at | yellow-c | 20.99 | down | 0.00 |
| 1639440_at | CG13285 | 19.20 | down | 0.01 |

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| 1624686_a_a | dnc | 5.28 | down | 0.00 |
| 1638005_s_a | smg | 2.33 | down | 0.00 |
| 1624556_s_a | bol | 2.78 | down | 0.00 |
| 1626239_at | bon | 2.49 | down | 0.00 |
| 1623977_at | nvj | 5.06 | down | 0.00 |
| 1631542_a_a | dve | 8.73 | down | 0.00 |
| 1637867_at | mid | 43.02 | down | 0.00 |
| 1628262_a_a | zfh1 | 6.57 | down | 0.00 |
| 1625535_at | H15 | 5.04 | down | 0.00 |
| 1637750_at | Sox21b | 2.57 | down | 0.02 |
| 1641337_at | CG11617 | 9.21 | down | 0.00 |
| 1639867_at | ea | 8.01 | down | 0.00 |
| 1623277_at | CG17100 | 2.24 | down | 0.00 |
| 1633241_at | CG31340 | 3.11 | down | 0.00 |
| 1624891_at | CG13183 | 8.46 | down | 0.00 |
| 1625843_s_a | Pif1A /// Pif | 3.76 | down | 0.00 |
| 1632032_at | CG13188 | 3.39 | down | 0.00 |
| 1637792_at | A3-3 | 2.42 | down | 0.00 |
| 1624572_a_a | MED21 | 2.11 | down | 0.00 |
| 1636096_at | CG8924 | 2.55 | down | 0.03 |
| 1630308_at | CG3726 | 2.22 | down | 0.01 |
| 1625960_at | noc | 3.76 | down | 0.00 |
| 1630101_s_a | Smr | 2.24 | down | 0.00 |
| 1630772_at | sqz | 2.22 | down | 0.00 |
| 1639223_a_a | sr | 6.25 | down | 0.00 |
| 1637105_at | rgr | 2.84 | down | 0.00 |
| 1629899_at | cact | 3.30 | down | 0.00 |
| 1629940_at | CG13895 | 2.27 | down | 0.00 |
| 1639115_s_a | rtGEF | 2.36 | down | 0.00 |
| 1635347_a_a | CG8557 /// | 2.94 | down | 0.00 |
| 1631094_s_a | CG9339 | 3.80 | down | 0.00 |
| 1629295_at | CHES-1-like | 2.35 | down | 0.01 |
| 1635284_a_a | HDAC4 | 2.29 | down | 0.00 |
| 1633417_at | gnu | 2.67 | down | 0.10 |
| 1639347_s_a | Cdk4 | 4.37 | down | 0.00 |
| 1627882_at | dlg1 | 8.05 | down | 0.00 |
| 1635382_at | dlg1 | 2.13 | down | 0.00 |
| 1628358_at | Tob | 2.69 | down | 0.05 |
| 1639785_s_a | dpld | 2.95 | down | 0.00 |
| 1639876_a_a | CycB | 6.17 | down | 0.03 |
| 1626249_s_a | CycE | 4.39 | down | 0.01 |
| 1626454_at | CycB3 | 3.40 | down | 0.07 |
| 1625148_s_a | 14-3-3zeta | 2.93 | down | 0.00 |

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| 1632105_a_a cib | 2.97 | down | 0.01 |
| 1638593_a_a ND75 | 2.97 | down | 0.02 |
| 1632705_at ninaD | 2.97 | down | 0.08 |
| 1632372_at CG31076 | 2.96 | down | 0.00 |
| 1633054_at CG14057 | 2.96 | down | 0.00 |
| 1630127_at --- | 2.96 | down | 0.01 |
| 1624556_s_a bol | 2.95 | down | 0.00 |
| 1636999_a_a MESK2 | 2.95 | down | 0.00 |
| 1635677_a_a sty | 2.94 | down | 0.02 |
| 1629839_a_a Ggamma1 | 2.94 | down | 0.02 |
| 1623916_at CG14694 | 2.94 | down | 0.08 |
| 1640009_at Tom34 | 2.94 | down | 0.01 |
| 1635584_s_a Tm1 | 2.94 | down | 0.04 |
| 1624033_at Appl | 2.94 | down | 0.00 |
| 1640056_at PDCD-5 | 2.93 | down | 0.00 |
| 1627963_s_a Hsc70-1 | 2.93 | down | 0.00 |
| 1639752_at mthl1 | 2.93 | down | 0.00 |
| 1640657_at RhoGAP102 | 2.93 | down | 0.00 |
| 1633048_at CG8193 | 2.93 | down | 0.09 |
| 1626217_at Ipp | 2.93 | down | 0.00 |
| 1639074_at CG33275 | 2.93 | down | 0.01 |
| 1636245_at T48 | 2.92 | down | 0.00 |
| 1633032_s_a CG8177 /// 1 | 2.91 | down | 0.00 |
| 1632070_at Ugt58Fa | 2.91 | down | 0.00 |
| 1641083_at CG3257 | 2.91 | down | 0.02 |
| 1636888_a_a Aph-4 | 2.91 | down | 0.00 |
| 1635768_at CG4670 | 2.90 | down | 0.01 |
| 1627979_at Wnt6 | 2.90 | down | 0.00 |
| 1634418_at CG33281 | 2.90 | down | 0.01 |
| 1635151_at COQ7 | 2.89 | down | 0.01 |
| 1625532_at cv | 2.89 | down | 0.00 |
| 1625687_at perd | 2.89 | down | 0.00 |
| 1623996_at CG5001 | 2.88 | down | 0.00 |
| 1635109_at CG5888 | 2.88 | down | 0.00 |
| 1636762_a_a scf | 2.88 | down | 0.00 |
| 1625215_s_a nrv2 | 2.87 | down | 0.00 |
| 1638724_at CG18507 | 2.87 | down | 0.00 |
| 1632380_at mnb | 2.87 | down | 0.07 |
| 1626842_a_a l(3)82Fd | 2.87 | down | 0.02 |
| 1630563_at CG6006 | 2.86 | down | 0.02 |
| 1637725_at CG1756 | 2.85 | down | 0.01 |
| 1622970_at form3 | 2.85 | down | 0.01 |
| 1640829_at CG12075 | 2.85 | down | 0.03 |

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| 1637963_at CG14191 | 18.48 | down | 0.01 |
| 1635968_at CG3604 | 17.38 | down | 0.00 |
| 1634158_at CG6164 | 16.76 | down | 0.00 |
| 1638869_at Cpr51A | 16.23 | down | 0.00 |
| 1623092_at Pcp | 16.12 | down | 0.00 |
| 1627333_at CG11226 | 15.77 | down | 0.00 |
| 1630034_at CG12119 | 15.55 | down | 0.00 |
| 1635945_at CG15394 | 15.32 | down | 0.00 |
| 1637269_at CG6310 | 15.27 | down | 0.00 |
| 1639737_at CG33254 | 13.69 | down | 0.01 |
| 1623558_at Cpr49Ae | 13.59 | down | 0.01 |
| 1626171_at --- | 13.54 | down | 0.03 |
| 1637788_at CG31176 | 13.18 | down | 0.01 |
| 1636148_at CG6553 | 12.45 | down | 0.00 |
| 1635998_at Cpr67B | 12.33 | down | 0.01 |
| 1632975_at CG4398 | 12.25 | down | 0.00 |
| 1628715_a_a Karl | 11.92 | down | 0.01 |
| 1633264_at CG13024 | 11.72 | down | 0.01 |
| 1624806_at yellow-g | 11.45 | down | 0.00 |
| 1633385_at Karl | 11.34 | down | 0.01 |
| 1629551_s_a CG12268 | 10.87 | down | 0.01 |
| 1624763_at CG2556 /// 1 | 10.51 | down | 0.02 |
| 1637645_at miple2 | 10.31 | down | 0.00 |
| 1636338_at CG15021 | 9.42 | down | 0.00 |
| 1633788_s_a CG15186 | 8.86 | down | 0.00 |
| 1623364_at CG4250 | 8.82 | down | 0.00 |
| 1637008_at CG14687 | 8.21 | down | 0.00 |
| 1632399_at CG34007 | 8.14 | down | 0.00 |
| 1632490_at CG8008 | 8.06 | down | 0.00 |
| 1638226_at CG10562 | 8.05 | down | 0.00 |
| 1628678_at CG13920 | 7.92 | down | 0.00 |
| 1624700_a_a CG10175 | 7.86 | down | 0.01 |
| 1625312_at CG10553 | 7.84 | down | 0.05 |
| 1634842_a_a CG11160 | 7.80 | down | 0.00 |
| 1630014_at --- | 7.59 | down | 0.01 |
| 1627568_at CG14109 | 7.49 | down | 0.00 |
| 1640332_at CG6972 | 7.49 | down | 0.00 |
| 1634877_at CG15546 | 7.46 | down | 0.01 |
| 1641508_s_a Tsp42Eh | 7.30 | down | 0.02 |
| 1636461_at CG3630 | 7.29 | down | 0.03 |
| 1630097_s_a CG17834 | 7.19 | down | 0.00 |
| 1635334_a_a CG10732 /// | 7.13 | down | 0.00 |
| 1634525_at CG7738 | 7.04 | down | 0.00 |

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| 1629115_s_a scrib | 3.82 | down | 0.00 |
| 1631407_a_a APC7 | 2.25 | down | 0.10 |
| 1635730_at CG30069 | 2.92 | down | 0.00 |
| 1628489_at dally | 4.10 | down | 0.01 |
| 1628757_at Glut1 | 2.22 | down | 0.00 |
| 1624387_at --- | 2.23 | down | 0.00 |
| 1628083_at CG5036 | 9.33 | down | 0.00 |
| 1637943_at how | 3.12 | down | 0.00 |
| 1625076_at aret | 2.29 | down | 0.00 |
| 1637284_at Rlip | 2.26 | down | 0.00 |
| 1635583_s_a fz2 | 2.86 | down | 0.05 |
| 1641118_at Mdh | 4.06 | down | 0.00 |
| 1630038_at pyd3 | 4.24 | down | 0.00 |
| 1633990_at adat | 2.00 | down | 0.01 |
| 1624017_at Ahcy89E | 5.84 | down | 0.00 |
| 1625131_s_a Vha55 | 2.46 | down | 0.00 |
| 1634961_s_a Vha68-2 | 2.26 | down | 0.00 |
| 1624727_s_a Ubp64E | 2.20 | down | 0.00 |
| 1627278_s_a CG14619 /// | 2.14 | down | 0.01 |
| 1640092_a_a Ca-alpha1D | 4.56 | down | 0.00 |
| 1626574_at CG9935 | 2.28 | down | 0.01 |
| 1629597_a_a Asph | 4.27 | down | 0.00 |
| 1632431_s_a Ance | 2.93 | down | 0.00 |
| 1627649_at Neu3 | 2.27 | down | 0.02 |
| 1639483_s_a Nep1 | 24.03 | down | 0.00 |
| 1632972_at Nep3 | 2.36 | down | 0.01 |
| 1636266_at psh | 2.45 | down | 0.00 |
| 1638939_at CalpA | 2.62 | down | 0.00 |
| 1633893_at CG31217 /// | 2.46 | down | 0.00 |
| 1638512_at Sb | 2.39 | down | 0.01 |
| 1623312_s_a CG11836 | 2.40 | down | 0.00 |
| 1626903_at CG3355 | 2.09 | down | 0.01 |
| 1636498_at CG6168 | 3.67 | down | 0.00 |
| 1623016_at CG1299 | 27.88 | down | 0.00 |
| 1628952_s_a Fur1 | 4.49 | down | 0.00 |
| 1635138_at Fur1 | 4.31 | down | 0.00 |
| 1640521_at CG6361 | 2.91 | down | 0.00 |
| 1632593_at CG32147 | 2.52 | down | 0.00 |
| 1637228_at CG10663 | 2.49 | down | 0.00 |
| 1637794_at CG4927 | 2.48 | down | 0.00 |
| 1634279_at CG11529 | 2.24 | down | 0.00 |
| 1629007_at CG8952 | 2.20 | down | 0.05 |
| 1636623_at Ance-5 | 2.89 | down | 0.00 |

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| 1629418_s_a sei | 2.85 | down | 0.01 |
| 1636623_at Ance-5 | 2.84 | down | 0.01 |
| 1625154_s_a CG2467 | 2.84 | down | 0.07 |
| 1640454_at CG17273 | 2.84 | down | 0.00 |
| 1623200_at fng | 2.83 | down | 0.00 |
| 1640386_at wbl | 2.83 | down | 0.01 |
| 1626303_s_a CG32194 | 2.82 | down | 0.00 |
| 1625454_at Gbeta5 | 2.82 | down | 0.01 |
| 1624515_at CG6461 /// 1 | 2.82 | down | 0.00 |
| 1636249_at 7B2 | 2.81 | down | 0.02 |
| 1638211_at CG10933 | 2.81 | down | 0.01 |
| 1625973_a_a CG3038 /// 1 | 2.80 | down | 0.09 |
| 1637239_s_a CG34034 | 2.80 | down | 0.00 |
| 1623112_at CG4509 | 2.80 | down | 0.02 |
| 1637204_at Ptp99A | 2.79 | down | 0.00 |
| 1637353_at Dat | 2.79 | down | 0.00 |
| 1632744_a_a if | 2.78 | down | 0.00 |
| 1628402_a_a GlcAT-S | 2.78 | down | 0.00 |
| 1633144_at jbug | 2.78 | down | 0.04 |
| 1633115_a_a C3G | 2.78 | down | 0.01 |
| 1636976_at CG5322 | 2.78 | down | 0.00 |
| 1625414_at ifc | 2.78 | down | 0.00 |
| 1639669_at CG5866 | 2.78 | down | 0.02 |
| 1626637_a_a bif | 2.78 | down | 0.00 |
| 1633407_at CG6959 | 2.78 | down | 0.00 |
| 1628955_at Ance-3 | 2.77 | down | 0.06 |
| 1636348_s_a Act87E | 2.77 | down | 0.05 |
| 1632432_at CG9850 | 2.77 | down | 0.01 |
| 1632886_at CG13247 | 2.77 | down | 0.00 |
| 1624889_a_a l(2)k16918 | 2.77 | down | 0.03 |
| 1639139_a_a Fps85D | 2.77 | down | 0.00 |
| 1628982_at NPFR1 | 2.77 | down | 0.01 |
| 1623490_at Ten-m | 2.77 | down | 0.02 |
| 1633498_at CG7188 | 2.76 | down | 0.01 |
| 1635963_a_a CG7990 | 2.76 | down | 0.00 |
| 1634503_at CG15695 | 2.76 | down | 0.00 |
| 1633188_a_a Grip84 | 2.76 | down | 0.00 |
| 1638746_at --- | 2.76 | down | 0.01 |
| 1623909_s_a inv | 2.76 | down | 0.00 |
| 1638939_at CalpA | 2.76 | down | 0.00 |
| 1637378_s_a ia2 | 2.75 | down | 0.01 |
| 1628314_a_a CG6891 | 2.75 | down | 0.00 |
| 1630991_at CG11007 | 2.75 | down | 0.00 |

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| 1634733_at CG3831 /// 1 | 7.03 | down | 0.00 |
| 1639703_s_a CG10936 | 7.03 | down | 0.02 |
| 1627793_s_a CG9134 | 6.93 | down | 0.02 |
| 1636772_s_a CG32694 | 6.85 | down | 0.00 |
| 1629697_a_a beat-VII | 6.80 | down | 0.00 |
| 1639439_at CG2471 /// 1 | 6.75 | down | 0.00 |
| 1629671_at CG14193 | 6.64 | down | 0.00 |
| 1630605_at CG16947 | 6.58 | down | 0.00 |
| 1635363_a_a Jupiter | 6.51 | down | 0.01 |
| 1633927_a_a beat-IIIc | 6.49 | down | 0.00 |
| 1638746_at --- | 6.48 | down | 0.00 |
| 1640715_at CG5376 | 6.46 | down | 0.01 |
| 1630418_s_a CG31374 | 6.42 | down | 0.00 |
| 1633989_at CG1124 /// 1 | 6.12 | down | 0.00 |
| 1631291_at --- | 6.06 | down | 0.00 |
| 1630402_at l(2)01289 | 6.02 | down | 0.01 |
| 1636057_at CG9572 | 5.97 | down | 0.04 |
| 1626356_s_a CG15316 /// | 5.95 | down | 0.05 |
| 1635716_at beat-VII /// C | 5.91 | down | 0.01 |
| 1627499_at CG2016 | 5.85 | down | 0.00 |
| 1625262_at CG17786 | 5.80 | down | 0.00 |
| 1634804_at CG15819 | 5.69 | down | 0.02 |
| 1627785_at Tsp42En | 5.66 | down | 0.00 |
| 1623662_at CG11044 | 5.63 | down | 0.00 |
| 1635371_at CG31323 | 5.61 | down | 0.00 |
| 1630129_at CG32355 | 5.59 | down | 0.00 |
| 1625861_at CG13012 | 5.53 | down | 0.01 |
| 1627272_at CG30380 | 5.44 | down | 0.01 |
| 1635544_s_a --- | 5.35 | down | 0.08 |
| 1634813_at CG12641 | 5.32 | down | 0.01 |
| 1630229_at CG9815 | 5.30 | down | 0.00 |
| 1638365_at CG3244 | 5.29 | down | 0.01 |
| 1636059_at CG9689 | 5.24 | down | 0.00 |
| 1639028_a_a CG30296 | 5.22 | down | 0.00 |
| 1631581_at CG18268 | 5.13 | down | 0.02 |
| 1623151_a_a CG2010 | 5.10 | down | 0.00 |
| 1624259_at CG32040 | 5.09 | down | 0.02 |
| 1625474_s_a CG1441 | 5.05 | down | 0.02 |
| 1640974_a_a CG33143 | 5.04 | down | 0.00 |
| 1638703_a_a CG32048 | 5.02 | down | 0.01 |
| 1629152_at CG31451 | 4.96 | down | 0.00 |
| 1631497_at Tsp42Eo | 4.95 | down | 0.01 |
| 1624969_s_a CG17041 | 4.95 | down | 0.08 |

