

Table 10. Differentially expressed mGEP transcripts that are changed only after Kx1 infection and only in mGEPs (not npGECs). (Kx1-specific and progenitor-specific mGEP transcripts)

| Upregulated transcripts | | | |
|-------------------------|---------|---|--|
| Affymetrix probe set ID | Gene ID | Gene description | Fold change compared to uninfected mGEPs |
| 1420515_a_at | 57757 | peptidoglycan recognition protein 2 | 81.0 |
| 1441150_x_at | | Transcribed locus | 43.2 |
| 1421682_a_at | 21647 | t-complex-associated testis expressed 3 | 37.1 |
| 1423172_at | 17957 | N-ethylmaleimide sensitive fusion protein attachment protein beta | 29.8 |
| 1450582_at | 15016 | histocompatibility 2, Q region locus 5 | 29.6 |
| 1440207_at | 99010 | expressed sequence AI505034 | 29.5 |
| 1453851_a_at | 23882 | growth arrest and DNA-damage-inducible 45 gamma | 29.0 |
| 1417813_at | 56489 | inhibitor of kappaB kinase epsilon | 28.6 |
| 1420057_at | 107817 | Phosphatidylserine receptor | 22.8 |
| 1419241_a_at | 11634 | autoimmune regulator (autoimmune polyendocrinopathy candidiasis ectodermal dystrophy) | 19.2 |
| 1427410_at | 328425 | deleted in lymphocytic leukemia, 2 | 18.9 |
| 1452418_at | 319202 | RIKEN cDNA 1200016E24 gene | 17.9 |
| 1457135_at | 245827 | fat tumor suppressor homolog 2 (Drosophila) | 17.7 |
| 1434774_at | 217344 | rhomboid, veinlet-like 6 (Drosophila) | 15.6 |
| 1434582_at | 238988 | DNA segment, Chr 14, ERATO Doi 171, expressed | 15.3 |
| 1420958_at | | | 15.0 |
| 1432466_a_at | 11816 | apolipoprotein E | 14.1 |
| 1450430_at | 17533 | mannose receptor, C type 1 | 11.9 |
| 1424959_at | 69787 | annexin A13 | 11.1 |
| 1448026_at | 320790 | Chromodomain helicase DNA binding protein 7 | 11.0 |
| 1417812_a_at | 16780 | laminin, beta 3 | 10.3 |
| 1455965_at | | | 10.1 |
| 1416920_at | 19653 | RNA binding motif protein 4 | 8.3 |
| 1428306_at | 74747 | DNA-damage-inducible transcript 4 | 8.2 |
| 1424490_at | 232969 | RIKEN cDNA 2410005H09 gene | 8.2 |
| 1440143_at | 239827 | RIKEN cDNA F630022B06 gene | 8.2 |
| 1452684_at | 67605 | AKT1 substrate 1 (proline-rich) | 8.2 |
| 1438148_at | 330122 | gene model 1960, (NCBI) | 8.1 |
| 1452198_at | 30841 | F-box and leucine-rich repeat protein 10 | 7.8 |
| 1419682_a_at | 381406 | TP53 regulating kinase /// similar to mNori-2p | 7.4 |
| | 76367 | | |
| 1420450_at | 17384 | matrix metalloproteinase 10 | 7.2 |
| 1418465_at | 17972 | neutrophil cytosolic factor 4 | 6.9 |
| 1452595_at | 240913 | a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 4 | 6.7 |
| 1449473_s_at | 21939 | tumor necrosis factor receptor superfamily, member 5 | 6.6 |
| 1431965_at | 71067 | RIKEN cDNA 4933411E08 gene | 6.6 |
| 1422705_at | 65112 | transmembrane, prostate androgen induced RNA | 6.3 |
| 1449396_at | 11754 | amine oxidase, copper containing 3 | 6.3 |
| 1441935_at | 68558 | ankyrin repeat, family A (RFXANK-like), 2 | 6.2 |
| 1429726_at | 66859 | solute carrier family 16 (monocarboxylic acid transporters), member 9 | 6.1 |
| 1455666_at | 218314 | RIKEN cDNA A230042K10 gene | 6.0 |
| 1425681_a_at | 26434 | prion protein dublet | 6.0 |
