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► **To cite this version:**

Pierre Galichon, Aurélien Bataille, Sophie Vandermeersch, Morgane Wetzstein, Yi-Chun Xu-Dubois, et al.. Stress Response Gene Nupr1 Alleviates Cyclosporin A Nephrotoxicity In Vivo. Journal of the American Society of Nephrology, 2016, 28 (2), pp.545 - 556. 10.1681/ASN.2015080936. hal-01490505

HAL Id: hal-01490505

<https://hal.sorbonne-universite.fr/hal-01490505>

Submitted on 15 Mar 2017

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title:
**STRESS RESPONSE GENE *NUPRI* ALLEVIATES CYCLOSPORINE
NEPHROTOXICITY IN VIVO**

running title:
***NUPRI* IN CYCLOSPORINE TOXICITY**

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ABSTRACT

Acute tubular damage is a major cause of renal failure, especially at the early phase of kidney transplantation when ischaemia-reperfusion injury and cyclosporin toxicity may coexist. The latter's mechanisms are largely unknown. Using an mRNA microarray on microdissected tubules from a rat model of cyclosporin toxicity to describe its transcriptional epithelial-specific signature *in vivo*, we found that cyclosporin induces ATF4-dependent pathways and identified *Nupr1*, a gene induced by ATF4, as the most strongly upregulated. *Nupr1* expression was induced upon injury in cultured human tubular epithelial cells and in kidney transplants. Using *Nupr1*-deficient mice, we show that *Nupr1* protects the tubular epithelium from cyclosporin toxicity, preventing structural damage, apoptosis and ATP depletion. *Nupr1* decreased cell proliferation and limited protein synthesis in proximal tubular cells treated with cyclosporin. Finally, NUPR1 was also upregulated in models of ischaemia-reperfusion injury, urinary obstruction and hypertension. Taken together, these results suggest that epithelial expression of NUPR1 plays a protective role in response to injury after renal transplantation and, presumably, in other forms of acute tubular damage.

Keywords: acute renal failure / cell survival / ATP / injury response / transcriptomics

INTRODUCTION

Tubular damage is a major cause of renal failure, and both ischaemic and toxic tubular injuries are very frequent causes of acute and chronic renal failure.¹ The course of any renal tubular injury typically starts with loss of specialised function (e.g., proximal tubular cells lose the brush border and their ability to reabsorb low-molecular-weight proteins) and ends with cell death through necrosis, apoptosis or necroptosis.² Repair occurs through proliferation of the surviving epithelial cells and their redifferentiation into specialised tubular cells.³

Most kidney-transplanted patients are treated with calcineurin inhibitors, which cause vascular and tubular damage.⁴ These drugs, mainly cyclosporin A (CsA) and tacrolimus, can initiate tubular lesions,^{5, 6} but the exact mechanism is currently unknown. Calcineurin is a serine phosphatase involved in the dephosphorylation of various proteins and, most importantly, a family of transcription factors – the nuclear factors of activated T cells (NFATs). There are five of these; NFATs 1 to 4 are regulated by calcineurin, and NFAT5 is regulated by osmotic stress.⁷ Calcineurin, by dephosphorylating NFAT, allows it to enter the nucleus and begin its transcriptional activity. NFAT target genes involved in the inflammatory response have been extensively studied in lymphocytes, where NFAT acts as a transcriptional activator, but also as a repressor for some genes.⁸ *In vivo*, CsA induces renal vasoconstriction and tubular lesions.⁹ The spontaneous development in mice deficient for calcineurin A alpha of a renal phenotype reminiscent of cyclosporin toxicity indicates that the decrease in calcineurin activity is sufficient to trigger renal damage.^{10, 11} Genetic deficiency of either cyclophilin or NFATc1 (i.e., the two substrates known to be inhibited by cyclosporin) is not sufficient to initiate tubular damage, but may increase it by impeding the tubular repair process.¹²⁻¹⁴

The mechanisms by which cyclosporin alters tubular function or repair are still ill-understood. Its vasoconstrictive properties on afferent arterioles might be involved *in vivo*, by causing subintra-arterial ischaemia downstream.⁴ A direct effect within the epithelium is also plausible since, like many xenobiotics, calcineurin inhibitors are metabolised by tubular epithelial cells. Endoplasmic reticulum (ER) stress is one hallmark of *in vitro* cyclosporin toxicity.¹⁵⁻¹⁷ It is a complex phenomenon with antagonistic consequences.¹⁸ The term refers both to the accumulation of misfolded proteins in the ER and to the molecular events triggered in response to this accumulation. The accumulation of misfolded proteins recruits the chaperone protein BiP, thus in turn activating double-stranded RNA activated protein kinase-like ER kinase (PERK), a kinase that phosphorylates the transcription factor EIF2alpha. EIF2alpha phosphorylation is the common end-signal of kinases activated by amino-acid limitation (general control non repressible 2, GCN2), viral infection (double-strand RNA-activated kinase), heme limitation (heme-regulated inhibitor kinase) and protein misfolding (PERK).¹⁹ The biological role of EIF2alpha phosphorylation is to decrease protein translation in general, except for that of adaptive proteins, including ATF4, a master transcription factor. ATF4 induces the expression of adaptive genes. If sustained, however, ATF4-induced upregulation of protein synthesis eventually causes ATP depletion and cell death.²⁰ It is thus essential to control the ER stress pathway. Cyclosporin toxicity is known to be associated with impaired energy status and can be alleviated by ATP.²¹ Together, these data strengthen the hypothesis that ER stress plays a role in cyclosporin-induced renal injury.

Our group has extensively studied the phenotypic changes observed in tubular epithelial cells from human kidney recipients exposed to cyclosporin and has repeatedly shown, in particular, that immunohistochemical staining of two mesenchymal markers, vimentin and beta-catenin, in tubular epithelial cells detects cyclosporin tubular toxicity at an early, reversible stage.^{5, 22}

We have also shown that the expression of these mesenchymal markers in tubular epithelial

cells of kidney grafts in patients treated with cyclosporin is associated with initial ischaemic injury and is predictive of further development of kidney fibrosis.^{23,24} To further investigate the mechanisms of CsA-induced tubular injury, we characterised the *in vivo* tubular transcriptomic changes that occur at an early stage of cyclosporin toxicity. Our findings point to a new response gene encoding nuclear protein, transcriptional regulator, 1 (*Nupr1*), which has a central role in the ER stress pathway. We show here that *Nupr1* is induced in several animal models of acute tubular damage and confers resistance to renal tubular damage in these animals presenting cyclosporin toxicity.

RESULTS

Cyclosporin induces tubular transcriptomic changes that are related to protein synthesis and stress.

We used laser microdissection coupled to an mRNA microarray to perform an *in vivo* comparative transcriptomic analysis of rat renal tubules exposed to either vehicle or nephrotoxic doses of cyclosporin (Figure 1, Dataset 1). Using a 1.5-fold threshold (with $P < 0.05$ by t-test), we found that 179 genes were downregulated and 286 genes upregulated by cyclosporin (Dataset 1). The gene expression pattern confirmed that this transcriptomic analysis was limited to tubular epithelium, since the expression of endothelial (*Cd31*) and podocyte-specific (*Nephrin*) genes was very low (respectively 3 and 2 on a logarithmic scale ranging from 2 to 14). Markers specific to the proximal tubule (*Npt2a* and *Lrp2*) were very strongly expressed (12 on the same logarithmic scale), whereas *Aqp2*, a marker of collecting ducts, was expressed only moderately (7 on the logarithmic scale). None of these cell-specific markers differed between the cyclosporin- and vehicle-treated groups. In contrast, we found that known markers of tubular damage — *Havcr1* (aka *Kim1*) and osteopontin (*Opn*) — were

induced in renal tubules exposed to cyclosporin (3 to 7 for *Kim1* and 5 to 9 for *Opn* on the logarithmic scale). Figure 1 presents these expression data.

The pathway analysis using the Pathway Analysis using Logistic Regression (LRpath) identified significant changes in the expression of genes involved in five Kyoto Encyclopedia of Genes and Genomes (KEGG) pathways: ribosome, protein processing in the endoplasmic reticulum, protein export, peroxisome, and terpenoid synthesis (Figure 1, Supplemental Table 1 and 2). Notably, searching the TRANSFAC® database for transcription factors associated with the observed transcriptomic changes did not identify NFAT or any other transcription factor. The first 3 pathways (ribosome, protein processing in the endoplasmic reticulum, and protein export), all involved in protein synthesis, showed overexpression in the CsA group, whereas the latter 2 (peroxisome and terpenoid synthesis) were underexpressed. This transcriptional signature of cyclosporin *in vivo* in the tubular epithelium is strongly reminiscent of the ATF4-dependent gene expression induced by tunicamycin (an ER stress inducer) *in vitro*.²⁰ Accordingly, we observed that nephrotoxic doses of cyclosporin consistently enhanced the level of ATF4 in renal tubular cells, as shown by immunohistochemical analysis of kidney sections from CsA-treated mice. Moreover, ATF4 was induced by CsA *in vitro* in cultured mouse tubular epithelial cells, as shown by western blot (Figure 2). Interestingly, *Nupr1*, an ATF4-responsive gene,^{25, 26} was the gene most highly overexpressed (86 times) under cyclosporin in this microarray analysis (Supplemental Table 1). To our knowledge, the role of *Nupr1* in acute tubular damage has not previously been studied *in vivo*.

Nupr1 confers resistance to epithelial injury

To gain insight into the role of *Nupr1* in CsA nephrotoxicity, we translated our experimental model to mice. C57bl6/J wild-type (WT) mice showed evidence of epithelial toxicity with renal failure after 2 weeks of cyclosporin at doses between 50 and 100 mg/kg/day SC. A dose of 100 mg/kg/day induced acute kidney injury, weight loss, tubular damage, apoptosis and proliferation together with dose-dependent *Nupr1* induction by CsA and ER stress (Supplemental Figures 1, 2 and 3). We used *Nupr1* knockout mice to investigate the role of this gene in cyclosporin-induced renal injury. Although these *Nupr1*-deficient mice showed no spontaneous renal phenotype, the renal tubular lesions they developed when challenged with cyclosporin were substantially worse than those observed in WT mice. They had more tubular vacuolisation and dilation than their WT littermates (semi-quantitative score 2 [0.88-2.5] vs 0.5 [0.5-1], $P= 0.009$ for vacuolisation and 1.75 [0.5-2] vs 0 [0-0.5], $P=0.003$ for dilation, Figure 3 A, B, G, F). Accordingly, *Kim-1* mRNA expression was significantly higher in the cortex of *Nupr1*^{-/-} compared with WT mice; a trend towards higher plasma urea levels in the *Nupr1*^{-/-} mice was also observed, but did not reach statistical significance (Supplemental Figure 4).

The mechanism by which Nupr1 protects the renal epithelium involves cell survival but not decreased cyclosporin exposure, vascular reactivity or enhanced tubular repair.

Measurements of serum cyclosporin trough levels showed that the groups did not differ for cyclosporin exposure (Supplemental Figure 5A). Nor did the knockout mice differ from the WT in their expression of the *Il27* gene, a close neighbour of the *Nupr1* gene on the mouse genome and a potential regulator of cyclosporin-induced inflammation²⁷ (Supplemental Figure 5B). Measurements of aortic blood pressure and renal blood flow in *Nupr1*^{-/-} and WT

mice after 5 days of cyclosporin (100 mg/kg/d SC) or 5 days of vehicle showed no haemodynamic effect of *Nupr1* (Supplemental Figure 5C-D).

After cyclosporin treatment, apoptosis, assessed by TUNEL, was more frequent in renal tubular cells from *Nupr1*^{-/-} (18.5 [9.8-33.3] nuclei/field) than in WT mice (4 [1.75-6.5], *P*= 0.01) (Figure 3 E, F, J). This observation suggests that *Nupr1* protects tubular cells from death. Tubular proliferation assessed by Ki67 staining was again more frequent in the renal tubular cells of the *Nupr1*^{-/-} (89.5 [55.5-117.3] nuclei/field) than WT animals (43.5 [33.3-56.5], *P*= 0.03) (Figure 3 C, D, I). Both tubular apoptosis and proliferative repair increased in the absence of *Nupr1*.

Nupr1 limits protein synthesis, proliferation and cell death, and preserves the energy status of epithelial proximal tubular cells during in vitro cyclosporin toxicity.

We used primary cultures of proximal epithelial tubular cells from *Nupr1* knockout and WT mice to investigate the effect of *Nupr1* on apoptosis under CsA treatment. In wild type cells, we measured ATF4 protein, *Nupr1*, *Atf4*, *Chop* and *Bip* mRNA expression before and after 1, 2, 3, 6 and 24 hours of cyclosporin exposure. All these parameters were induced already after one hour, with ATF4 protein induction being the strongest at this early time point, except *Bip* that was induced only after 3 hours (Figure 2C). *Nupr1*^{-/-} cells had a higher level of ATF4 expression after CsA treatment than wild type cells (Supplemental Figure 6). Using a pulse of homopropargylglycine (a methionine analogue) to evaluate protein synthesis by immunofluorescence and flow cytometry, we showed that cyclosporin decreased protein synthesis in wild type cells but didn't do so in *Nupr1*^{-/-} cells (Figure 4).

We measured cell proliferation using 3 different techniques: a simple cell count 48 hours after seeding various numbers of cells, continuous monitoring of cell density with xCELLigence technology, and BrdU incorporation (Figure 5, Figure 6A-B and Supplemental Figure 7). All

techniques showed that *Nupr1*^{-/-} proximal tubular cells proliferated faster than wild-type cells. Treatment with CsA virtually abolished proliferation in wild-type cells, but only decreased proliferation in knock out cells (Figure 6A-B). Although proliferation was maintained, assessment by xCELLigence of CsA-treated *Nupr1*^{-/-} cells showed a decrease in cell density, suggesting cell death.

Similar to CsA renal toxicity *in vivo*, 5 µg/mL CsA induced cell death, with more dead cells in *Nupr1*^{-/-} cells compared to WT cells (Figure 6C).

We investigated the effect of *Nupr1* on the energy status of proximal tubular epithelial cells by measuring ATP and ADP in *Nupr1*^{-/-} and WT cells incubated for 24 hours with or without 1 µg/mL CsA (Figure 6D). ATP/ADP ratio were lower in the *Nupr1*^{-/-} mice compared to wild type mice. Moreover, the ATP/ADP ratio decreased still further after cyclosporin was added. The effect of *Nupr1* on the ATP/ADP ratio was explained mainly by a fall in ATP, although ADP increased slightly as well (Supplemental Figure 8).

Rescuing *Nupr1* deficiency by transfecting a *flag-Nupr1* transgene into *Nupr1*^{-/-} proximal tubular cells did inhibit proliferation (less cells in S phase, and more cells in G2/M) in cells expressing the transgene, thus confirming the instrumental role of *Nupr1* in proliferation and apoptosis (Figure 7 and Supplemental Figure 9).

***Nupr1* induction is relevant to other models of kidney injury in mice and in human kidney transplantation.**

To determine if *Nupr1* was specifically upregulated after CsA treatment, we measured *Nupr1* mRNA in kidney cortices of mice in control conditions and after ischaemia-reperfusion injury, unilateral ureteral obstruction, and angiotensin II-induced hypertension. As shown in Supplemental Figure 10, we found that *Nupr1* was upregulated in each of these different experimental models. This finding suggests that *Nupr1* may exert its protective effects in many forms of kidney injury.

We studied the expression of *Nupr1* in cultured human renal epithelial cells. Increasing the cyclosporin concentration dose-dependently induced *Nupr1* mRNA expression in human proximal tubular cells (Figure 8A). We also performed immunohistochemical analysis for NUPR1 on normal kidney (stable renal allografts) and on injured kidney (pre-implantation biopsies from donors with acute tubular necrosis and allografts undergoing acute tubular necrosis or allograft dysfunction). Using multiple stainings for NUPR1, Megalin and nuclei, we found that, in normal kidney, NUPR1 expression was absent in nuclei from renal proximal tubules. Conversely, in injured kidneys, NUPR1 was strongly expressed in many nuclei from renal proximal tubules. (Figure 8B-F)

DISCUSSION

Kidney resistance to injury varies greatly,²⁸ as exemplified by cyclosporin toxicity; it is widely prescribed to patients in standardised conditions and results in variable toxicity, depending on the dose, on additional insults, and on the patient's own characteristics.⁴ Several genes involved in xenobiotic detoxification have been suggested as risk factors for calcineurin inhibitor nephrotoxicity.²⁹ Cyclosporin nephrotoxicity nonetheless remains poorly understood, especially its *in vivo* effect on renal tubular epithelium. Our investigation provides the first description of this drug's genome-wide transcriptional effect there. Our primary hypothesis was that calcineurin inhibition would cause toxic effects by inactivating NFAT, a pleiotropic transcription factor. NFAT-induced genes (e.g., *Il2*) are expected to be downregulated by cyclosporin through calcineurin inhibition.⁸ Other genes have been shown to be repressed by NFAT (e.g., *Cdk4*) and might thus be enhanced under cyclosporin treatment.^{8, 30-32} Interestingly, one of the genotypes at risk of cyclosporin toxicity is a low-activity variant of *Cyp2c9*,²⁹ the gene most downregulated by cyclosporin in our data (Figure 1). However, the *Cyp2c9* promoter contains no NFAT-response-element,³³ and neither the NFAT nor the calcineurin pathways were modified by cyclosporin on a transcriptional level

in our data. These seemingly contradictory results can be interpreted in two ways: 1) the calcineurin and NFAT pathways in the tubular epithelium (our data) are very different from these pathways in the lymphocytes (previously published data); thus, bioinformatic tools like LRpath do not link our data to calcineurin and NFAT, and 2) the pattern of gene expression we observed is not directly caused by the inhibition of the calcineurin and NFAT pathways. Other substrates of calcineurin might be involved, or a secondary transcriptomic response to injury. This pattern is reminiscent of the genes induced by ATF4, a master transcription factor that orchestrates the expression of stress genes, including *Nupr1* and other stress related genes that were overexpressed in our analysis, like *Asparagine synthetase* and several aminoacyl-tRNA-synthetases. ATF4 induces a transcriptional program that upregulates the energy-expending mechanisms of protein synthesis potentially leading to cell death.²⁰ Decreased ATP levels are instrumental in cell death, whether due to diminished ATP production (decreased fatty acid oxidation) or to enhanced ATP consumption (increased protein synthesis).^{20, 34} Here, after administration of toxic doses of cyclosporin *in vitro* and *in vivo*, renal tubular cells expressed ATF4-dependent pathways associated with decreased expression of peroxisome genes and increased rates of protein synthesis, energy depletion and cell death.

Nupr1, essentially unstudied in renal diseases, is a chromatin-binding protein induced by various epithelial stresses and has important properties: it is anti-apoptotic and anti-inflammatory, and it regulates cell proliferation.³⁵ Its expression is instrumental in endothelin-mediated mesangial hypertrophy.³⁶ Because *Nupr1* is an early stress response gene induced by ATF4 in the renal tubular epithelium and protects tubular cells from cell death,²⁵ we hypothesised that it might protect against apoptosis by preserving the cell energy status.

We found that *Nupr1* was strongly expressed during cyclosporin-induced renal epithelial lesions *in vivo* and *in vitro* and that it exerted a protective role on cell survival and energy status. *Nupr1* also contributed to inhibiting protein synthesis and slowing the proliferation of

proximal tubular cells. Ischaemia-reperfusion injury causes p53-dependent G2/M arrest of renal tubular cells and subsequent renal fibrosis.³⁷ *Nupr1* is a positive regulator of p53.³⁸ Because we found a consistent increase in *Nupr1* levels in all the kidney injury models we tested (including ischaemia-reperfusion injury), *Nupr1* induction appears to be a generic response to any epithelial injury and is not cyclosporin-specific. Whether *Nupr1* induction is also protective in these other models remains to be tested. The mechanism by which the ATF4-NUPR1 pathway might influence evolution toward cell death or survival is outlined in Figure 9. Overall, *Nupr1* inhibits energetically costly processes (proliferation and protein synthesis) and preserves ATP cellular concentrations. ADP/ATP ratio is associated to apoptosis, and may be instrumental in this model. The molecular targets of *Nupr1* that lead to cell protection are still unknown, however. Further studies should therefore 1) investigate the precise mechanisms that regulate energy consumption, protein synthesis and proliferation downstream of *Nupr1*; 2) test strategies aimed at producing a time-limited expression of *Nupr1*-related pathways in acute kidney injury, and 3) determine whether *Nupr1* variants are involved in susceptibility to kidney injury in humans.

CONCISE METHODS

Animals. We used a model of *in vivo* renal toxicity by daily injections cyclosporin for 2 weeks.³⁹ JL Iovanna created the *Nupr1*^{-/-} mouse strain.³⁸ Blood and kidneys were harvested under general anaesthesia. For creatinine clearance measurements, animals were placed overnight in metabolic cages for urine collection, and blood was collected from the retro-orbital sinus under isoflurane anesthesia. *Morphologic studies and laser microdissection.* Ki67 and TUNEL quantification were performed with the particle analysis function of ImageJ 1.45o software. For each sample, 200 cortical tubules were harvested by laser capture microdissection (Supplemental Figure 11). *RT-PCR and mRNA microarray.* Microdissected tubules were studied with the GeneChip Rat Genome 230 2.0 microarrays (Affymetrix). The

pathway analysis was performed with LrPath web-based software.⁴⁰ The quantitative RT-PCR expression results relative to the housekeeping gene were obtained by the ΔCp method. *In vitro studies.* Proximal epithelial cells were isolated from fresh kidneys of *Nupr1*^{-/-} and WT mice.^{41, 42} *Statistics.* Statistical analysis used JMP Pro 9.0.2 software. Data are presented by their median values and interquartile ranges, and a nonparametric Wilcoxon test was used to assess statistical significance, except where otherwise indicated. A *P*-value < 5% was defined as significant. *Study approval.* Animals were handled in a licensed facility (approval number B-75-20-01) in compliance with French legislation and INSERM standards. Biopsies from renal-transplanted patients receiving cyclosporin treatment were used for NUPR1 immunohistochemistry. The biopsies were indicated for state-of-the-art routine care, and all patients provided written consent for use of the leftover material for research purposes. The study performed on human biopsies was approved by our institutional review board.

ACKNOWLEDGMENTS

Project funding:

Assistance Publique –Hôpitaux de Paris

Agence de Biomédecine

Equipment funding:

CODDIM

Scholarships:

Assistance Publique –Hôpitaux de Paris (PG, AB)

Société Francophone de Transplantation (PG)

Société de Néphrologie (PG)

Société Française d'Anesthésie-Réanimation (AB)

Contrat d'Interface hospitalier INSERM-AP-HP (AH)

AUTHOR CONTRIBUTIONS

PG designed and performed the experiments and drafted the manuscript. MW, AB and CM participated in the *in vivo* experiments. DL and SV participated in the *in vitro* experiments. SP performed the haemodynamics study. NB participated in the *in vivo* studies and RT-qPCRs. YCXD, CJ and DB participated in the histological evaluation of the kidneys (mice and humans). AH participated in the interpretation of the results and reviewed the manuscript. JI created the *Nupr1*^{-/-} mice and reviewed the manuscript. ER participated in the study design and in writing the manuscript.

CONFLICT OF INTEREST

The authors have no conflict of interest to declare.