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| 1633749_at CG6337 | 18.52 | down | 0.00 |
| 1625473_at CG4221 | 3.13 | down | 0.00 |
| 1641413_s_a CG3074 | 2.93 | down | 0.02 |
| 1635449_s_a Dip-B | 2.85 | down | 0.00 |
| 1628215_s_a kuz | 3.29 | down | 0.00 |
| 1626446_a_a Mlc1 | 4.19 | down | 0.00 |
| 1629243_at Dab | 3.68 | down | 0.00 |
| 1623503_at sda | 7.26 | down | 0.00 |
| 1625414_at ifc | 3.10 | down | 0.00 |
| 1623740_at CG32154 | 2.28 | down | 0.03 |
| 1635210_a_a Ppn | 23.29 | down | 0.00 |
| 1640204_at CG31619 | 4.98 | down | 0.00 |
| 1635580_at Cbl | 3.10 | down | 0.00 |
| 1640918_at ome | 4.49 | down | 0.00 |
| 1632432_at CG9850 | 5.22 | down | 0.00 |
| 1623624_at CG14869 | 2.13 | down | 0.01 |
| 1641324_at LanA | 12.49 | down | 0.00 |
| 1622960_at decay | 2.09 | down | 0.06 |
| 1634364_s_a --- | 2.68 | down | 0.00 |
| 1631179_s_a CG6680 | 2.37 | down | 0.00 |
| 1640284_at Cha | 2.37 | down | 0.00 |
| 1632228_at CG6733 | 7.06 | down | 0.00 |
| 1633955_at pcl | 78.58 | down | 0.00 |
| 1626832_at CG31343 | 17.17 | down | 0.00 |
| 1627384_at CG6225 | 17.15 | down | 0.00 |
| 1628666_at CG3328 | 11.80 | down | 0.00 |
| 1630217_at CG13650 | 11.03 | down | 0.00 |
| 1641327_at CG9416 | 10.63 | down | 0.00 |
| 1637246_a_a CG32627 | 8.37 | down | 0.00 |
| 1631537_at CG31198 | 6.38 | down | 0.00 |
| 1624573_at CG4998 /// 1 | 6.37 | down | 0.01 |
| 1629542_at CG31821 | 5.76 | down | 0.00 |
| 1639232_s_a SP1029 | 4.97 | down | 0.00 |
| 1628964_at CG4804 | 3.68 | down | 0.00 |
| 1628468_at CG8738 | 3.59 | down | 0.00 |
| 1629491_at CG13318 | 3.52 | down | 0.00 |
| 1623697_s_a CG33465 | 3.38 | down | 0.00 |
| 1636410_at CG3505 | 3.03 | down | 0.00 |
| 1628716_at CG13283 | 2.91 | down | 0.01 |
| 1632533_at Timp | 2.88 | down | 0.00 |
| 1636943_s_a Spn5 | 2.84 | down | 0.00 |
| 1636900_at CG5390 /// 1 | 2.83 | down | 0.00 |
| 1634302_s_a CG14516 | 2.72 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1630430_a_a | CG30437 | 2.74 | down | 0.01 |
| 1635252_a_a | Actn | 2.74 | down | 0.03 |
| 1634069_at | CG40109 | 2.74 | down | 0.01 |
| 1636374_at | CAH1 | 2.74 | down | 0.01 |
| 1633716_at | CG10747 | 2.73 | down | 0.00 |
| 1629542_at | CG31821 | 2.73 | down | 0.00 |
| 1627841_at | CG11170 | 2.73 | down | 0.00 |
| 1623851_at | CG9400 | 2.72 | down | 0.06 |
| 1632021_at | Cyp6a20 | 2.72 | down | 0.00 |
| 1622933_at | CG10344 | 2.72 | down | 0.00 |
| 1624490_s_a | hb | 2.72 | down | 0.05 |
| 1635203_at | Dip2 | 2.71 | down | 0.00 |
| 1624256_at | CG16857 | 2.71 | down | 0.01 |
| 1632870_at | CG32364 | 2.71 | down | 0.00 |
| 1625183_at | smi35A | 2.71 | down | 0.00 |
| 1623810_at | CG17265 | 2.71 | down | 0.00 |
| 1631606_at | CG14285 | 2.70 | down | 0.01 |
| 1636788_a_a | loqs | 2.70 | down | 0.00 |
| 1638247_at | CG17065 | 2.70 | down | 0.01 |
| 1641339_at | CG10137 | 2.70 | down | 0.01 |
| 1633711_a_a | CG31012 /// | 2.69 | down | 0.08 |
| 1630619_at | Spn1 | 2.69 | down | 0.00 |
| 1627242_at | l(2)efl | 2.69 | down | 0.06 |
| 1627617_at | Best1 | 2.68 | down | 0.00 |
| 1633989_at | CG1124 /// | 2.68 | down | 0.00 |
| 1625535_at | H15 | 2.68 | down | 0.00 |
| 1625843_s_a | Pif1A /// | 2.68 | down | 0.01 |
| 1628345_at | Cyp6a9 | 2.68 | down | 0.00 |
| 1626446_a_a | Mlc1 | 2.67 | down | 0.07 |
| 1629975_at | CG7406 | 2.67 | down | 0.01 |
| 1635460_a_a | Mhc | 2.67 | down | 0.01 |
| 1626256_at | CG13836 | 2.66 | down | 0.06 |
| 1623710_at | CG5847 | 2.66 | down | 0.03 |
| 1624911_at | Cyp28d2 | 2.66 | down | 0.00 |
| 1623375_at | CG17081 /// | 2.65 | down | 0.01 |
| 1639437_s_a | CG4945 | 2.65 | down | 0.00 |
| 1635914_at | CG10413 | 2.65 | down | 0.00 |
| 1637830_s_a | CG31145 | 2.65 | down | 0.00 |
| 1640655_s_a | eas | 2.65 | down | 0.00 |
| 1636219_at | Ac13E | 2.65 | down | 0.00 |
| 1634406_at | CG32982 | 2.64 | down | 0.00 |
| 1634227_a_a | CG9517 | 2.64 | down | 0.03 |
| 1627334_at | Tsp39D | 2.64 | down | 0.03 |

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|-------------|-------------|------|------|------|
| 1627682_at | CG14949 | 4.91 | down | 0.06 |
| 1625314_at | CG2022 | 4.87 | down | 0.00 |
| 1629346_at | CG1443 | 4.82 | down | 0.01 |
| 1630412_at | CG16873 | 4.74 | down | 0.00 |
| 1625476_a_a | CG1674 | 4.63 | down | 0.02 |
| 1629443_at | CG12655 | 4.60 | down | 0.07 |
| 1641272_at | CG34352 /// | 4.56 | down | 0.03 |
| 1637350_at | CG31086 | 4.55 | down | 0.01 |
| 1637795_at | CG7778 /// | 4.54 | down | 0.07 |
| 1638079_at | l(2)05510 | 4.52 | down | 0.00 |
| 1637366_at | CG16876 | 4.49 | down | 0.00 |
| 1633533_at | CG6329 | 4.49 | down | 0.02 |
| 1638852_at | CHKov2 | 4.46 | down | 0.00 |
| 1626552_at | CG3568 | 4.41 | down | 0.00 |
| 1624982_s_a | CG5080 | 4.41 | down | 0.06 |
| 1631999_at | CG10710 | 4.41 | down | 0.00 |
| 1641167_s_a | CG7047 | 4.38 | down | 0.00 |
| 1625559_a_a | CG30217 | 4.34 | down | 0.01 |
| 1635109_at | CG5888 | 4.29 | down | 0.00 |
| 1636759_at | CG8303 | 4.26 | down | 0.00 |
| 1634084_at | CG4213 | 4.25 | down | 0.00 |
| 1632870_at | CG32364 | 4.21 | down | 0.01 |
| 1639211_at | --- | 4.19 | down | 0.07 |
| 1635196_at | CG6836 | 4.15 | down | 0.03 |
| 1634184_a_a | jp | 4.13 | down | 0.00 |
| 1641330_at | CG32212 | 4.11 | down | 0.00 |
| 1634591_at | CG11878 | 4.10 | down | 0.04 |
| 1629804_s_a | CG6329 | 4.09 | down | 0.01 |
| 1632964_at | CG15678 | 4.04 | down | 0.01 |
| 1629499_at | CG11915 | 4.04 | down | 0.02 |
| 1623429_at | CG11073 | 4.00 | down | 0.02 |
| 1632923_at | CG14661 | 3.98 | down | 0.02 |
| 1623747_at | CG5895 | 3.97 | down | 0.01 |
| 1623658_at | CG13306 | 3.96 | down | 0.01 |
| 1638211_at | CG10933 | 3.95 | down | 0.02 |
| 1639033_at | l(2)01289 | 3.94 | down | 0.00 |
| 1638193_at | CG5612 | 3.94 | down | 0.01 |
| 1634670_at | CG32714 | 3.93 | down | 0.09 |
| 1624725_at | CG9626 | 3.93 | down | 0.01 |
| 1630127_at | --- | 3.91 | down | 0.02 |
| 1638697_at | CG5597 | 3.91 | down | 0.03 |
| 1638959_at | CG8501 | 3.87 | down | 0.01 |
| 1625249_at | ld14 | 3.87 | down | 0.00 |

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|-------------|-------------|-------|------|------|
| 1638653_a_a | CG9932 | 2.08 | down | 0.00 |
| 1641192_at | CG14523 | 2.04 | down | 0.02 |
| 1629150_at | CG17337 /// | 2.00 | down | 0.00 |
| 1638808_at | Syx4 | 3.11 | down | 0.00 |
| 1628143_a_a | rg | 2.92 | down | 0.02 |
| 1639527_at | Klp31E | 2.18 | down | 0.00 |
| 1638176_at | Magi | 4.75 | down | 0.00 |
| 1627136_at | Khc-73 | 5.67 | down | 0.00 |
| 1636302_s_a | Su(dx) | 2.74 | down | 0.00 |
| 1629145_at | HERC2 | 2.64 | down | 0.01 |
| 1630123_at | CG3099 | 2.27 | down | 0.04 |
| 1624515_at | CG6461 /// | 3.88 | down | 0.00 |
| 1638807_s_a | CG4829 | 2.66 | down | 0.00 |
| 1626213_a_a | Pcmt | 2.30 | down | 0.00 |
| 1627495_at | CG18234 | 37.20 | down | 0.00 |
| 1641626_at | CG18233 | 9.34 | down | 0.00 |
| 1631698_s_a | CG16833 | 2.41 | down | 0.00 |
| 1631447_at | CG10307 | 6.23 | down | 0.00 |
| 1637869_at | PFE | 3.86 | down | 0.01 |
| 1624389_at | CG7526 | 13.80 | down | 0.00 |
| 1624371_a_a | CG7356 | 6.28 | down | 0.00 |
| 1635768_at | CG4670 | 3.13 | down | 0.00 |
| 1636309_at | CG4089 | 15.13 | down | 0.00 |
| 1624675_at | UBL3 | 2.08 | down | 0.01 |
| 1632943_a_a | bru-3 | 5.93 | down | 0.00 |
| 1632458_at | Incenp | 2.11 | down | 0.07 |
| 1637276_at | Pen | 4.50 | down | 0.06 |
| 1623996_at | CG5001 | 2.13 | down | 0.00 |
| 1627242_at | l(2)efl | 4.87 | down | 0.00 |
| 1631760_at | CG7768 /// | 3.65 | down | 0.00 |
| 1627577_at | CG7409 | 7.08 | down | 0.00 |
| 1636956_at | Hsc70-1 | 3.75 | down | 0.00 |
| 1639380_a_a | Hsc70-1 | 3.42 | down | 0.00 |
| 1627963_s_a | Hsc70-1 | 2.67 | down | 0.00 |
| 1628117_at | Hsp27 | 3.63 | down | 0.03 |
| 1625875_at | CG10635 | 2.05 | down | 0.00 |
| 1634403_at | alpha-Adapt | 2.23 | down | 0.00 |
| 1633061_at | Mgat2 | 2.07 | down | 0.01 |
| 1636634_a_a | MRP | 2.04 | down | 0.00 |
| 1632591_at | Phk-3 | 6.20 | down | 0.00 |
| 1623019_a_a | Unc-89 | 10.50 | down | 0.00 |
| 1640470_s_a | Fur2 | 6.79 | down | 0.00 |
| 1628985_a_a | Caki | 5.18 | down | 0.00 |

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|-------------|-----------|------|------|------|
| 1631231_at | fz | 2.63 | down | 0.01 |
| 1623986_at | CG15046 | 2.63 | down | 0.00 |
| 1631834_at | CG31098 | 2.63 | down | 0.01 |
| 1634684_at | CG7272 | 2.62 | down | 0.00 |
| 1627838_at | uzip | 2.62 | down | 0.01 |
| 1628882_at | CG7378 | 2.62 | down | 0.01 |
| 1640703_at | CG30460 | 2.62 | down | 0.01 |
| 1636440_at | Sip1 | 2.61 | down | 0.00 |
| 1638371_at | CG31849 | 2.61 | down | 0.00 |
| 1632574_at | CG6574 | 2.61 | down | 0.00 |
| 1631114_a_a | CG11489 | 2.61 | down | 0.00 |
| 1641442_a_a | trol | 2.60 | down | 0.06 |
| 1639933_at | --- | 2.60 | down | 0.00 |
| 1639928_a_a | CG30084 | 2.60 | down | 0.00 |
| 1637973_a_a | CG4407 | 2.60 | down | 0.00 |
| 1631183_at | RhoL | 2.60 | down | 0.02 |
| 1639619_a_a | CG3994 | 2.60 | down | 0.07 |
| 1641118_at | Mdh | 2.60 | down | 0.00 |
| 1624833_a_a | mAcR-60C | 2.60 | down | 0.00 |
| 1624727_s_a | Ubp64E | 2.59 | down | 0.01 |
| 1638147_at | CG7772 | 2.59 | down | 0.01 |
| 1633812_at | CG9080 | 2.59 | down | 0.01 |
| 1629674_s_a | CG10999 | 2.58 | down | 0.01 |
| 1635092_at | CG33557 | 2.58 | down | 0.01 |
| 1634574_a_a | Strn-Mlck | 2.58 | down | 0.03 |
| 1630308_at | CG3726 | 2.58 | down | 0.01 |
| 1637004_at | pcs | 2.57 | down | 0.00 |
| 1632593_at | CG32147 | 2.57 | down | 0.00 |
| 1628388_at | CG3823 | 2.57 | down | 0.03 |
| 1633524_a_a | CalpA | 2.57 | down | 0.00 |
| 1639223_a_a | sr | 2.57 | down | 0.05 |
| 1637605_s_a | CG1146 | 2.57 | down | 0.00 |
| 1638463_at | CG11986 | 2.57 | down | 0.00 |
| 1639275_at | in | 2.56 | down | 0.00 |
| 1637627_at | Ptp4E | 2.56 | down | 0.00 |
| 1635684_a_a | unc-13 | 2.55 | down | 0.00 |
| 1635573_at | CG12488 | 2.55 | down | 0.04 |
| 1637753_at | CG14748 | 2.55 | down | 0.00 |
| 1624054_at | Adgf-A | 2.55 | down | 0.00 |
| 1632475_at | msn | 2.55 | down | 0.07 |
| 1639906_a_a | CG7759 | 2.55 | down | 0.00 |
| 1630702_at | CG14590 | 2.55 | down | 0.00 |
| 1639387_s_a | crq | 2.55 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1636564_at | CG14757 | 3.86 | down | 0.03 |
| 1639592_at | CG3624 | 3.84 | down | 0.01 |
| 1634382_at | CG31675 | 3.82 | down | 0.01 |
| 1623117_at | CG31781 | 3.79 | down | 0.00 |
| 1640327_at | CG6023 | 3.78 | down | 0.00 |
| 1634427_at | CG15461 | 3.76 | down | 0.02 |
| 1636743_s_a | --- | 3.70 | down | 0.03 |
| 1623571_a_a | CG9328 | 3.69 | down | 0.03 |
| 1626479_at | Rapgap1 | 3.69 | down | 0.10 |
| 1635199_at | CG6014 | 3.67 | down | 0.00 |
| 1624432_at | Spz3 | 3.67 | down | 0.01 |
| 1636383_at | CG13856 | 3.65 | down | 0.09 |
| 1632886_at | CG13247 | 3.64 | down | 0.03 |
| 1623767_at | CG17839 | 3.64 | down | 0.04 |
| 1635644_at | CG33203 | 3.62 | down | 0.00 |
| 1640242_s_a | --- | 3.61 | down | 0.04 |
| 1632353_at | CG7884 | 3.56 | down | 0.02 |
| 1634315_a_a | CG32982 | 3.53 | down | 0.00 |
| 1634339_at | CG32694 | 3.53 | down | 0.01 |
| 1635203_at | Dip2 | 3.53 | down | 0.00 |
| 1623133_a_a | CG10508 | 3.50 | down | 0.03 |
| 1640342_at | CG6234 | 3.48 | down | 0.02 |
| 1633812_at | CG9080 | 3.48 | down | 0.03 |
| 1632232_at | --- | 3.47 | down | 0.00 |
| 1630072_a_a | --- | 3.45 | down | 0.04 |
| 1623396_at | CG13875 | 3.42 | down | 0.01 |
| 1624342_at | CG10911 /// | 3.42 | down | 0.09 |
| 1640039_at | CG13681 | 3.36 | down | 0.00 |
| 1630582_s_a | CG3967 | 3.35 | down | 0.00 |
| 1632258_s_a | CG33201 | 3.32 | down | 0.00 |
| 1633329_at | yellow-h | 3.31 | down | 0.05 |
| 1639596_at | CG7781 | 3.30 | down | 0.02 |
| 1639443_at | CG13631 | 3.30 | down | 0.00 |
| 1633164_s_a | CG10625 | 3.28 | down | 0.07 |
| 1636663_at | CG7126 | 3.26 | down | 0.02 |
| 1623227_s_a | Hil | 3.26 | down | 0.01 |
| 1628766_at | CG4984 | 3.23 | down | 0.06 |
| 1624435_at | Tsp42Ej | 3.23 | down | 0.07 |
| 1634093_at | CG32017 | 3.23 | down | 0.05 |
| 1626908_at | CG8066 | 3.20 | down | 0.01 |
| 1640809_at | CG12105 /// | 3.19 | down | 0.01 |
| 1628861_at | CG7120 | 3.19 | down | 0.09 |
| 1637626_at | CG15412 | 3.16 | down | 0.05 |