| 1444086_at | 210356 | RIKEN cDNA E030049G20 gene | 6.0 |
| 1447494_at | 52819 | DNA segment, Chr 7, Brigham & Women's Genetics 0826 expressed | 5.9 |
| 1427987_at | 224902 | scaffold attachment factor B2 | 5.9 |
| 1421267_a_at | 17684 | Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 | 5.9 |
| 1424382_at | 52377 | reticulocalbin 3, EF-hand calcium binding domain | 5.8 |
| 1453721_a_at | 20530 | solute carrier family 31, member 2 | 5.8 |
| 1422838_at | 16532 | potassium large conductance pH-sensitive channel, subfamily M, alpha member 3 | 5.7 |
| 1425614_x_at | 14964 | histocompatibility 2, D region locus 1 | 5.7 |
| 1426990_at | 65969 | cubilin (intrinsic factor-cobalamin receptor) | 5.6 |
| 1427047_at | 227699 | nucleoporin 188 | 5.6 |
| 1429445_at | 70894 | RIKEN cDNA 4921510J17 gene | 5.6 |
| 1417713_at | 67204 | eukaryotic translation initiation factor 2, subunit 2 (beta) | 5.6 |
| 1422035_at | 20707 | serine (or cysteine) proteinase inhibitor, clade B, member 9c | 5.5 |
| 1428492_at | 384009 | GLI pathogenesis-related 2 | 5.4 |
| 1419450_at | 66612 | ORM1-like 3 (S. cerevisiae) | 5.3 |
| 1419399_at | 17777 | microsomal triglyceride transfer protein | 5.2 |
| 1421446_at | 18752 | protein kinase C, gamma | 5.2 |
| 1427957_at | 109254 | RIKEN cDNA 9530008L14 gene | 5.1 |
| 1457268_at | 208266 | DOT1-like, histone H3 methyltransferase (S. cerevisiae) | 5.1 |
| 1423389_at | 17131 | MAD homolog 7 (Drosophila) | 5.0 |
| 1434830_at | 17119 | Max dimerization protein | 5.0 |
| 1443951_at | 320496 | RIKEN cDNA C230076A16 gene | 5.0 |
| 1416401_at | 12521 | kangai 1 (suppression of tumorigenicity 6, prostate) | 5.0 |
| 1449891_a_at | 73379 | discoidin, CUB and LCCL domain containing 2 | 4.9 |
| 1418808_at | 19682 | retinol dehydrogenase 5 | 4.8 |

| | | |
|--------------|--|-----|
| 1427691_a_at | 15976 interferon (alpha and beta) receptor 2 | 4.8 |
| 1435499_at | 270035 RIKEN cDNA D030041N04 gene | 4.8 |
| 1450922_a_at | 21808 transforming growth factor, beta 2 | 4.7 |
| 1430762_at | 235345 RIKEN cDNA 4833427G06 gene | 4.7 |
| 1427079_at | 100732 microtubule-associated protein, RP/EB family, member 3 | 4.7 |
| 1455765_a_at | 20927 ATP-binding cassette, sub-family C (CFTR/MRP), member 8 | 4.6 |
| 1450100_a_at | 56070 transcription elongation regulator 1 (CA150) | 4.5 |
| 1422945_a_at | 16574 kinesin family member 5C | 4.5 |
| 1440686_at | 213171 protease, serine 27 | 4.5 |
| 1420772_a_at | 14605 TSC22 domain family 3 | 4.4 |
| 1454928_at | 224903 scaffold attachment factor B | 4.4 |
| 1417393_a_at | 67389 RIKEN cDNA 1110035L05 gene | 4.4 |
| 1459920_at | Transcribed locus | 4.4 |
| 1433523_at | 231858 RIKEN cDNA D930005D10 gene | 4.4 |
| 1436074_at | 243910 cDNA sequence AY078069 | 4.4 |
| 1416600_a_at | 54720 Down syndrome critical region homolog 1 (human) | 4.4 |
| 1425019_at | 217379 UBX domain containing 4 | 4.4 |
| 1425047_a_at | 70873 RIKEN cDNA 4921517L17 gene | 4.3 |
| 1453345_at | 70701 RIKEN cDNA 3830408G10 gene | 4.3 |
| 1423944_at | 15458 hemopexin | 4.3 |
| 1421365_at | 14313 follistatin | 4.2 |