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FIGURE LEGENDS

Figure 1. *In vivo* renal tubular transcriptome analysis. **A.** Principal component analysis of the gene expression results. The 6 samples circled in red passed the quality check for further analysis. **B.** Volcano plot with $-\log P$ -value (t-test) along the y-axis and log fold-change along the x-axis. *Nupr1* is circled in red. **C.** mRNA expression by microarray (on a logarithmic scale ranging from 2 to 14) of representative markers for various segments of the nephron (*Megalin* and *Npt2a* for the proximal renal tubule, *Aqp2* for the collecting duct, *Nephrin* for the glomeruli, and *Cd31* for the endothelium) and known markers of renal tubular injury (*Kim1* and *Opn*). CsA-treated animals (CsA, n=3) were compared to the control group (CTL, n=3). Results were considered nonsignificant (NS) if the P -value (t-test) > 0.05 . **D.** Summary of the logistic regression pathway analysis on KEGG pathways. The 5 pathways were enriched in the differential analysis between the CsA and the CTL group. Genes from the first 3 pathways were upregulated by cyclosporin, and genes from the last 2 pathways downregulated by it.

Figure 2. ATF4 protein expression 24h after CsA treatment assessed by immunohistochemical analysis (**A**) and by western blot (**B**) in renal tubules of mice, and at different time points (**C**). **A.** Tubules injured by CsA 100 mg/kg/d, for 14 days (CsA) overexpressed ATF4, compared with control kidneys (CTL). **B.** Photograph of the full western blots for ATF4 and GAPDH, with the protein ladder on the left (ATF4 and GAPDH corresponding to 50 and 40 kDa respectively), showing induction of ATF4 after 24 h exposure to 5 μ g/mL of CsA in a primary cell culture of mouse proximal tubular cells (representative of 3 independent experiments). Extinction of ATF4 staining after transfection with an anti-ATF4 siRNA attests to the specificity of the anti-ATF4 antibody. **C.** Time course of ATF4 protein (n=2) with *Nupr1*, *Atf4*, *Chop* and *Bip* mRNA (n=4), after 1, 2, 3, 6 and 24 hours of CsA (1 μ g/mL) exposure, compared to vehicle.

Figure 3. **A, C, E.** Wild-type mice treated by cyclosporin 100 mg/kg/d for 14 days. **B, D, F.** *Nupr1*^{-/-} animals treated by cyclosporin 100 mg/kg/d for 14 days. **A & B.** Masson's Trichrome. *Nupr1* deficiency exacerbated histological tubular lesions caused by cyclosporin: tubular vacuolisation and dilation. **C & D.** Ki67 immunohistochemistry. *Nupr1* deficiency was associated with increased tubular cell proliferation. **E & F.** TUNEL assay. *Nupr1* deficiency was associated with increased apoptosis. **G, H, I, J.** Quantification for tubular dilation (G), tubular vacuolisation (H) in wild type (n=12) and knock out (n=10) mice, Ki67 (I) and TUNEL (J) in wild type (n=6) and knock out (n=6) mice.

Figure 4. Assessment of protein synthesis using a pulse of L-homopropargylglycine (methionine analog) revealed by Alexa Fluor 488. **A.** Protein synthesis evaluation by immunofluorescence (in green) in wild type and *Nupr1*^{-/-} proximal tubular cells incubated with 5 µg/mL CsA or vehicle for 24 hours. **B.** Protein synthesis evaluation by flow cytometry showing the percentage of cells in cell-cycle phase G1 undergoing protein synthesis, and the rate of protein synthesis (median fluorescence intensity) in these cells for wild type and *Nupr1*^{-/-} cells treated for 24 hours with 5µg/mL cyclosporin or vehicle.

status.

Figure 5. Differential proliferation of WT and *Nupr1* knockout cells within 48 hours after seeding. **A.** Number of cells counted by flow cytometry in a well 48h after seeding 500 to 20000 of either KO or WT proximal tubular cells/well (96-wells plate). **B.** Photograph of the cells 48 hours after seeding 5000 of KO or WT proximal tubular cells per well. **C.** Real time monitoring of cell proliferation for 48 hours after seeding 1000 to 7000 cells/ well (96-wells plate) of either KO or WT proximal tubular cells, and monitoring of cell proliferation for 24 hours after seeding 5000 of KO or WT proximal tubular cells per well, followed by 24 hours incubation with 1µg/mL cyclosporine or vehicle.

Figure 6. A. Cell-cycle analysis using flow cytometry to assess DNA content by Propidium Iodide staining and DNA synthesis by BrdU incorporation, under normal conditions or under 1 µg/mL cyclosporin for 24 hours, according to *Nupr1* status (n=3). **B.** Rate of BrdU incorporation in BrdU positive cells assessed by flow cytometry, under normal conditions or under 1 µg/mL cyclosporin for 24 hours, according to *Nupr1* status (n=3). **C.** Apoptosis quantified by flow cytometry (propidium iodide for necrosis and YO-PRO®-1 for apoptosis) *in vitro* under normal conditions or under 5 µg/mL cyclosporin for 24 hours, according to *Nupr1* status (n=5). **D.** ATP/ADP ratio *in vitro* under normal conditions (n=12) or under 1 µg/mL cyclosporin for 24 hours (n=6), according to *Nupr1*

Figure 7. Rescue of *Nupr1*^{-/-} cells by transfection of a flag-*Nupr1* transgene (n=3). **A.** Gating of single cells on DNA content using an area vs height dot-plot. **B.** Transfection resulted in only ~1% of flag-expressing cells. **C.** Transfection selective cell-cycle analysis, based on DNA content assessed by Hoechst staining.

Figure 8. A. Analysis of *Nupr1* expression (normalised on housekeeping gene *Hprt*) in human proximal tubular HK2 cells showed a dose-dependent induction of *Nupr1* mRNA by cyclosporin. **B, C, D, E.** Immunohistochemical analysis for NUPR1 in human renal allografts showing a normal biopsy 3 months after transplantation with no NUPR1 expression (C, E), and a biopsy with acute antibody-mediated rejection and chronic allograft dysfunction (D, F). C-D show NUPR1 expression, and E-F show the triple staining for nuclei (DAPI, blue), megalin (green), and NUPR1 (magenta) .

Figure 9. Schematic representation of the relations between kidney injury, the ATF4-NUPR1 pathway and epithelial fate.

SUPPORTING DOCUMENTS

Supplemental Figure 1. Dose-dependent cyclosporin nephrotoxicity at day 14 in C57bl6/J WT mice. **A.** Plasma urea in mice treated for 14 days with various doses of CsA (■ $P < 0.05$; ◆ $P < 0.005$ vs 0 mg/kg/d), and *Nupr1* relative quantification (normalised on the geometrical mean of the housekeeping genes *Rpl32* and *Gusb*) in the cortex of mice treated with various doses of CsA for 14 days. **B & C.** Masson's Trichrome of the kidneys of mice injected with vehicle, 60mg/kg/d or 100 mg/kg/d for 14 days (B: magnification x400, C: magnification x100). **D.** TUNEL assay of the kidneys of mice injected with vehicle, 60mg/kg/d or 100 mg/kg/d for 14 days (magnification x600). **E.** Ki67 staining of the kidneys of mice injected with vehicle, 60mg/kg/d or 100 mg/kg/d for 14 days (magnification x100).

Supplemental Figure 2. Time course of weight change (A), plasma urea (B), plasma creatinine (C), and creatinine clearance (D) in mice treated for 2 weeks by 100 mg/kg/day cyclosporine (CsA) or vehicle (CTL).

Supplemental Figure 3. Serial sections of control (A & B) and CsA-treated (C & D) mouse kidneys stained by immunohistochemistry for megalin (A & C) and CD44 (B & D).

Supplemental Figure 4. Additional markers of kidney injury in wild type (WT) or *Nupr1*^{-/-} (KO) mice, with cyclosporine 100 mg/kg/j (CsA) or vehicle (CTL) for 14 days. **A.** Blood urea was significantly increased after CsA treatment, but did not differ significantly between genotypes (WTCTL: n=5, KOCTL, n=8, WTCsA: n=12, KOCsA: n=10). **B.** The level of mRNA from a kidney injury molecule 1 (KIM 1) after 14 days of CsA was significantly higher in *Nupr1*^{-/-} than in WT mice (n=6 for each group).

Supplemental Figure 5. **A.** Serum cyclosporine trough levels after 2 weeks of 60 mg/kg SC cyclosporine daily were not different in wild type and *Nupr1*^{-/-} mice (n=5). **B.** Expression of Il27 in the renal cortex of WT and *Nupr1* knockout mice (n=6). **C and D.** Mean aortic blood pressure and mean renal blood flow of knockout (KO) and wild-type (WT) mice treated by cyclosporin (CsA) or vehicle (CTL).

Supplemental Figure 6. Western blot of ATF4 normalized on GAPDH in wild-type (WT) and knock-out (KO) proximal tubular cells treated by cyclosporin (CsA) or vehicle (CTL).

Supplemental Figure 7. Gating strategy used for assessment of BrdU incorporation by flow cytometry in wild type and *Nupr1*^{-/-} cells. BrdU-positive cells gated on the autofluorescence vs BrdU-FITC plot are shown in blue on the propidium iodide vs BrdU-FITC plot.

Supplemental Figure 8. ATP and ADP levels (arbitrary unit) in WT and *Nupr1* knockout cells after 24 hours exposure to 1 µg/mL cyclosporin (n=6) or its vehicle (n=12).

Supplemental Figure 9. Cell-cycle analysis of wild-type and *Nupr1*^{-/-} proximal tubular cells after transfection with the *flag-Nupr1* transgene. Cells without expression of the transgene are shown in red, and cells expressing the transgene (identified with the anti-FLAG antibody) are shown in blue.

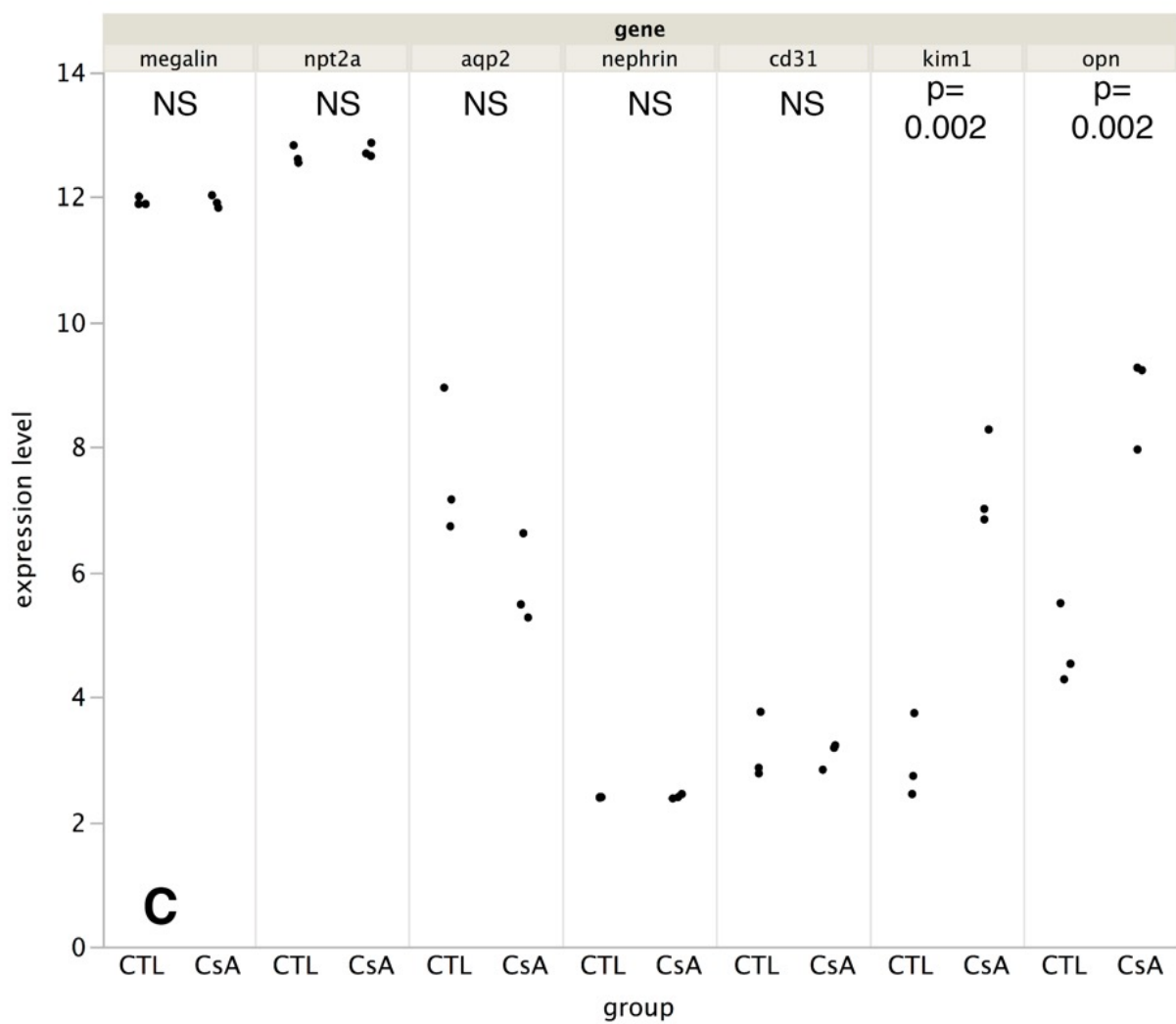
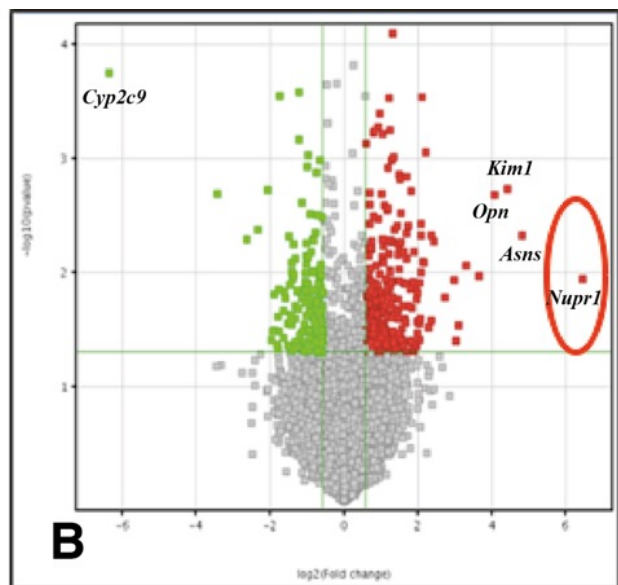
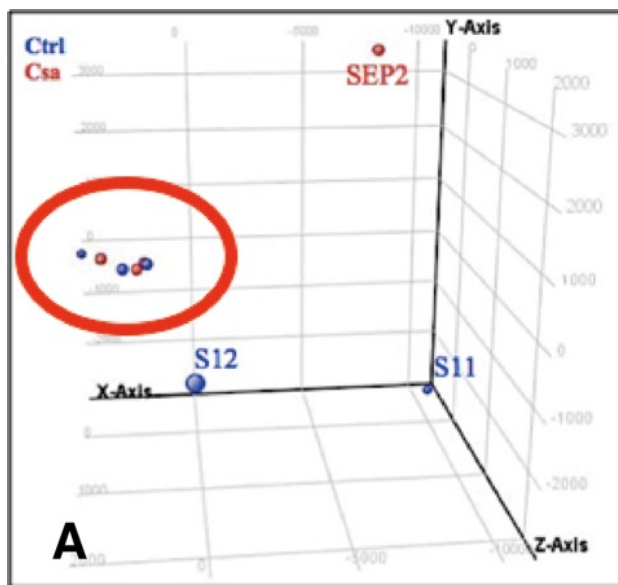
Supplemental Figure 10. Induction of *Nupr1* expression in various models of kidney injury. Moderate hypertension (HTA) was obtained through infusion of angiotensin 2 and low-dose of L-NAME, severe hypertension through infusion of angiotensin 2 plus high dose of L-NAME L-Name treatment. Ischaemia-reperfusion (IR) was performed by occluding the renal artery bilaterally for 35 minutes. Unilateral ureteral occlusion was performed by ureteral ligation for 10 days, and the contralateral kidney served as the control.

Supplemental Figure 11. A slide used for renal tubule microdissection. Note that the tubule contour was burned by the LASER, thus precluding extratubular contamination.

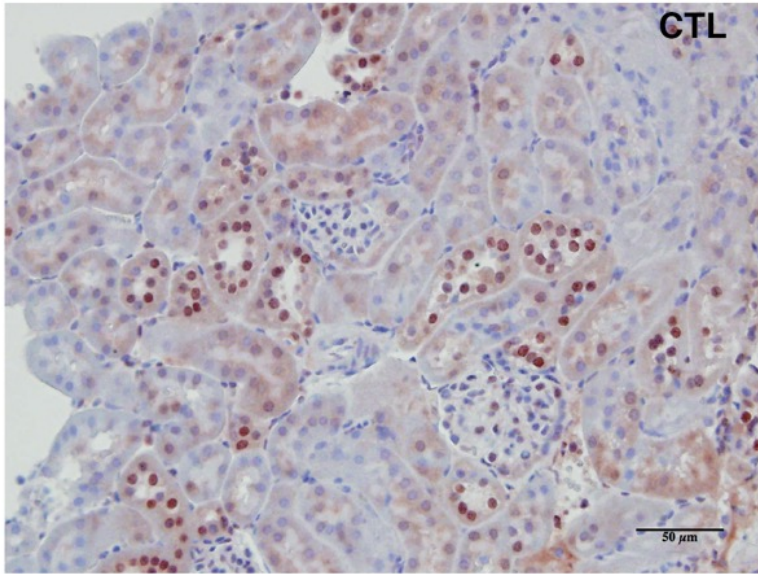
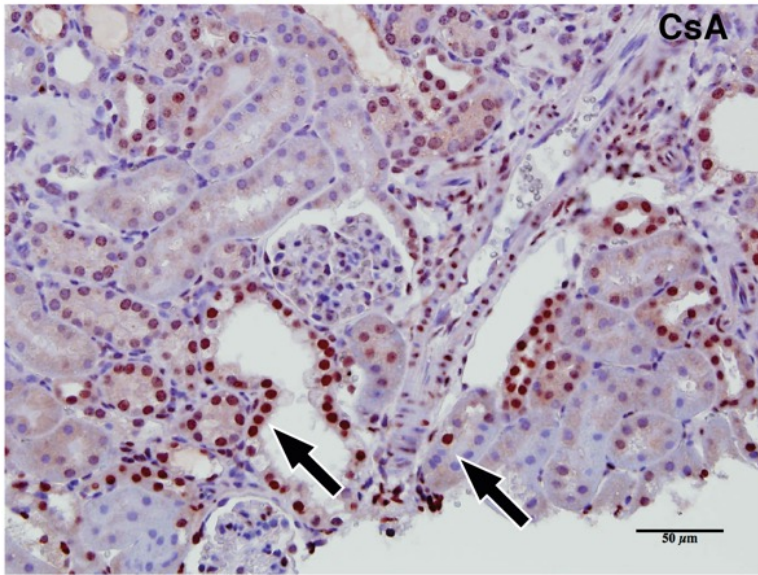
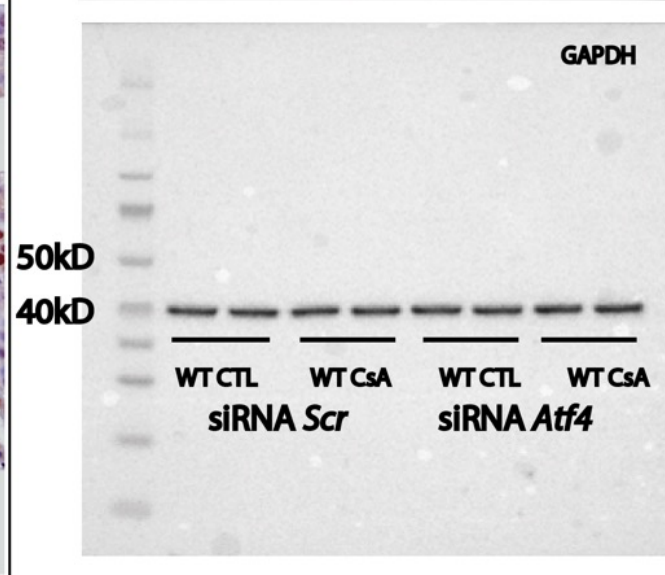
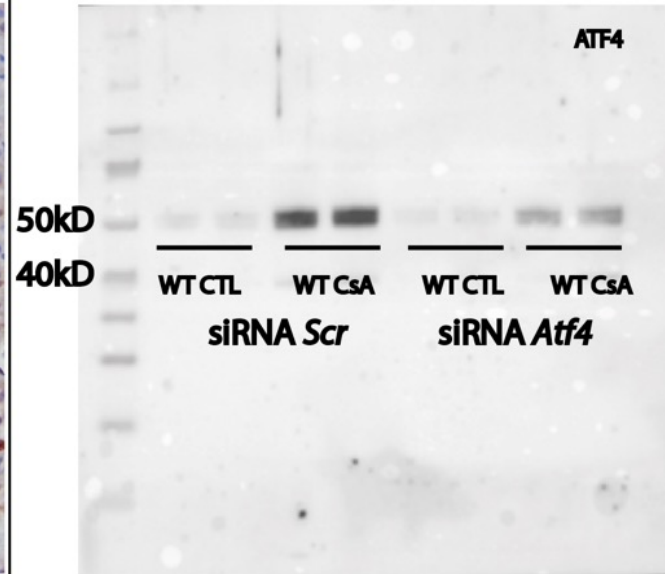
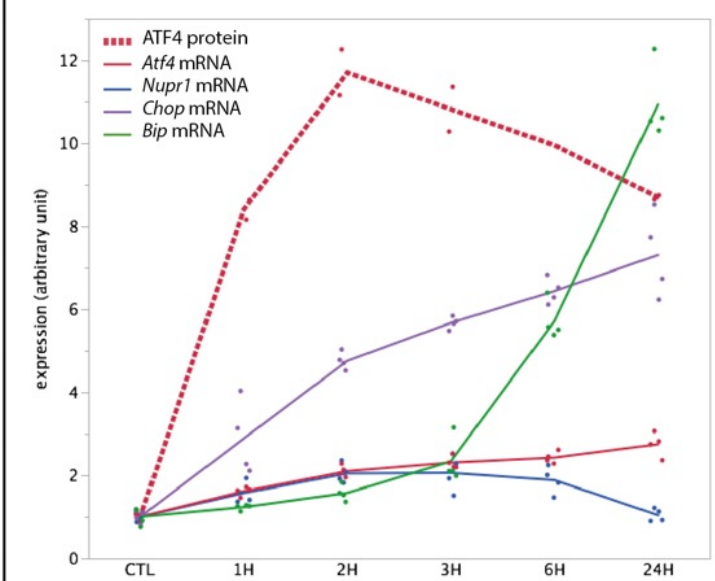
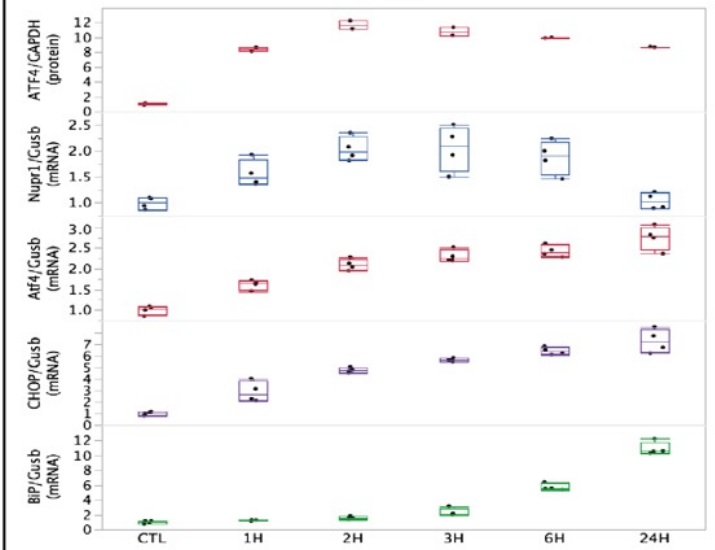
Dataset 1. Full results of the mRNA microarray analysis with expression data and comparison between the cyclosporin and control groups.