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|-------------|-------------|-------|------|------|
| 1634779_at | Haspin | 2.61 | down | 0.00 |
| 1635928_a_a | Pka-C3 | 2.47 | down | 0.00 |
| 1640534_s_a | CaMKII | 2.71 | down | 0.00 |
| 1625183_at | smi35A | 3.66 | down | 0.00 |
| 1623418_at | Cad96Ca | 7.06 | down | 0.00 |
| 1631055_at | Pka-C1 | 5.31 | down | 0.01 |
| 1632409_a_a | Pka-C1 | 2.97 | down | 0.01 |
| 1638905_s_a | CG4839 | 5.94 | down | 0.00 |
| 1639437_s_a | CG4945 | 2.44 | down | 0.00 |
| 1627955_a_a | Asator | 4.99 | down | 0.00 |
| 1633881_at | CG1776 | 2.40 | down | 0.00 |
| 1638476_s_a | mnb | 2.48 | down | 0.00 |
| 1632380_at | mnb | 2.31 | down | 0.01 |
| 1640266_a_a | CG7097 | 2.66 | down | 0.00 |
| 1639139_a_a | Fps85D | 3.76 | down | 0.00 |
| 1626077_s_a | CG11870 | 3.30 | down | 0.00 |
| 1633777_at | CG11221 | 5.82 | down | 0.00 |
| 1631114_a_a | CG11489 | 3.71 | down | 0.00 |
| 1640096_at | Fancd2 | 2.37 | down | 0.00 |
| 1624464_s_a | --- | 2.73 | down | 0.00 |
| 1637481_at | Tollo | 46.15 | down | 0.00 |
| 1639189_at | Lap1 | 2.40 | down | 0.00 |
| 1625972_at | CG31999 | 13.84 | down | 0.00 |
| 1635156_s_a | Pka-R1 | 2.07 | down | 0.01 |
| 1639349_at | CG8173 | 2.55 | down | 0.03 |
| 1628664_at | CG12484 | 2.55 | down | 0.00 |
| 1640162_at | CG8179 | 2.09 | down | 0.00 |
| 1639933_at | --- | 4.97 | down | 0.00 |
| 1629744_a_a | alpha-Man-I | 3.07 | down | 0.00 |
| 1629120_at | alpha-Man-I | 17.27 | down | 0.00 |
| 1638371_at | CG31849 | 3.10 | down | 0.00 |
| 1635633_s_a | bin3 | 2.76 | down | 0.00 |
| 1633410_at | CG2975 | 2.65 | down | 0.00 |
| 1625973_a_a | CG3038 /// | 3.36 | down | 0.01 |
| 1634468_at | CG13397 | 2.91 | down | 0.00 |
| 1630824_a_a | CG33145 | 2.24 | down | 0.00 |
| 1632063_s_a | CG11357 /// | 2.23 | down | 0.00 |
| 1637386_at | rdgC | 5.53 | down | 0.00 |
| 1624660_at | Ptp10D | 2.93 | down | 0.00 |
| 1625775_a_a | csw | 2.02 | down | 0.00 |
| 1628888_at | CG7180 | 22.60 | down | 0.00 |
| 1627599_at | Ptp4E | 3.13 | down | 0.00 |
| 1637627_at | Ptp4E | 2.93 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1635007_at | Sulf1 | 2.54 | down | 0.00 |
| 1632212_at | CG14401 | 2.54 | down | 0.00 |
| 1639115_s_a | rtGEF | 2.54 | down | 0.03 |
| 1625891_at | CG17111 | 2.54 | down | 0.01 |
| 1626837_a_a | CG32245 | 2.54 | down | 0.00 |
| 1624581_at | dpr7 | 2.54 | down | 0.01 |
| 1625691_at | Tre1 | 2.53 | down | 0.08 |
| 1627136_at | Khc-73 | 2.53 | down | 0.03 |
| 1630248_at | CG5346 | 2.53 | down | 0.02 |
| 1632348_at | CG9452 | 2.53 | down | 0.03 |
| 1636145_at | CG7219 | 2.53 | down | 0.00 |
| 1639347_s_a | Cdk4 | 2.53 | down | 0.00 |
| 1637659_a_a | CG18146 | 2.52 | down | 0.00 |
| 1633016_a_a | stau | 2.52 | down | 0.00 |
| 1633553_s_a | SP1173 | 2.52 | down | 0.01 |
| 1629744_a_a | alpha-Man-I | 2.51 | down | 0.01 |
| 1637150_at | CG13928 | 2.51 | down | 0.06 |
| 1634061_a_a | rdgC | 2.51 | down | 0.02 |
| 1631349_s_a | --- | 2.51 | down | 0.04 |
| 1626079_a_a | CG2201 | 2.51 | down | 0.00 |
| 1637534_at | olf186-F | 2.50 | down | 0.00 |
| 1641219_at | CG11136 /// | 2.50 | down | 0.01 |
| 1626892_at | del | 2.50 | down | 0.05 |
| 1634599_s_a | ctp | 2.50 | down | 0.01 |
| 1637717_at | sev | 2.49 | down | 0.05 |
| 1629641_s_a | --- | 2.49 | down | 0.00 |
| 1623466_at | bab1 | 2.49 | down | 0.01 |
| 1637352_a_a | CG18812 | 2.48 | down | 0.00 |
| 1626730_s_a | tna | 2.48 | down | 0.06 |
| 1636104_at | --- | 2.48 | down | 0.09 |
| 1632196_at | Abi | 2.48 | down | 0.00 |
| 1632285_at | CG2165 /// | 2.48 | down | 0.00 |
| 1638807_s_a | CG4829 | 2.48 | down | 0.00 |
| 1628726_s_a | Rgl | 2.48 | down | 0.01 |
| 1634207_at | CG16799 /// | 2.47 | down | 0.00 |
| 1639703_s_a | CG10936 | 2.47 | down | 0.02 |
| 1637936_at | CG32512 | 2.47 | down | 0.02 |
| 1639592_at | CG3624 | 2.47 | down | 0.00 |
| 1634427_at | CG15461 | 2.46 | down | 0.01 |
| 1630119_s_a | norpA | 2.46 | down | 0.00 |
| 1635372_a_a | Zeelin1 | 2.46 | down | 0.04 |
| 1626802_a_a | Sh | 2.46 | down | 0.02 |
| 1641429_at | GstE2 | 2.46 | down | 0.01 |

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|-------------|-------------|------|------|------|
| 1629441_at | Fit2 | 3.11 | down | 0.01 |
| 1630533_at | CG3221 | 3.11 | down | 0.02 |
| 1636198_at | CG1265 | 3.08 | down | 0.02 |
| 1634406_at | CG32982 | 3.07 | down | 0.01 |
| 1634684_at | CG7272 | 3.07 | down | 0.01 |
| 1627841_at | CG11170 | 3.05 | down | 0.01 |
| 1623094_at | Tsp42Ei | 3.05 | down | 0.02 |
| 1637662_at | msta | 3.05 | down | 0.02 |
| 1626303_s_a | CG32194 | 3.03 | down | 0.00 |
| 1628439_s_a | --- | 3.02 | down | 0.01 |
| 1632636_at | CG2145 | 3.01 | down | 0.02 |
| 1626688_at | CG13004 | 2.96 | down | 0.01 |
| 1627679_at | CG12470 | 2.95 | down | 0.00 |
| 1627319_at | CG14430 | 2.93 | down | 0.01 |
| 1623883_at | CG18661 /// | 2.92 | down | 0.03 |
| 1636382_at | CG17574 | 2.91 | down | 0.00 |
| 1632212_at | CG14401 | 2.91 | down | 0.06 |
| 1626812_at | CG14132 | 2.89 | down | 0.02 |
| 1624503_at | CG4786 | 2.84 | down | 0.02 |
| 1625511_at | CG34383 | 2.84 | down | 0.04 |
| 1628315_at | CG17264 | 2.78 | down | 0.08 |
| 1625891_at | CG17111 | 2.78 | down | 0.02 |
| 1640703_at | CG30460 | 2.77 | down | 0.01 |
| 1630380_at | CG3837 | 2.77 | down | 0.00 |
| 1632664_at | Osi12 | 2.76 | down | 0.10 |
| 1632802_at | JhI-26 | 2.76 | down | 0.03 |
| 1637256_at | CG34349 | 2.73 | down | 0.02 |
| 1632978_at | CG32207 | 2.72 | down | 0.06 |
| 1641042_at | CG16820 | 2.72 | down | 0.09 |
| 1636798_at | CG13482 | 2.71 | down | 0.06 |
| 1639676_at | CG15173 | 2.71 | down | 0.00 |
| 1623116_at | --- | 2.70 | down | 0.08 |
| 1626789_at | CG13618 /// | 2.70 | down | 0.00 |
| 1633483_a_a | CG14207 | 2.67 | down | 0.02 |
| 1639690_a_a | sba | 2.66 | down | 0.01 |
| 1625349_at | beat-IIIc | 2.66 | down | 0.05 |
| 1636245_at | T48 | 2.65 | down | 0.02 |
| 1638724_at | CG18507 | 2.62 | down | 0.02 |
| 1635581_at | CG8300 | 2.62 | down | 0.01 |
| 1625360_at | CG33458 | 2.62 | down | 0.00 |
| 1623753_at | TepIII | 2.61 | down | 0.06 |
| 1628121_at | Osi14 | 2.61 | down | 0.01 |
| 1633558_s_a | CG14997 | 2.60 | down | 0.05 |

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|-------------|------------|-------|------|------|
| 1637204_at | Ptp99A | 5.65 | down | 0.00 |
| 1632003_a_a | Ptp99A | 2.34 | down | 0.00 |
| 1641460_at | CanB | 14.89 | down | 0.00 |
| 1632216_at | CanA1 | 14.67 | down | 0.00 |
| 1637378_s_a | ia2 | 11.68 | down | 0.00 |
| 1628882_at | CG7378 | 3.39 | down | 0.00 |
| 1633918_s_a | CG7115 | 2.61 | down | 0.00 |
| 1623708_at | alph | 2.12 | down | 0.00 |
| 1630524_at | --- | 4.34 | down | 0.00 |
| 1639956_at | CG17760 | 16.36 | down | 0.00 |
| 1624726_s_a | CG7145 | 2.17 | down | 0.00 |
| 1626647_at | Mcm5 | 2.84 | down | 0.10 |
| 1637853_a_a | Hk | 4.36 | down | 0.00 |
| 1635360_at | CG10830 | 3.54 | down | 0.01 |
| 1635007_at | Sulf1 | 4.60 | down | 0.00 |
| 1639535_at | pgant2 | 6.19 | down | 0.00 |
| 1638656_at | CG8646 | 22.41 | down | 0.00 |
| 1638247_at | CG17065 | 2.61 | down | 0.01 |
| 1628718_at | CG11289 | 52.72 | down | 0.00 |
| 1640870_s_a | CG17322 | 6.91 | down | 0.00 |
| 1638051_at | CG17323 | 5.17 | down | 0.00 |
| 1641191_s_a | Ugt36Bc | 3.31 | down | 0.00 |
| 1627662_at | Ugt35a | 2.36 | down | 0.00 |
| 1638330_at | Dot | 2.30 | down | 0.01 |
| 1626417_at | Cht3 | 2.92 | down | 0.00 |
| 1639408_a_a | --- | 6.31 | down | 0.00 |
| 1625065_s_a | SK | 38.73 | down | 0.00 |
| 1627752_s_a | SK | 21.37 | down | 0.00 |
| 1626665_at | CG7408 | 4.36 | down | 0.00 |
| 1641629_at | CG7402 | 3.40 | down | 0.00 |
| 1639222_at | CG32191 | 3.18 | down | 0.00 |
| 1633637_at | CG17026 | 7.00 | down | 0.00 |
| 1630150_s_a | Cg25C | 2.89 | down | 0.00 |
| 1632932_a_a | CG33171 | 9.81 | down | 0.00 |
| 1624485_at | CG6867 | 2.16 | down | 0.01 |
| 1639229_at | vkg | 4.54 | down | 0.00 |
| 1638432_a_a | CG10082 | 2.04 | down | 0.01 |
| 1633272_at | CG9090 /// | 3.69 | down | 0.00 |
| 1627670_at | CG18788 | 2.43 | down | 0.00 |
| 1629732_at | CG8791 | 4.78 | down | 0.00 |
| 1626044_at | CG7628 | 4.08 | down | 0.01 |
| 1639387_s_a | crq | 3.21 | down | 0.00 |
| 1638953_a_a | drpr | 2.43 | down | 0.00 |

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|-------------|--------------|------|------|------|
| 1632961_at | Shaw | 2.46 | down | 0.01 |
| 1635379_at | CG31300 | 2.46 | down | 0.01 |
| 1641717_s_a | --- | 2.45 | down | 0.01 |
| 1629411_at | CG8444 /// 1 | 2.45 | down | 0.02 |
| 1628992_at | --- | 2.45 | down | 0.01 |
| 1630118_s_a | Dyb | 2.45 | down | 0.10 |
| 1626893_at | Gasp | 2.44 | down | 0.03 |
| 1628628_at | CalpA | 2.44 | down | 0.00 |
| 1632213_s_a | CG31292 /// | 2.44 | down | 0.06 |
| 1634197_at | CG11576 | 2.44 | down | 0.00 |
| 1624807_at | CG5629 | 2.44 | down | 0.02 |
| 1639825_at | comt | 2.44 | down | 0.01 |
| 1624795_at | CG1105 | 2.44 | down | 0.00 |
| 1637394_s_a | CG31781 | 2.44 | down | 0.01 |
| 1630985_at | CG30441 | 2.44 | down | 0.04 |
| 1637687_at | ct | 2.44 | down | 0.00 |
| 1627218_a_a | CG7646 | 2.43 | down | 0.01 |
| 1627270_at | CG15893 | 2.43 | down | 0.00 |
| 1631581_at | CG18268 | 2.43 | down | 0.02 |
| 1634669_at | CG32333 /// | 2.43 | down | 0.00 |
| 1639452_at | CG14984 | 2.42 | down | 0.01 |
| 1634063_a_a | stumps | 2.42 | down | 0.00 |
| 1630399_at | Cad99C | 2.42 | down | 0.02 |
| 1640886_a_a | kay | 2.41 | down | 0.02 |
| 1630038_at | pyd3 | 2.41 | down | 0.00 |
| 1641068_a_a | spz | 2.41 | down | 0.03 |
| 1625149_at | CG7460 | 2.41 | down | 0.00 |
| 1627872_at | CG3770 | 2.41 | down | 0.01 |
| 1638490_at | CG15365 | 2.41 | down | 0.04 |
| 1625349_at | beat-IIIc | 2.40 | down | 0.00 |
| 1628672_at | pio | 2.40 | down | 0.01 |
| 1626167_at | CG11125 | 2.39 | down | 0.04 |
| 1640943_at | PSR | 2.39 | down | 0.00 |
| 1638935_at | CG7091 | 2.39 | down | 0.00 |
| 1641678_at | CG5319 | 2.39 | down | 0.03 |
| 1632465_s_a | CG6424 | 2.38 | down | 0.00 |
| 1626544_at | CG14818 | 2.38 | down | 0.00 |
| 1624448_at | CG6356 | 2.38 | down | 0.06 |
| 1635591_at | NijA | 2.38 | down | 0.03 |
| 1635848_at | Inos | 2.38 | down | 0.00 |
| 1640004_at | PH4alphaM | 2.38 | down | 0.00 |
| 1628323_s_a | ogre | 2.38 | down | 0.00 |
| 1627410_at | Amph | 2.37 | down | 0.00 |

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|-------------|--------------|------|------|------|
| 1639452_at | CG14984 | 2.60 | down | 0.01 |
| 1624881_at | CG11448 | 2.60 | down | 0.02 |
| 1641445_s_a | CG7192 | 2.59 | down | 0.03 |
| 1632341_at | CG13559 | 2.58 | down | 0.01 |
| 1639778_at | CG18304 | 2.58 | down | 0.06 |
| 1638854_s_a | CG17667 /// | 2.58 | down | 0.01 |
| 1633611_s_a | CG32043 | 2.57 | down | 0.00 |
| 1623928_at | CG5910 | 2.57 | down | 0.01 |
| 1636145_at | CG7219 | 2.57 | down | 0.02 |
| 1623712_at | CG10132 | 2.56 | down | 0.00 |
| 1640281_s_a | CG17129 | 2.56 | down | 0.09 |
| 1635049_at | CG13877 | 2.53 | down | 0.04 |
| 1629773_at | CG14518 | 2.52 | down | 0.06 |
| 1639297_at | CG9568 /// 1 | 2.51 | down | 0.02 |
| 1632226_at | CG1079 | 2.48 | down | 0.07 |
| 1638543_at | CG33775 | 2.47 | down | 0.01 |
| 1626442_at | CG7224 /// 1 | 2.47 | down | 0.01 |
| 1638519_at | CG32599 | 2.47 | down | 0.04 |
| 1635782_at | CG32692 | 2.46 | down | 0.09 |
| 1629538_s_a | --- | 2.46 | down | 0.05 |
| 1630893_at | CG7639 | 2.45 | down | 0.04 |
| 1640829_at | CG12075 | 2.45 | down | 0.01 |
| 1639731_at | CG7785 | 2.44 | down | 0.02 |
| 1630248_at | CG5346 | 2.44 | down | 0.02 |
| 1623342_at | CG8369 | 2.43 | down | 0.01 |
| 1625304_s_a | --- | 2.42 | down | 0.02 |
| 1640032_a_a | CG3814 | 2.40 | down | 0.03 |
| 1627400_a_a | CG5613 | 2.39 | down | 0.04 |
| 1632953_at | CG13250 | 2.38 | down | 0.03 |
| 1623014_at | CG18537 | 2.38 | down | 0.07 |
| 1639917_at | CG32541 /// | 2.37 | down | 0.01 |
| 1623080_at | CG18410 | 2.36 | down | 0.05 |
| 1630439_at | --- | 2.36 | down | 0.01 |
| 1635651_at | CG30195 | 2.35 | down | 0.06 |
| 1627129_at | --- | 2.34 | down | 0.06 |
| 1631962_at | MtnD | 2.34 | down | 0.07 |
| 1636768_s_a | --- | 2.34 | down | 0.10 |
| 1641084_at | CG13897 | 2.33 | down | 0.01 |
| 1634507_s_a | CG17549 | 2.33 | down | 0.01 |
| 1633333_a_a | CG7231 | 2.32 | down | 0.01 |
| 1627267_at | MESR3 | 2.30 | down | 0.02 |
| 1624720_s_a | CG6043 | 2.30 | down | 0.01 |
| 1629027_at | CG14662 | 2.30 | down | 0.02 |