| 1447802_x_at | | 4.2 |
| 1459681_at | Transcribed locus | 4.2 |
| 1448562_at | 22271 uridine phosphorylase 1 | 4.1 |
| 1428468_at | 73205 RIKEN cDNA 3110043O21 gene | 4.1 |
| 1417707_at | 100637 RIKEN cDNA B230342M21 gene | 4.1 |
| 1426519_at | 18451 procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide | 4.0 |
| 1424148_a_at | 106766 expressed sequence AW049765 | 4.0 |
| 1418863_at | 14463 GATA binding protein 4 | 4.0 |
| 1427385_s_at | 109711 actinin, alpha 1 | 3.9 |
| 1416831_at | 18010 neuraminidase 1 | 3.9 |
| 1449946_a_at | 68040 RIKEN cDNA 3110024A21 gene | 3.8 |
| 1426681_at | 217331 zinc finger CCCH type containing 5 | 3.8 |
| 1460562_at | 101592 elongation factor Tu GTP binding domain containing 1 | 3.8 |
| 1418102_at | 15205 hairy and enhancer of split 1 (Drosophila) | 3.8 |
| 1425507_at | 76688 ADP-ribosylation factor related protein 1 | 3.8 |
| 1431646_a_at | 58244 syntaxin 6 | 3.8 |
| 1422803_at | 83554 follistatin-like 3 | 3.7 |
| 1425336_x_at | 14972 histocompatibility 2, K1, K region | 3.7 |
| 1448806_at | | 3.7 |
| 1439488_at | Transcribed locus | 3.7 |
| 1421712_at | 20339 selectin, endothelial cell | 3.7 |
| 1422027_a_at | 23871 E26 avian leukemia oncogene 1, 5' domain | 3.7 |
| 1431082_a_at | 67657 RAB, member of RAS oncogene family-like 3 | 3.7 |
| 1455187_at | 230848 zinc finger and BTB domain containing 40 | 3.6 |
| 1415798_at | 12305 discoidin domain receptor family, member 1 | 3.6 |
| 1450838_x_at | 383438 /// ribosomal protein L37 /// similar to ribosomal protein L37 | 3.6 |
| 1455491_at | 67281 | |
| 1459343_at | 432467 similar to heterogeneous nuclear ribonucleoprotein H3 isoform a | 3.6 |
| 1419761_a_at | 217026 RIKEN cDNA 2700008B19 gene | 3.6 |
| 1422218_at | 14391 GA repeat binding protein, beta 1 | 3.6 |
| 1428682_at | 18439 purinergic receptor P2X, ligand-gated ion channel, 7 | 3.5 |
| 1418861_at | 78751 zinc finger CCCH type containing 6 | 3.5 |
| 1448050_s_at | 59004 protein inhibitor of activated STAT, 4 | 3.5 |
| 1439073_at | 26921 mitogen-activated protein kinase kinase kinase kinase 4 | 3.5 |
| 1422473_at | 224585 Zinc finger protein 160 | 3.5 |
| 1452521_a_at | 18578 phosphodiesterase 4B, cAMP specific | 3.5 |
| 1425296_a_at | 18793 urokinase plasminogen activator receptor | 3.5 |
| 1421679_a_at | 50780 regulator of G-protein signaling 3 | 3.4 |
| 1423117_at | 12575 cyclin-dependent kinase inhibitor 1A (P21) | 3.4 |
| 1429052_at | 80912 pumilio 1 (Drosophila) | 3.4 |
| 1437969_s_at | 19266 protein tyrosine phosphatase, receptor type, D | 3.3 |
| 1422599_s_at | 68327 RIKEN cDNA 0610007P22 gene | 3.3 |
| 1423686_a_at | 20841 zinc finger protein 143 | 3.3 |
| 1424818_at | 66151 RIKEN cDNA 1110020C13 gene | 3.3 |
| 1417225_at | 223774 asparagine-linked glycosylation 12 homolog (yeast, alpha-1,6-mannosyltransferase) | 3.3 |
| 1416290_a_at | 65106 ADP-ribosylation factor-like 6 interacting protein 5 | 3.3 |
| 1435852_at | 23996 proteasome (prosome, macropain) 26S subunit, ATPase, 4 | 3.2 |
| 1439538_at | 101809 sprouty-related, EVH1 domain containing 3 | 3.2 |
| 1428572_at | 67433 RIKEN cDNA 0610011N22 gene | 3.2 |