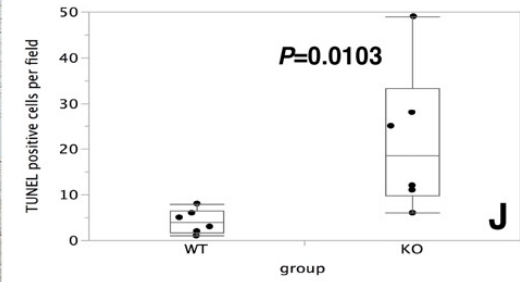
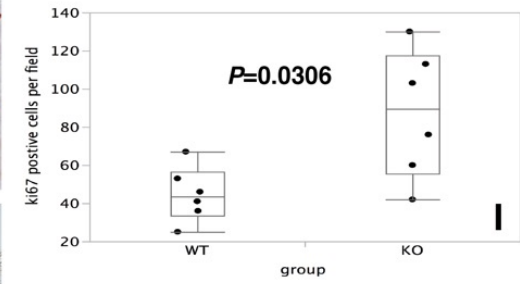
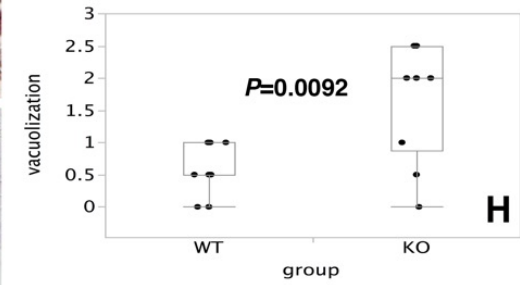
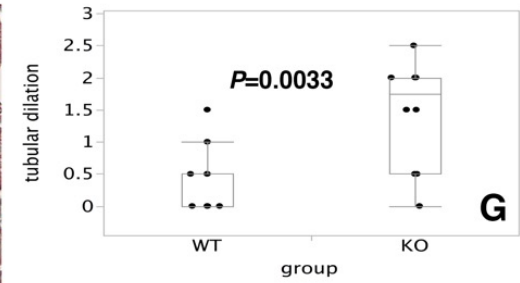
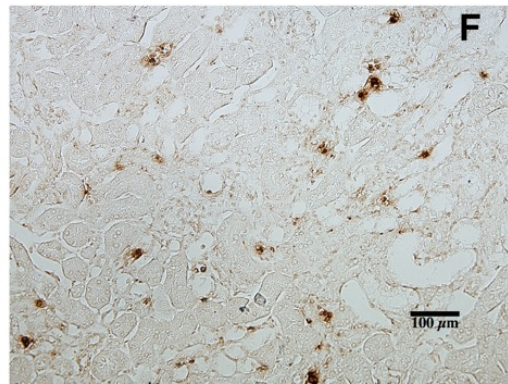
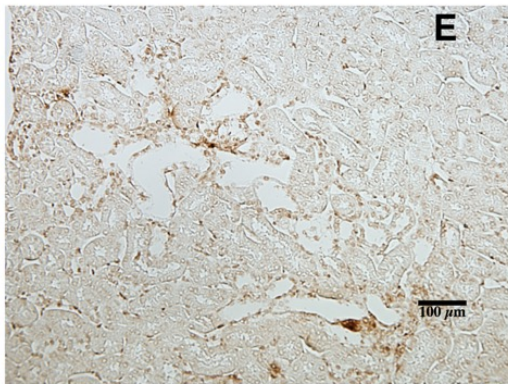
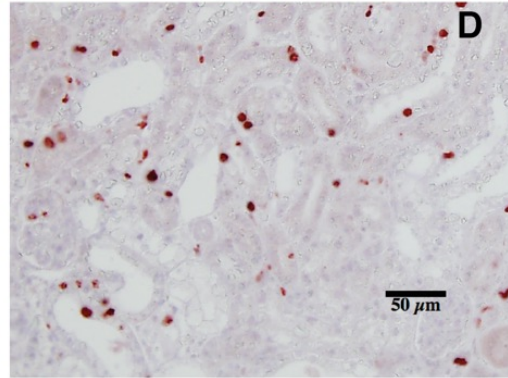
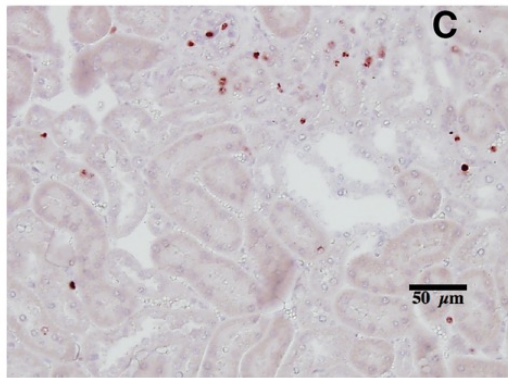
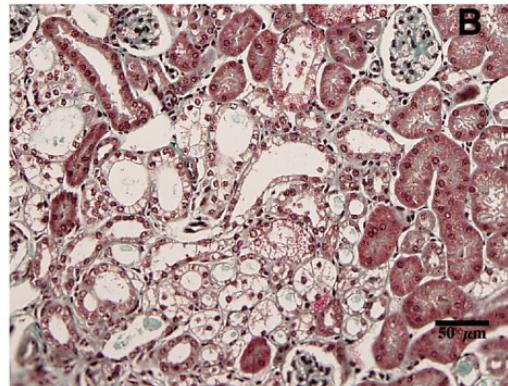
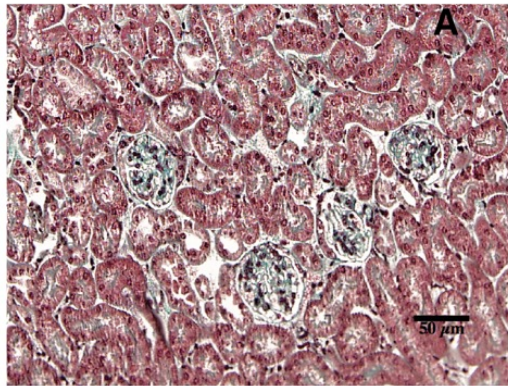
Supplemental Table 1. Results of the logistic regression pathway analysis with the details of the genes involved in enriched pathways.

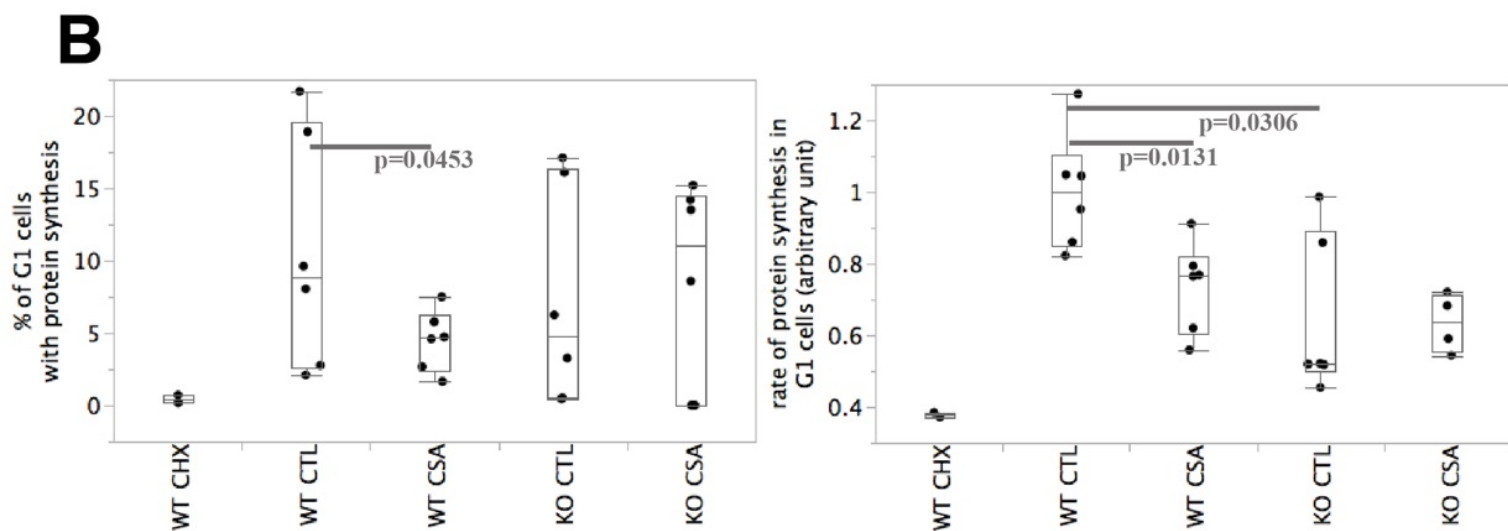
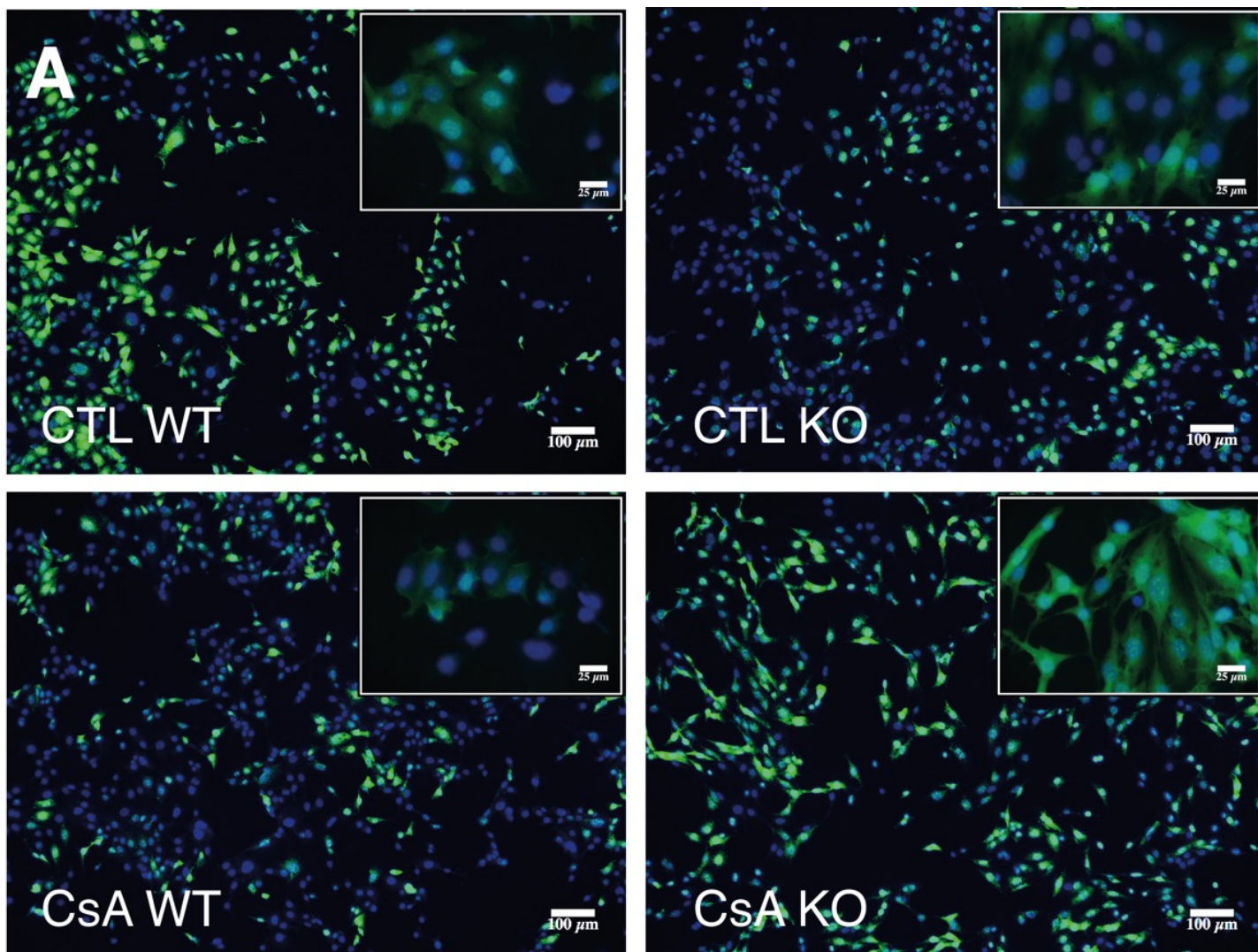
Supplemental Table 2. Sequences of the primers used for RT-qPCR and details of the amplicon and spanned intron size.

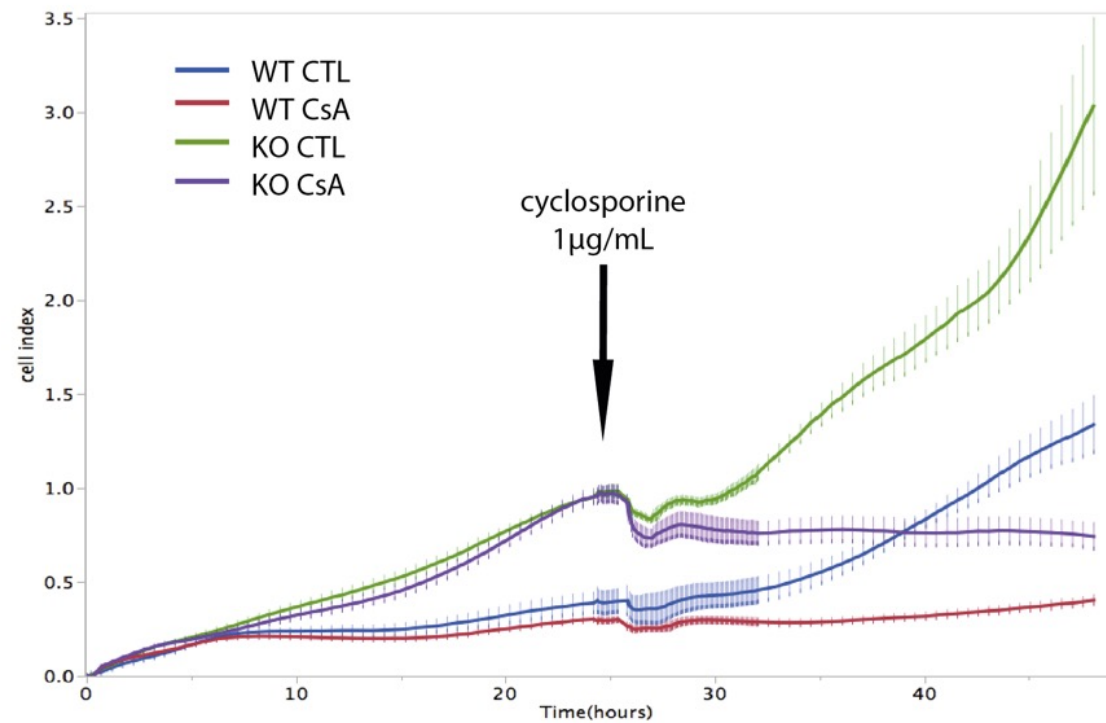
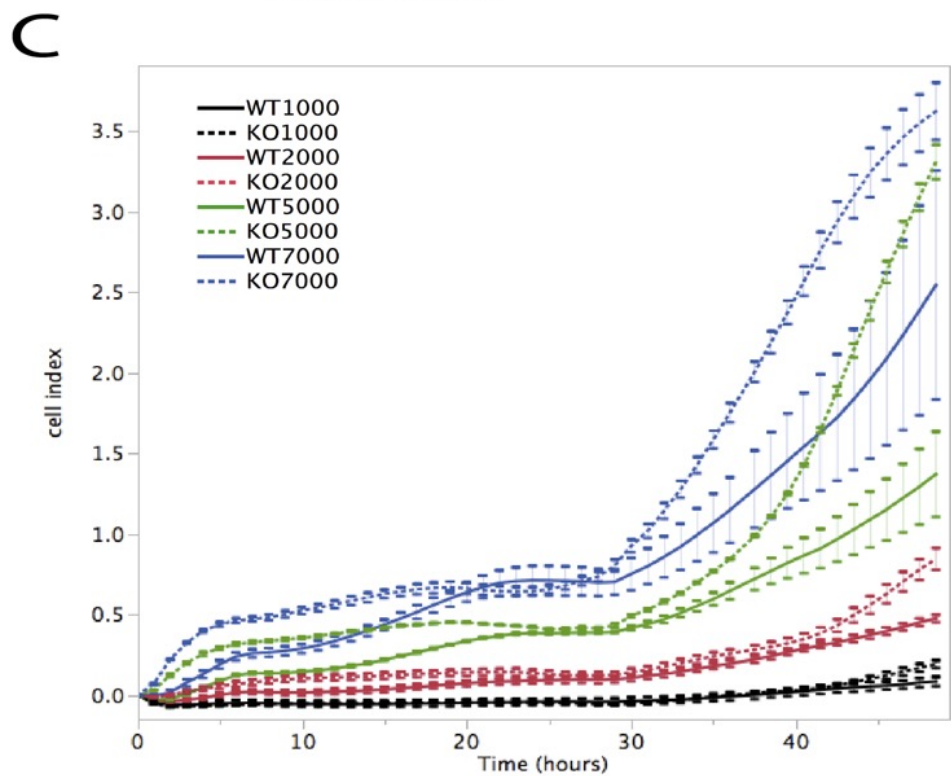
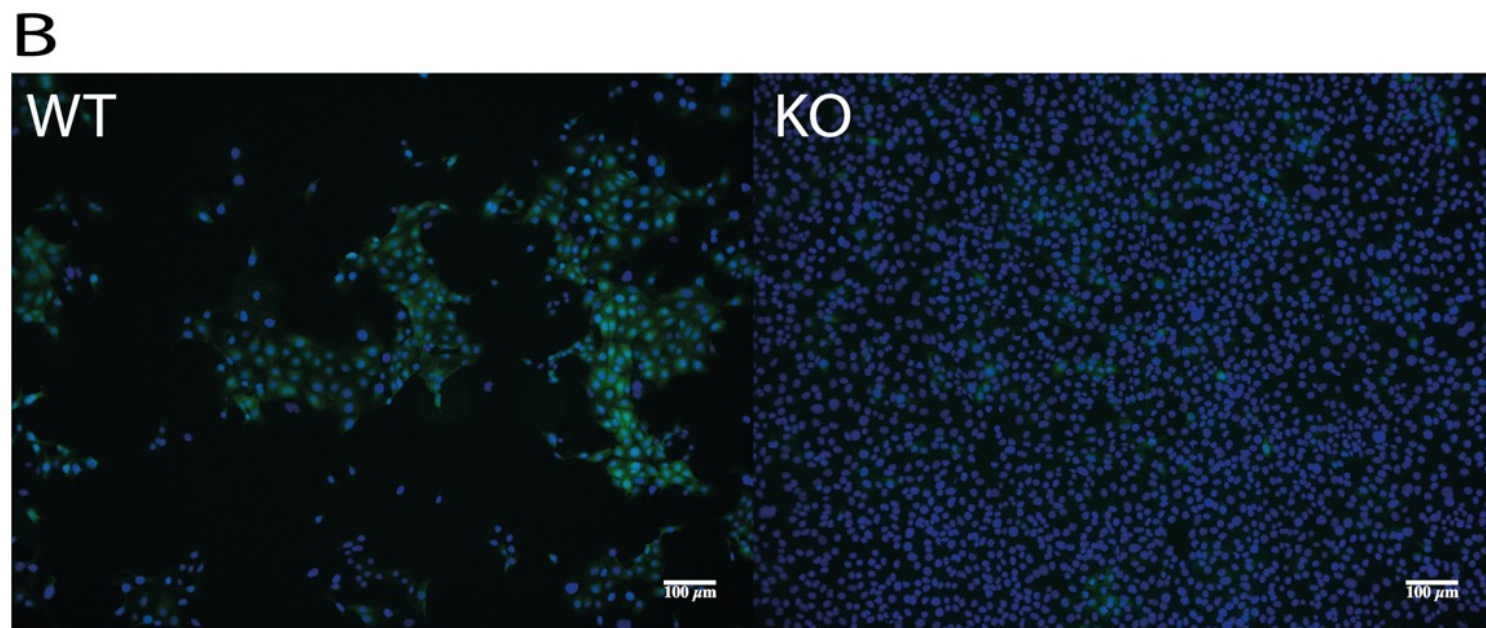
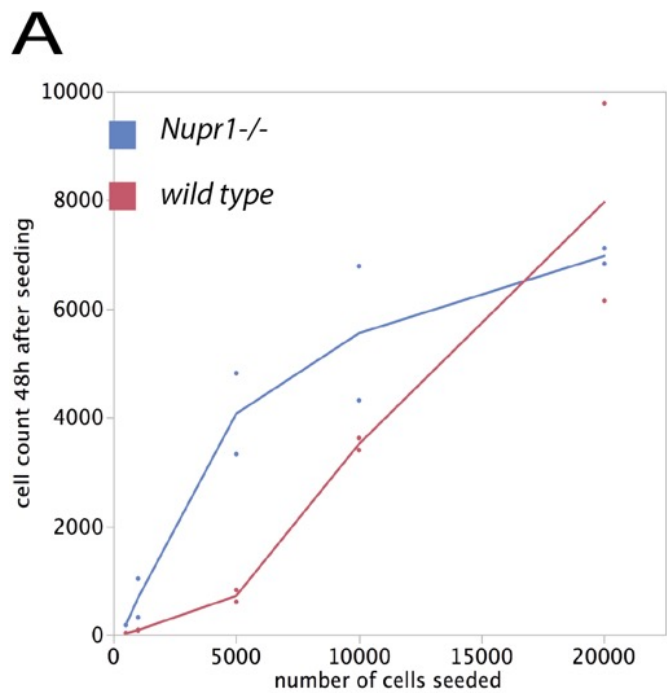