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|-------------|--------------|-------|------|------|
| 1631821_at | Sr-CI | 21.10 | down | 0.00 |
| 1626390_at | Ced-12 | 2.29 | down | 0.00 |
| 1630741_s_a | PGRP-LB | 3.72 | down | 0.00 |
| 1635788_a_a | SelR | 2.31 | down | 0.00 |
| 1633106_at | CG6662 | 2.93 | down | 0.00 |
| 1631331_a_a | pxt | 3.98 | down | 0.07 |
| 1623372_at | CG5873 | 13.53 | down | 0.00 |
| 1640097_at | Pxn | 7.14 | down | 0.00 |
| 1631111_at | CG6879 | 6.70 | down | 0.00 |
| 1639225_at | CG13711 | 2.45 | down | 0.03 |
| 1641675_at | so | 6.59 | down | 0.00 |
| 1638681_at | pio | 4.42 | down | 0.00 |
| 1631454_a_a | pio | 2.77 | down | 0.00 |
| 1628672_at | pio | 2.13 | down | 0.00 |
| 1637067_at | CG6074 | 11.09 | down | 0.00 |
| 1636374_at | CAH1 | 3.19 | down | 0.00 |
| 1623693_a_a | drongo | 2.10 | down | 0.00 |
| 1641498_at | eIF4AIII | 2.01 | down | 0.00 |
| 1637113_s_a | CG15105 | 18.45 | down | 0.00 |
| 1627852_at | CG14655 | 5.51 | down | 0.00 |
| 1640042_at | CG12299 | 4.76 | down | 0.00 |
| 1641287_at | CG8301 | 2.09 | down | 0.00 |
| 1636540_at | CG8165 | 2.32 | down | 0.00 |
| 1631377_a_a | Adk1 | 2.35 | down | 0.00 |
| 1641443_at | CG5418 | 5.40 | down | 0.00 |
| 1629033_at | CG2277 | 3.07 | down | 0.00 |
| 1630679_at | CG1961 /// 1 | 4.20 | down | 0.01 |
| 1635445_at | sls | 9.32 | down | 0.00 |
| 1628671_a_a | sls | 9.18 | down | 0.00 |
| 1634102_at | sls | 4.84 | down | 0.00 |
| 1640830_at | CG40300 | 2.93 | down | 0.05 |
| 1626355_at | DNApol-eps | 2.18 | down | 0.04 |
| 1626560_at | AQP /// blw | 7.49 | down | 0.00 |
| 1628793_at | CG6106 | 4.21 | down | 0.00 |
| 1625175_s_a | CG7082 | 2.07 | down | 0.00 |
| 1623919_a_a | kuk | 4.00 | down | 0.00 |
| 1636886_at | spn-E | 2.32 | down | 0.02 |
| 1625340_at | nonA | 3.71 | down | 0.00 |
| 1636615_at | elav | 3.87 | down | 0.01 |
| 1623347_at | CG11674 | 2.10 | down | 0.07 |
| 1632457_s_a | mam | 5.14 | down | 0.00 |
| 1634452_s_a | endoA | 3.11 | down | 0.00 |
| 1628778_at | itp | 28.75 | down | 0.00 |

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| 1632003_a_a Ptp99A | 2.37 | down | 0.04 |
| 1627454_a_a cora | 2.37 | down | 0.10 |
| 1625201_s_a CG17230 | 2.37 | down | 0.01 |
| 1637506_at CG32758 | 2.37 | down | 0.00 |
| 1633641_a_a CG15611 | 2.36 | down | 0.01 |
| 1631764_a_a CG30115 | 2.36 | down | 0.02 |
| 1638405_at CG9338 /// 1 | 2.36 | down | 0.01 |
| 1626874_at Eip63F-1 | 2.36 | down | 0.00 |
| 1626694_at CG1674 | 2.35 | down | 0.01 |
| 1639098_s_a CG2837 | 2.35 | down | 0.03 |
| 1640489_at CG18522 | 2.35 | down | 0.05 |
| 1641708_at CG34133 | 2.35 | down | 0.02 |
| 1625450_at mth114 | 2.35 | down | 0.09 |
| 1624290_at CG4752 | 2.35 | down | 0.00 |
| 1631121_at CG7267 | 2.35 | down | 0.01 |
| 1623883_at CG18661 /// | 2.35 | down | 0.02 |
| 1638280_at --- | 2.34 | down | 0.01 |
| 1634733_at CG3831 /// 1 | 2.34 | down | 0.03 |
| 1635619_a_a cnn | 2.34 | down | 0.01 |
| 1631400_at Cpr66D | 2.33 | down | 0.00 |
| 1633241_at CG31340 | 2.33 | down | 0.00 |
| 1630229_at CG9815 | 2.33 | down | 0.01 |
| 1635035_at CG9384 | 2.33 | down | 0.00 |
| 1640584_at --- | 2.33 | down | 0.06 |
| 1640228_at CG11658 | 2.33 | down | 0.01 |
| 1634445_at CG32750 | 2.33 | down | 0.00 |
| 1632907_a_a CG13204 | 2.33 | down | 0.00 |
| 1633294_at CG2812 | 2.33 | down | 0.00 |
| 1638563_at CG6490 | 2.33 | down | 0.04 |
| 1626896_at CG16918 | 2.32 | down | 0.04 |
| 1631672_at CG9867 | 2.32 | down | 0.00 |
| 1626552_at CG3568 | 2.32 | down | 0.02 |
| 1637794_at CG4927 | 2.31 | down | 0.02 |
| 1640758_at CG32613 | 2.31 | down | 0.06 |
| 1625724_at Pde1c | 2.31 | down | 0.01 |
| 1635175_at CG17121 | 2.31 | down | 0.01 |
| 1639516_at CG30187 | 2.31 | down | 0.01 |
| 1631584_at CG31189 | 2.31 | down | 0.02 |
| 1639676_at CG15173 | 2.31 | down | 0.00 |
| 1627319_at CG14430 | 2.30 | down | 0.02 |
| 1640470_s_a Fur2 | 2.30 | down | 0.01 |
| 1638004_at Cbp53E | 2.30 | down | 0.05 |
| 1625861_at CG13012 | 2.30 | down | 0.00 |

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| 1628386_at --- | 2.29 | down | 0.07 |
| 1638405_at CG9338 /// 1 | 2.28 | down | 0.04 |
| 1632465_s_a CG6424 | 2.28 | down | 0.04 |
| 1631175_a_a CG10283 | 2.28 | down | 0.01 |
| 1625922_a_a CG10508 | 2.28 | down | 0.05 |
| 1633066_at CG13215 | 2.26 | down | 0.04 |
| 1632875_at Grip71 | 2.26 | down | 0.01 |
| 1625664_at CG14059 | 2.26 | down | 0.01 |
| 1635476_at CG9752 | 2.25 | down | 0.03 |
| 1626341_at CG14122 | 2.25 | down | 0.06 |
| 1637190_at CG9149 | 2.24 | down | 0.00 |
| 1639660_s_a CG10550 | 2.24 | down | 0.04 |
| 1624760_at CG8306 | 2.24 | down | 0.05 |
| 1623199_a_a CG32352 | 2.23 | down | 0.04 |
| 1638280_at --- | 2.22 | down | 0.00 |
| 1634218_at CG17270 | 2.22 | down | 0.01 |
| 1625201_s_a CG17230 | 2.22 | down | 0.02 |
| 1628646_at CG18507 | 2.21 | down | 0.05 |
| 1626544_at CG14818 | 2.19 | down | 0.07 |
| 1628992_at --- | 2.19 | down | 0.03 |
| 1624893_at CG8852 | 2.18 | down | 0.02 |
| 1626590_a_a MCPH1 | 2.17 | down | 0.02 |
| 1638147_at CG7772 | 2.16 | down | 0.02 |
| 1638282_at CG14196 | 2.16 | down | 0.10 |
| 1639309_at CG12333 | 2.15 | down | 0.03 |
| 1640989_at CG12811 | 2.14 | down | 0.00 |
| 1635771_a_a CG32306 | 2.14 | down | 0.08 |
| 1627667_at CG16753 | 2.14 | down | 0.01 |
| 1631672_at CG9867 | 2.14 | down | 0.02 |
| 1639588_at CG5073 | 2.14 | down | 0.04 |
| 1641039_at CG1397 | 2.13 | down | 0.03 |
| 1630163_at CG32373 | 2.12 | down | 0.02 |
| 1640963_at CG5541 | 2.12 | down | 0.01 |
| 1628174_at CG33119 | 2.11 | down | 0.10 |
| 1639906_a_a CG7759 | 2.10 | down | 0.01 |
| 1625291_s_a CG18766 | 2.08 | down | 0.01 |
| 1634434_at CG5359 | 2.08 | down | 0.02 |
| 1637830_s_a CG31145 | 2.05 | down | 0.06 |
| 1637103_at CG9640 | 2.04 | down | 0.04 |
| 1627548_at CG12541 | 2.04 | down | 0.01 |
| 1628893_at CG15589 | 2.03 | down | 0.04 |
| 1630702_at CG14590 | 2.03 | down | 0.06 |
| 1633232_at CG18358 | 2.02 | down | 0.02 |

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|--------------------------|-------|------|------|
| 1627259_a_a ovo | 7.25 | down | 0.00 |
| 1634350_at sob | 5.32 | down | 0.00 |
| 1629097_at kni | 22.02 | down | 0.00 |
| 1627100_s_a drm | 10.46 | down | 0.00 |
| 1623144_at ci | 3.73 | down | 0.00 |
| 1623415_at dl | 10.37 | down | 0.00 |
| 1639692_s_a dl | 2.00 | down | 0.04 |
| 1625850_at odd | 14.69 | down | 0.00 |
| 1627614_at chn | 3.77 | down | 0.00 |
| 1625195_s_a shn | 2.49 | down | 0.00 |
| 1634576_at N | 5.19 | down | 0.00 |
| 1637917_s_a ttk | 2.23 | down | 0.00 |
| 1635211_at sbb | 2.90 | down | 0.00 |
| 1635372_a_a Zeelin1 | 5.93 | down | 0.00 |
| 1636600_a_a Zeelin1 | 4.68 | down | 0.00 |
| 1635584_s_a Tm1 | 4.73 | down | 0.00 |
| 1629235_s_a wupA | 4.87 | down | 0.00 |
| 1641325_s_a Tm2 | 8.68 | down | 0.00 |
| 1630456_at Mbs | 7.06 | down | 0.00 |
| 1635238_s_a Mbs | 2.18 | down | 0.00 |
| 1626016_s_a tmod | 2.60 | down | 0.00 |
| 1630509_at Mp20 | 5.89 | down | 0.00 |
| 1625752_at TpnC41C | 3.28 | down | 0.02 |
| 1628186_at CG11165 | 2.10 | down | 0.07 |
| 1631167_at CG5023 | 4.85 | down | 0.00 |
| 1625071_a_a Mlc2 | 15.13 | down | 0.00 |
| 1623197_a_a zormin | 6.25 | down | 0.00 |
| 1625471_s_a CG4928 /// 1 | 5.87 | down | 0.01 |
| 1640817_at zormin | 2.94 | down | 0.00 |
| 1626603_at zormin | 2.17 | down | 0.00 |
| 1635340_at tud | 2.34 | down | 0.00 |
| 1639953_at osk | 3.99 | down | 0.08 |
| 1631153_at osk | 3.37 | down | 0.08 |
| 1637945_at --- | 2.41 | down | 0.00 |
| 1631632_s_a BicC | 3.22 | down | 0.04 |
| 1630502_at ana | 6.40 | down | 0.00 |
| 1627838_at uzip | 2.01 | down | 0.00 |
| 1631931_s_a Sdc | 2.03 | down | 0.00 |
| 1639980_s_a Mlp84B | 8.66 | down | 0.00 |
| 1638818_at Mlp60A | 7.00 | down | 0.00 |
| 1637095_at CG15818 /// | 5.88 | down | 0.00 |
| 1638682_a_a neur | 2.77 | down | 0.00 |
| 1626892_at del | 8.23 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1629773_at | CG14518 | 2.30 | down | 0.06 |
| 1636492_at | CR30029 | 2.30 | down | 0.01 |
| 1626905_at | Cyp317a1 | 2.30 | down | 0.00 |
| 1630582_s_a | CG3967 | 2.30 | down | 0.00 |
| 1626688_at | CG13004 | 2.29 | down | 0.02 |
| 1637430_s_a | CG1572 | 2.29 | down | 0.02 |
| 1626143_a_a | CG32138 /// | 2.29 | down | 0.06 |
| 1632071_at | CG8870 | 2.28 | down | 0.00 |
| 1635156_s_a | Pka-R1 | 2.28 | down | 0.01 |
| 1634099_at | rdgB | 2.27 | down | 0.02 |
| 1640736_at | b | 2.27 | down | 0.01 |
| 1633074_a_a | Moe | 2.27 | down | 0.00 |
| 1633481_at | CG14394 | 2.27 | down | 0.01 |
| 1635581_at | CG8300 | 2.27 | down | 0.01 |
| 1625332_at | CG14764 | 2.27 | down | 0.02 |
| 1626753_at | CG12947 | 2.27 | down | 0.00 |
| 1636382_at | CG17574 | 2.27 | down | 0.00 |
| 1629916_at | debcl | 2.26 | down | 0.00 |
| 1639145_s_a | Atpalpha | 2.26 | down | 0.01 |
| 1626586_at | Obp57a | 2.26 | down | 0.00 |
| 1623712_at | CG10132 | 2.26 | down | 0.01 |
| 1632533_at | Timp | 2.25 | down | 0.00 |
| 1640096_at | Fancd2 | 2.25 | down | 0.02 |
| 1634809_s_a | CG30194 /// | 2.25 | down | 0.05 |
| 1640327_at | CG6023 | 2.25 | down | 0.10 |
| 1635352_s_a | Vha44 | 2.25 | down | 0.02 |
| 1630996_s_a | CG17723 | 2.25 | down | 0.01 |
| 1637280_at | LpR1 | 2.25 | down | 0.02 |
| 1623977_at | nvyl | 2.25 | down | 0.03 |
| 1639946_at | CG17726 | 2.25 | down | 0.00 |
| 1626426_at | CG11155 | 2.24 | down | 0.01 |
| 1625511_at | CG34383 | 2.24 | down | 0.01 |
| 1624109_s_a | CG31522 | 2.24 | down | 0.08 |
| 1624900_at | CG31051 | 2.24 | down | 0.04 |
| 1625664_at | CG14059 | 2.24 | down | 0.04 |
| 1636780_at | meso18E | 2.24 | down | 0.03 |
| 1634512_at | CG5226 | 2.24 | down | 0.01 |
| 1634270_at | CG5037 | 2.24 | down | 0.01 |
| 1641246_at | defl | 2.24 | down | 0.00 |
| 1638580_at | caps | 2.23 | down | 0.10 |
| 1638678_at | CG6522 | 2.23 | down | 0.00 |
| 1640284_at | Cha | 2.23 | down | 0.01 |
| 1626109_a_a | Drip | 2.23 | down | 0.01 |

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|-------------|---------|------|------|------|
| 1624581_at | dpr7 | 2.02 | down | 0.03 |
| 1638498_s_a | CG1600 | 2.01 | down | 0.03 |
| 1637352_a_a | CG18812 | 2.01 | down | 0.03 |
| 1634329_at | CG32579 | 2.00 | down | 0.05 |

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|-------------|------------|-------|------|------|
| 1639940_at | disco | 17.90 | down | 0.00 |
| 1637552_s_a | shep | 3.06 | down | 0.00 |
| 1637957_s_a | Rbp9 | 3.36 | down | 0.00 |
| 1623699_a_a | sm | 2.35 | down | 0.00 |
| 1641096_s_a | orb2 | 3.90 | down | 0.00 |
| 1626228_a_a | CG6967 | 3.06 | down | 0.01 |
| 1632418_s_a | pum | 4.89 | down | 0.00 |
| 1641310_at | ko | 4.08 | down | 0.00 |
| 1624321_at | Rac2 | 3.29 | down | 0.01 |
| 1633074_a_a | Moe | 2.34 | down | 0.00 |
| 1627506_at | ed | 2.08 | down | 0.01 |
| 1628146_at | crb | 2.93 | down | 0.00 |
| 1624490_s_a | hb | 4.53 | down | 0.00 |
| 1634063_a_a | stumps | 3.71 | down | 0.00 |
| 1627135_at | bnl | 4.90 | down | 0.00 |
| 1631994_a_a | Mocs1 | 4.85 | down | 0.00 |
| 1641048_a_a | toc | 3.93 | down | 0.00 |
| 1634727_a_a | thr | 2.30 | down | 0.00 |
| 1634209_at | pim | 4.24 | down | 0.02 |
| 1634359_a_a | Borr | 4.61 | down | 0.03 |
| 1637687_at | ct | 3.40 | down | 0.00 |
| 1625385_at | ct | 3.06 | down | 0.00 |
| 1625024_at | zwilch | 3.59 | down | 0.00 |
| 1629015_a_a | DAAM | 4.05 | down | 0.00 |
| 1636950_at | CG11077 | 2.25 | down | 0.01 |
| 1641382_at | Pms2 | 2.43 | down | 0.00 |
| 1626294_a_a | stai | 3.45 | down | 0.03 |
| 1634487_at | tau | 5.50 | down | 0.00 |
| 1637144_a_a | Map205 | 2.98 | down | 0.00 |
| 1636921_at | l(2)06496 | 2.20 | down | 0.00 |
| 1635619_a_a | cnn | 5.56 | down | 0.00 |
| 1633745_a_a | shot | 2.37 | down | 0.00 |
| 1641026_a_a | --- | 2.36 | down | 0.00 |
| 1624688_at | CG9360 /// | 8.03 | down | 0.00 |
| 1639164_at | CG9486 | 5.66 | down | 0.00 |
| 1630212_at | CG2065 | 4.08 | down | 0.00 |
| 1636674_at | CG11407 | 3.50 | down | 0.00 |
| 1623201_at | CG5783 | 3.12 | down | 0.00 |
| 1641371_at | CG2070 | 3.01 | down | 0.00 |
| 1637973_a_a | CG4407 | 2.71 | down | 0.00 |
| 1623959_at | CG1532 /// | 2.64 | down | 0.00 |
| 1632782_a_a | CG7675 | 2.09 | down | 0.01 |
| 1631682_at | twi | 2.39 | down | 0.01 |

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|-------------|--------------|------|------|------|
| 1628301_at | CG32159 | 2.22 | down | 0.03 |
| 1624542_at | CG31757 | 2.22 | down | 0.01 |
| 1625323_at | CG32397 | 2.22 | down | 0.01 |
| 1627434_at | CG5741 | 2.22 | down | 0.00 |
| 1636196_s_a | CG6891 /// C | 2.22 | down | 0.00 |
| 1628215_s_a | kuz | 2.21 | down | 0.01 |
| 1630570_at | CG13003 | 2.21 | down | 0.07 |
| 1640654_at | He | 2.21 | down | 0.00 |
| 1639222_at | CG32191 | 2.21 | down | 0.02 |
| 1627044_s_a | Ca-P60A | 2.21 | down | 0.01 |
| 1628252_at | CG17919 | 2.21 | down | 0.01 |
| 1623931_s_a | CanA-14F | 2.21 | down | 0.04 |
| 1632508_s_a | caps | 2.21 | down | 0.10 |
| 1623254_s_a | CG31531 | 2.21 | down | 0.01 |
| 1637024_at | VhaPPA1-1 | 2.20 | down | 0.00 |
| 1630524_at | --- | 2.20 | down | 0.10 |
| 1629115_s_a | scrib | 2.20 | down | 0.03 |
| 1634302_s_a | CG14516 | 2.20 | down | 0.01 |
| 1635928_a_a | Pka-C3 | 2.20 | down | 0.03 |
| 1630212_at | CG2065 | 2.20 | down | 0.00 |
| 1623523_at | CG5810 | 2.20 | down | 0.03 |
| 1624892_s_a | CG11892 /// | 2.20 | down | 0.01 |
| 1632226_at | CG1079 | 2.19 | down | 0.01 |
| 1635633_s_a | bin3 | 2.19 | down | 0.05 |
| 1629035_at | CG12290 | 2.19 | down | 0.03 |
| 1625245_at | CG3759 | 2.19 | down | 0.02 |
| 1635610_at | CG8310 | 2.18 | down | 0.01 |
| 1629938_at | CtrlA | 2.18 | down | 0.01 |
| 1625249_at | ld14 | 2.18 | down | 0.01 |
| 1636669_at | Ca-P60A | 2.18 | down | 0.08 |
| 1641191_s_a | Ugt36Bc | 2.18 | down | 0.02 |
| 1639663_at | CG6276 | 2.18 | down | 0.00 |
| 1625148_s_a | 14-3-3zeta | 2.18 | down | 0.03 |
| 1637405_at | CG32649 | 2.18 | down | 0.00 |
| 1624259_at | CG32040 | 2.18 | down | 0.01 |
| 1632485_a_a | Nak | 2.18 | down | 0.00 |
| 1628320_at | CG9471 /// | 2.17 | down | 0.01 |
| 1637557_a_a | CG10724 | 2.17 | down | 0.01 |
| 1634731_at | Cyp4p3 | 2.17 | down | 0.02 |
| 1641609_at | lola | 2.17 | down | 0.06 |
| AFFX-Dros-1 | --- | 2.17 | down | 0.01 |
| 1626315_at | l(1)G0003 | 2.17 | down | 0.00 |
| 1626666_s_a | RhoGAP16I | 2.16 | down | 0.02 |