| 1449338_at | 70350 brain abundant, membrane attached signal protein 1 | 3.2 |
| 1417389_at | 52717 DNA segment, Chr 10, ERATO Doi 641, expressed | 3.2 |
| | 14733 glypican 1 | 3.2 |

| | | |
|--------------|--|-----|
| 1417500_a_at | 21817 transglutaminase 2, C polypeptide | 3.2 |
| 1430776_s_at | 70615 ankyrin repeat domain 24 | 3.2 |
| 1450113_at | | 3.2 |
| 1450534_x_at | 56628 MHC (A.CAJJ(H-2K-f) class I antigen | 3.2 |
| 1429070_at | 71254 RIKEN cDNA 4933440H19 gene | 3.2 |
| 1436524_at | 107243 RIKEN cDNA 4833438C02 gene | 3.2 |
| 1434364_at | 53859 mitogen-activated protein kinase kinase 14 | 3.2 |
| 1416487_a_at | 22601 yes-associated protein 1 | 3.2 |
| 1423446_at | 13144 death-associated kinase 3 | 3.1 |
| 1423549_at | 55963 solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 | 3.1 |
| 1417329_at | 54338 solute carrier family 23 (nucleobase transporters), member 2 | 3.1 |
| 1455096_at | | 3.1 |
| 1417034_at | 67091 trafficking protein particle complex 6A | 3.1 |
| 1423085_at | 13643 ephrin B3 | 3.1 |
| 1458718_at | 243025 Gene model 446, (NCBI) | 3.1 |
| 1423970_at | 73666 THO complex 3 | 3.1 |
| 1451123_at | 212706 RIKEN cDNA C330016O10 gene | 3.1 |
| 1443072_at | 171395 Polycystic kidney disease 1 like 1 | 3.1 |
| 1424380_at | 330192 cDNA sequence BC026744 | 3.0 |
| 1418453_a_at | 11931 ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide | 3.0 |
| 1416994_at | 66827 tetratricopeptide repeat domain 1 | 3.0 |
| 1431561_a_at | 71723 DEAH (Asp-Glu-Ala-His) box polypeptide 34 | 3.0 |
| 1427955_a_at | 26901 differentially expressed in B16F10 1 | 3.0 |
| 1428226_at | 68966 RIKEN cDNA 1500001L15 gene | 3.0 |
| 1416409_at | 11430 acyl-Coenzyme A oxidase 1, palmitoyl | 3.0 |
| 1424150_at | 233552 glycerophosphodiester phosphodiesterase domain containing 5 | 3.0 |
| 1429463_at | 108079 protein kinase, AMP-activated, alpha 2 catalytic subunit | 3.0 |
| 1420975_at | 22385 bromodomain adjacent to zinc finger domain, 1B | 2.9 |
| 1449800_x_at | 71838 PHD finger protein 7 | 2.9 |
| 1448417_at | 18081 ninjurin 1 | 2.9 |
| 1439780_at | 66229 ribosomal protein L7-like 1 | 2.9 |
| 1416991_at | 68291 mitochondrial translation optimization 1 homolog (S. cerevisiae) | 2.9 |
| 1442918_at | 260315 neuron navigator 3 | 2.9 |
| 1418174_at | 13170 D site albumin promoter binding protein | 2.8 |
| 1419087_s_at | 67465 splicing factor 3a, subunit 1 | 2.8 |
| 1416615_at | 53895 caseinolytic protease, ATP-dependent, proteolytic subunit homolog (E. coli) | 2.8 |
| 1434726_at | 106757 RIKEN cDNA 4933402B14 gene | 2.8 |
| 1431885_a_at | 71711 MUS81 endonuclease homolog (yeast) | 2.8 |
| 1435280_at | 105178 expressed sequence AI452195 | 2.8 |
| 1425810_a_at | 13007 cysteine and glycine-rich protein 1 | 2.8 |
| 1427672_a_at | 22289 ubiquitously transcribed tetratricopeptide repeat gene, X chromosome | 2.8 |
| 1416186_at | 52830 proline-rich nuclear receptor coactivator 2 | 2.8 |
| 1428557_a_at | 72085 O-sialoglycoprotein endopeptidase-like 1 | 2.8 |
| 1427009_at | 16776 laminin, alpha 5 | 2.8 |