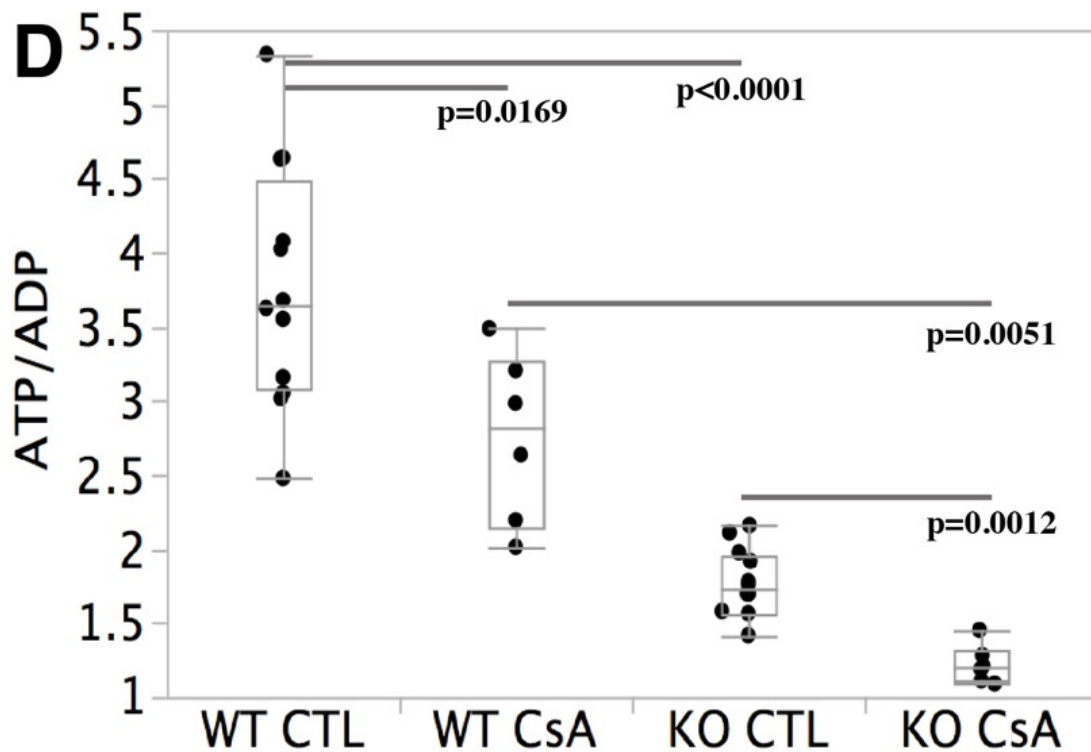
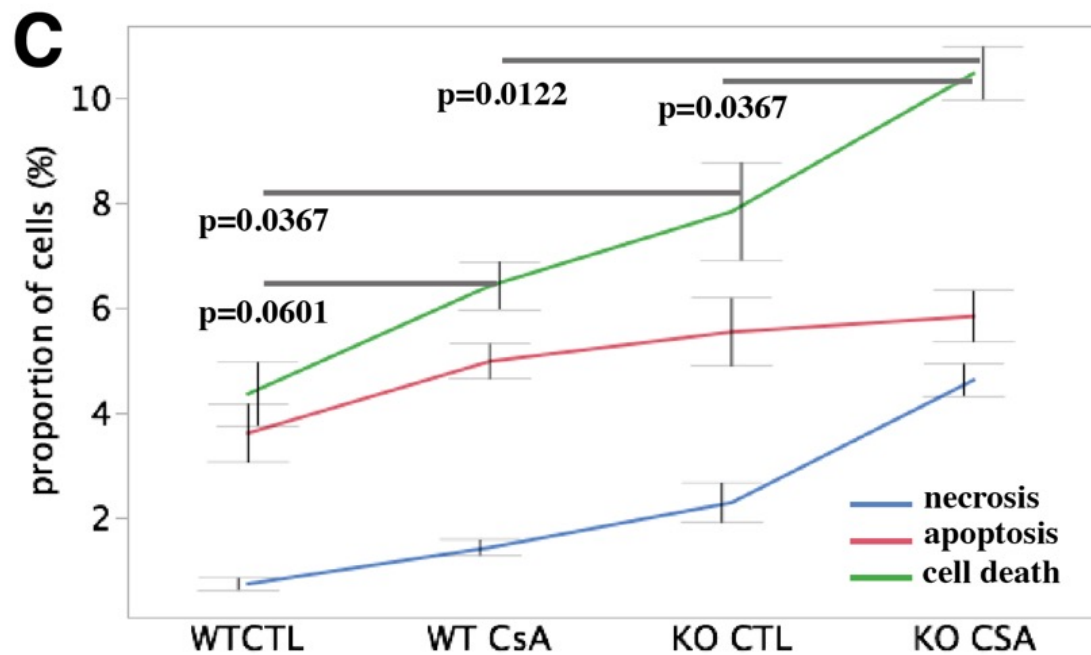
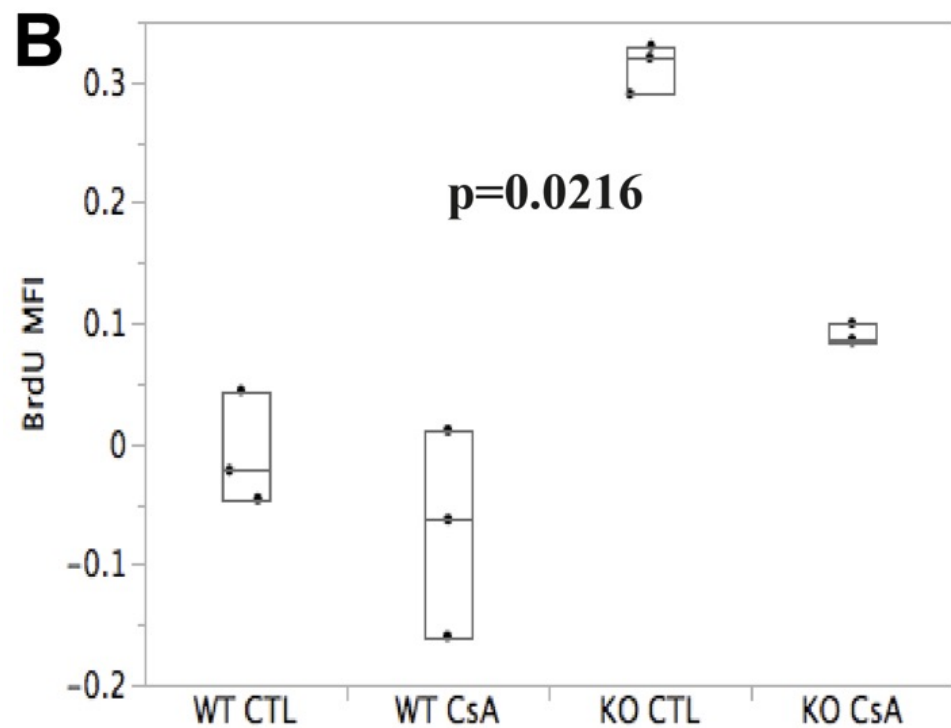
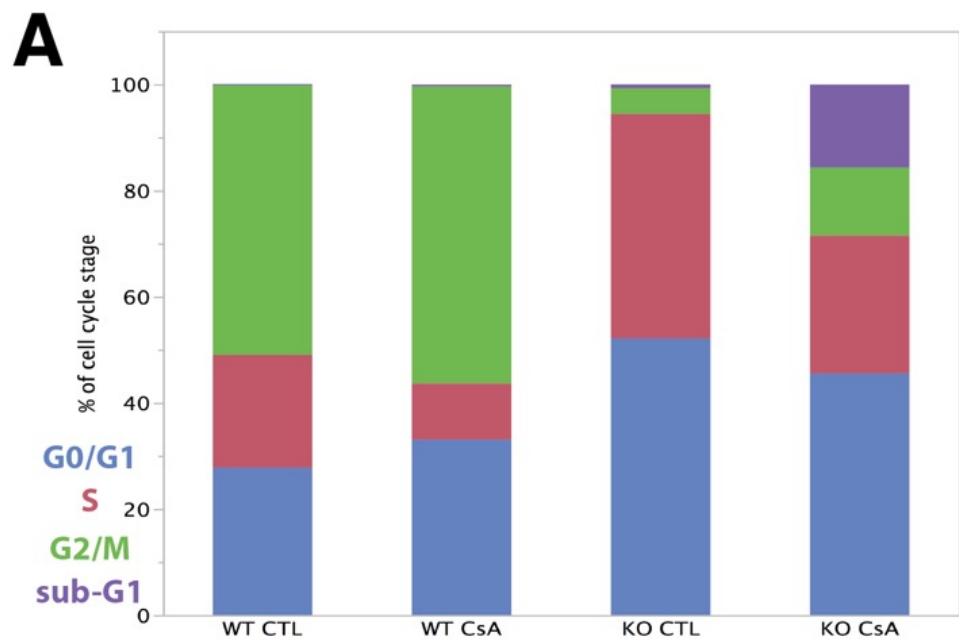
| D | KEGG pathway | Number of genes | Odds ratio | P-value | False discovery rate |
|---|--|-----------------|------------|------------------------|------------------------|
| | red: genes overexpressed blue: genes underexpressed | | | | |
| | Ribosome | 66 | 47 | 6.97×10^{-18} | 1.44×10^{-15} |
| | Protein processing in endoplasmic reticulum | 140 | 10 | 2.86×10^{-09} | 2.96×10^{-07} |
| | Protein export | 21 | 46 | 7.29×10^{-09} | 5.03×10^{-07} |
| | Peroxisome | 68 | 8 | 2.2×10^{-04} | 9.13×10^{-03} |
| | Terpenoid backbone synthesis | 12 | 26 | 4.12×10^{-04} | 1.22×10^{-02} |

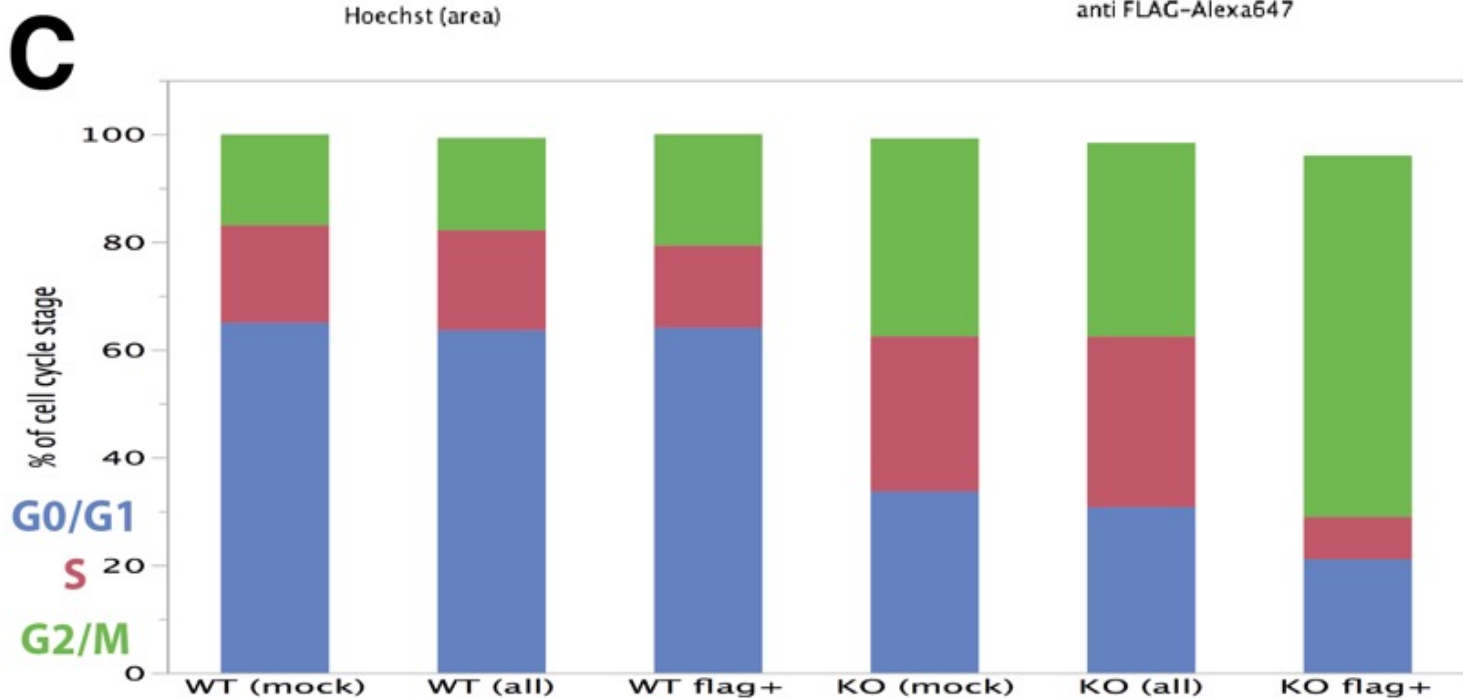
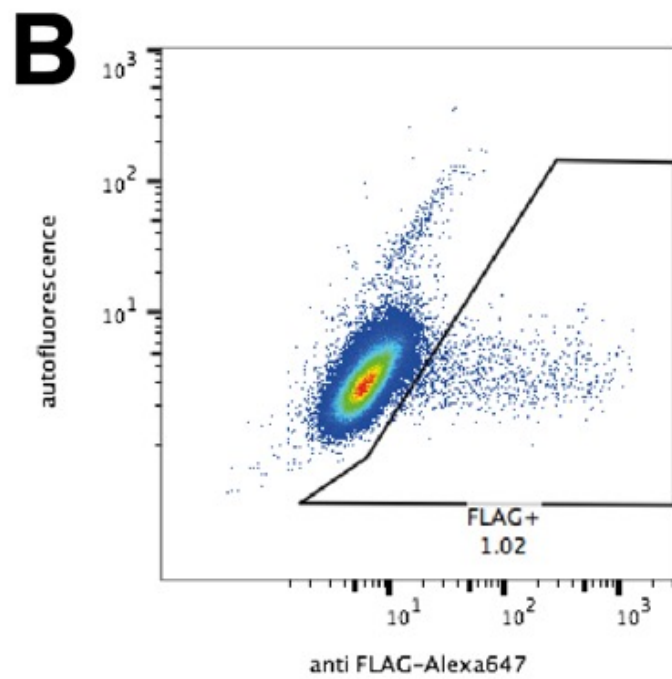
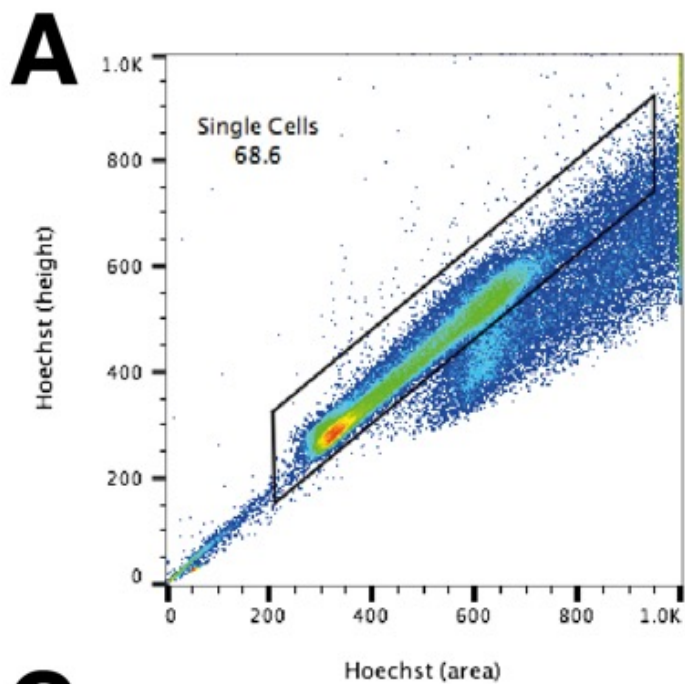
A**CsA****B****C**

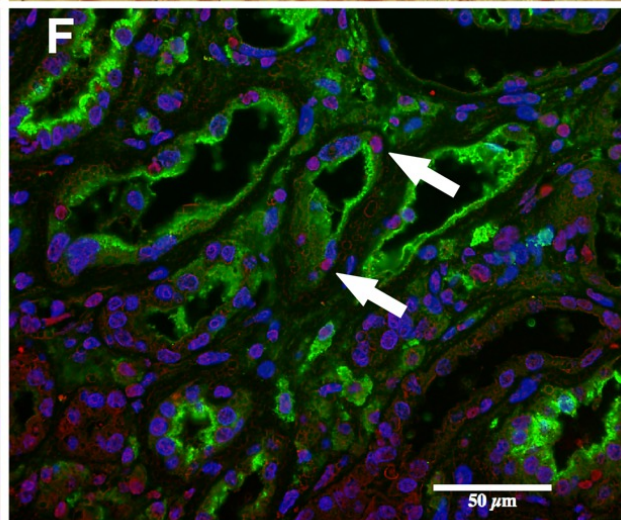
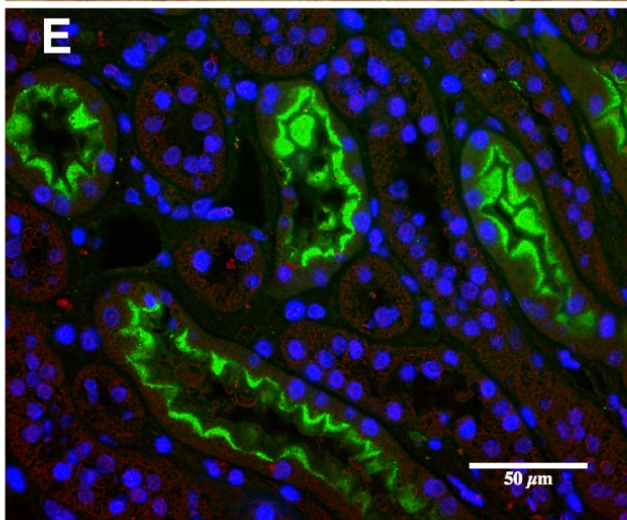
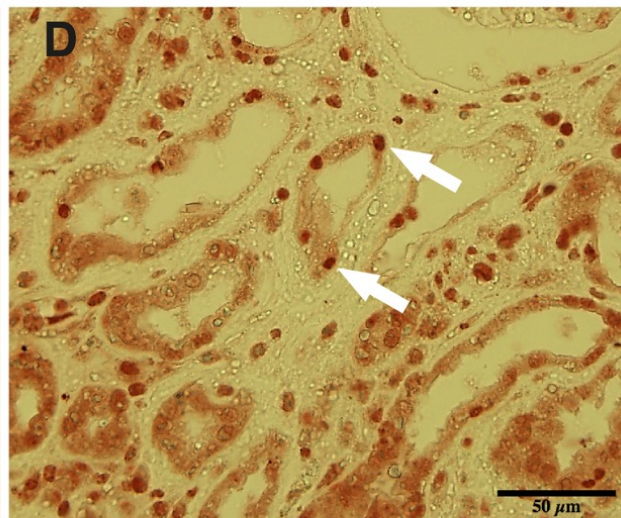
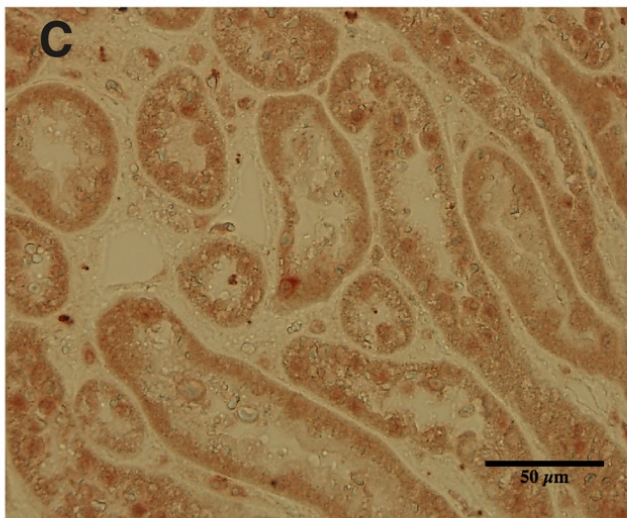
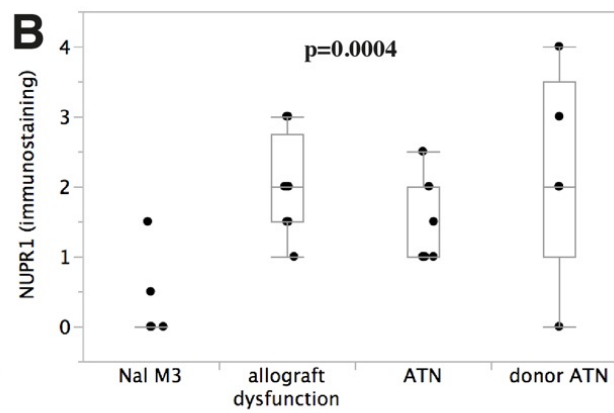
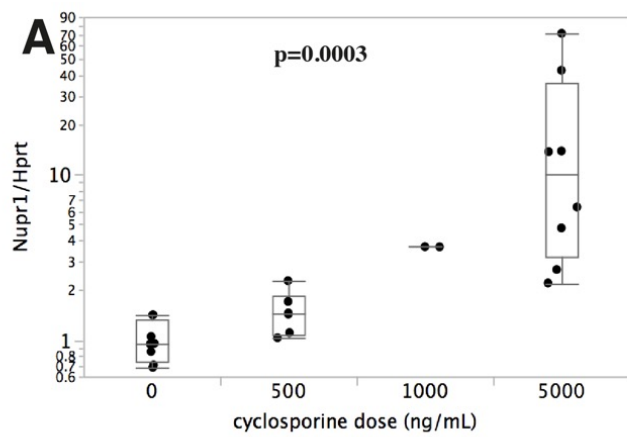


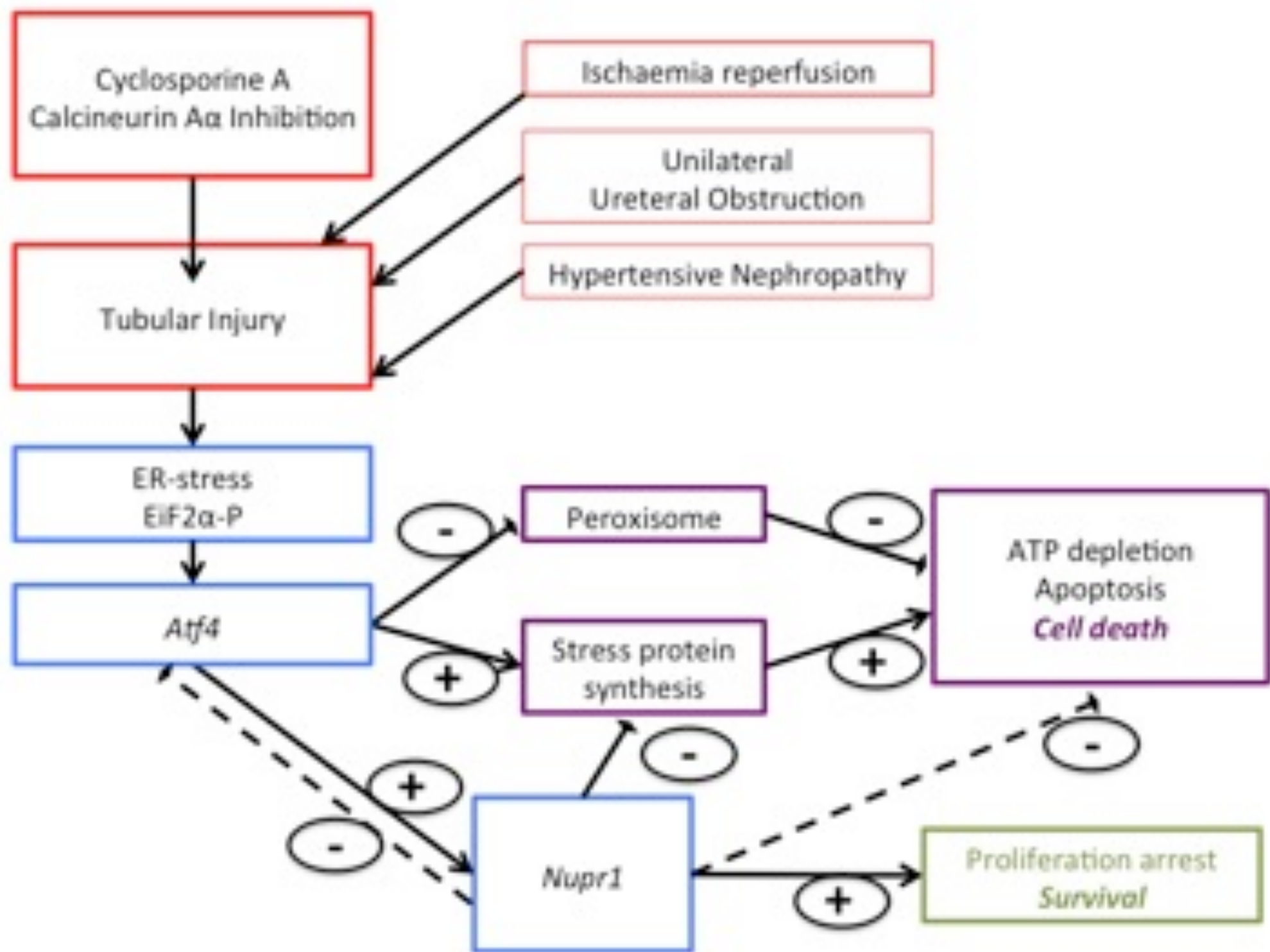












MATERIAL AND METHODS

Animals. Animals were housed in standard conditions in the specific pathogen-free animal facility of Inserm UMR_S 1155, in ventilated boxes with a 12/12 photoperiod, at a 20-24°C temperature with a 55+/-10% humidity. Food and water were available *ad libitum*. We used a standard murine model of *in vivo* renal toxicity with daily subcutaneous injections of cyclosporin combined with a low-salt diet started one week before the first cyclosporin injection (Safe, 0.025% Na) ¹. For rat studies (5 rats per group), cyclosporin was injected at the dose of 15 mg/kg/day for 2 weeks, and rats injected with its vehicle (ricin oil) served as control. For mice studies, WT and *Nupr1*-deficient c57bl6/J mice were given 0, 30, 50, 60, 75 or 100 mg/kg/day subcutaneous cyclosporin for 2 weeks to assess the optimal nephrotoxic dose. Olive oil, the cyclosporin vehicle for mice, served as control. JL Iovanna created the *Nupr1*^{-/-} mouse strain ².