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|-------------|-------------|-------|------|------|
| 1640867_s_a | htl | 20.25 | down | 0.00 |
| 1623594_at | blow | 9.75 | down | 0.00 |
| 1636953_a_a | Lmpt | 2.87 | down | 0.00 |
| 1626221_at | Glycogenin | 5.34 | down | 0.00 |
| 1635000_at | Glycogenin | 4.88 | down | 0.00 |
| 1624731_s_a | CG33205 | 10.37 | down | 0.00 |
| 1631326_at | CG6416 | 6.56 | down | 0.00 |
| 1632121_a_a | CG6416 | 6.52 | down | 0.00 |
| 1629383_a_a | CG6416 | 6.32 | down | 0.00 |
| 1628465_a_a | CG34417 | 3.42 | down | 0.00 |
| 1636450_at | --- | 2.28 | down | 0.00 |
| 1633048_at | CG8193 | 9.86 | down | 0.00 |
| 1634962_s_a | hts | 2.74 | down | 0.00 |
| 1632191_s_a | hts | 2.54 | down | 0.03 |
| 1634736_at | hts | 2.11 | down | 0.04 |
| 1640260_at | Axs | 10.70 | down | 0.00 |
| 1632624_at | cort | 2.90 | down | 0.00 |
| 1629842_at | Gap1 | 2.01 | down | 0.00 |
| 1640892_a_a | Doa | 2.56 | down | 0.00 |
| 1632478_a_a | Pkc53E | 5.66 | down | 0.00 |
| 1631059_at | Pkc98E | 2.39 | down | 0.00 |
| 1639330_s_a | Tao-1 | 2.00 | down | 0.04 |
| 1628677_at | Pkcdelta | 5.21 | down | 0.00 |
| 1627802_s_a | Sur-8 | 2.11 | down | 0.00 |
| 1629859_s_a | vap | 3.39 | down | 0.00 |
| 1639074_at | CG33275 | 5.29 | down | 0.00 |
| 1634125_at | CG30440 | 5.56 | down | 0.00 |
| 1637641_at | Mkp3 | 4.50 | down | 0.00 |
| 1641361_a_a | Mkp3 | 2.49 | down | 0.01 |
| 1635819_at | sty | 5.68 | down | 0.00 |
| 1635677_a_a | sty | 4.38 | down | 0.00 |
| 1625127_at | fs(1)h | 2.03 | down | 0.02 |
| 1627394_s_a | aop | 2.24 | down | 0.00 |
| 1623846_at | disco-r | 24.00 | down | 0.00 |
| 1622992_at | twe | 2.23 | down | 0.01 |
| 1640991_at | CG32091 | 10.27 | down | 0.00 |
| 1633039_at | CG5646 | 3.50 | down | 0.00 |
| 1634099_at | rdgB | 3.54 | down | 0.00 |
| 1628224_a_a | E23 | 2.21 | down | 0.01 |
| 1634447_at | CG31140 | 7.62 | down | 0.00 |
| 1641412_at | CG31809 | 4.03 | down | 0.00 |
| 1630244_s_a | CG31809 /// | 2.09 | down | 0.00 |
| 1639269_a_a | Pdh | 3.57 | down | 0.00 |

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|-------------|--------------|------|------|------|
| 1636276_at | Unr | 2.16 | down | 0.04 |
| 1631120_at | mbl | 2.16 | down | 0.06 |
| 1639309_at | CG12333 | 2.16 | down | 0.00 |
| 1638441_a_a | CG18519 | 2.15 | down | 0.04 |
| 1625514_s_a | olf186-F | 2.15 | down | 0.00 |
| 1623201_at | CG5783 | 2.15 | down | 0.01 |
| 1638359_s_a | CG14478 | 2.15 | down | 0.01 |
| 1627835_a_a | CG31973 | 2.15 | down | 0.06 |
| 1636414_at | CG30004 | 2.15 | down | 0.07 |
| 1636953_a_a | Lmpt | 2.14 | down | 0.01 |
| 1641476_a_a | Timp | 2.14 | down | 0.00 |
| 1637016_at | CG33324 | 2.14 | down | 0.10 |
| 1636838_a_a | n-syb | 2.14 | down | 0.02 |
| 1634376_at | CG15307 | 2.14 | down | 0.01 |
| 1628465_a_a | CG34417 | 2.14 | down | 0.00 |
| 1626392_s_a | --- | 2.14 | down | 0.00 |
| 1623896_a_a | CG34404 | 2.14 | down | 0.00 |
| 1636122_at | Socs16D | 2.13 | down | 0.06 |
| 1629899_at | cact | 2.13 | down | 0.00 |
| 1636088_at | Dll | 2.13 | down | 0.01 |
| 1627506_at | ed | 2.13 | down | 0.00 |
| 1628222_at | CG30106 | 2.13 | down | 0.04 |
| 1636383_at | CG13856 | 2.13 | down | 0.03 |
| 1632983_s_a | l(3)82Fd | 2.13 | down | 0.00 |
| 1641501_a_a | Sh | 2.13 | down | 0.02 |
| 1625810_s_a | CG13937 | 2.13 | down | 0.01 |
| 1624186_at | CG16717 | 2.13 | down | 0.00 |
| 1641487_a_a | Trxr-1 | 2.12 | down | 0.02 |
| 1641422_at | htt | 2.12 | down | 0.05 |
| 1626417_at | Cht3 | 2.12 | down | 0.00 |
| 1637228_at | CG10663 | 2.12 | down | 0.00 |
| 1628990_at | Hmgcr | 2.11 | down | 0.01 |
| 1628146_at | crb | 2.11 | down | 0.01 |
| 1639133_at | CG1939 /// 1 | 2.11 | down | 0.01 |
| 1631363_at | CG8902 | 2.11 | down | 0.01 |
| 1630130_at | CG4404 | 2.11 | down | 0.00 |
| 1632478_a_a | Pkc53E | 2.11 | down | 0.06 |
| 1630123_at | CG3099 | 2.11 | down | 0.05 |
| 1638297_at | CG12056 | 2.11 | down | 0.01 |
| 1634487_at | tau | 2.11 | down | 0.00 |
| 1623586_a_a | pyx | 2.11 | down | 0.10 |
| 1639913_at | Con | 2.10 | down | 0.00 |
| 1624056_a_a | CG12455 | 2.10 | down | 0.00 |

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|-------------|--------------|-------|------|------|
| 1632985_at | CG1893 | 2.14 | down | 0.00 |
| 1640496_at | NPC1 | 2.22 | down | 0.00 |
| 1632106_at | CG9747 | 4.04 | down | 0.00 |
| 1624398_at | CG8630 | 2.70 | down | 0.00 |
| 1623555_at | CG10131 | 17.06 | down | 0.00 |
| 1630007_s_a | Plc21C | 2.28 | down | 0.00 |
| 1623681_at | CG10163 | 5.58 | down | 0.00 |
| 1633300_at | CG13282 | 16.49 | down | 0.00 |
| 1625255_at | CG11029 | 3.63 | down | 0.02 |
| 1636742_at | nord | 3.94 | down | 0.00 |
| 1633534_s_a | mura | 2.26 | down | 0.01 |
| 1625048_at | Nf1 | 2.02 | down | 0.00 |
| 1636625_at | mtc | 2.97 | down | 0.06 |
| 1627773_a_a | Jheh2 | 4.36 | down | 0.00 |
| 1628177_at | jhamt | 12.31 | down | 0.00 |
| 1641558_at | CG31005 | 3.05 | down | 0.01 |
| 1623825_s_a | CG17018 | 7.15 | down | 0.02 |
| 1636440_at | Sip1 | 2.38 | down | 0.00 |
| 1633032_s_a | CG8177 /// 1 | 6.29 | down | 0.00 |
| 1638244_s_a | CG8177 /// 1 | 5.74 | down | 0.00 |
| 1628930_at | swi2 | 5.68 | down | 0.00 |
| 1622970_at | form3 | 10.23 | down | 0.00 |
| 1628923_at | form3 | 2.00 | down | 0.04 |
| 1626263_at | CG7510 | 2.80 | down | 0.00 |
| 1629898_s_a | CG10737 | 2.31 | down | 0.00 |
| 1626841_s_a | ck | 2.24 | down | 0.00 |
| 1635643_at | Rab23 | 2.98 | down | 0.03 |
| 1624618_at | chrw | 2.15 | down | 0.00 |
| 1639503_at | betaTub60D | 3.13 | down | 0.01 |
| 1633026_a_a | CG31158 | 2.16 | down | 0.00 |
| 1636838_a_a | n-syb | 2.13 | down | 0.01 |
| 1627410_at | Amph | 4.52 | down | 0.00 |
| 1633204_a_a | CG10971 | 2.22 | down | 0.00 |
| 1638278_s_a | Myo61F | 2.14 | down | 0.00 |
| 1628141_at | rhea | 2.14 | down | 0.00 |
| 1640770_a_a | Eip78C | 11.09 | down | 0.00 |
| 1637370_at | yellow-f | 4.65 | down | 0.00 |
| 1630415_at | Alh | 2.37 | down | 0.00 |
| 1628604_at | D | 4.87 | down | 0.00 |
| 1626394_at | Jon99Fi | 3.85 | down | 0.01 |
| 1635848_at | Inos | 4.96 | down | 0.00 |
| 1625931_at | dbo | 2.16 | down | 0.00 |
| 1629385_s_a | --- | 6.44 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1636040_at | CG10527 /// | 2.10 | down | 0.01 |
| 1633087_at | Octbeta2R | 2.10 | down | 0.00 |
| 1635389_s_a | Idgf4 | 2.10 | down | 0.00 |
| 1629887_at | CG8180 | 2.10 | down | 0.03 |
| 1635127_at | --- | 2.10 | down | 0.01 |
| 1627005_at | Reg-5 | 2.10 | down | 0.01 |
| 1633061_at | Mgat2 | 2.09 | down | 0.00 |
| 1627821_s_a | Syt7 | 2.09 | down | 0.10 |
| 1640809_at | CG12105 /// | 2.09 | down | 0.01 |
| 1632343_at | Alas | 2.08 | down | 0.01 |
| 1625623_at | Nrx-1 | 2.08 | down | 0.01 |
| 1624432_at | Spz3 | 2.08 | down | 0.01 |
| 1624706_at | CG34349 | 2.08 | down | 0.01 |
| 1636943_s_a | Spn5 | 2.08 | down | 0.00 |
| 1625794_at | CG5830 | 2.08 | down | 0.00 |
| 1638808_at | Syx4 | 2.07 | down | 0.02 |
| 1631552_at | pyr | 2.07 | down | 0.01 |
| 1627462_a_a | CG4662 | 2.07 | down | 0.00 |
| 1624931_at | cib | 2.07 | down | 0.00 |
| 1635907_at | CG7414 | 2.07 | down | 0.06 |
| 1625923_s_a | Flo-2 | 2.07 | down | 0.00 |
| 1637249_at | CG10721 | 2.07 | down | 0.00 |
| 1624086_at | Vha36 | 2.07 | down | 0.03 |
| 1629956_at | CG10098 | 2.07 | down | 0.03 |
| 1623807_a_a | milt | 2.06 | down | 0.03 |
| 1628530_at | CG10584 | 2.06 | down | 0.01 |
| 1638509_at | CG31110 | 2.06 | down | 0.00 |
| 1639916_at | CG13923 | 2.06 | down | 0.01 |
| 1638198_at | CG12768 | 2.06 | down | 0.05 |
| 1641527_at | CG4576 | 2.06 | down | 0.01 |
| 1628422_s_a | CG31650 | 2.06 | down | 0.00 |
| 1629235_s_a | wupA | 2.05 | down | 0.02 |
| 1630623_a_a | CG8058 | 2.05 | down | 0.01 |
| 1639723_at | CG7443 | 2.05 | down | 0.02 |
| 1635126_a_a | --- | 2.04 | down | 0.08 |
| 1630533_at | CG3221 | 2.04 | down | 0.01 |
| 1631237_s_a | CG13384 | 2.04 | down | 0.01 |
| 1631426_at | CG32412 | 2.04 | down | 0.00 |
| 1630893_at | CG7639 | 2.04 | down | 0.01 |
| 1638194_at | CG4409 | 2.04 | down | 0.01 |
| 1628543_a_a | Fas3 | 2.04 | down | 0.03 |
| 1639660_s_a | CG10550 | 2.04 | down | 0.00 |
| 1635732_at | CG6915 /// | 2.04 | down | 0.03 |

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|-------------|-------------|-------|------|------|
| 1632067_at | --- | 6.58 | down | 0.00 |
| 1623244_at | --- | 3.94 | down | 0.00 |
| 1635126_a_a | --- | 2.70 | down | 0.00 |
| 1625124_at | AttA | 3.46 | down | 0.08 |
| 1631363_at | CG8902 | 3.92 | down | 0.01 |
| 1640082_at | MYPT-75D | 2.32 | down | 0.03 |
| 1630399_at | Cad99C | 2.28 | down | 0.01 |
| 1628333_at | CG4655 | 5.45 | down | 0.00 |
| 1626639_a_a | CG4655 | 4.14 | down | 0.00 |
| 1638442_at | CG4655 | 2.00 | down | 0.01 |
| 1636063_at | CG34355 /// | 3.79 | down | 0.00 |
| 1631552_at | pyr | 6.78 | down | 0.00 |
| 1630642_at | Pvf2 | 5.44 | down | 0.00 |
| 1638821_a_a | yuri | 2.40 | down | 0.01 |
| 1626217_at | Ipp | 3.58 | down | 0.00 |
| 1636219_at | Ac13E | 2.98 | down | 0.00 |
| 1628412_at | Ac78C | 2.58 | down | 0.02 |
| 1635767_at | CG4313 | 2.55 | down | 0.00 |
| 1626577_at | CG15556 | 15.59 | down | 0.00 |
| 1634667_at | CG11099 /// | 2.57 | down | 0.00 |
| 1625454_at | Gbeta5 | 2.20 | down | 0.00 |
| 1634278_at | CG6409 | 2.24 | down | 0.03 |
| 1628402_a_a | GlcAT-S | 2.27 | down | 0.03 |
| 1635227_at | ImpL3 | 4.39 | down | 0.00 |
| 1624467_a_a | CG8046 | 13.32 | down | 0.00 |
| 1640090_a_a | slgA | 4.35 | down | 0.00 |
| 1626984_at | Gld | 6.02 | down | 0.00 |
| 1635151_at | COQ7 | 2.01 | down | 0.01 |
| 1633174_at | stg | 6.58 | down | 0.00 |
| 1637109_s_a | CG3961 | 11.04 | down | 0.00 |
| 1637257_at | CG9009 | 2.01 | down | 0.00 |
| 1624393_at | w | 3.46 | down | 0.02 |
| 1632497_a_a | Gug | 3.56 | down | 0.00 |
| 1627704_a_a | Traf1 | 5.64 | down | 0.00 |
| 1641578_at | argos | 2.89 | down | 0.00 |
| 1640886_a_a | kay | 2.59 | down | 0.00 |
| 1631231_at | fz | 5.03 | down | 0.00 |
| 1639883_at | fz | 3.84 | down | 0.00 |
| 1636612_a_a | pk | 15.34 | down | 0.00 |
| 1639275_at | in | 2.59 | down | 0.00 |
| 1641153_a_a | Df31 | 2.19 | down | 0.00 |
| 1632618_a_a | cno | 3.06 | down | 0.00 |
| 1641652_a_a | stet | 2.75 | down | 0.05 |

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|-------------|-------------|------|------|------|
| 1628601_at | Klp64D | 2.04 | down | 0.01 |
| 1628386_at | --- | 2.03 | down | 0.03 |
| 1637284_at | Rlip | 2.03 | down | 0.00 |
| 1634033_s_a | Glut1 | 2.03 | down | 0.01 |
| 1638290_at | CG32528 | 2.03 | down | 0.01 |
| 1638197_at | CG3573 | 2.02 | down | 0.01 |
| 1623919_a_a | kuk | 2.02 | down | 0.08 |
| 1638064_a_a | CG12342 /// | 2.02 | down | 0.01 |
| 1634787_at | CG32638 | 2.02 | down | 0.02 |
| 1628174_at | CG33119 | 2.02 | down | 0.05 |
| 1624700_a_a | CG10175 | 2.02 | down | 0.07 |
| 1641310_at | ko | 2.02 | down | 0.04 |
| 1629189_at | sec5 | 2.02 | down | 0.01 |
| 1634818_s_a | CG2165 | 2.02 | down | 0.02 |
| 1631308_at | CG10737 | 2.02 | down | 0.00 |
| 1623179_at | CG15415 | 2.01 | down | 0.00 |
| 1628667_at | CG6689 | 2.01 | down | 0.00 |
| 1632431_s_a | Ance | 2.01 | down | 0.05 |
| 1623959_at | CG1532 /// | 2.01 | down | 0.00 |
| 1633336_at | CG32560 /// | 2.01 | down | 0.07 |
| 1629644_s_a | Mtl | 2.01 | down | 0.00 |
| 1639917_at | CG32541 /// | 2.01 | down | 0.04 |
| 1635449_s_a | Dip-B | 2.01 | down | 0.00 |
| 1625824_at | CG9779 /// | 2.01 | down | 0.00 |
| 1627015_at | sni | 2.00 | down | 0.00 |
| 1640848_at | CG11597 | 2.00 | down | 0.03 |
| 1631760_at | CG7768 /// | 2.00 | down | 0.05 |
| 1627670_at | CG18788 | 2.00 | down | 0.07 |
| 1636600_a_a | Zeelin1 | 2.00 | down | 0.02 |
| 1632526_s_a | Nc73EF | 2.00 | down | 0.05 |
| 1638282_at | CG14196 | 2.00 | down | 0.03 |
| 1639691_at | CG32038 | 2.00 | down | 0.03 |
| 1623991_s_a | coro | 2.00 | down | 0.00 |
| 1626162_s_a | alph | 2.00 | down | 0.05 |
| 1624121_at | knk | 2.00 | down | 0.03 |
| 1627373_at | Tsp42Eg | 1.99 | down | 0.02 |
| 1626575_at | CG1657 /// | 1.99 | down | 0.06 |