| 1426898_at | 66513 mitogen-activated protein kinase kinase kinase 7 interacting protein 1 | 2.7 |
| 1436559_a_at | 53380 proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 | 2.7 |
| 1454771_at | | 2.7 |
| 1450798_at | 81877 tenascin XB | 2.7 |
| 1451095_at | 27053 asparagine synthetase | 2.6 |
| 1448271_a_at | 56200 DEAD (Asp-Glu-Ala-Asp) box polypeptide 21 | 2.6 |
| 1417240_at | 22793 zyxin | 2.6 |
| 1428675_at | 66193 RIKEN cDNA 1110049F12 gene | 2.6 |
| 1419046_at | 59053 brain protein 16 | 2.6 |
| 1438062_at | 320612 RIKEN cDNA 4832420A03 gene | 2.6 |
| 1449832_at | 73553 RIKEN cDNA 1700091H14 gene | 2.6 |
| 1454045_a_at | 260345 /// RIKEN cDNA 4933424M23 gene /// silencer-associated factor (Saf) pseudogene | 2.6 |
| | 74451 | |
| 1423122_at | 69534 arginine vasopressin-induced 1 | 2.6 |
| 1416038_at | 56463 expressed sequence AL033314 | 2.6 |
| 1433980_at | 81601 HIV-1 tat interactive protein, homolog (human) | 2.6 |
| 1423708_a_at | 23874 phenylalanine-tRNA synthetase-like, beta subunit | 2.6 |
| 1426653_at | 17215 minichromosome maintenance deficient 3 (S. cerevisiae) | 2.6 |
| 1424250_a_at | 71704 Rho guanine nucleotide exchange factor (GEF) 3 | 2.5 |
| 1421378_s_at | 17250 ATP-binding cassette, sub-family C (CFTR/MRP), member 1 | 2.5 |
| 1424309_a_at | 17434 molybdenum cofactor synthesis 2 | 2.5 |
| 1417392_a_at | 20540 solute carrier family 7 (cationic amino acid transporter, y ⁺ system), member 7 | 2.5 |
| 1428143_a_at | 66853 patatin-like phospholipase domain containing 2 | 2.5 |
| 1434873_a_at | 216859 centaurin, beta 1 | 2.5 |
| 1415807_s_at | 20382 splicing factor, arginine/serine-rich 2 (SC-35) | 2.5 |
| 1416104_at | 24070 mannose-P-dolichol utilization defect 1 | 2.5 |
| 1423991_at | 75416 RIKEN cDNA 2610033H07 gene | 2.5 |
| 1434100_x_at | Transcribed locus | 2.5 |
| 1433609_s_at | 20931 surfeit gene 2 | 2.5 |
| 1426474_at | 246782 ATP synthase mitochondrial F1 complex assembly factor 2 | 2.4 |

| | | |
|--------------|---|-----|
| 1421151_a_at | 13836 Eph receptor A2 | 2.4 |
| 1455887_at | 381903 asparagine-linked glycosylation 8 homolog (yeast, alpha-1,3-glucosyltransferase) | 2.4 |
| 1416148_at | 114128 lysosomal-associated protein transmembrane 4B | 2.3 |
| 1415971_at | 17118 myristoylated alanine rich protein kinase C substrate | 2.3 |
| 1434931_at | 18007 neogenin | 2.3 |
| 1452207_at | | 2.3 |
| 1428138_s_at | 67166 ADP-ribosylation factor-like 10C | 2.2 |

Downregulated transcripts

| Affymetrix probe set ID | Gene ID | Gene description | Fold change compared to uninfected mGEPs |
|-------------------------|---------|--|--|
| 1428083_at | 66961 | RIKEN cDNA 2310043N10 gene | -11.5 |
| 1436761_s_at | 71721 | RIKEN cDNA 1200015N20 gene | -10.9 |
| 1423894_a_at | 67789 | DALR anticodon binding domain containing 3 | -8.2 |
| 1455878_at | 70036 | RIKEN cDNA 2700023E23 gene | -7.9 |
| 1429739_a_at | 56218 | zinc finger protein 278 | -7.4 |
| 1419115_at | 66789 | RIKEN cDNA 5430428G01 gene | -7.3 |
| 1424515_at | 320063 | RIKEN cDNA B230354K17 gene | -7.2 |
| 1428447_at | 75712 | transmembrane protein 14A | -7.2 |