Renal haemodynamics experiments were performed on male *Nupr1*^{-/-} and WT mice. Animal surgery and renal blood flow (RBF) measurements were performed after anaesthesia by pentobarbital sodium (50–60 mg/kg body weight intraperitoneal, Nembutal, Abbott, Chicago, IL); they were placed on a servo-controlled table kept at 37°C, with trachea cannulated to facilitate respiration. The left femoral artery was catheterised to measure arterial pressure, and a femoral venous catheter was used for infusion.

Arterial pressure was measured by a pressure transducer (Statham P23 DB), and RBF by a flowmeter (0.5-v probe, Transonic Systems TS420, Ithaca, NY). RBF values were controlled for zero offset, determined at the end of an experiment after cardiac arrest. Data were recorded, stored and analysed with DataTranslation analogue-to-digital converter and IOX software (EMKA Technologies, Paris France). Experiments were planned for a total of 8 *Nupr1*^{-/-} and 8 WT mice (4 CsA-treated mice and 4 control each), but 1 mouse died in each of the WT CTL, WT CsA, and KO CsA groups during the catheterisation procedure, and 1 WT

CTL, 1 KO CTL and 2 KO CsA had early renal artery bifurcation that prevented measurement of renal blood flow.

Hypertension model: Hypertension was induced in c57bl6/J male mice by two protocols. In both protocols, animals were infused subcutaneously either with vehicle (NaCl 0.9%) (control animals) or angiotensin II (1µg/kg/min) (hypertensive animals) via osmotic minipumps during 28 days. NaCl 6g/L was added to drinking water for control and hypertensive animals during the first week. Hypertensive animals also received L-Nitro-Arginine-Methyl-Ester (L-NAME) in drinking water: 50mg/kg/j for 8 days and then 10mg/kg/j for 10 days during the first protocol, and 10mg/kg/j for 20 days during the second protocol. Animals developed severe hypertension (mean systolic blood pressure 159±21 mmHg) and severe renal lesions (arteriosclerosis, glomerulosclerosis, tubulointerstitial fibrosis) in the first protocol whereas hypertension (mean systolic blood pressure 146±21 mmHg) and renal lesions were moderate in the second protocol.

Ischaemia reperfusion injury: a bilateral posterior subcostal incision was made in male c57bl6/J mice, and the renal pedicle was dissected and occluded with a small vascular clamp. After 35 min, the clamp was removed. Animals were killed and the kidneys were harvested after 2 days. The surgery and the sacrifice were performed under general anesthesia (250 mg/kg body wt, Avertine, Sigma).

Ureteral unilateral obstruction: c57bl6/J male mice underwent left ureteral ligation under general anesthesia and were sacrificed ten days later. Right unobstructed kidney was used as control. Tubular dilatation, loss of brush border, interstitial inflammation and fibrosis were observed after ureteral obstruction.³

Animals were sacrificed at the end of each protocol by exsanguination under general anaesthesia (pentobarbital for rats and ketamine-xylazine for mice). Blood and kidneys were harvested.

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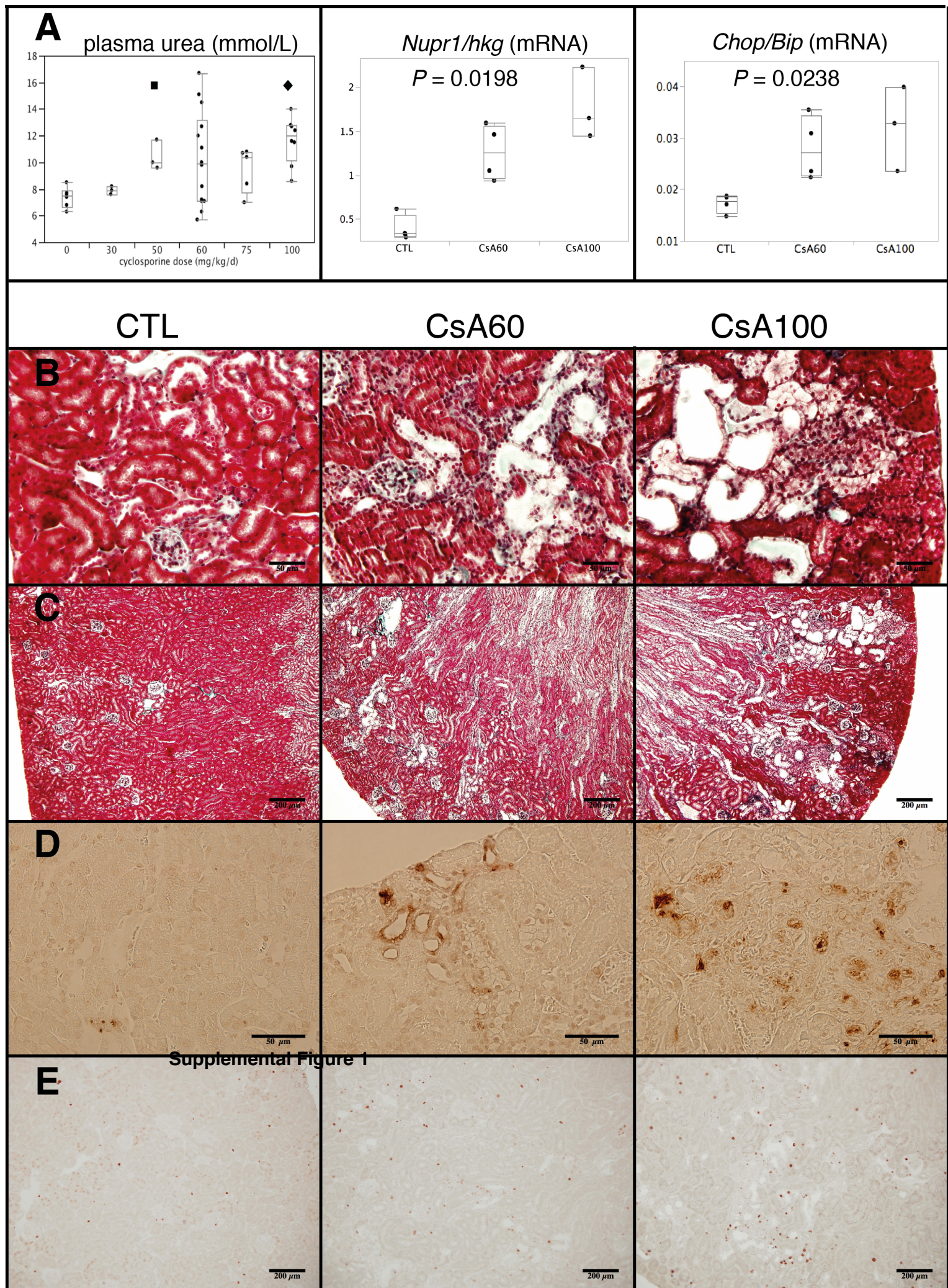
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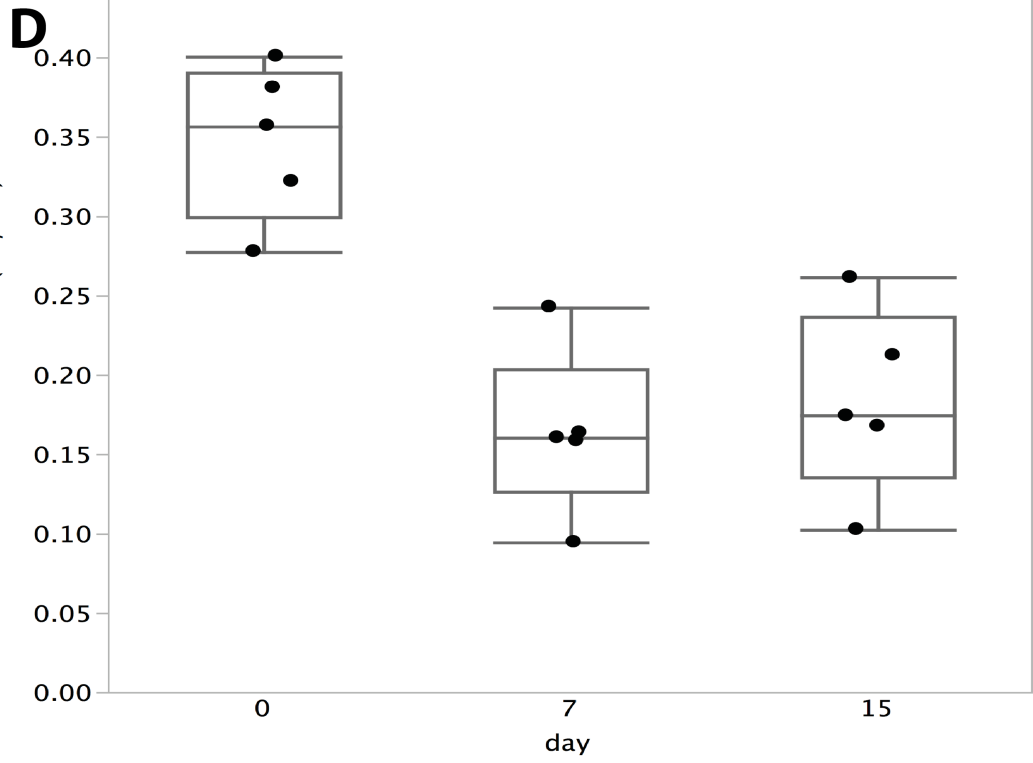
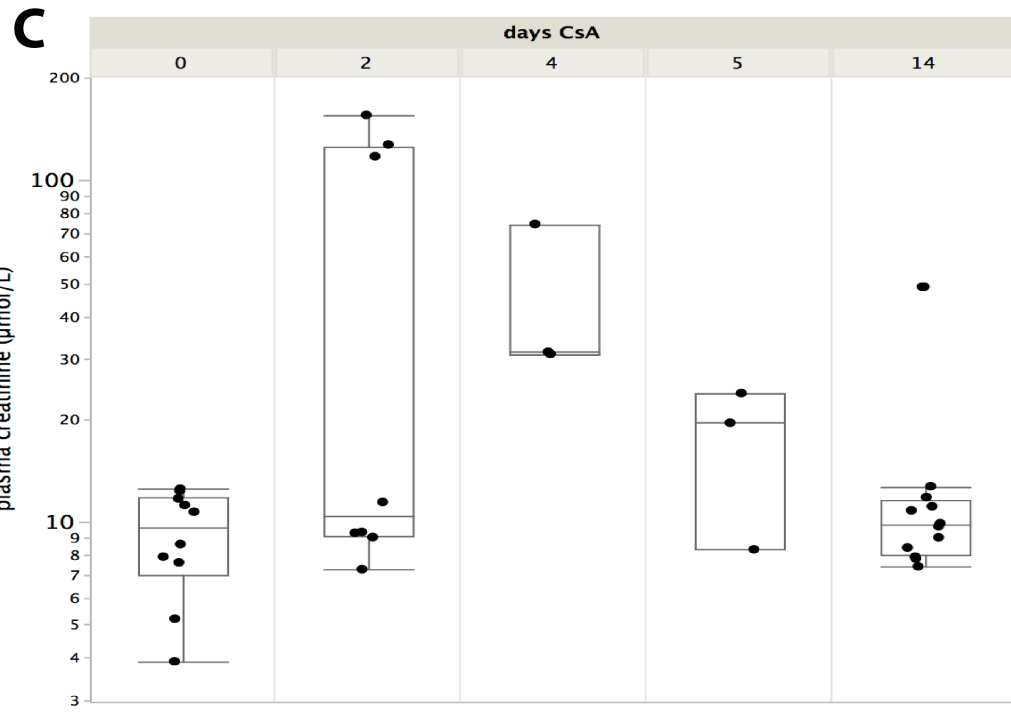
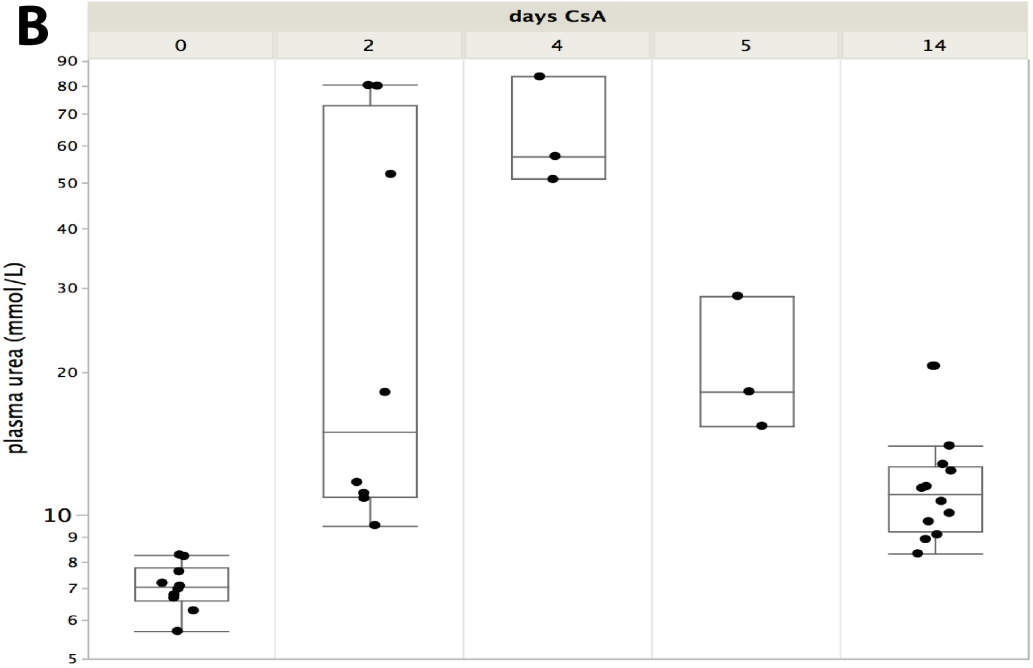
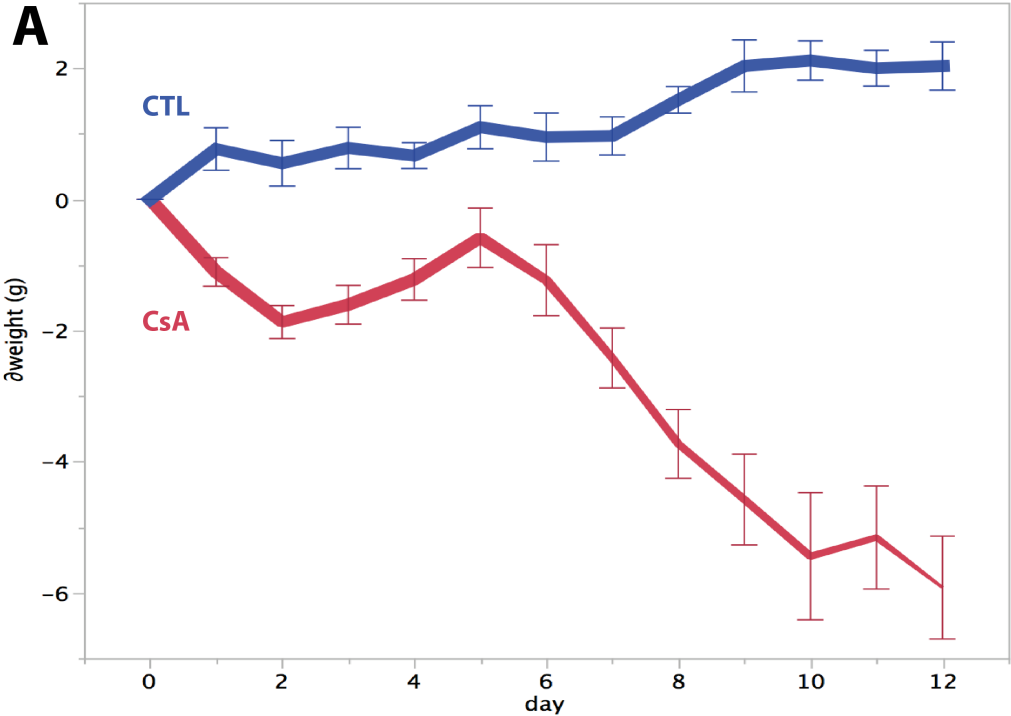
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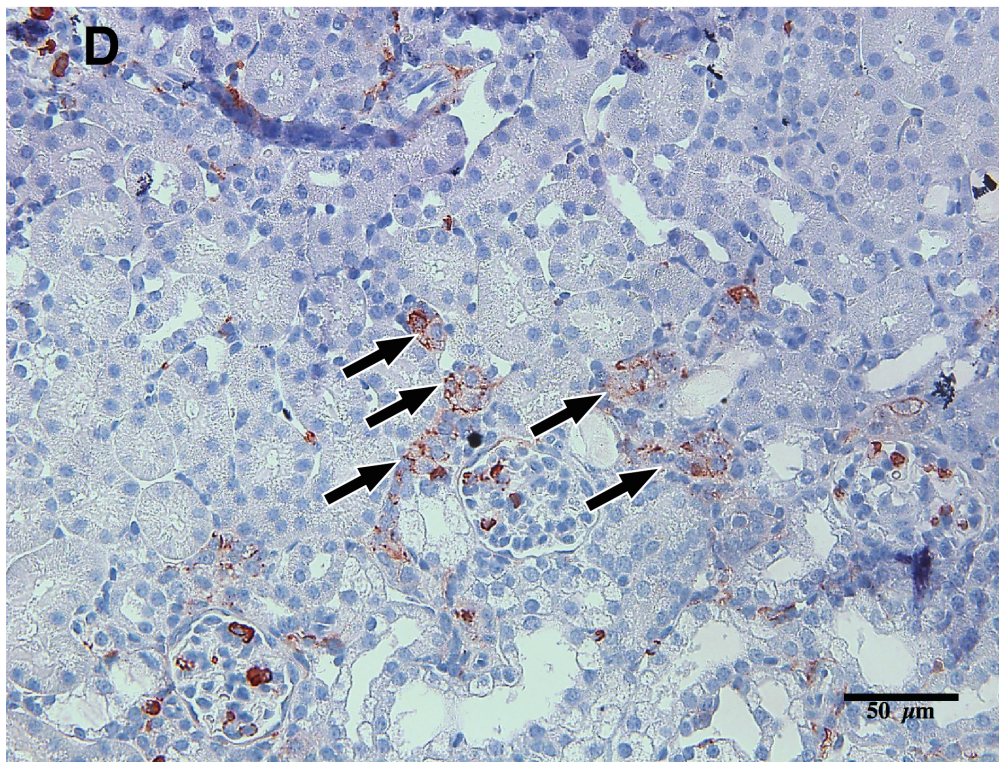
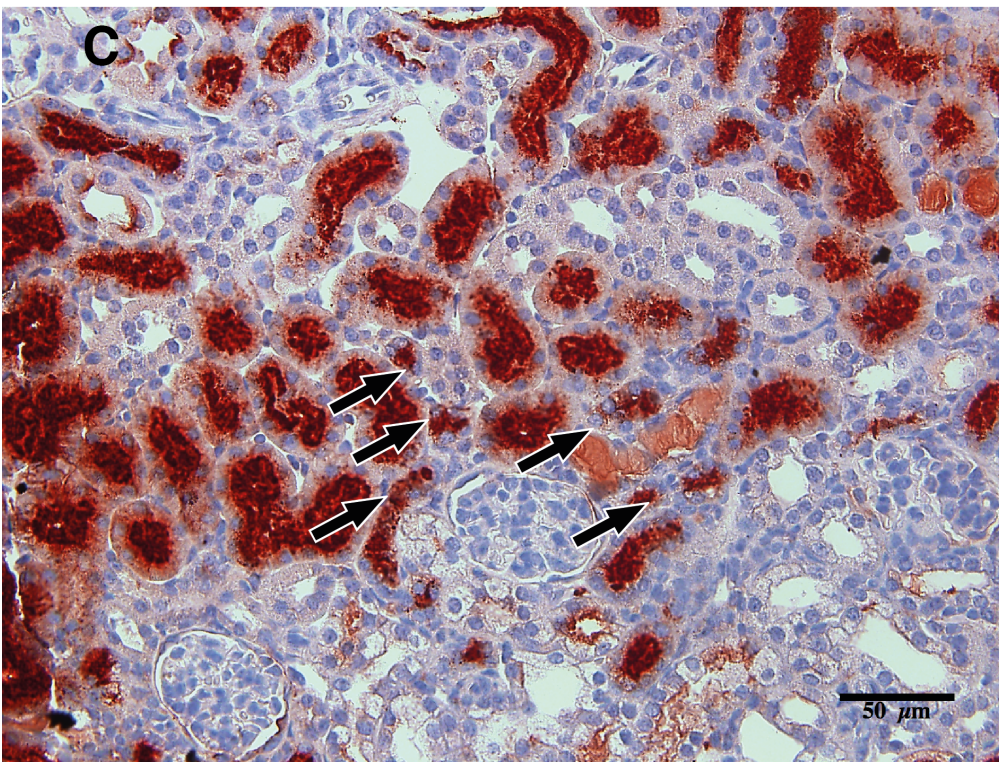
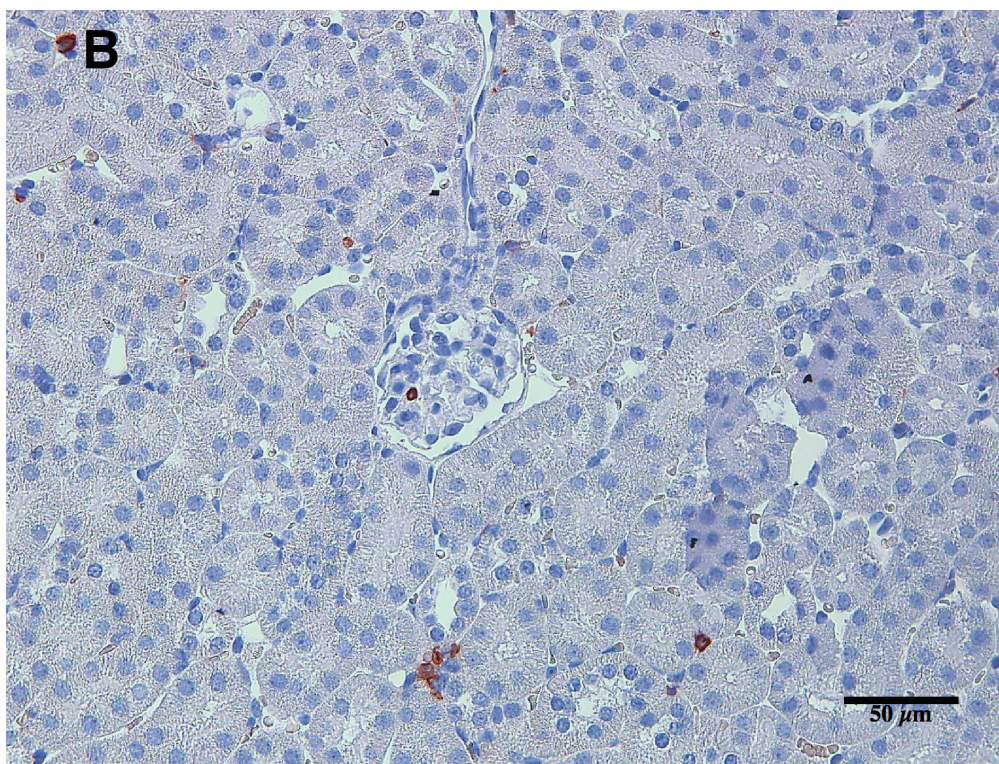
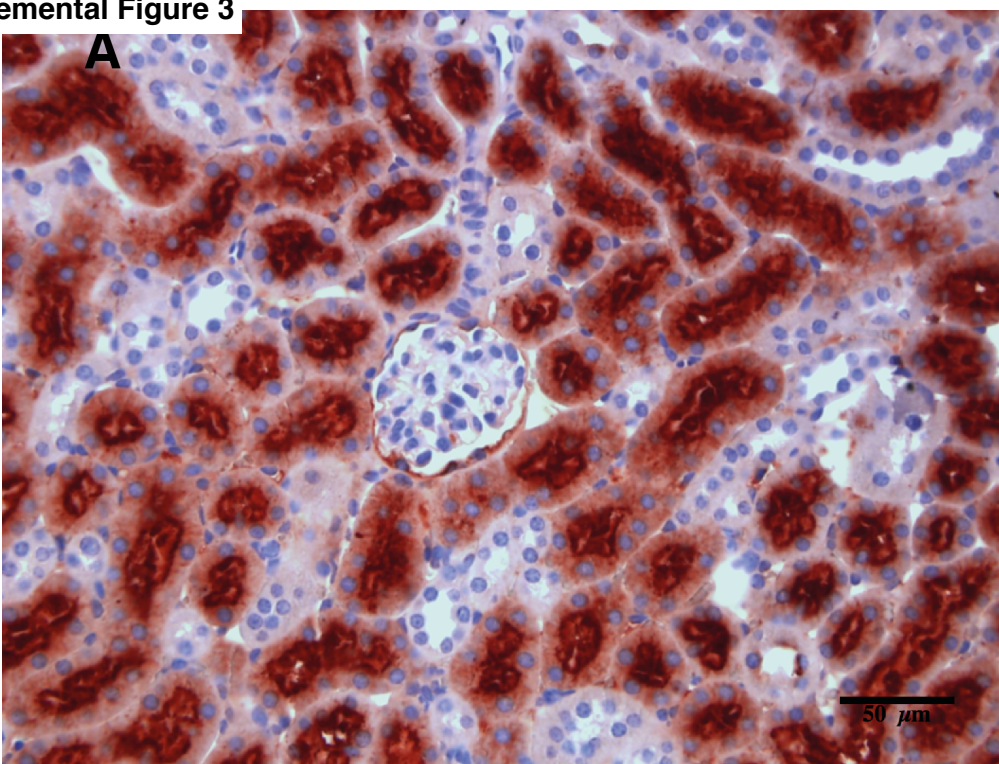
Supplemental Figure 1