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|-------------|------------|-------|------|------|
| 1640654_at | He | 3.54 | down | 0.00 |
| 1624121_at | knk | 2.63 | down | 0.00 |
| 1625719_at | Atpalpha | 5.24 | down | 0.00 |
| 1628289_at | ems | 2.94 | down | 0.00 |
| 1641068_a_a | spz | 3.92 | down | 0.00 |
| 1635846_a_a | orb | 4.11 | down | 0.04 |
| 1627656_at | grk | 6.67 | down | 0.00 |
| 1637309_a_a | Cyp12e1 | 2.05 | down | 0.00 |
| 1628345_at | Cyp6a9 | 2.35 | down | 0.01 |
| 1624939_at | Cyp6a21 | 6.57 | down | 0.00 |
| 1632021_at | Cyp6a20 | 3.67 | down | 0.00 |
| 1634139_at | Cyp301a1 | 3.58 | down | 0.00 |
| 1628591_at | Cyp313a3 | 2.72 | down | 0.03 |
| 1639381_at | Cyp6a19 | 2.65 | down | 0.09 |
| 1624911_at | Cyp28d2 | 2.25 | down | 0.01 |
| 1633720_s_a | CG8795 | 2.39 | down | 0.00 |
| 1637622_s_a | Cyp12a4 | 2.71 | down | 0.03 |
| 1634075_at | dp | 8.36 | down | 0.01 |
| 1638441_a_a | CG18519 | 2.08 | down | 0.00 |
| 1636412_at | MICAL | 2.04 | down | 0.02 |
| 1632530_s_a | CG8776 | 7.27 | down | 0.00 |
| 1633460_at | CG6034 | 7.22 | down | 0.00 |
| 1625901_s_a | --- | 5.83 | down | 0.00 |
| 1624159_at | Cyp9h1 | 3.86 | down | 0.00 |
| 1640584_at | --- | 2.44 | down | 0.01 |
| 1629121_at | CG10337 | 2.23 | down | 0.00 |
| 1633252_at | CG31714 | 2.14 | down | 0.00 |
| 1640667_at | Cyp4ae1 | 2.09 | down | 0.00 |
| 1639406_at | lbn | 6.58 | down | 0.00 |
| 1630290_at | mld | 5.35 | down | 0.00 |
| 1628742_at | mld | 3.48 | down | 0.02 |
| 1641317_at | squ | 5.68 | down | 0.00 |
| 1623586_a_a | pyx | 4.51 | down | 0.00 |
| 1631526_s_a | CG31284 | 15.17 | down | 0.00 |
| 1631396_at | tos | 2.58 | down | 0.01 |
| 1625109_at | Rrp1 | 2.44 | down | 0.01 |
| 1624901_at | CG9272 | 2.08 | down | 0.02 |
| 1626494_at | DNAPol-eta | 2.49 | down | 0.01 |
| 1640223_a_a | trol | 11.84 | down | 0.00 |
| 1641442_a_a | trol | 9.29 | down | 0.00 |
| 1625116_at | trol | 8.02 | down | 0.00 |
| 1628406_s_a | --- | 2.68 | down | 0.01 |
| 1641365_s_a | --- | 2.60 | down | 0.01 |

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|-------------|---------------|------------|------|
| 1626275_at | --- | 2.57 down | 0.03 |
| 1641082_at | Corp | 2.75 down | 0.01 |
| 1629091_at | CG5177 | 7.84 down | 0.00 |
| 1634207_at | CG16799 /// | 3.11 down | 0.00 |
| 1639106_at | Grip | 5.96 down | 0.00 |
| 1625691_at | Tre1 | 3.34 down | 0.01 |
| 1638509_at | CG31110 | 2.35 down | 0.00 |
| 1625012_s_a | vir-1 | 3.91 down | 0.01 |
| 1629857_at | CG10359 | 11.90 down | 0.00 |
| 1630430_a_a | CG30437 | 7.74 down | 0.00 |
| 1635701_at | GstD3 | 2.60 down | 0.00 |
| 1623851_at | CG9400 | 4.45 down | 0.02 |
| 1636706_at | Myd88 | 2.36 down | 0.01 |
| 1634271_at | Def | 4.37 down | 0.00 |
| 1633145_at | PGRP-LF | 3.82 down | 0.00 |
| 1641530_s_a | CG2264 | 6.81 down | 0.00 |
| 1626509_at | 18w | 2.28 down | 0.01 |
| 1627551_s_a | AttA /// AttE | 3.78 down | 0.04 |
| 1638892_at | CG5397 | 2.49 down | 0.01 |
| 1630289_at | CG6435 | 2.87 down | 0.01 |
| 1625740_at | CG7466 | 3.01 down | 0.00 |
| 1628774_a_a | boi | 2.12 down | 0.05 |
| 1623523_at | CG5810 | 3.87 down | 0.00 |
| 1640681_at | CG4950 | 21.20 down | 0.00 |
| 1639838_at | CG8483 | 5.17 down | 0.00 |
| 1631280_at | CG9095 | 2.20 down | 0.00 |
| 1628652_at | Myo10A | 4.17 down | 0.00 |
| 1631327_at | mspo | 14.70 down | 0.00 |
| 1624931_at | cib | 2.44 down | 0.00 |
| 1627191_a_a | ena | 2.09 down | 0.05 |
| 1636348_s_a | Act87E | 12.64 down | 0.00 |
| 1630375_at | Mec2 | 7.08 down | 0.01 |
| 1628867_s_a | CG33334 /// | 6.75 down | 0.00 |
| 1634170_a_a | jbug | 4.04 down | 0.00 |
| 1638678_at | CG6522 | 3.88 down | 0.00 |
| 1623991_s_a | coro | 2.62 down | 0.00 |
| 1633144_at | jbug | 2.52 down | 0.00 |
| 1625999_at | CG2919 | 2.16 down | 0.00 |
| 1635711_s_a | Ank | 2.16 down | 0.00 |
| 1624744_a_a | nuf | 3.23 down | 0.00 |
| 1635460_a_a | Mhc | 5.17 down | 0.00 |
| 1624567_at | Rab35 | 2.28 down | 0.00 |
| 1636189_at | polo | 4.50 down | 0.06 |

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|-------------|-------------|-------|------|------|
| 1634906_at | alphaTub84l | 2.05 | down | 0.00 |
| 1634574_a_a | Strn-Mlck | 2.37 | down | 0.00 |
| 1634250_at | Act57B | 2.08 | down | 0.00 |
| 1625210_a_a | Msp-300 | 11.52 | down | 0.00 |
| 1627250_at | Msp-300 | 6.99 | down | 0.00 |
| 1632945_at | Msp-300 | 3.92 | down | 0.01 |
| 1637214_a_a | scra | 2.28 | down | 0.02 |
| 1637475_at | feo | 2.33 | down | 0.02 |
| 1623785_a_a | pbl | 7.93 | down | 0.00 |
| 1631524_a_a | hth | 2.99 | down | 0.00 |
| 1632177_at | hth | 2.90 | down | 0.02 |
| 1635691_at | br | 2.61 | down | 0.04 |
| 1639047_at | mask | 2.44 | down | 0.00 |
| 1641114_at | mbl | 3.49 | down | 0.00 |
| 1631120_at | mbl | 3.47 | down | 0.00 |
| 1639930_at | mbl | 2.84 | down | 0.00 |
| 1626719_a_a | wls | 2.03 | down | 0.00 |
| 1628155_at | klar | 2.00 | down | 0.00 |
| 1635223_at | CG30285 | 4.78 | down | 0.00 |
| 1625366_at | rst | 2.73 | down | 0.00 |
| 1626527_at | hh | 3.35 | down | 0.00 |
| 1632890_at | Sobp | 2.12 | down | 0.00 |
| 1630584_at | CG10657 | 13.01 | down | 0.00 |
| 1627106_a_a | CG10237 | 5.85 | down | 0.00 |
| 1631168_at | CG5687 | 11.44 | down | 0.00 |
| 1630635_s_a | CG7720 | 2.14 | down | 0.02 |
| 1638154_at | CG2187 | 2.12 | down | 0.01 |
| 1627596_at | CG4446 | 4.90 | down | 0.01 |
| 1631639_at | TpnC47D | 11.15 | down | 0.00 |
| 1632633_at | TpnC25D | 8.89 | down | 0.00 |
| 1634310_at | TpnC4 | 7.75 | down | 0.00 |
| 1631217_a_a | TpnC73F | 4.23 | down | 0.00 |
| 1632439_at | TpnC73F | 3.05 | down | 0.00 |
| 1625768_s_a | lola | 3.25 | down | 0.02 |
| 1641484_a_a | otu | 5.19 | down | 0.00 |
| 1626730_s_a | tna | 2.37 | down | 0.01 |
| 1626696_at | E(z) | 2.52 | down | 0.00 |
| 1627796_s_a | gpp | 2.59 | down | 0.03 |
| 1638708_s_a | gpp | 2.07 | down | 0.00 |
| 1636864_at | corto | 3.14 | down | 0.01 |
| 1623466_at | bab1 | 3.89 | down | 0.00 |
| 1624060_at | bab2 | 6.51 | down | 0.00 |
| 1631498_a_a | fru | 3.12 | down | 0.00 |

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|-------------|--------------|-------|------|------|
| 1626867_at | His3:CG316 | 3.65 | down | 0.01 |
| 1635666_at | His2B:CG17 | 3.56 | down | 0.01 |
| 1638308_s_a | His3:CG316 | 3.27 | down | 0.01 |
| 1623281_s_a | His2B:CG17 | 2.73 | down | 0.06 |
| 1631321_s_a | His1:CG316 | 2.96 | down | 0.00 |
| 1629740_at | His1:CG316 | 2.51 | down | 0.06 |
| 1630786_at | Chd3 | 2.17 | down | 0.04 |
| 1635630_a_a | spir | 2.37 | down | 0.01 |
| 1637280_at | LpR1 | 3.05 | down | 0.01 |
| 1626437_at | lectin-22C | 9.78 | down | 0.00 |
| 1628018_at | Hml | 23.68 | down | 0.00 |
| 1638612_at | obst-E | 18.36 | down | 0.00 |
| 1634514_at | CG33258 | 18.21 | down | 0.00 |
| 1630085_s_a | Peritrophin- | 10.59 | down | 0.00 |
| 1627720_at | CG14301 | 10.42 | down | 0.00 |
| 1625321_a_a | CG7549 | 5.68 | down | 0.00 |
| 1628498_at | obst-E | 4.13 | down | 0.00 |
| 1627771_at | CG13075 | 2.43 | down | 0.02 |
| 1626893_at | Gasp | 2.04 | down | 0.02 |
| 1625026_at | CG3348 | 2.04 | down | 0.03 |
| 1633986_at | CG5466 | 2.37 | down | 0.00 |
| 1640627_at | ds | 9.51 | down | 0.00 |
| 1630291_at | MtnB | 22.23 | down | 0.00 |
| 1638004_at | Cbp53E | 2.62 | down | 0.02 |
| 1630261_a_a | up | 5.41 | down | 0.00 |
| 1636954_at | NetB | 6.97 | down | 0.00 |
| 1628761_s_a | CG12207 | 2.58 | down | 0.01 |
| 1626842_a_a | l(3)82Fd | 2.07 | down | 0.01 |
| 1629819_s_a | Sema-2a | 21.89 | down | 0.00 |
| 1636728_at | Ptr | 9.48 | down | 0.00 |
| 1639928_a_a | CG30084 | 4.00 | down | 0.00 |
| 1626546_s_a | Tsp74F | 3.72 | down | 0.00 |
| 1630699_at | betaInt-nu | 5.04 | down | 0.00 |
| 1630043_a_a | alpha-cateni | 4.42 | down | 0.00 |
| 1635252_a_a | Actn | 3.59 | down | 0.00 |
| 1631535_at | Vinc | 3.83 | down | 0.00 |
| 1632524_at | Wnt4 | 10.10 | down | 0.00 |
| 1640774_a_a | Mob1 | 2.13 | down | 0.01 |
| 1633291_at | dy | 2.26 | down | 0.00 |
| 1634659_at | D1 | 8.70 | down | 0.00 |
| 1634398_a_a | D1 | 4.53 | down | 0.00 |
| 1623200_at | fng | 6.13 | down | 0.00 |
| 1630026_s_a | dpp | 5.74 | down | 0.00 |

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|-------------|--------------|-------|------|------|
| 1638587_at | tor | 2.15 | down | 0.04 |
| 1638125_a_a | msi | 5.06 | down | 0.00 |
| 1632713_at | nos | 3.13 | down | 0.10 |
| 1641305_at | piwi | 2.43 | down | 0.04 |
| 1634325_a_a | MESK2 | 4.22 | down | 0.00 |
| 1627511_at | chrb | 2.30 | down | 0.01 |
| 1627101_at | scyl | 2.24 | down | 0.05 |
| 1626090_at | CG3973 /// 1 | 4.46 | down | 0.00 |
| 1629445_at | mtrm | 3.74 | down | 0.10 |
| 1635403_at | shf | 2.29 | down | 0.00 |
| 1634766_at | Ser | 4.56 | down | 0.00 |
| 1623595_at | CG5439 | 2.15 | down | 0.00 |
| 1627746_at | CG6124 /// € | 27.30 | down | 0.00 |
| 1637659_a_a | CG18146 | 2.21 | down | 0.00 |
| 1625623_at | Nrx-1 | 2.63 | down | 0.00 |
| 1629794_at | iHog | 3.73 | down | 0.00 |
| 1625687_at | perd | 3.68 | down | 0.00 |
| 1633481_at | CG14394 | 2.48 | down | 0.00 |
| 1636974_at | dlp | 2.02 | down | 0.00 |
| 1632298_s_a | mfas | 15.38 | down | 0.00 |
| 1637057_at | nrm | 9.96 | down | 0.00 |
| 1625011_at | CG11206 | 2.96 | down | 0.00 |
| 1635501_at | p120ctn | 2.27 | down | 0.00 |
| 1634208_a_a | plx | 6.88 | down | 0.00 |
| 1639478_at | CG5096 | 3.69 | down | 0.00 |
| 1628336_a_a | Lac | 2.01 | down | 0.00 |
| 1628743_at | glec | 2.95 | down | 0.00 |
| 1631380_s_a | LanB1 | 5.85 | down | 0.00 |
| 1623755_at | Ten-a | 3.84 | down | 0.00 |
| 1623490_at | Ten-m | 4.45 | down | 0.00 |
| 1632744_a_a | if | 6.52 | down | 0.00 |
| 1635591_at | NijA | 2.84 | down | 0.00 |
| 1632672_at | lbk | 2.47 | down | 0.00 |
| 1634920_at | --- | 2.35 | down | 0.00 |
| 1627401_at | CG6789 | 2.06 | down | 0.06 |
| 1636474_at | CG12602 | 2.37 | down | 0.00 |
| 1631359_s_a | Vha100-2 | 2.23 | down | 0.00 |
| 1640729_s_a | nrv3 | 5.83 | down | 0.00 |
| 1627533_at | stj | 7.35 | down | 0.00 |
| 1633366_at | CG12455 | 3.96 | down | 0.00 |
| 1624056_a_a | CG12455 | 2.31 | down | 0.00 |
| 1637577_at | Zip3 | 3.87 | down | 0.01 |
| 1640896_at | CG4462 | 25.90 | down | 0.00 |

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|-------------|-------------|-------|------|------|
| 1623234_s_a | Calx | 6.47 | down | 0.00 |
| 1623653_at | VhaM9.7-2 | 2.68 | down | 0.00 |
| 1634295_at | hoe2 | 2.70 | down | 0.00 |
| 1628563_at | CG33181 | 9.73 | down | 0.00 |
| 1639619_a_a | CG3994 | 2.77 | down | 0.00 |
| 1630968_at | CG13907 | 2.24 | down | 0.00 |
| 1635938_s_a | Ork1 | 3.04 | down | 0.00 |
| 1623252_a_a | --- | 2.16 | down | 0.01 |
| 1633536_at | CG4630 | 2.19 | down | 0.01 |
| 1625307_at | sut2 | 12.06 | down | 0.00 |
| 1629070_at | CG1208 | 6.05 | down | 0.00 |
| 1626397_at | bt | 6.38 | down | 0.00 |
| 1635035_at | CG9384 | 3.76 | down | 0.00 |
| 1631549_s_a | CG18278 /// | 2.51 | down | 0.00 |
| 1635163_at | CG5731 | 2.51 | down | 0.00 |
| 1639147_s_a | CG30438 | 2.19 | down | 0.01 |
| 1640957_at | Hexo2 | 3.64 | down | 0.00 |
| 1631794_at | CG6201 | 2.33 | down | 0.00 |
| 1628821_at | CG17027 | 2.94 | down | 0.00 |
| 1637772_at | CG4726 | 3.72 | down | 0.01 |
| 1640390_at | CG3649 | 3.57 | down | 0.00 |
| 1640405_at | l(2)01810 | 6.45 | down | 0.00 |
| 1629889_s_a | regucalcin | 5.75 | down | 0.00 |
| 1636976_at | CG5322 | 7.12 | down | 0.00 |
| 1635028_s_a | --- | 10.99 | down | 0.00 |
| 1634893_at | Gpdh | 3.50 | down | 0.00 |
| 1636970_at | CG9394 | 8.80 | down | 0.00 |
| 1629034_at | CG10253 /// | 2.10 | down | 0.01 |
| 1627835_a_a | CG31973 | 5.02 | down | 0.00 |
| 1626301_at | Idgf3 | 2.28 | down | 0.00 |
| 1634520_at | vn | 3.46 | down | 0.00 |
| 1634742_at | Sodh-2 | 4.72 | down | 0.00 |
| 1624568_at | CG7985 | 3.66 | down | 0.00 |
| 1633914_at | Gal | 3.50 | down | 0.00 |
| 1624190_at | CG31637 | 2.33 | down | 0.00 |
| 1628231_at | Ac76E | 4.48 | down | 0.00 |
| 1628594_at | rut | 7.03 | down | 0.00 |
| 1626874_at | Eip63F-1 | 2.98 | down | 0.00 |
| 1627218_a_a | CG7646 | 2.76 | down | 0.00 |
| 1637457_at | CG7646 | 2.01 | down | 0.01 |
| 1636603_a_a | CG9297 | 5.82 | down | 0.00 |
| 1628331_at | Ca-beta | 3.40 | down | 0.00 |
| 1625621_s_a | f | 34.27 | down | 0.00 |