| 1418595_at | 57435 | plasma membrane associated protein, S3-12 | -7.1 |
| 1423667_at | 232087 | methionine adenosyltransferase II, alpha | -7.0 |
| 1426350_at | 217664 | mannoside acetylglucosaminyltransferase 2 | -6.1 |
| 1423672_at | 72421 | RIKEN cDNA 2510042P03 gene | -6.0 |
| 1415913_at | 68052 | ribosomal protein S13 | -5.8 |
| 1435612_at | 330908 | opioid binding protein/cell adhesion molecule-like | -5.7 |
| 1430978_at | 75617 | ribosomal protein S25 | -5.2 |
| 1424544_at | 223649 | nuclear receptor binding protein 2 | -5.2 |
| 1416499_a_at | 22428 | dynactin 6 | -5.0 |
| 1426558_x_at | 66376 | RIKEN cDNA 3100002L24 gene | -5.0 |
| 1427020_at | 219151 | scavenger receptor class A, member 3 | -5.0 |
| 1417214_at | 80718 | RAB27b, member RAS oncogene family | -4.8 |
| 1436959_x_at | 56876 | nasal embryonic LHRH factor | -4.8 |
| 1428113_at | 70551 | RIKEN cDNA 4930403J22 gene | -4.7 |
| 1449303_at | 75747 | sestrin 3 | -4.7 |
| 1416838_at | 17850 | methylmalonyl-Coenzyme A mutase | -4.6 |
| 1434013_at | 319713 | actin binding LIM protein family, member 3 | -4.6 |
| 1437471_at | 217366 | leucine rich repeat containing 45 | -4.5 |
| 1436756_x_at | 15107 | L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain | -4.3 |
| 1428256_at | 69672 | RIKEN cDNA 2310047H23 gene | -4.3 |
| 1418501_a_at | 170719 | oxidation resistance 1 | -4.3 |
| 1438542_at | | | -4.3 |
| 1431183_at | 73467 | RIKEN cDNA 1700066M21 gene | -4.3 |
| 1434987_at | 11669 | aldehyde dehydrogenase 2, mitochondrial | -4.1 |
| 1421340_at | 26408 | mitogen activated protein kinase kinase kinase 5 | -4.1 |
| 1443099_at | 432940 | Similar to LOC90268 protein | -4.1 |
| 1416817_at | 59125 | NIMA (never in mitosis gene a)-related expressed kinase 7 | -4.0 |
| 1416166_a_at | 53381 | peroxiredoxin 4 | -4.0 |
| 1452968_at | 68588 | collagen triple helix repeat containing 1 | -4.0 |
| 1416375_at | 544716 | /// adaptor-related protein complex 3, mu 1 subunit /// similar to clathrin adaptor protein mu3A | -3.9 |
| | 55946 | | |
| 1422752_at | 67005 | polymerase (RNA) III (DNA directed) polypeptide K | -3.9 |
| 1415733_a_at | 68512 | RIKEN cDNA 1110019J04 gene | -3.9 |
| 1420641_a_at | 59010 | sulfide quinone reductase-like (yeast) | -3.9 |
| 1433655_at | | | -3.9 |
| 1451573_a_at | 20909 | syntaxin 4A (placental) | -3.8 |
| 1440559_at | 15365 | high mobility group AT-hook 2, pseudogene 1 | -3.8 |
| 1424696_at | 67549 | G protein-coupled receptor 89 | -3.8 |
| 1435413_x_at | 545536 | /// RIKEN cDNA 2700060E02 gene /// similar to RIKEN cDNA 2700060E02 | -3.8 |
| | 68045 | | |
| 1433626_at | 235527 | phospholipid scramblase 4 | -3.8 |
| 1416158_at | 11819 | nuclear receptor subfamily 2, group F, member 2 | -3.7 |
| 1447483_s_at | 72091 | RIKEN cDNA 2610002F03 gene | -3.7 |
| 1423121_at | 15925 | insulin degrading enzyme | -3.7 |
| 1460603_at | 209086 | sterile alpha motif domain containing 9-like | -3.6 |
| 1424786_s_at | 54636 | WD repeat domain 45 | -3.5 |
| 1437829_s_at | 13631 | eukaryotic elongation factor-2 kinase | -3.5 |
| 1426269_at | 20955 | synaptobrevin like 1 | -3.5 |