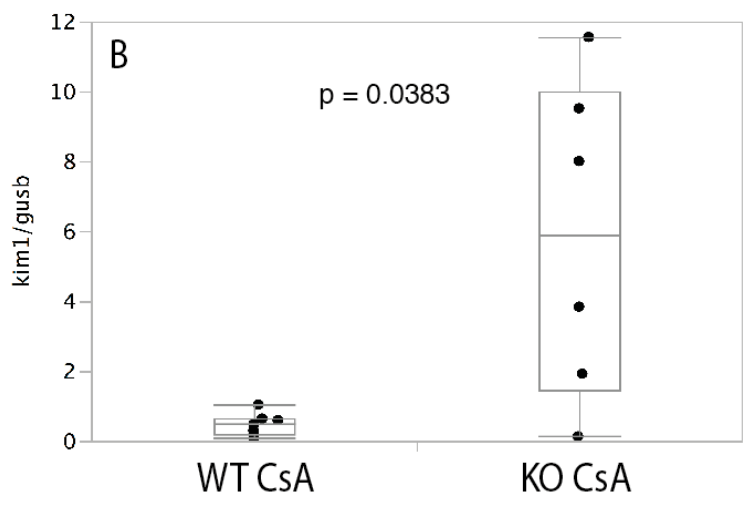
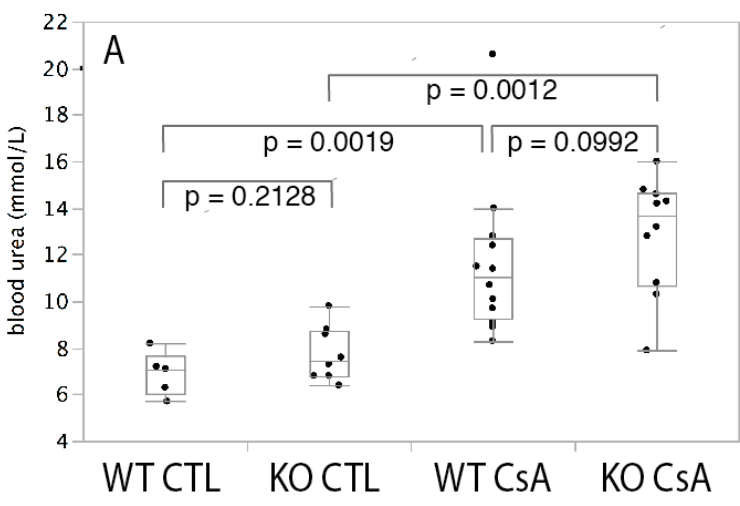
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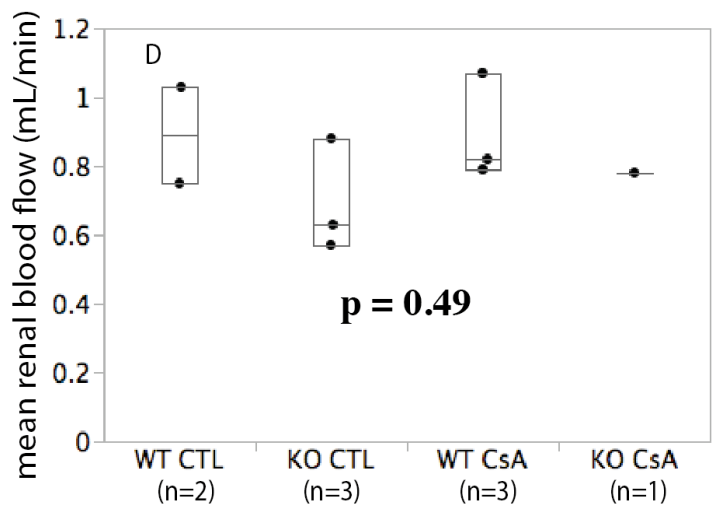
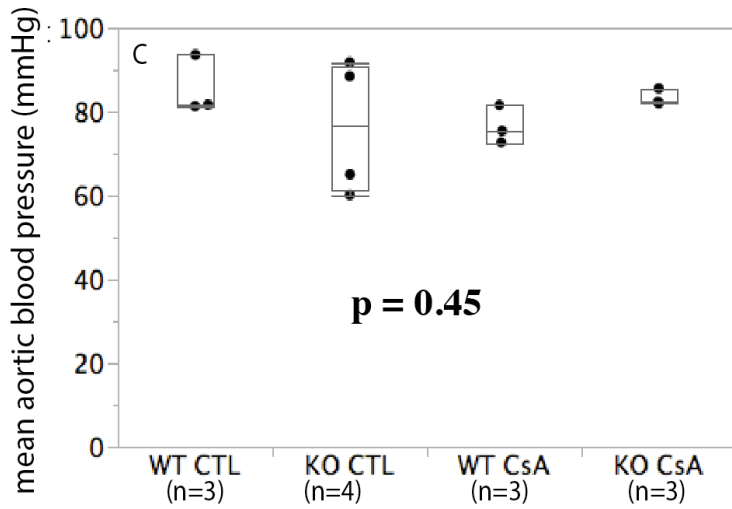
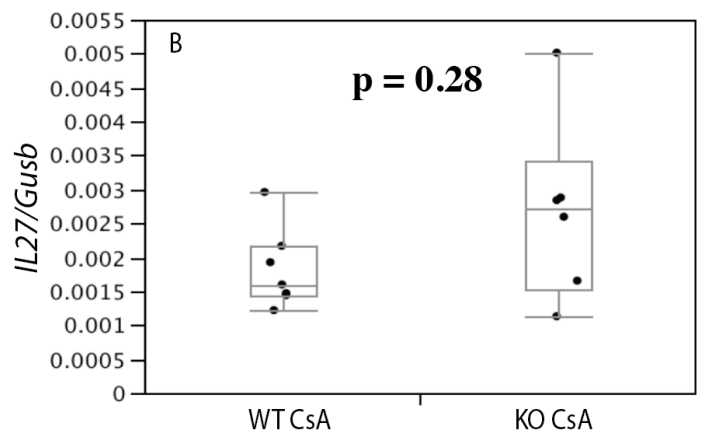
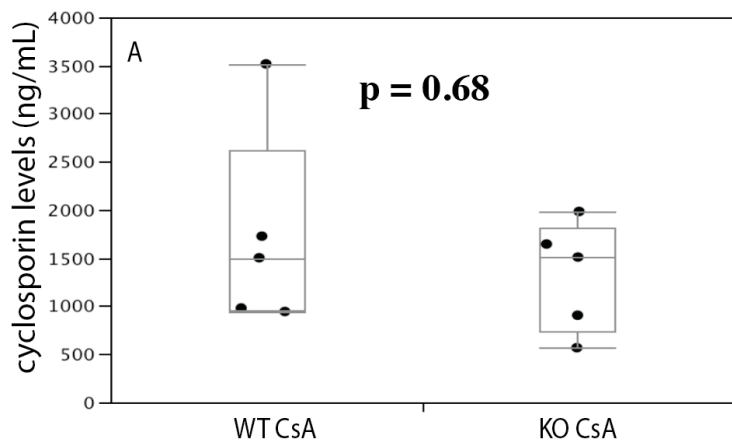


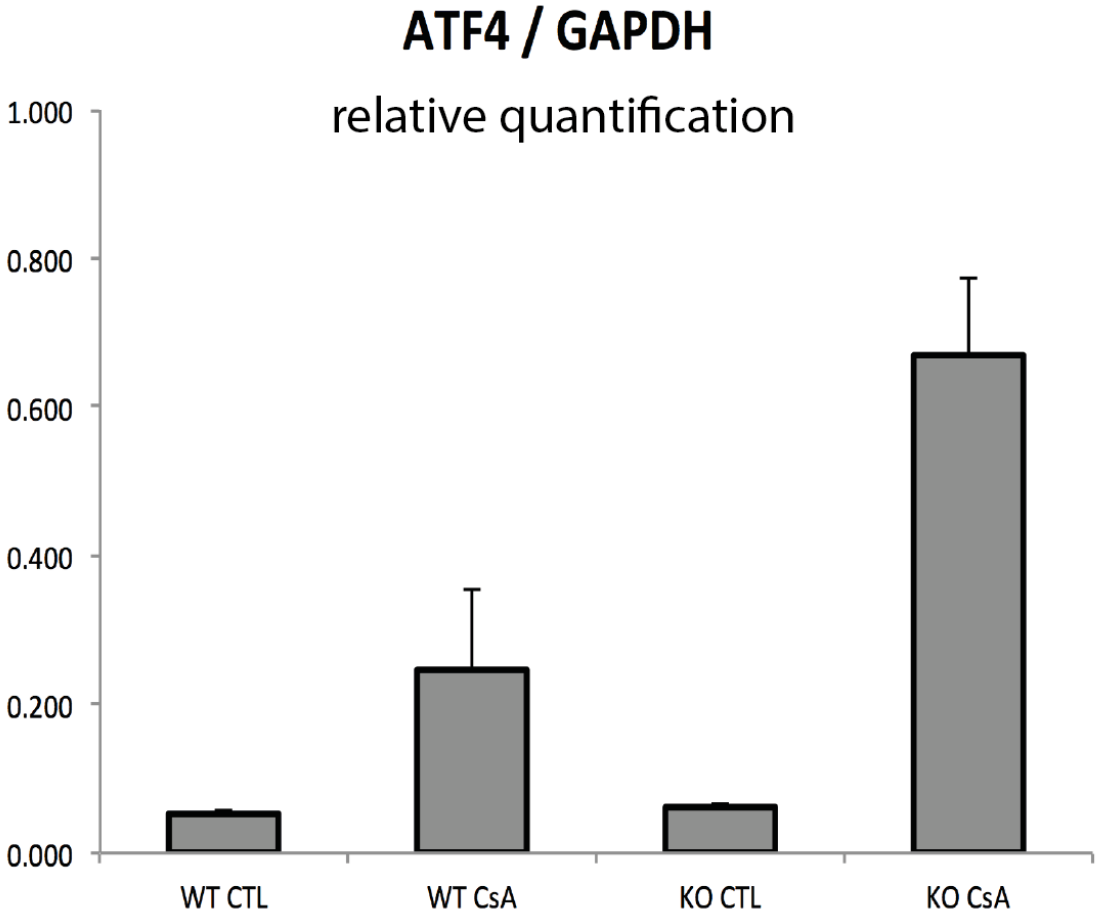
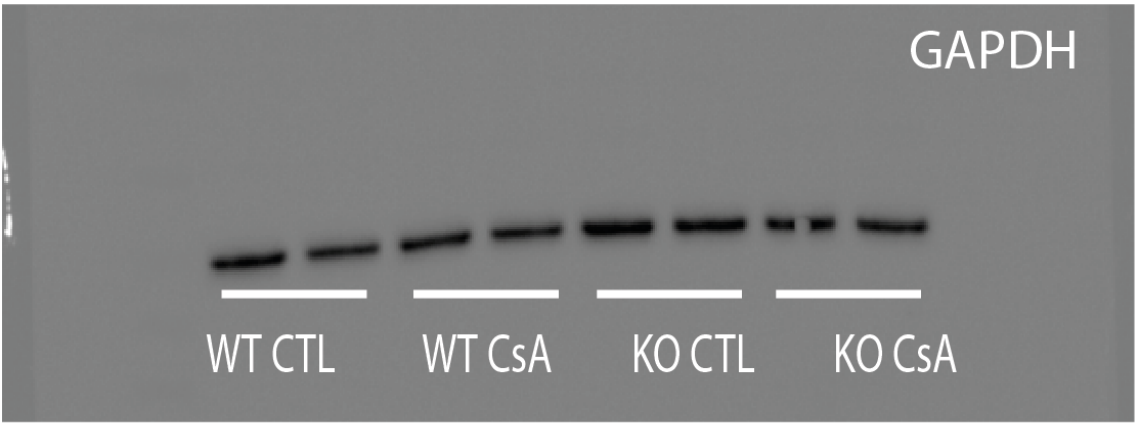
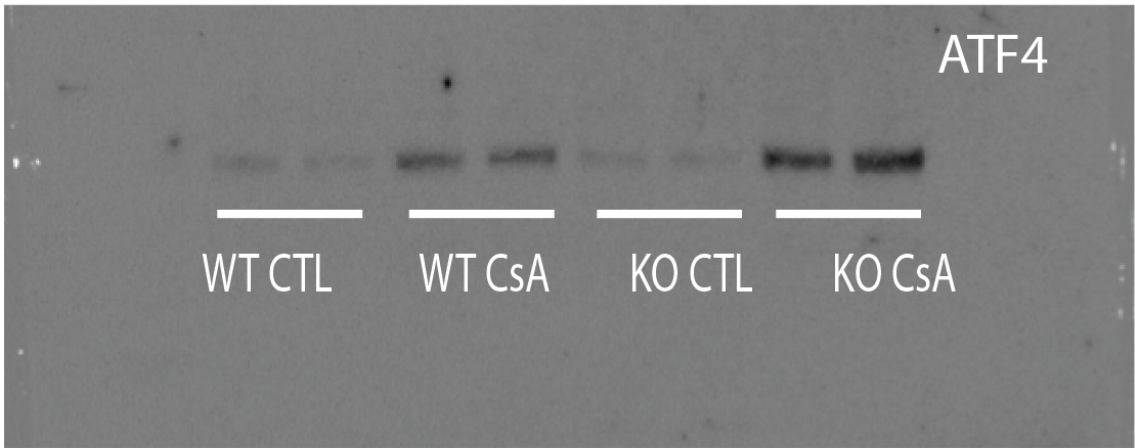
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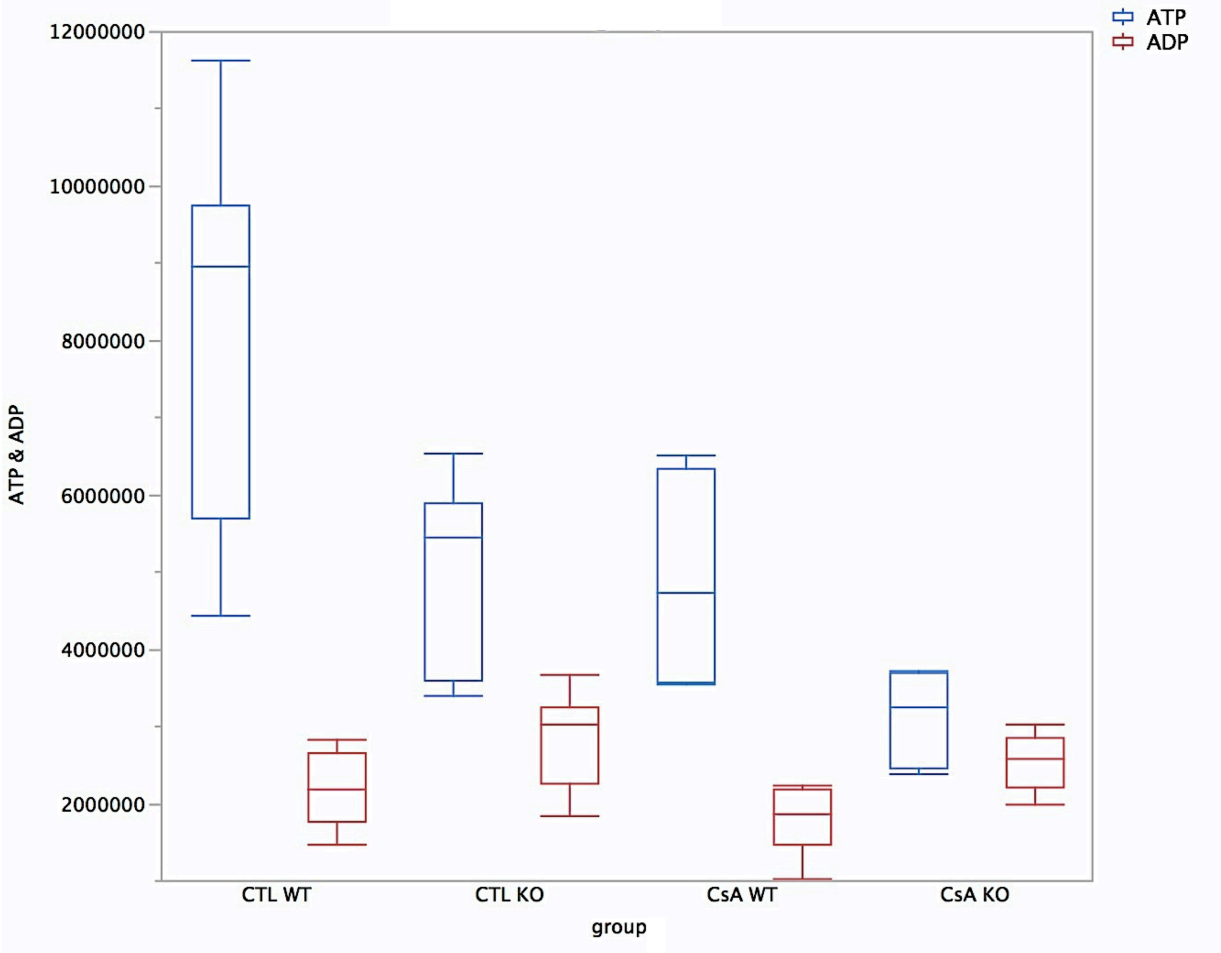
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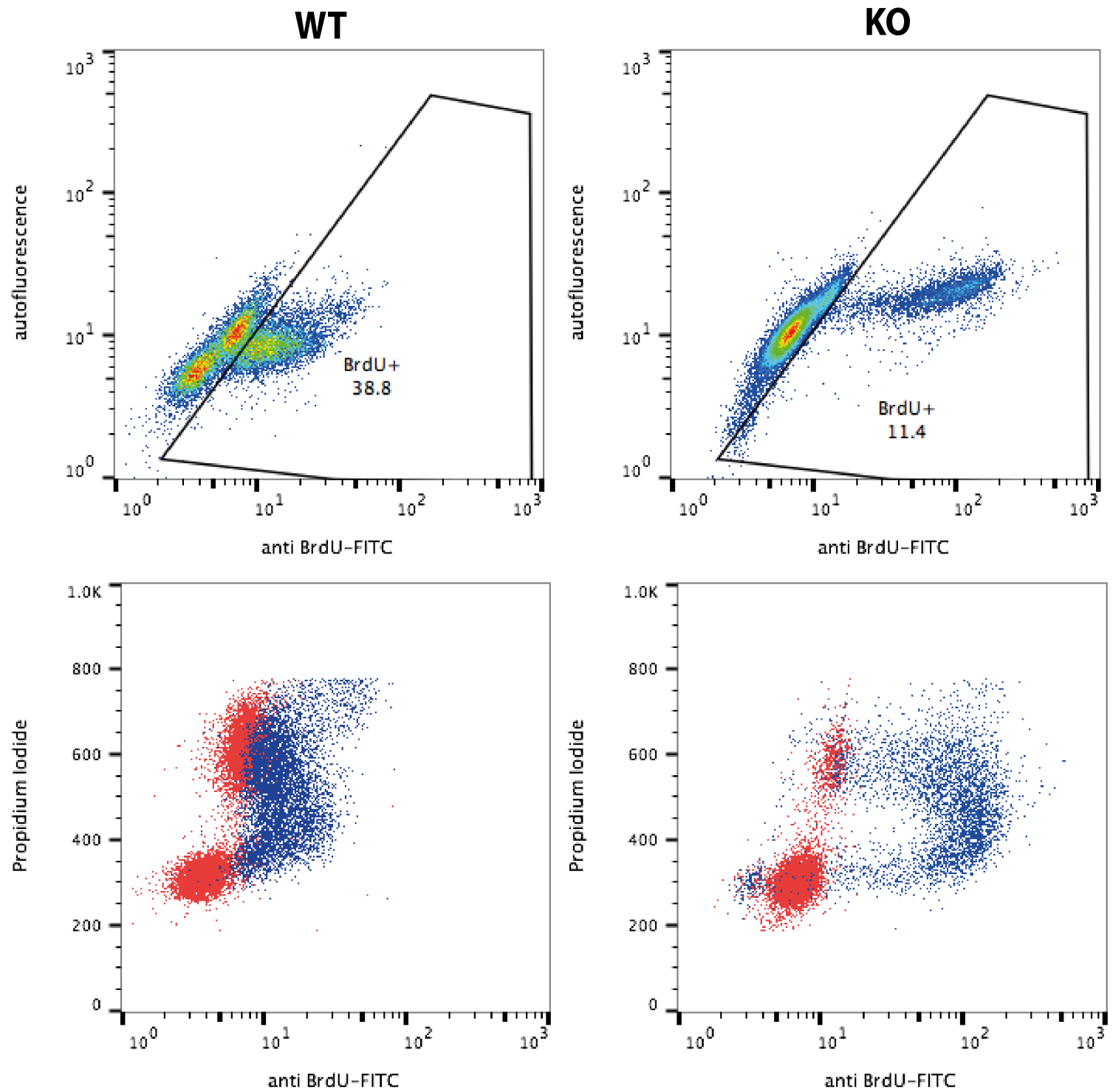