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|-------------|---------|-------|------|------|
| 1638956_at | Fas2 | 2.16 | down | 0.00 |
| 1638400_at | CG8503 | 6.09 | down | 0.00 |
| 1635636_at | to | 9.13 | down | 0.00 |
| 1627178_at | Acp62F | 2.05 | down | 0.01 |
| 1624705_a_a | fax | 5.91 | down | 0.00 |
| 1628458_at | milt | 2.45 | down | 0.00 |
| 1623087_at | Gef64C | 17.82 | down | 0.00 |
| 1626637_a_a | bif | 4.37 | down | 0.00 |
| 1641422_at | htt | 2.11 | down | 0.00 |
| 1637000_at | Vha68-1 | 5.71 | down | 0.00 |
| 1635352_s_a | Vha44 | 3.30 | down | 0.00 |
| 1633931_a_a | VhaSFD | 2.09 | down | 0.00 |
| 1629065_s_a | Vha26 | 2.14 | down | 0.00 |
| 1633290_a_a | --- | 3.52 | down | 0.00 |
| 1639671_at | egr | 14.24 | down | 0.00 |
| 1629442_at | egr | 3.07 | down | 0.00 |
| 1632705_at | ninaD | 2.89 | down | 0.00 |
| 1638652_at | CG40006 | 2.31 | down | 0.00 |
| 1636274_at | wgn | 13.73 | down | 0.00 |
| 1633498_at | CG7188 | 4.64 | down | 0.00 |
| 1640056_at | PDCD-5 | 3.30 | down | 0.00 |
| 1631475_at | AttD | 8.41 | down | 0.05 |
| 1627964_s_a | CG7888 | 7.38 | down | 0.00 |
| 1638240_s_a | CG8785 | 4.72 | down | 0.00 |
| 1631237_s_a | CG13384 | 2.13 | down | 0.00 |
| 1639528_at | CG3252 | 6.41 | down | 0.00 |
| 1623083_at | CG1698 | 6.67 | down | 0.00 |
| 1634200_a_a | CG9413 | 6.16 | down | 0.00 |
| 1632238_at | CG13248 | 5.17 | down | 0.00 |
| 1637619_s_a | Dscam | 7.23 | down | 0.00 |
| 1640835_a_a | Gdh | 2.66 | down | 0.00 |
| 1639862_at | Eaat2 | 3.05 | down | 0.00 |
| 1636835_at | CG16700 | 7.97 | down | 0.00 |
| 1639320_a_a | Ddc | 3.68 | down | 0.01 |
| 1635665_at | Tdc1 | 10.81 | down | 0.00 |
| 1631281_a_a | amd | 3.41 | down | 0.00 |
| 1632915_s_a | --- | 2.69 | down | 0.01 |
| 1628357_at | CG6142 | 29.70 | down | 0.00 |
| 1634227_a_a | CG9517 | 3.31 | down | 0.00 |
| 1626597_at | CG9521 | 2.49 | down | 0.00 |
| 1633243_at | sced | 3.11 | down | 0.01 |
| 1631340_at | Ggamma1 | 4.01 | down | 0.00 |
| 1637110_at | CG3618 | 3.40 | down | 0.00 |

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|----------------|-------------|-------|------|------|
| 1633123_at | CG7201 | 83.30 | down | 0.00 |
| 1637963_at | CG14191 | 39.41 | down | 0.00 |
| 1629922_at | CG11409 /// | 36.08 | down | 0.00 |
| 1628644_at | CG17350 | 34.63 | down | 0.00 |
| 1625897_s_a--- | | 31.17 | down | 0.00 |
| 1625405_at | yellow-c | 24.38 | down | 0.00 |
| 1623790_at | CG31901 | 22.50 | down | 0.00 |
| 1623092_at | Pcp | 22.19 | down | 0.00 |
| 1634399_at | CG18367 | 19.46 | down | 0.00 |
| 1629667_at | CG14298 /// | 19.19 | down | 0.00 |
| 1623558_at | Cpr49Ae | 18.89 | down | 0.00 |
| 1625312_at | CG10553 | 18.68 | down | 0.00 |
| 1637788_at | CG31176 | 18.54 | down | 0.00 |
| 1626171_at | --- | 18.40 | down | 0.00 |
| 1625293_at | --- | 17.35 | down | 0.00 |
| 1639440_at | CG13285 | 17.29 | down | 0.00 |
| 1633385_at | Karl | 17.05 | down | 0.00 |
| 1628715_a_a | Karl | 16.81 | down | 0.00 |
| 1638869_at | Cpr51A | 15.78 | down | 0.00 |
| 1634670_at | CG32714 | 15.59 | down | 0.00 |
| 1633788_s_a | CG15186 | 15.17 | down | 0.00 |
| 1632975_at | CG4398 | 14.78 | down | 0.00 |
| 1624342_at | CG10911 /// | 14.78 | down | 0.00 |
| 1637269_at | CG6310 | 14.63 | down | 0.00 |
| 1641508_s_a | Tsp42Eh | 14.03 | down | 0.00 |
| 1630667_at | CG34043 | 13.77 | down | 0.00 |
| 1634158_at | CG6164 | 13.15 | down | 0.00 |
| 1634842_a_a | CG11160 | 12.99 | down | 0.00 |
| 1630034_at | CG12119 | 12.92 | down | 0.00 |
| 1623571_a_a | CG9328 | 12.74 | down | 0.00 |
| 1628678_at | CG13920 | 12.72 | down | 0.00 |
| 1630605_at | CG16947 | 12.06 | down | 0.00 |
| 1630402_at | l(2)01289 | 11.85 | down | 0.00 |
| 1635968_at | CG3604 | 11.83 | down | 0.00 |
| 1633264_at | CG13024 | 11.68 | down | 0.00 |
| 1634804_at | CG15819 | 11.24 | down | 0.00 |
| 1639028_a_a | CG30296 | 11.14 | down | 0.00 |
| 1639737_at | CG33254 | 11.03 | down | 0.00 |
| 1624806_at | yellow-g | 11.00 | down | 0.00 |
| 1632399_at | CG34007 | 10.96 | down | 0.00 |
| 1627568_at | CG14109 | 10.77 | down | 0.00 |
| 1627182_at | CG13299 | 10.76 | down | 0.00 |
| 1630129_at | CG32355 | 10.74 | down | 0.00 |

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|-------------|--------------|-------|------|------|
| 1637008_at | CG14687 | 10.69 | down | 0.00 |
| 1638033_at | CG6055 | 10.28 | down | 0.00 |
| 1624763_at | CG2556 /// 1 | 10.25 | down | 0.00 |
| 1635363_a_a | Jupiter | 10.18 | down | 0.00 |
| 1630100_at | CG31607 | 10.16 | down | 0.00 |
| 1635998_at | Cpr67B | 10.13 | down | 0.00 |
| 1635945_at | CG15394 | 9.95 | down | 0.00 |
| 1636338_at | CG15021 | 9.78 | down | 0.00 |
| 1627333_at | CG11226 | 9.73 | down | 0.00 |
| 1634525_at | CG7738 | 9.69 | down | 0.00 |
| 1636148_at | CG6553 | 9.29 | down | 0.00 |
| 1635334_a_a | CG10732 /// | 9.14 | down | 0.00 |
| 1636772_s_a | CG32694 | 9.12 | down | 0.00 |
| 1640332_at | CG6972 | 9.08 | down | 0.00 |
| 1630014_at | --- | 8.93 | down | 0.01 |
| 1623117_at | CG31781 | 8.91 | down | 0.00 |
| 1633927_a_a | beat-IIIc | 8.91 | down | 0.00 |
| 1632490_at | CG8008 | 8.87 | down | 0.00 |
| 1639439_at | CG2471 /// 1 | 8.78 | down | 0.00 |
| 1638424_at | CG10514 | 8.69 | down | 0.00 |
| 1638226_at | CG10562 | 8.69 | down | 0.00 |
| 1634184_a_a | jp | 8.52 | down | 0.00 |
| 1635644_at | CG33203 | 8.43 | down | 0.00 |
| 1627793_s_a | CG9134 | 8.41 | down | 0.00 |
| 1625537_at | CG3655 | 8.37 | down | 0.00 |
| 1627721_at | CG12880 | 8.33 | down | 0.00 |
| 1635544_s_a | --- | 8.16 | down | 0.00 |
| 1623364_at | CG4250 | 8.04 | down | 0.00 |
| 1637795_at | CG7778 /// 1 | 7.84 | down | 0.00 |
| 1636461_at | CG3630 | 7.80 | down | 0.00 |
| 1641330_at | CG32212 | 7.80 | down | 0.00 |
| 1624725_at | CG9626 | 7.70 | down | 0.00 |
| 1629551_s_a | CG12268 | 7.55 | down | 0.00 |
| 1640974_a_a | CG33143 | 7.47 | down | 0.00 |
| 1623151_a_a | CG2010 | 7.44 | down | 0.00 |
| 1627785_at | Tsp42En | 7.41 | down | 0.00 |
| 1638703_a_a | CG32048 | 7.35 | down | 0.00 |
| 1627112_s_a | --- | 7.29 | down | 0.00 |
| 1636057_at | CG9572 | 7.16 | down | 0.00 |
| 1639703_s_a | CG10936 | 7.13 | down | 0.00 |
| 1630097_s_a | CG17834 | 7.02 | down | 0.00 |
| 1639211_at | --- | 6.99 | down | 0.00 |
| 1640715_at | CG5376 | 6.97 | down | 0.00 |

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|-------------|--------------|------|------|------|
| 1623662_at | CG11044 | 6.92 | down | 0.00 |
| 1634733_at | CG3831 /// 1 | 6.89 | down | 0.00 |
| 1631291_at | --- | 6.73 | down | 0.00 |
| 1641272_at | CG34352 /// | 6.71 | down | 0.00 |
| 1635109_at | CG5888 | 6.68 | down | 0.00 |
| 1623396_at | CG13875 | 6.61 | down | 0.00 |
| 1629499_at | CG11915 | 6.54 | down | 0.00 |
| 1638021_at | CG4757 | 6.46 | down | 0.04 |
| 1629804_s_a | CG6329 | 6.45 | down | 0.00 |
| 1633533_at | CG6329 | 6.43 | down | 0.00 |
| 1635196_at | CG6836 | 6.43 | down | 0.00 |
| 1633989_at | CG1124 /// 1 | 6.37 | down | 0.00 |
| 1638746_at | --- | 6.36 | down | 0.00 |
| 1639335_at | --- | 6.31 | down | 0.00 |
| 1634813_at | CG12641 | 6.23 | down | 0.00 |
| 1636743_s_a | --- | 6.22 | down | 0.00 |
| 1632886_at | CG13247 | 6.14 | down | 0.00 |
| 1635371_at | CG31323 | 6.14 | down | 0.00 |
| 1631999_at | CG10710 | 6.10 | down | 0.00 |
| 1631497_at | Tsp42Eo | 6.08 | down | 0.00 |
| 1629152_at | CG31451 | 6.02 | down | 0.00 |
| 1630418_s_a | CG31374 | 5.97 | down | 0.00 |
| 1624503_at | CG4786 | 5.94 | down | 0.00 |
| 1628087_s_a | CG10200 /// | 5.82 | down | 0.00 |
| 1638079_at | l(2)05510 | 5.80 | down | 0.00 |
| 1637645_at | miple2 | 5.78 | down | 0.00 |
| 1628139_at | CG30385 | 5.77 | down | 0.00 |
| 1634382_at | CG31675 | 5.69 | down | 0.00 |
| 1639033_at | l(2)01289 | 5.69 | down | 0.00 |
| 1631581_at | CG18268 | 5.68 | down | 0.00 |
| 1627272_at | CG30380 | 5.68 | down | 0.00 |
| 1625476_a_a | CG1674 | 5.65 | down | 0.00 |
| 1627129_at | --- | 5.64 | down | 0.00 |
| 1636768_s_a | --- | 5.58 | down | 0.00 |
| 1623265_at | CG10513 | 5.56 | down | 0.00 |
| 1629697_a_a | beat-VII | 5.47 | down | 0.00 |
| 1626479_at | Rapgap1 | 5.40 | down | 0.00 |
| 1629671_at | CG14193 | 5.40 | down | 0.01 |
| 1625861_at | CG13012 | 5.30 | down | 0.00 |
| 1629346_at | CG1443 | 5.30 | down | 0.00 |
| 1635199_at | CG6014 | 5.26 | down | 0.00 |
| 1637350_at | CG31086 | 5.24 | down | 0.00 |
| 1636059_at | CG9689 | 5.20 | down | 0.00 |

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|-------------|----------------|------|------|------|
| 1625262_at | CG17786 | 5.19 | down | 0.01 |
| 1624435_at | Tsp42Ej | 5.12 | down | 0.00 |
| 1641167_s_a | CG7047 | 5.09 | down | 0.00 |
| 1627870_at | CG31900 | 5.02 | down | 0.01 |
| 1639690_a_a | sba | 4.99 | down | 0.00 |
| 1638697_at | CG5597 | 4.99 | down | 0.00 |
| 1629027_at | CG14662 | 4.95 | down | 0.00 |
| 1623747_at | CG5895 | 4.84 | down | 0.00 |
| 1640703_at | CG30460 | 4.83 | down | 0.00 |
| 1626908_at | CG8066 | 4.81 | down | 0.00 |
| 1637366_at | CG16876 | 4.79 | down | 0.00 |
| 1635486_at | CG33468 | 4.78 | down | 0.00 |
| 1638193_at | CG5612 | 4.78 | down | 0.00 |
| 1636383_at | CG13856 | 4.76 | down | 0.00 |
| 1635716_at | beat-VII /// C | 4.66 | down | 0.00 |
| 1623575_at | --- | 4.62 | down | 0.01 |
| 1629681_x_a | CG4068 | 4.62 | down | 0.01 |
| 1635203_at | Dip2 | 4.62 | down | 0.00 |
| 1624969_s_a | CG17041 | 4.58 | down | 0.00 |
| 1628766_at | CG4984 | 4.58 | down | 0.00 |
| 1632964_at | CG15678 | 4.50 | down | 0.00 |
| 1631125_at | CG15737 | 4.49 | down | 0.00 |
| 1624700_a_a | CG10175 | 4.43 | down | 0.00 |
| 1628439_s_a | --- | 4.43 | down | 0.00 |
| 1627679_at | CG12470 | 4.41 | down | 0.00 |
| 1636268_at | CG10570 /// | 4.41 | down | 0.01 |
| 1639297_at | CG9568 /// 1 | 4.40 | down | 0.00 |
| 1625314_at | CG2022 | 4.38 | down | 0.00 |
| 1626205_s_a | --- | 4.36 | down | 0.00 |
| 1629441_at | Fit2 | 4.33 | down | 0.00 |
| 1626552_at | CG3568 | 4.33 | down | 0.00 |
| 1640758_at | CG32613 | 4.32 | down | 0.00 |
| 1629760_s_a | --- | 4.31 | down | 0.00 |
| 1633329_at | yellow-h | 4.29 | down | 0.00 |
| 1634084_at | CG4213 | 4.26 | down | 0.00 |
| 1638211_at | CG10933 | 4.24 | down | 0.00 |
| 1636104_at | --- | 4.23 | down | 0.00 |
| 1630127_at | --- | 4.22 | down | 0.00 |
| 1635258_s_a | --- | 4.19 | down | 0.00 |
| 1630533_at | CG3221 | 4.18 | down | 0.00 |
| 1638852_at | CHKov2 | 4.17 | down | 0.00 |
| 1630883_at | CG33978 | 4.16 | down | 0.00 |
| 1624720_s_a | CG6043 | 4.14 | down | 0.00 |

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|----------------|-------------|------|------|------|
| 1632978_at | CG32207 | 4.14 | down | 0.00 |
| 1630072_a_a--- | | 4.14 | down | 0.00 |
| 1636564_at | CG14757 | 4.12 | down | 0.00 |
| 1629434_at | CG9380 | 4.11 | down | 0.00 |
| 1633483_a_a | CG14207 | 4.09 | down | 0.00 |
| 1640039_at | CG13681 | 4.08 | down | 0.00 |
| 1640242_s_a--- | | 4.04 | down | 0.01 |
| 1631962_at | MtnD | 4.04 | down | 0.00 |
| 1633164_s_a | CG10625 | 4.04 | down | 0.00 |
| 1637626_at | CG15412 | 4.03 | down | 0.00 |
| 1632870_at | CG32364 | 4.02 | down | 0.00 |
| 1629641_s_a--- | | 4.02 | down | 0.00 |
| 1629443_at | CG12655 | 3.95 | down | 0.00 |
| 1632923_at | CG14661 | 3.94 | down | 0.00 |
| 1630229_at | CG9815 | 3.94 | down | 0.00 |
| 1628315_at | CG17264 | 3.91 | down | 0.00 |
| 1623227_s_a | Hil | 3.90 | down | 0.00 |
| 1634427_at | CG15461 | 3.84 | down | 0.00 |
| 1632465_s_a | CG6424 | 3.84 | down | 0.00 |
| 1635127_at | --- | 3.83 | down | 0.00 |
| 1639443_at | CG13631 | 3.82 | down | 0.00 |
| 1638365_at | CG3244 | 3.79 | down | 0.00 |
| 1634093_at | CG32017 | 3.78 | down | 0.00 |
| 1623831_x_a--- | | 3.72 | down | 0.00 |
| 1632011_at | CG31274 /// | 3.71 | down | 0.00 |
| 1634669_at | CG32333 /// | 3.66 | down | 0.00 |
| 1632226_at | CG1079 | 3.65 | down | 0.00 |
| 1640809_at | CG12105 /// | 3.64 | down | 0.00 |
| 1623014_at | CG18537 | 3.63 | down | 0.00 |
| 1638614_at | CG18273 | 3.63 | down | 0.00 |
| 1637662_at | msta | 3.62 | down | 0.00 |
| 1630452_at | --- | 3.62 | down | 0.00 |
| 1630412_at | CG16873 | 3.60 | down | 0.00 |
| 1629553_at | CG14153 | 3.59 | down | 0.00 |
| 1630316_a_a | CG14814 | 3.59 | down | 0.01 |
| 1630299_at | CG17325 | 3.57 | down | 0.00 |
| 1632295_s_a--- | | 3.57 | down | 0.00 |
| 1634315_a_a | CG32982 | 3.56 | down | 0.00 |
| 1635476_at | CG9752 | 3.56 | down | 0.01 |
| 1623133_a_a | CG10508 | 3.54 | down | 0.00 |
| 1627267_at | MESR3 | 3.52 | down | 0.00 |
| 1637256_at | CG34349 | 3.52 | down | 0.00 |
| 1630582_s_a | CG3967 | 3.50 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1624377_s_a | CG32594 | 3.49 | down | 0.00 |
| 1632258_s_a | CG33201 | 3.48 | down | 0.00 |
| 1630248_at | CG5346 | 3.48 | down | 0.00 |
| 1625780_a_a | CG9812 | 3.45 | down | 0.01 |
| 1638959_at | CG8501 | 3.43 | down | 0.00 |
| 1638563_at | CG6490 | 3.42 | down | 0.00 |
| 1639588_at | CG5073 | 3.41 | down | 0.00 |
| 1633876_at | CG7110 | 3.38 | down | 0.00 |
| 1638370_s_a | CG12701 | 3.37 | down | 0.01 |
| 1626356_s_a | CG15316 /// | 3.36 | down | 0.00 |
| 1627745_s_a | --- | 3.35 | down | 0.00 |
| 1631175_a_a | CG10283 | 3.35 | down | 0.00 |
| 1635893_at | alpha-Est8 | 3.34 | down | 0.02 |
| 1623709_at | CG14854 | 3.33 | down | 0.01 |
| 1640606_x_a | --- | 3.33 | down | 0.00 |
| 1633812_at | CG9080 | 3.33 | down | 0.00 |
| 1627499_at | CG2016 | 3.31 | down | 0.00 |
| 1624892_s_a | CG11892 /// | 3.31 | down | 0.00 |
| 1632525_at | CG9925 | 3.31 | down | 0.06 |
| 1625249_at | ld14 | 3.30 | down | 0.00 |
| 1630343_at | CG3679 | 3.30 | down | 0.03 |
| 1623767_at | CG17839 | 3.29 | down | 0.00 |
| 1631400_at | Cpr66D | 3.29 | down | 0.00 |
| 1640342_at | CG6234 | 3.27 | down | 0.00 |
| 1623254_s_a | CG31531 | 3.26 | down | 0.00 |
| 1624893_at | CG8852 | 3.26 | down | 0.00 |
| 1635581_at | CG8300 | 3.25 | down | 0.00 |
| 1641701_at | CG32169 | 3.25 | down | 0.00 |
| 1625559_a_a | CG30217 | 3.23 | down | 0.00 |
| 1632353_at | CG7884 | 3.23 | down | 0.01 |
| 1630255_at | CG31676 | 3.22 | down | 0.01 |
| 1630163_at | CG32373 | 3.21 | down | 0.00 |
| 1636777_at | CG5968 | 3.20 | down | 0.00 |
| 1623658_at | CG13306 | 3.20 | down | 0.00 |
| 1634877_at | CG15546 | 3.17 | down | 0.00 |
| 1624259_at | CG32040 | 3.16 | down | 0.01 |
| 1633407_at | CG6959 | 3.14 | down | 0.00 |
| 1625511_at | CG34383 | 3.13 | down | 0.00 |
| 1640327_at | CG6023 | 3.13 | down | 0.00 |
| 1623712_at | CG10132 | 3.13 | down | 0.00 |
| 1634339_at | CG32694 | 3.13 | down | 0.00 |
| 1639608_at | CG9576 | 3.11 | down | 0.02 |
| 1640829_at | CG12075 | 3.11 | down | 0.00 |