| 1435617_at | 106606 | expressed sequence AI480743 | -3.5 |
| 1434312_at | 104877 | expressed sequence AI788669 | -3.5 |
| 1423864_at | 192292 | nuclear receptor binding protein | -3.5 |
| 1417985_at | 67122 | Notch-regulated ankyrin repeat protein | -3.4 |
| 1416759_at | 171580 | microtubule associated monooxygenase, calponin and LIM domain containing 1 | -3.4 |

| | | |
|--------------|---|------|
| 1421935_at | 67427 ribosomal protein S20 | -3.3 |
| 1423151_at | 67838 DnaJ (Hsp40) homolog, subfamily B, member 11 | -3.3 |
| 1438429_at | 72505 RIKEN cDNA 2610319H10 gene | -3.3 |
| 1428718_at | 69938 secernin 1 | -3.3 |
| 1457588_at | 97124 expressed sequence C76213 | -3.3 |
| 1429063_s_at | 16558 kinesin family member 16B | -3.3 |
| 1442540_at | 96961 expressed sequence C77609 | -3.3 |
| 1448919_at | 66205 CD302 antigen | -3.3 |
| 1449348_at | 56524 membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) | -3.3 |
| 1423218_a_at | 18120 mitochondrial ribosomal protein L49 | -3.3 |
| 1426880_at | 208618 cDNA sequence BC026657 | -3.3 |
| 1455058_at | 210376 myotubularin related protein 9 | -3.2 |
| 1427346_at | 18422 /// ovary testis transcribed /// similar to Ott protein 382243 | -3.2 |
| 1435802_at | 232879 gene model 157, (NCBI) | -3.2 |
| 1428694_at | 75957 RIKEN cDNA 5033413D16 gene | -3.2 |
| 1423319_at | 15242 hematopoietically expressed homeobox | -3.2 |
| 1426246_at | 19128 protein S (alpha) | -3.2 |
| 1426387_x_at | 236604 /// RIKEN cDNA 4933439C20 gene /// phosphatidylserine decarboxylase 320951 | -3.2 |
| 1426253_at | 66768 RIKEN cDNA 4933428G09 gene | -3.2 |
| 1426628_at | 234463 transmembrane protein 34 | -3.2 |
| 1429458_at | 67383 RIKEN cDNA 2410127L17 gene | -3.2 |
| 1427074_at | 245867 RIKEN cDNA 5330414D10 gene | -3.2 |
| 1426571_at | 101772 transmembrane protein 16A | -3.1 |
| 1451277_at | 225791 zinc binding alcohol dehydrogenase, domain containing 2 | -3.1 |
| 1421534_at | | -3.1 |
| 1424782_at | 67171 RIKEN cDNA 2610318G18 gene | -3.1 |
| 1432264_x_at | 20463 cytochrome c oxidase subunit VIIa polypeptide 2-like | -3.1 |
| 1426098_a_at | 12380 calpastatin | -3.1 |
| 1428573_at | 69993 chimerin (chimaerin) 2 | -3.1 |
| 1438948_x_at | 12257 benzodiazepine receptor, peripheral Transcribed locus | -3.1 |
| 1459274_at | | -3.1 |
| 1416412_at | 18201 neutral sphingomyelinase (N-SMase) activation associated factor | -3.1 |
| 1422271_at | 19065 pancreatic polypeptide receptor 1 | -3.1 |
| 1434696_at | 245866 cDNA sequence BC037708 | -3.0 |
| 1437403_at | 320825 RIKEN cDNA E130306M17 gene | -3.0 |
| 1428604_at | 112422 RIKEN cDNA 2610305D13 gene | -3.0 |
| 1418672_at | 27384 aldo-keto reductase family 1, member C13 | -3.0 |
| 1419164_at | 26466 zinc finger protein 260 | -3.0 |
| 1424198_at | 71228 discs, large homolog 5 (Drosophila) | -3.0 |
| 1419635_at | 67392 RIKEN cDNA 4833420G17 gene | -3.0 |
| 1430012_at | 68790 RIKEN cDNA 1110050K14 gene | -2.9 |
| 1436448_a_at | 19224 prostaglandin-endoperoxide synthase 1 | -2.9 |
| 1438610_a_at | 12972 Crystallin, zeta | -2.9 |
| 1460676_at | 74158 RIKEN cDNA 1300006C06 gene | -2.9 |