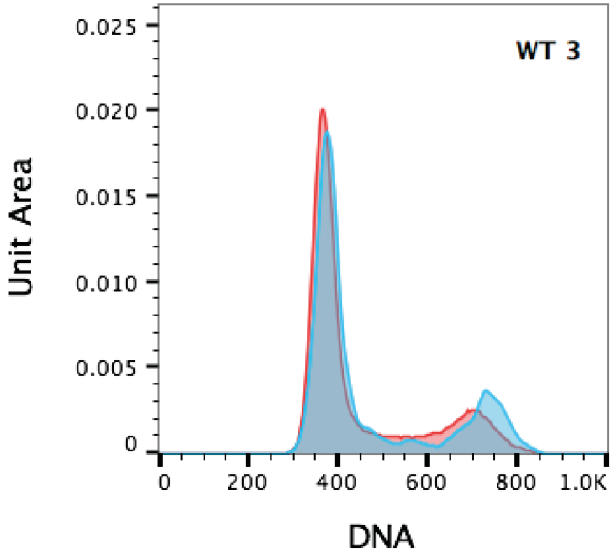
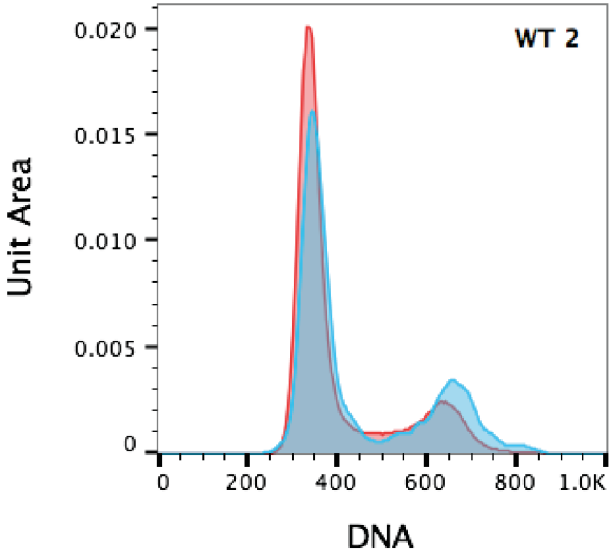
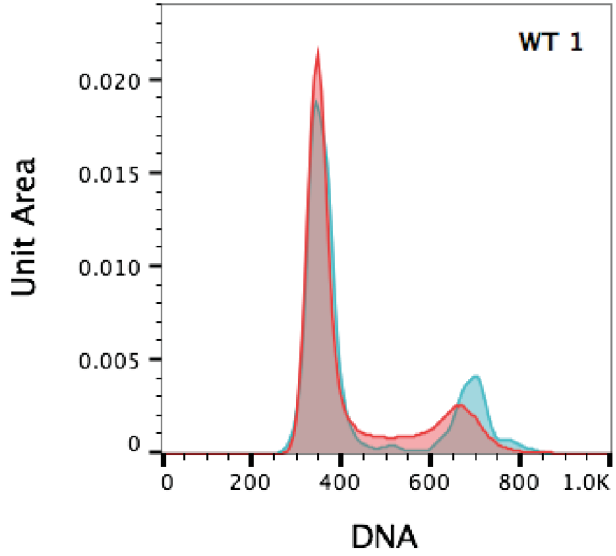
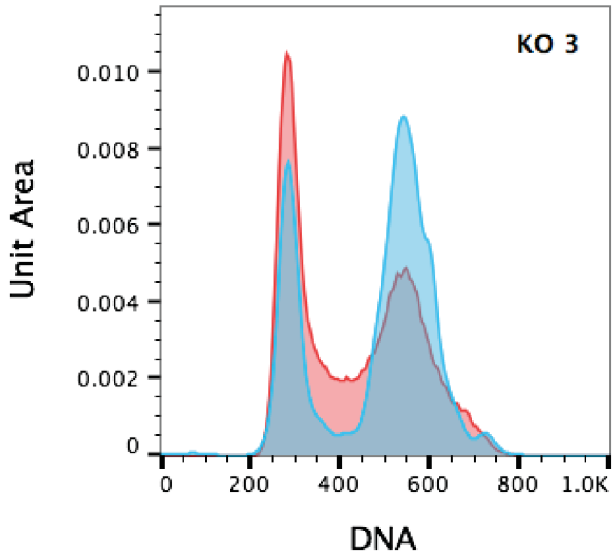
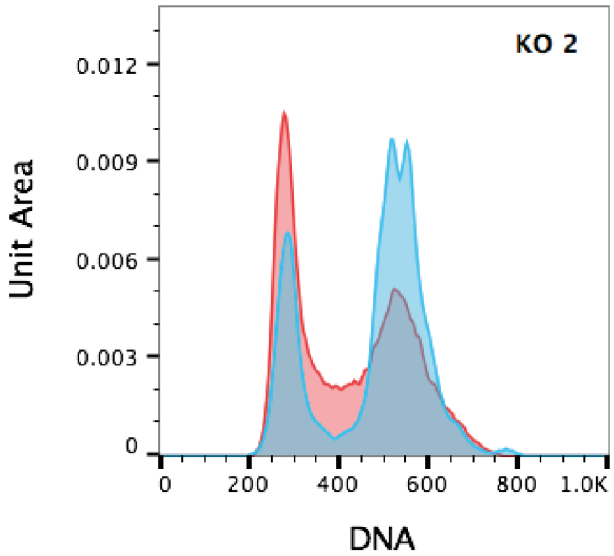
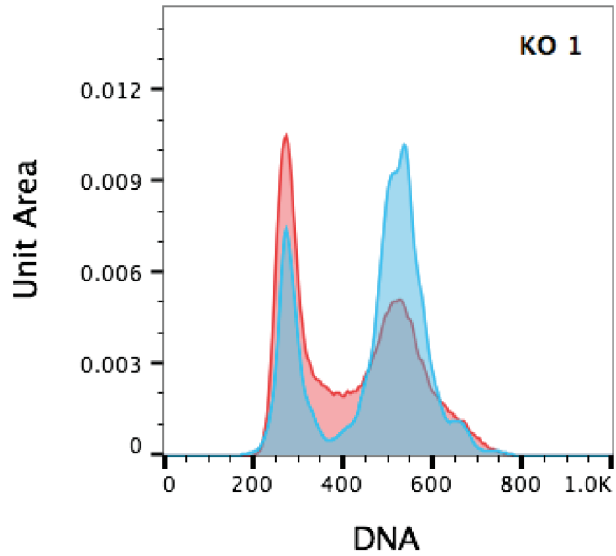
Supplemental Figure 7



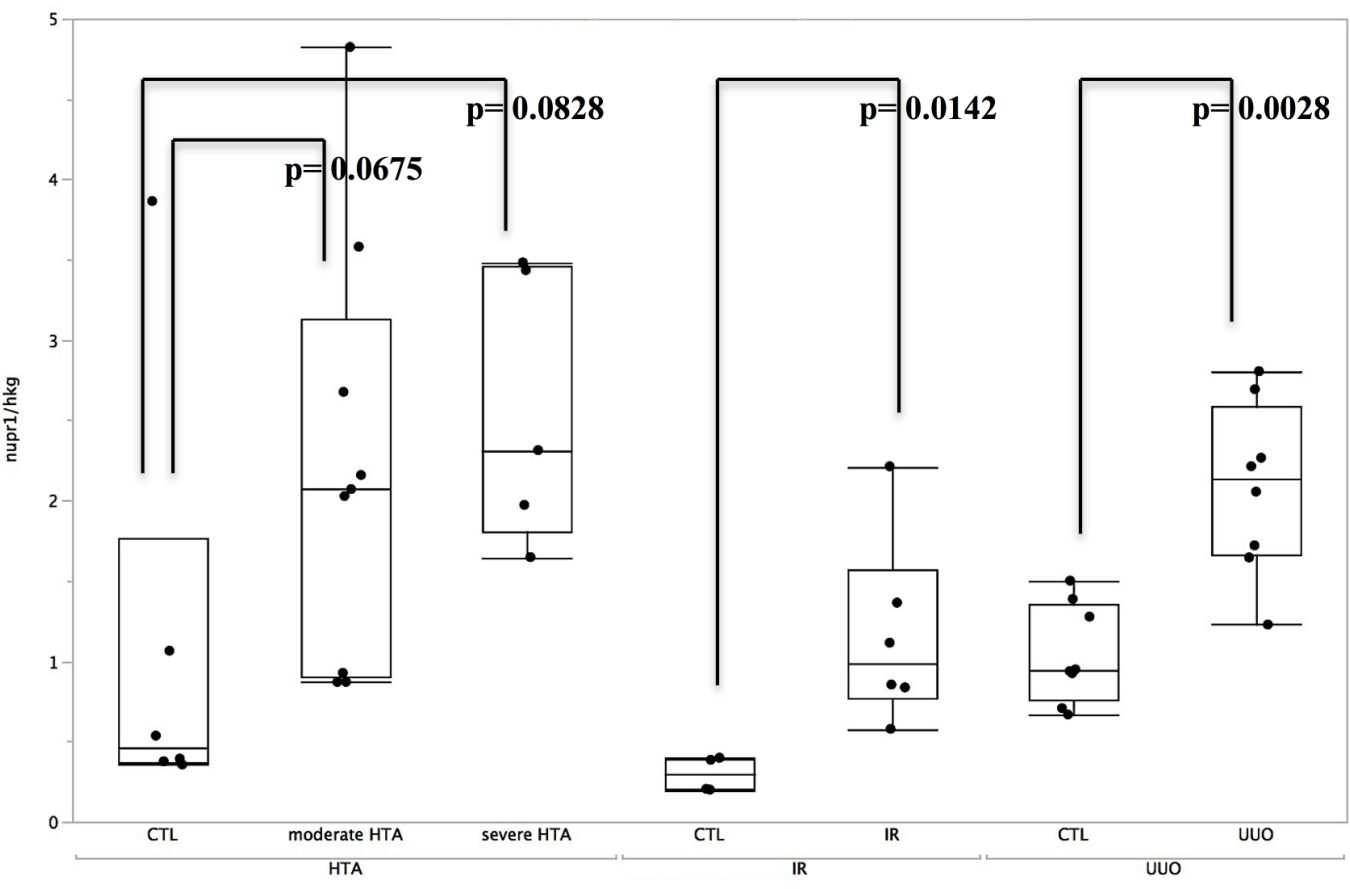
Supplemental Figure 8



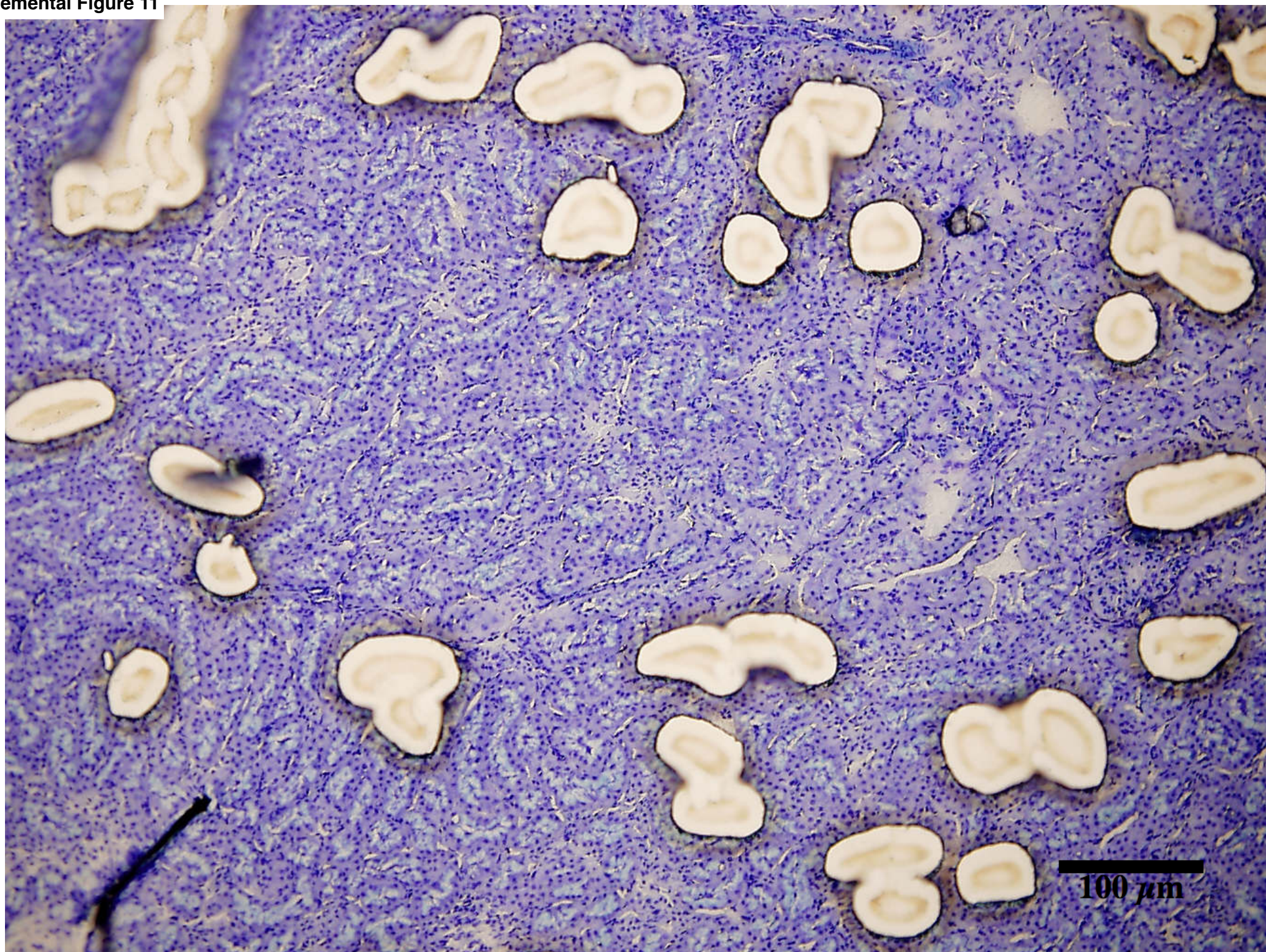
Supplemental Figure 9



Supplemental Figure 10



Supplemental Figure 11



MATERIAL AND METHODS

Animals. Animals were housed in standard conditions in the specific pathogen-free animal facility of Inserm UMR_S 1155, in ventilated boxes with a 12/12 photoperiod, at a 20-24°C temperature with a 55+/-10% humidity. Food and water were available *ad libitum*. We used a standard murine model of *in vivo* renal toxicity with daily subcutaneous injections of cyclosporin combined with a low-salt diet started one week before the first cyclosporin injection (Safe, 0.025% Na) ¹. For rat studies (5 rats per group), cyclosporin was injected at the dose of 15 mg/kg/day for 2 weeks, and rats injected with its vehicle (ricin oil) served as control. For mice studies, WT and *Nupr1*-deficient c57bl6/J mice were given 0, 30, 50, 60, 75 or 100 mg/kg/day subcutaneous cyclosporin for 2 weeks to assess the optimal nephrotoxic dose. Olive oil, the cyclosporin vehicle for mice, served as control. JL Iovanna created the *Nupr1*^{-/-} mouse strain ².

Renal haemodynamics experiments were performed on male *Nupr1*^{-/-} and WT mice. Animal surgery and renal blood flow (RBF) measurements were performed after anaesthesia by pentobarbital sodium (50–60 mg/kg body weight intraperitoneal, Nembutal, Abbott, Chicago, IL); they were placed on a servo-controlled table kept at 37°C, with trachea cannulated to facilitate respiration. The left femoral artery was catheterised to measure arterial pressure, and a femoral venous catheter was used for infusion.

Arterial pressure was measured by a pressure transducer (Statham P23 DB), and RBF by a flowmeter (0.5-v probe, Transonic Systems TS420, Ithaca, NY). RBF values were controlled for zero offset, determined at the end of an experiment after cardiac arrest. Data were recorded, stored and analysed with DataTranslation analogue-to-digital converter and IOX software (EMKA Technologies, Paris France). Experiments were planned for a total of 8 *Nupr1*^{-/-} and 8 WT mice (4 CsA-treated mice and 4 control each), but 1 mouse died in each of the WT CTL, WT CsA, and KO CsA groups during the catheterisation procedure, and 1 WT

CTL, 1 KO CTL and 2 KO CsA had early renal artery bifurcation that prevented measurement of renal blood flow.

Hypertension model: Hypertension was induced in c57bl6/J male mice by two protocols. In both protocols, animals were infused subcutaneously either with vehicle (NaCl 0.9%) (control animals) or angiotensin II (1µg/kg/min) (hypertensive animals) via osmotic minipumps during 28 days. NaCl 6g/L was added to drinking water for control and hypertensive animals during the first week. Hypertensive animals also received L-Nitro-Arginine-Methyl-Ester (L-NAME) in drinking water: 50mg/kg/j for 8 days and then 10mg/kg/j for 10 days during the first protocol, and 10mg/kg/j for 20 days during the second protocol. Animals developed severe hypertension (mean systolic blood pressure 159±21 mmHg) and severe renal lesions (arteriosclerosis, glomerulosclerosis, tubulointerstitial fibrosis) in the first protocol whereas hypertension (mean systolic blood pressure 146±21 mmHg) and renal lesions were moderate in the second protocol.

Ischaemia reperfusion injury: a bilateral posterior subcostal incision was made in male c57bl6/J mice, and the renal pedicle was dissected and occluded with a small vascular clamp. After 35 min, the clamp was removed. Animals were killed and the kidneys were harvested after 2 days. The surgery and the sacrifice were performed under general anesthesia (250 mg/kg body wt, Avertine, Sigma).