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|-------------|--------------|-----------|------|
| 1629700_at | --- | 3.10 down | 0.03 |
| 1623094_at | Tsp42Ei | 3.09 down | 0.00 |
| 1630019_s_a | CG12026 | 3.08 down | 0.02 |
| 1630206_at | CS-2 | 3.06 down | 0.00 |
| 1626303_s_a | CG32194 | 3.06 down | 0.00 |
| 1627373_at | Tsp42Eg | 3.05 down | 0.00 |
| 1634591_at | CG11878 | 3.04 down | 0.04 |
| 1636015_s_a | CG32850 | 3.04 down | 0.00 |
| 1628861_at | CG7120 | 3.04 down | 0.00 |
| 1640281_s_a | CG17129 | 3.02 down | 0.00 |
| 1623883_at | CG18661 /// | 3.01 down | 0.00 |
| 1639778_at | CG18304 | 3.00 down | 0.00 |
| 1631834_at | CG31098 | 2.98 down | 0.00 |
| 1635037_at | CG4022 | 2.97 down | 0.00 |
| 1635771_a_a | CG32306 | 2.97 down | 0.00 |
| 1625474_s_a | CG1441 | 2.97 down | 0.01 |
| 1641445_s_a | CG7192 | 2.97 down | 0.00 |
| 1629773_at | CG14518 | 2.96 down | 0.00 |
| 1631543_at | CG17286 /// | 2.94 down | 0.01 |
| 1626130_s_a | --- | 2.94 down | 0.02 |
| 1635782_at | CG32692 | 2.93 down | 0.00 |
| 1623116_at | --- | 2.93 down | 0.02 |
| 1625360_at | CG33458 | 2.92 down | 0.00 |
| 1624945_a_a | CG10910 | 2.92 down | 0.01 |
| 1638405_at | CG9338 /// 1 | 2.91 down | 0.00 |
| 1638477_at | CG13403 | 2.91 down | 0.01 |
| 1623429_at | CG11073 | 2.90 down | 0.00 |
| 1627434_at | CG5741 | 2.90 down | 0.00 |
| 1625877_s_a | CG40084 /// | 2.90 down | 0.00 |
| 1624432_at | Spz3 | 2.87 down | 0.00 |
| 1638280_at | --- | 2.86 down | 0.00 |
| 1632212_at | CG14401 | 2.85 down | 0.00 |
| 1638498_s_a | CG1600 | 2.85 down | 0.00 |
| 1626442_at | CG7224 /// 1 | 2.84 down | 0.03 |
| 1632898_at | CG33978 | 2.82 down | 0.00 |
| 1636643_at | CG6983 | 2.82 down | 0.00 |
| 1641245_a_a | CG40115 | 2.81 down | 0.01 |
| 1627965_s_a | --- | 2.79 down | 0.01 |
| 1632832_at | --- | 2.78 down | 0.00 |
| 1634177_a_a | CG31055 | 2.77 down | 0.00 |
| 1625074_at | CG12486 | 2.77 down | 0.00 |
| 1636382_at | CG17574 | 2.76 down | 0.00 |
| 1626544_at | CG14818 | 2.75 down | 0.00 |

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|----------------|-------------|------|------|------|
| 1636198_at | CG1265 | 2.75 | down | 0.00 |
| 1623349_x_a--- | | 2.74 | down | 0.00 |
| 1624631_x_a--- | | 2.73 | down | 0.00 |
| 1633833_at | CG18213 | 2.72 | down | 0.01 |
| 1628386_at | --- | 2.71 | down | 0.01 |
| 1639592_at | CG3624 | 2.70 | down | 0.00 |
| 1635562_at | --- | 2.68 | down | 0.02 |
| 1627270_at | CG15893 | 2.68 | down | 0.00 |
| 1635135_at | --- | 2.68 | down | 0.01 |
| 1628341_at | --- | 2.65 | down | 0.01 |
| 1630419_a_a | CG7300 | 2.65 | down | 0.02 |
| 1639400_at | CG31207 | 2.63 | down | 0.00 |
| 1635651_at | CG30195 | 2.63 | down | 0.00 |
| 1630870_s_a | sip2 | 2.62 | down | 0.01 |
| 1633611_s_a | CG32043 | 2.62 | down | 0.00 |
| 1625201_s_a | CG17230 | 2.61 | down | 0.00 |
| 1639452_at | CG14984 | 2.61 | down | 0.00 |
| 1638854_s_a | CG17667 /// | 2.61 | down | 0.00 |
| 1636414_at | CG30004 | 2.61 | down | 0.00 |
| 1624889_a_a | l(2)k16918 | 2.61 | down | 0.00 |
| 1635573_at | CG12488 | 2.61 | down | 0.00 |
| 1623080_at | CG18410 | 2.59 | down | 0.00 |
| 1630468_at | CG15247 | 2.59 | down | 0.01 |
| 1637001_at | --- | 2.59 | down | 0.00 |
| 1634406_at | CG32982 | 2.57 | down | 0.00 |
| 1636245_at | T48 | 2.57 | down | 0.00 |
| 1627984_at | CG13917 /// | 2.57 | down | 0.00 |
| 1634855_s_a | CG9813 | 2.56 | down | 0.00 |
| 1638543_at | CG33775 | 2.55 | down | 0.01 |
| 1638519_at | CG32599 | 2.55 | down | 0.01 |
| 1638184_at | CG13936 | 2.54 | down | 0.01 |
| 1633333_a_a | CG7231 | 2.54 | down | 0.00 |
| 1626392_s_a | --- | 2.54 | down | 0.00 |
| 1641084_at | CG13897 | 2.53 | down | 0.00 |
| 1625810_s_a | CG13937 | 2.52 | down | 0.00 |
| 1639906_a_a | CG7759 | 2.52 | down | 0.00 |
| 1639917_at | CG32541 /// | 2.52 | down | 0.00 |
| 1639731_at | CG7785 | 2.52 | down | 0.00 |
| 1630201_a_a | CG11321 | 2.51 | down | 0.00 |
| 1632664_at | Osi12 | 2.51 | down | 0.03 |
| 1634376_at | CG15307 | 2.50 | down | 0.00 |
| 1630702_at | CG14590 | 2.49 | down | 0.00 |
| 1638198_at | CG12768 | 2.48 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1633126_at | CG4596 | 2.48 | down | 0.02 |
| 1627841_at | CG11170 | 2.47 | down | 0.00 |
| 1632953_at | CG13250 | 2.45 | down | 0.00 |
| 1637352_a_a | CG18812 | 2.45 | down | 0.00 |
| 1638554_at | CG4115 | 2.45 | down | 0.00 |
| 1630380_at | CG3837 | 2.44 | down | 0.00 |
| 1638086_at | CG3746 | 2.44 | down | 0.00 |
| 1638724_at | CG18507 | 2.44 | down | 0.00 |
| 1631617_at | CG13742 | 2.43 | down | 0.00 |
| 1626341_at | CG14122 | 2.43 | down | 0.00 |
| 1633553_s_a | SP1173 | 2.41 | down | 0.00 |
| 1635696_s_a | --- | 2.41 | down | 0.02 |
| 1623199_a_a | CG32352 | 2.40 | down | 0.00 |
| 1627843_at | CG12253 /// | 2.39 | down | 0.00 |
| 1629458_at | CG9411 | 2.39 | down | 0.00 |
| 1641042_at | CG16820 | 2.39 | down | 0.00 |
| 1625642_at | CG11509 | 2.39 | down | 0.02 |
| 1625791_s_a | --- | 2.37 | down | 0.01 |
| 1628314_a_a | CG6891 | 2.36 | down | 0.07 |
| 1633313_at | --- | 2.36 | down | 0.00 |
| 1633157_a_a | igl | 2.36 | down | 0.01 |
| 1628469_a_a | CG32529 | 2.35 | down | 0.00 |
| 1639309_at | CG12333 | 2.35 | down | 0.00 |
| 1634218_at | CG17270 | 2.34 | down | 0.00 |
| 1625891_at | CG17111 | 2.34 | down | 0.00 |
| 1626547_at | --- | 2.33 | down | 0.00 |
| 1628768_at | CG4676 | 2.33 | down | 0.02 |
| 1632372_at | CG31076 | 2.33 | down | 0.01 |
| 1634684_at | CG7272 | 2.33 | down | 0.00 |
| 1625291_s_a | CG18766 | 2.33 | down | 0.00 |
| 1633558_s_a | CG14997 | 2.32 | down | 0.01 |
| 1629398_at | CG10383 | 2.32 | down | 0.00 |
| 1624543_s_a | --- | 2.31 | down | 0.01 |
| 1640458_at | CG11211 | 2.31 | down | 0.03 |
| 1625420_at | --- | 2.30 | down | 0.02 |
| 1635336_at | comm2 | 2.29 | down | 0.00 |
| 1629278_at | --- | 2.29 | down | 0.01 |
| 1637811_s_a | CG5273 | 2.28 | down | 0.01 |
| 1634625_at | Dnz1 | 2.27 | down | 0.00 |
| 1637496_at | CG30219 | 2.27 | down | 0.00 |
| 1627319_at | CG14430 | 2.27 | down | 0.00 |
| 1640963_at | CG5541 | 2.26 | down | 0.00 |
| 1627054_at | osp | 2.26 | down | 0.00 |

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|-------------|-------------|------|------|------|
| 1637605_s_a | CG1146 | 2.26 | down | 0.02 |
| 1625349_at | beat-IIIc | 2.26 | down | 0.03 |
| 1630585_s_a | --- | 2.25 | down | 0.00 |
| 1637562_at | GCR(ich) | 2.25 | down | 0.02 |
| 1638147_at | CG7772 | 2.25 | down | 0.00 |
| 1639669_at | CG5866 | 2.25 | down | 0.00 |
| 1638523_at | CG32633 | 2.24 | down | 0.01 |
| 1633232_at | CG18358 | 2.23 | down | 0.00 |
| 1630345_at | CG32170 /// | 2.23 | down | 0.01 |
| 1626453_x_a | --- | 2.23 | down | 0.00 |
| 1630570_at | CG13003 | 2.22 | down | 0.00 |
| 1630184_at | CG40115 | 2.22 | down | 0.04 |
| 1639577_at | --- | 2.21 | down | 0.03 |
| 1633681_at | CG2519 | 2.21 | down | 0.00 |
| 1627816_a_a | CG32264 | 2.20 | down | 0.01 |
| 1624158_at | CG14481 | 2.20 | down | 0.00 |
| 1626371_at | CG8507 | 2.20 | down | 0.00 |
| 1624322_at | Rh50 | 2.20 | down | 0.00 |
| 1626812_at | CG14132 | 2.20 | down | 0.00 |
| 1625304_s_a | --- | 2.19 | down | 0.03 |
| 1630555_at | CG33346 | 2.19 | down | 0.01 |
| 1626363_at | --- | 2.19 | down | 0.02 |
| 1641039_at | CG1397 | 2.19 | down | 0.00 |
| 1636717_at | CG6005 | 2.18 | down | 0.00 |
| 1635961_at | CG33472 | 2.18 | down | 0.00 |
| 1638313_at | CG8321 | 2.18 | down | 0.00 |
| 1638231_at | CG4393 | 2.18 | down | 0.00 |
| 1628321_at | CG4788 | 2.17 | down | 0.00 |
| 1627173_at | CG33224 /// | 2.17 | down | 0.07 |
| 1637830_s_a | CG31145 | 2.16 | down | 0.00 |
| 1633985_at | --- | 2.16 | down | 0.00 |
| 1634288_at | --- | 2.16 | down | 0.01 |
| 1623342_at | CG8369 | 2.16 | down | 0.00 |
| 1623179_at | CG15415 | 2.15 | down | 0.00 |
| 1627936_s_a | --- | 2.15 | down | 0.02 |
| 1635829_s_a | --- | 2.15 | down | 0.01 |
| 1637625_s_a | CG32813 | 2.15 | down | 0.00 |
| 1627744_at | CG15209 | 2.15 | down | 0.08 |
| 1630985_at | CG30441 | 2.14 | down | 0.02 |
| 1625214_at | Jupiter | 2.14 | down | 0.00 |
| 1641464_s_a | CG32850 | 2.14 | down | 0.01 |
| 1640598_s_a | --- | 2.14 | down | 0.02 |
| 1632232_at | --- | 2.14 | down | 0.02 |

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|-------------|--------------|------|------|------|
| 1640760_at | CG17838 | 2.13 | down | 0.06 |
| 1630893_at | CG7639 | 2.12 | down | 0.00 |
| 1630439_at | --- | 2.12 | down | 0.00 |
| 1636247_at | CG32354 | 2.12 | down | 0.00 |
| 1636152_a_a | CG11138 | 2.11 | down | 0.02 |
| 1635918_at | CG34401 | 2.10 | down | 0.01 |
| 1625922_a_a | CG10508 | 2.10 | down | 0.00 |
| 1640300_at | CG33144 | 2.09 | down | 0.00 |
| 1638366_at | --- | 2.09 | down | 0.01 |
| 1639166_at | CG10677 | 2.09 | down | 0.00 |
| 1639473_at | CG12541 | 2.09 | down | 0.00 |
| 1640172_at | --- | 2.09 | down | 0.02 |
| 1624982_s_a | CG5080 | 2.09 | down | 0.00 |
| 1635635_a_a | Msr-110 | 2.08 | down | 0.00 |
| 1635800_at | CG5431 | 2.08 | down | 0.01 |
| 1629887_at | CG8180 | 2.08 | down | 0.04 |
| 1635936_at | CG13822 | 2.08 | down | 0.00 |
| 1636547_at | --- | 2.08 | down | 0.00 |
| 1628759_a_a | CG14073 | 2.07 | down | 0.00 |
| 1631344_at | msb11 | 2.07 | down | 0.07 |
| 1630705_at | CG4511 | 2.07 | down | 0.01 |
| 1630823_at | CG32210 /// | 2.07 | down | 0.00 |
| 1637594_at | CG15364 | 2.07 | down | 0.00 |
| 1630003_at | CG12825 | 2.07 | down | 0.00 |
| 1626769_s_a | CG1553 | 2.07 | down | 0.02 |
| 1624706_at | CG34349 | 2.07 | down | 0.04 |
| 1636882_s_a | --- | 2.07 | down | 0.03 |
| 1641132_at | --- | 2.07 | down | 0.00 |
| 1629897_a_a | CG6044 | 2.06 | down | 0.00 |
| 1624097_s_a | wge | 2.05 | down | 0.01 |
| 1626966_s_a | --- | 2.05 | down | 0.05 |
| 1628912_at | CG12672 | 2.05 | down | 0.00 |
| 1636759_at | CG8303 | 2.04 | down | 0.02 |
| 1639203_at | CG32556 | 2.04 | down | 0.00 |
| 1635343_a_a | CkIIalpha-i3 | 2.03 | down | 0.00 |
| 1623753_at | TepIII | 2.03 | down | 0.00 |
| 1626694_at | CG1674 | 2.03 | down | 0.00 |
| 1632902_s_a | --- | 2.02 | down | 0.04 |
| 1630711_at | CG11175 | 2.02 | down | 0.01 |
| 1626622_at | CG10750 | 2.02 | down | 0.01 |
| 1639676_at | CG15173 | 2.02 | down | 0.00 |
| 1626323_s_a | CG17255 | 2.02 | down | 0.01 |
| 1632554_at | CG9839 | 2.01 | down | 0.00 |

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|----------------|---------|------|------|------|
| 1624807_at | CG5629 | 2.01 | down | 0.00 |
| 1632124_at | CG32345 | 2.01 | down | 0.00 |
| 1624924_at | CG31182 | 2.01 | down | 0.01 |
| 1638620_x_a--- | | 2.01 | down | 0.01 |
| 1632875_at | Grip71 | 2.01 | down | 0.03 |
| 1635379_at | CG31300 | 2.00 | down | 0.01 |
| 1634601_at | CG9684 | 2.00 | down | 0.00 |