| 1434705_at | 13017 C-terminal binding protein 2 | -2.9 |
| 1435870_at | 20962 Synaptonemal complex protein 3 | -2.9 |
| 1417203_at | 66071 ethylmalonic encephalopathy 1 | -2.9 |
| 1418327_at | 68002 RIKEN cDNA 1110058L19 gene | -2.9 |
| 1417373_a_at | 22145 tubulin, alpha 4 | -2.9 |
| 1424884_at | 30050 F-box and WD-40 domain protein 2 | -2.9 |
| 1436518_at | 69727 ubiquitin specific protease 46 | -2.8 |
| 1422000_at | 27383 aldo-keto reductase family 1, member C12 | -2.8 |
| 1415719_s_at | 74252 armadillo repeat containing 1 | -2.8 |
| 1447819_x_at | | -2.8 |
| 1418031_at | 17925 myosin IXb | -2.8 |
| 1426760_at | 320727 importin 8 | -2.8 |
| 1434828_at | 329739 RIKEN cDNA B430201A12 gene | -2.8 |
| 1451602_at | 72183 sorting nexin 6 | -2.7 |
| 1433735_a_at | 100201 RIKEN cDNA 9630015D15 gene | -2.7 |
| 1420628_at | 19290 /// purine rich element binding protein A /// RIKEN cDNA 6330411E07 gene 70733 | -2.7 |
| 1460319_at | 53618 fucosyltransferase 8 | -2.7 |
| 1415796_at | 23994 DAZ associated protein 2 | -2.7 |
| 1452592_at | 211666 microsomal glutathione S-transferase 2 | -2.7 |
| 1416135_at | 11792 apurinic/apyrimidinic endonuclease 1 | -2.7 |
| 1452367_at | 107684 coronin, actin binding protein 2A | -2.7 |
| 1436534_at | 20822 Sjogren syndrome antigen A2 | -2.7 |
| 1416908_s_at | 22099 translin | -2.7 |
| 1436716_at | Transcribed locus, strongly similar to XP_370630.2 PREDICTED: protein phosphatase 1, regulatory (inhibitor) subunit 14B [Homo sapiens] | -2.7 |
| 1433620_at | | -2.7 |
| 1417825_at | 13885 esterase D/formylglutathione hydrolase | -2.7 |

| | | |
|--------------|--|------|
| 1429456_a_at | 26939 polymerase (RNA) III (DNA directed) polypeptide E | -2.6 |
| 1428608_at | 67938 myosin light chain, regulatory B | -2.6 |
| 1448894_at | 14187 aldo-keto reductase family 1, member B8 | -2.6 |
| 1439965_at | Transcribed locus | -2.6 |
| 1435076_at | 116972 RIKEN cDNA 2310047D13 gene | -2.6 |
| 1423570_at | 11307 ATP-binding cassette, sub-family G (WHITE), member 1 | -2.6 |
| 1447754_x_at | 67026 THAP domain containing 4 | -2.6 |
| 1418066_at | 12632 cofilin 2, muscle | -2.6 |
| 1452111_at | 232536 mitochondrial ribosomal protein S35 | -2.6 |
| 1452147_at | 218811 SEC24 related gene family, member C (S. cerevisiae) | -2.6 |
| 1455538_at | 109169 RIKEN cDNA 6330403M23 gene | -2.5 |
| 1433530_at | 70164 RIKEN cDNA 2210411K19 gene | -2.5 |
| 1445626_at | 16854 Lectin, galactose binding, soluble 3 | -2.5 |
| 1417470_at | 80287 apolipoprotein B editing complex 3 | -2.5 |
| 1417378_at | | -2.5 |
| 1416260_a_at | 56440 sorting nexin 1 | -2.4 |
| 1437133_x_at | 11677 /// aldo-keto reductase family 1, member B3 (aldose reductase) /// similar to Aldo-keto reductase family 432549 1, member B3 (aldose reductase) | -2.4 |
| 1451015_at | 21881 transketolase | -2.4 |
| 1417399_at | 14456 growth arrest specific 6 | -2.4 |
| 1423097_s_at | 12339 calpain 7 | -2.3 |
| 1451176_at | 228607 RIKEN cDNA D430028G21 gene | -2.3 |
| 1417376_a_at | 54725 immunoglobulin superfamily, member 4A | -2.2 |
| 1452942_at | 74868 RIKEN cDNA 4930438D12 gene | -2.2 |