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| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | FCRAhouse | Resuspension | Unpaired t-test (vs. CH) (log2) | REG | MTC | | |
|------------|------------------|--|-----------------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|--------------|---------------------------------|----------|----------|----|---|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEPB (Ch) | SEPC (Ch) | SEPD (Ch) | | | | | | | |
| 1367947_at | Nupr1 | nuclear protein 1 | 113900 | Rh.11182 | NM_05311 | 3.63 | 3.55 | 11.26 | 10.55 | 12.34 | 86.81 | up | 1.14E-02 | 9.95E-01 | UR | - | |
| 1367948_at | Cytc20 | cytochrome P450, subfamily IIc (mephenytoin 4'-hydroxylase) | 22727 | Rh.10870 | NM_019184 | 10.18 | 8.66 | 9.82 | 3.15 | 3.35 | 3.04 | 82.57 | down | 1.76E-04 | 8.95E-01 | DR | - |
| 1367949_at | Avca | avian calyculin synthase | 10772 | Rh.11172 | L01262 | 3.16 | 3.24 | 8.31 | 2.16 | 2.40 | 28.03 | down | 1.84E-03 | 8.95E-01 | UR | - | |
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| 1367954_at | Srs | serine protease 5 (component of zymolyase precursor) | 28287 | Rh.10734 | NM_019187 | 2.87 | 2.87 | 7.62 | 7.66 | 8.17 | 7.54 | 8.71 | down | 1.07E-01 | 8.95E-01 | UR | - |
| 1367955_at | ba-2 // LOC36060 | hemoglobin alpha, adult chain 2 // hemoglobin alpha 2 chain | 25632 // 30504 | Rh.10734 | A1178404 | 9.48 | 9.36 | 8.60 | 3.50 | 7.95 | 5.97 | 9.71 | down | 6.40E-02 | 8.95E-01 | UR | - |
| 1367956_at | Scn11 | scandium carrier family 7 (cationic amino acid transporter, y+ system), member 1 | 25648 | Rh.9439 | AB020523 | 3.00 | 4.09 | 2.36 | 6.41 | 6.41 | 9.56 | 9.56 | down | 8.56E-02 | 8.95E-01 | UR | - |
| 1367957_at | Areg | amphiregulin | 29183 | Rh.10568 | NM_017123 | 2.65 | 2.70 | 3.42 | 5.62 | 4.44 | 7.74 | 8.05 | down | 3.93E-02 | 8.95E-01 | UR | - |
| 1367958_at | Park2 | phosphotyrosine phosphatase 2 (mitochondrial) | 301042 | Rh.35508 | BM35604 | 4.63 | 6.29 | 4.63 | 8.34 | 7.16 | 8.45 | 7.81 | down | 1.14E-02 | 8.95E-01 | UR | - |
| 1367959_at | --- | --- | --- | Rh.219333 | --- | 4.15 | 8.97 | 3.63 | 8.99 | 9.58 | 8.74 | 7.22 | up | 1.20E-01 | 8.95E-01 | UR | - |
| 1367960_at | LOC58904 | beta-globin | 689004 | Rh.3338 | U028730 | 7.65 | 8.23 | 6.65 | 2.89 | 6.55 | 4.81 | 6.78 | down | 7.51E-02 | 8.95E-01 | UR | - |
| 1367961_at | Anxa2 | annexin A2 | 56611 | Rh.90546 | NM_019905 | 2.53 | 5.65 | 2.67 | 5.94 | 6.02 | 6.86 | 3.00 | down | 6.63E-02 | 8.95E-01 | UR | - |
| 1367962_at | LOC20704 | lysine oxidase | 290704 | Rh.92021 | BM31934 | 5.53 | 5.38 | 2.66 | 2.59 | 6.18 | 5.66 | 6.24 | down | 5.10E-03 | 8.95E-01 | DR | - |
| 1367963_at | Eprs | glutamate pyruvate transaminase | 299352 | Rh.21240 | AF553211 | 4.49 | 7.49 | 5.21 | 8.21 | 7.83 | 8.88 | 5.56 | down | 5.43E-02 | 8.95E-01 | UR | - |
| 1367964_at | Ankrd52 | ankyrin repeat domain 52 | 362811 | Rh.8972 | BF404433 | 8.02 | 4.18 | 2.33 | 2.31 | 2.32 | 2.31 | 5.77 | down | 2.06E-01 | 8.95E-01 | UR | - |
| 1367965_at | Galn1 | galactosyltransferase 1 (mucopolysaccharide mu 1) | 24423 | Rh.20204 | M02341 | 9.27 | 4.17 | 7.89 | 4.87 | 4.69 | 3.30 | 5.82 | down | 1.53E-01 | 8.95E-01 | UR | - |
| 1367966_at | Calb1 | calbindin 1 | 83839 | Rh.3908 | X04280 | 6.92 | 3.36 | 5.44 | 2.81 | 2.93 | 2.53 | 5.60 | down | 4.77E-02 | 8.95E-01 | UR | - |
| 1367967_at | LOC36022 | beta2-globin | 291183 | Rh.17114 | BM307888 | 2.36 | 2.73 | 10.24 | 2.42 | 2.36 | 3.06 | 5.59 | down | 3.86E-01 | 8.95E-01 | UR | - |
| 1367968_at | 1367968_at | phosphotyrosine phosphatase, platelet | 60416 | Rh.21278 | X05089 | 7.65 | 7.07 | 2.20 | 2.71 | 6.92 | 4.81 | 6.37 | down | 8.74E-02 | 8.95E-01 | UR | - |
| 1367969_at | Fam101b | family with sequence similarity 101, member B | 287534 | Rh.13078 | BF398271 | 4.74 | 6.18 | 2.84 | 6.14 | 8.21 | 6.88 | 5.36 | down | 1.04E-01 | 8.95E-01 | UR | - |
| 1367970_at | Hbb | hemoglobin, beta | 24440 | Rh.202945 | NM_033234 | 8.78 | 8.66 | 7.36 | 4.56 | 7.31 | 5.67 | 5.35 | down | 5.86E-02 | 8.95E-01 | UR | - |
| 1367971_at | Smoc2 | SPARC related modular calcium binding 2 | 292401 | Rh.6092 | A028877 | 2.42 | 6.51 | 5.59 | 7.97 | 6.88 | 6.67 | 5.14 | down | 1.43E-01 | 8.95E-01 | UR | - |
| 1367972_at | Rare | arginine-glutamic acid diesterase (RE) repeats | 116665 | Rh.10577 | AW020332 | 3.18 | 4.91 | 2.71 | 6.02 | 5.87 | 6.17 | 5.12 | down | 2.83E-02 | 8.95E-01 | UR | - |
| 1367973_at | 1367973_at | isopentenyl-diphosphate delta isomerase 1 | 85784 | Rh.10780 | B1292758 | 3.48 | 4.18 | 3.31 | 5.55 | 5.85 | 6.61 | 5.09 | down | 4.72E-03 | 8.95E-01 | UR | - |
| 1367974_at | 1367974_at | isopentenyl-diphosphate delta isomerase 1 | 85784 | Rh.10780 | NM_053339 | 5.82 | 5.15 | 5.54 | 3.13 | 2.58 | 3.78 | 5.06 | down | 4.17E-03 | 8.95E-01 | DR | - |
| 1367975_at | Akrt14 | AKR14 | 191574 | Rh.10021 | D115 | 2.46 | 2.54 | 2.66 | 2.59 | 6.18 | 6.66 | 6.02 | down | 1.07E-02 | 8.95E-01 | UR | - |
| 1367976_at | 1367976_at | apolipoprotein A-II | 191574 | Rh.10021 | AF020332 | 2.51 | 4.86 | 2.59 | 4.59 | 5.83 | 3.00 | 4.87 | down | 7.18E-02 | 8.95E-01 | UR | - |
| 1367977_at | 1367977_at | apolipoprotein A-II | 191574 | Rh.10021 | AF020332 | 2.51 | 4.86 | 2.59 | 4.59 | 5.83 | 3.00 | 4.87 | down | 7.18E-02 | 8.95E-01 | UR | - |
| 1367978_at | Caq4 | Caq4, a apoliprotein-related type peptidase | 111665 | Rh.10021 | AF020332 | 2.51 | 4.86 | 2.59 | 4.59 | 5.83 | 3.00 | 4.87 | down | 7.18E-02 | 8.95E-01 | UR | - |
| 1367979_at | 1367979_at | apolipoprotein A-II | 191574 | Rh.10021 | AF020332 | 2.51 | 4.86 | 2.59 | 4.59 | 5.83 | 3.00 | 4.87 | down | 7.18E-02 | 8.95E-01 | UR | - |
| 1367980_at | Ca-2 // Cab3 | complement component 4, gene 2 // complement component 4b (C4b) beta chain | 24233 // 406181 | Rh.10152 | B126347 | 5.23 | 8.16 | 5.29 | 6.66 | 8.50 | 8.32 | 4.82 | down | 8.02E-02 | 8.95E-01 | UR | - |
| 1367981_at | ba-2 // LOC36060 | hemoglobin alpha, adult chain 2 // hemoglobin alpha 2 chain | 25632 // 30504 | Rh.10734 | A1178404 | 9.02 | 8.84 | 7.87 | 3.32 | 7.77 | 5.85 | 4.80 | down | 5.20E-02 | 8.95E-01 | UR | - |
| 1367982_at | LOC36590 | 5'-nucleotidase, cytosolic II | 365990 | --- | BM37140 | 2.85 | 2.83 | 2.83 | 9.54 | 2.81 | 4.65 | 4.65 | down | 3.78E-01 | 8.95E-01 | UR | - |
| 1367983_at | Chn2 | chitinase 2 (cell wall degrading enzyme 1, E. coli) | 60158 | Rh.23687 | AF1478 | 4.67 | 4.78 | 4.67 | 4.67 | 4.67 | 4.67 | 4.67 | down | 2.74E-02 | 8.95E-01 | UR | - |
| 1367984_at | Sprp1 // TI | signal recognition particle receptor, subunit 1 // tranferin | 24825 // 300965 | Rh.91298 | AF045178 | 5.53 | 8.88 | 7.33 | 8.73 | 9.54 | 9.93 | 4.47 | down | 1.03E-01 | 8.95E-01 | UR | - |
| 1367985_at | 1367985_at | low density lipoprotein receptor | 36958 | Rh.16342 | BF45830 | 5.79 | 4.86 | 4.56 | 7.19 | 7.62 | 8.82 | 4.40 | down | 8.11E-03 | 8.95E-01 | UR | - |
| 1367986_at | Resp18 | respiratory electron-transport protein 18 | 50561 | Rh.66430 | NM_019278 | 7.12 | 7.74 | 6.08 | 5.69 | 4.49 | 4.54 | 4.31 | down | 1.00E-01 | 8.95E-01 | UR | - |
| 1367987_at | Tnn2b | titin, beta 2 | 309586 | Rh.16340 | AF05244 | 2.42 | 2.91 | 2.99 | 4.79 | 4.64 | 4.81 | 4.28 | down | 2.83E-04 | 8.95E-01 | UR | - |
| 1367988_at | 1367988_at | microtubule-associated protein 18 | 59456 | Rh.98152 | U33580 | 6.84 | 6.82 | 6.84 | 6.82 | 6.84 | 6.82 | 6.84 | down | 8.43E-02 | 8.95E-01 | UR | - |
| 1367989_at | Map1b | microtubule-associated protein 1B | 29456 | Rh.98152 | BC378086 | 5.15 | 2.77 | 2.52 | 5.23 | 4.08 | 5.37 | 4.22 | down | 9.80E-03 | 8.95E-01 | UR | - |
| 1367990_at | Chn1 | chitinase 1 (cell wall degrading enzyme 1) | 60158 | Rh.10938 | AF05244 | 2.42 | 2.91 | 2.99 | 4.79 | 4.64 | 4.81 | 4.28 | down | 2.83E-04 | 8.95E-01 | UR | - |
| 1367991_at | Bupr1 | butyryl Coenzyme A synthetase 1 | 361638 | Rh.38822 | BC373566 | 7.36 | 3.66 | 6.88 | 9.30 | 9.38 | 9.73 | 4.20 | down | 3.68E-03 | 8.95E-01 | UR | - |
| 1367992_at | Poc1 | pyruvate dehydrogenase phosphatase regulatory subunit | 307882 | Rh.21088 | A059453 | 5.62 | 5.06 | 5.06 | 3.36 | 2.76 | 3.41 | 4.19 | down | 1.86E-03 | 8.95E-01 | DR | - |
| 1367993_at | 1367993_at | pyruvate dehydrogenase phosphatase regulatory subunit | 307882 | Rh.21088 | BF45830 | 5.79 | 4.86 | 4.56 | 7.19 | 7.62 | 8.82 | 4.40 | down | 8.11E-03 | 8.95E-01 | UR | - |
| 1367994_at | Rt1-Ba | RT1 class II, locus Ba | 309821 | Rh.25717 | BF437849 | 2.79 | 6.90 | 5.00 | 7.50 | 7.94 | 5.39 | 4.12 | down | 2.24E-01 | 8.95E-01 | UR | - |
| 1367995_at | 1367995_at | RNA (guanine-7-) methyltransferase | 131369 | Rh.13699 | AF045178 | 5.53 | 8.88 | 7.33 | 8.73 | 9.54 | 9.93 | 4.47 | down | 1.03E-01 | 8.95E-01 | UR | - |
| 1367996_at | Igf1p1 | insulin-like growth factor binding protein 1 | 25685 | Rh.34028 | NM_013144 | 2.74 | 2.24 | 2.46 | 4.29 | 3.86 | 5.35 | 4.05 | down | 1.23E-02 | 8.95E-01 | UR | - |
| 1367997_at | Anxa7 | annexin A7 | 155423 | Rh.10814 | A013902 | 4.06 | 6.34 | 5.08 | 7.25 | 7.22 | 7.04 | 4.04 | down | 4.05E-02 | 8.95E-01 | UR | - |
| 1367998_at | Irf1 | interferon inducible protein 1 | 309669 | Rh.46018 | BF45734 | 3.53 | 7.10 | 5.10 | 6.96 | 7.13 | 7.67 | 4.02 | down | 1.30E-01 | 8.95E-01 | UR | - |
| 1367999_at | Coat2 | coiled-coil domain containing 75 | 604834 | Rh.34561 | NM_022282 | 6.20 | 7.39 | 6.20 | 7.39 | 6.20 | 7.39 | 6.20 | down | 1.52E-01 | 8.95E-01 | UR | - |
| 1368000_at | LOC284834 | similar to coiled-coil domain containing 9 | 604834 | Rh.34561 | NM_022282 | 6.20 | 7.39 | 6.20 | 7.39 | 6.20 | 7.39 | 6.20 | down | 1.52E-01 | 8.95E-01 | UR | - |
| 1368001_at | Salb1 | SALT homeobox 1 | 316164 | Rh.21482 | AF046353 | 4.32 | 4.70 | 3.53 | 5.50 | 6.22 | 6.35 | 3.92 | down | 1.49E-02 | 8.95E-01 | UR | - |
| 1368002_at | Fam69a | family with sequence similarity 69, member A | 360906 | Rh.21993 | AW91382 | 5.07 | 4.55 | 2.47 | 4.49 | 7.22 | 3.92 | 3.92 | down | 1.55E-01 | 8.95E-01 | UR | - |
| 1368003_at | Cars | carboxyl-terminal domain containing 9 | 316164 | Rh.21482 | AF046353 | 4.32 | 4.70 | 3.53 | 5.50 | 6.22 | 6.35 | 3.92 | down | 1.49E-02 | 8.95E-01 | UR | - |
| 1368004_at | Srs | serine protease 5 (component of zymolyase precursor) | 28287 | Rh.10734 | NM_019187 | 2.87 | 2.87 | 7.62 | 7.66 | 8.17 | 7.54 | 8.71 | down | 1.07E-01 | 8.95E-01 | UR | - |
| 1368005_at | 1368005_at | serine protease 5 (component of zymolyase precursor) | 28287 | Rh.10734 | NM_019187 | 2.87 | 2.87 | 7.62 | 7.66 | 8.17 | 7.54 | 8.71 | down | 1.07E-01 | 8.95E-01 | UR | - |
| 1368006_at | Sec2 | secreted phospholipase-related protein 2 | 310552 | Rh.10245 | BF398602 | 5.74 | 3.67 | 4.46 | 2.58 | 3.09 | 2.31 | 3.90 | down | 3.86E-02 | 8.95E-01 | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensities (log2) | | | | | | | | | | FC/MScore | Residual | Unpaired t-test (Sig vs Ctrl (triplicates)) | REG | MTC |
|-------------|-------------|--|---------|------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|---|-----|-----|
| | | | | | SEPS (Ctrl) | SEPA (Ctrl) | SEPB (Ctrl) | SEPC (Ctrl) | SEPD (Ctrl) | SEPE (Ctrl) | SEPF (Ctrl) | SEPG (Ctrl) | SEPH (Ctrl) | SEPI (Ctrl) | | | | | |
| 1734949_at | Myf6 | myosin, light chain 6B, alkali, smooth muscle and non-muscle | 685883 | AI230220 | 4.32 | 5.11 | 4.33 | 5.14 | 7.34 | 5.94 | 2.93 | up | 6.89E-02 | 9.95E-01 | UR | | | | |
| 1737241_at | Rora | RAR-related orphan receptor alpha | 300807 | RN_43530 | 4.23 | 5.43 | 6.62 | 5.27 | 7.35 | 6.89 | 7.59 | 2.93 | up | 3.04E-02 | 9.95E-01 | UR | | | |
| 1737443_at | Hsp43 | Heat shock protein family 40 class B member 3 homolog (human) | 4410288 | U159762 | 6.12 | 6.12 | 6.07 | 6.12 | 6.07 | 6.12 | 6.07 | 2.93 | down | 3.73E-02 | 9.95E-01 | UR | | | |
| 1737929_at | ROD156325 | similar to ENSANGR0000020885 | 306366 | RN_133418 | A110253 | 7.51 | 8.63 | 10.57 | 7.12 | 6.83 | 8.02 | 2.92 | down | 1.81E-01 | 9.95E-01 | UR | | | |
| 17423749_at | ROD156307 | similar to RIKEN DNA11103102 | 306366 | RN_101422 | A110253 | 4.72 | 6.23 | 4.72 | 6.23 | 4.72 | 6.23 | 2.92 | down | 9.48E-02 | 9.95E-01 | UR | | | |
| 1757526_at | Smn2 | sorting nexin family member 27 | 290323 | RN_7581 | BE113239 | 4.58 | 6.48 | 4.85 | 7.20 | 6.83 | 6.51 | 2.91 | up | 6.89E-02 | 9.95E-01 | UR | | | |
| 1759750_at | Smg7 | Smg7 homolog, non-muscle mediated mRNA decay factor (C. elegans) | 306855 | RN_60213 | H40608 | 2.32 | 2.35 | 2.49 | 2.32 | 7.13 | 2.34 | 2.91 | up | 3.91E-01 | 9.95E-01 | UR | | | |
| 1819130_at | Azm3 | zinc finger protein family, member 3 | 307840 | RN_39037 | A03264 | 5.26 | 6.04 | 5.26 | 6.04 | 5.26 | 6.04 | 2.90 | down | 5.83E-02 | 9.95E-01 | UR | | | |
| 1838050_at | Rtn1 | RNA glycosyltransferase and 5' phosphate | 311111 | RN_26228 | A111767 | 3.95 | 3.67 | 5.36 | 2.80 | 2.83 | 2.75 | 2.89 | down | 4.33E-02 | 9.95E-01 | DR | | | |
| 1839121_at | Fam133b | family with sequence similarity 133, member B | 302320 | RN_7033 | A04677 | 3.46 | 3.48 | 5.17 | 3.47 | 3.47 | 5.05 | 2.89 | down | 2.98E-02 | 9.95E-01 | DR | | | |
| 1839200_at | --- | --- | --- | --- | A171051 | 3.36 | 3.55 | 2.81 | 4.40 | 5.02 | 4.89 | 2.83 | down | 5.13E-03 | 9.95E-01 | DR | | | |
| 1839224_at | --- | --- | --- | --- | BF386397 | 4.50 | 2.53 | 5.19 | 2.56 | 2.56 | 2.53 | 2.88 | down | 1.29E-01 | 9.95E-01 | DR | | | |
| 1839224_at | --- | --- | --- | --- | M07058 | 3.54 | 5.57 | 5.29 | 2.48 | 4.27 | 3.08 | 2.88 | down | 1.39E-01 | 9.95E-01 | DR | | | |
| 1839537_at | Map1b | microtubule-associated protein 1B | 29456 | RN_98152 | BG672052 | 2.51 | 2.40 | 2.47 | 4.67 | 3.01 | 4.27 | 2.88 | down | 1.83E-02 | 9.95E-01 | UR | | | |
| 1839544_at | Airt | aryl hydrocarbon receptor nuclear translocator | 25242 | RN_10520 | NM_012780 | 3.73 | 3.89 | 3.14 | 5.23 | 5.04 | 5.06 | 2.87 | up | 2.96E-03 | 9.95E-01 | UR | | | |
| 1839544_at | --- | --- | --- | --- | AI126525 | 3.91 | 5.18 | 2.29 | 2.28 | 2.26 | 2.25 | 2.87 | down | 1.46E-01 | 9.95E-01 | UR | | | |
| 1839544_at | Dhuc24 | 24-dehydrocholesterol reductase | 298298 | RN_9470 | BF14749 | 4.99 | 5.71 | 6.28 | 4.60 | 4.09 | 3.73 | 2.87 | down | 2.79E-02 | 9.95E-01 | UR | | | |
| 1839544_at | Ckap4 | cytokeratin-associated protein 4 | 362689 | RN_99208 | BM38259 | 7.37 | 5.74 | 7.42 | 6.63 | 6.26 | 6.17 | 2.86 | up | 5.04E-02 | 9.95E-01 | UR | | | |
| 1839544_at | Gant3 | glycylglycyl-tyrosine-D-glucosyltransferase | 29750 | RN_20720 | NM_022326 | 6.70 | 6.62 | 3.50 | 6.16 | 7.67 | 7.54 | 2.86 | up | 2.61E-01 | 9.95E-01 | UR | | | |
| 1839582_at | --- | --- | --- | --- | RN_196318 | BF398623 | 7.70 | 5.98 | 5.56 | 6.22 | 3.47 | 6.00 | 2.86 | down | 2.15E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_211108 | BF409187 | 4.56 | 2.75 | 6.63 | 3.17 | 2.49 | 2.72 | 2.86 | down | 1.54E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_196318 | BF398623 | 7.70 | 5.98 | 5.56 | 6.22 | 3.47 | 6.00 | 2.86 | down | 2.15E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_211108 | BF409187 | 4.56 | 2.75 | 6.63 | 3.17 | 2.49 | 2.72 | 2.86 | down | 1.54E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_202443 | AW528908 | 6.80 | 5.48 | 4.78 | 4.29 | 3.53 | 4.69 | 2.83 | down | 9.30E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_133834 | BF208135 | 5.91 | 5.08 | 4.62 | 7.22 | 7.70 | 5.20 | 2.85 | up | 1.52E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_70333 | A04677 | 3.12 | 2.21 | 5.27 | 4.21 | 4.27 | 4.23 | 2.85 | up | 1.52E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_18142 | BM383243 | 2.34 | 4.19 | 2.24 | 4.01 | 4.03 | 5.56 | 2.84 | up | 1.25E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_1437 | A04677 | 7.11 | 7.45 | 7.13 | 5.30 | 6.14 | 5.74 | 2.84 | down | 4.80E-03 | 9.95E-01 | DR | | |
| 1839582_at | --- | --- | --- | --- | RN_105128 | A1233763 | 7.88 | 7.01 | 8.27 | 6.71 | 4.95 | 6.97 | 2.84 | down | 1.10E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_18397 | BE113124 | 6.88 | 6.36 | 6.50 | 3.66 | 5.55 | 6.01 | 2.84 | down | 1.11E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_24237 | BF363368 | 4.10 | 4.88 | 8.22 | 3.33 | 4.06 | 3.29 | 2.84 | down | 8.77E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_162992 | BF388600 | 2.45 | 2.45 | 6.96 | 2.45 | 2.47 | 2.44 | 2.83 | down | 3.74E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_102078 | BF403834 | 3.57 | 5.10 | 4.68 | 3.08 | 3.06 | 3.61 | 2.83 | down | 8.06E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_169378 | A110698 | 1.17 | 0.18 | 5.13 | 1.17 | 5.03 | 2.18 | 2.83 | down | 1.46E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_29419 | AW444272 | 4.78 | 5.01 | 5.23 | 6.71 | 5.41 | 6.49 | 2.83 | up | 3.37E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_231403 | A106262 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | down | 2.32E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_200841 | BE119223 | 3.65 | 3.48 | 6.61 | 2.75 | 3.38 | 3.15 | 2.82 | down | 2.21E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_111028 | BF011028 | 7.03 | 3.21 | 2.96 | 2.52 | 3.02 | 1.18 | 2.82 | down | 3.25E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_101756 | A059871 | 4.60 | 6.76 | 5.70 | 7.87 | 7.88 | 7.88 | 2.81 | down | 9.25E-03 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_404528 | BF58 | 6.58 | 2.95 | 2.58 | 2.56 | 2.55 | 2.53 | 2.81 | down | 3.07E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_13105 | BF295 | 3.55 | 4.58 | 5.55 | 3.55 | 4.58 | 5.55 | 2.80 | down | 1.17E-03 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_6470 | BI295136 | 3.20 | 4.06 | 2.46 | 3.69 | 5.61 | 4.88 | 2.80 | down | 1.10E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_106090 | AA798932 | 5.99 | 7.46 | 4.01 | 7.07 | 7.00 | 7.84 | 2.80 | down | 2.25E-01 | 9.95E-01 | DR | | |
| 1839582_at | --- | --- | --- | --- | RN_209513 | AI232612 | 4.27 | 3.87 | 4.97 | 2.78 | 2.80 | 2.80 | 2.80 | down | 1.02E-02 | 9.95E-01 | DR | | |
| 1839582_at | --- | --- | --- | --- | RN_204289 | A071163 | 2.42 | 3.42 | 2.57 | 3.48 | 6.33 | 3.95 | 2.80 | up | 2.39E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_20040 | NM_022719 | 2.81 | 4.08 | 5.88 | 2.41 | 2.13 | 2.80 | 2.79 | down | 1.42E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_45415 | AI140215 | 6.49 | 6.18 | 6.24 | 7.39 | 8.24 | 7.39 | 2.79 | down | 5.33E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_29308 | NM_019186 | 6.58 | 6.05 | 3.82 | 6.81 | 7.14 | 6.93 | 2.78 | up | 1.57E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_32495 | BF38266 | 6.58 | 6.05 | 2.82 | 6.81 | 7.14 | 6.93 | 2.78 | up | 1.57E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_221169 | AA117894 | 2.77 | 4.57 | 3.11 | 4.58 | 4.69 | 5.61 | 2.78 | up | 6.33E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_3338 | AA818099 | 5.52 | 6.96 | 6.71 | 7.58 | 7.66 | 6.38 | 2.78 | up | 4.53E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_137340 | BF380750 | 5.49 | 6.91 | 7.81 | 7.81 | 7.81 | 7.81 | 2.78 | up | 9.25E-03 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_50057 | BE116000 | 4.54 | 6.00 | 4.55 | 2.96 | 4.21 | 2.77 | down | 1.35E-01 | 9.95E-01 | UR | | | |
| 1839582_at | --- | --- | --- | --- | RN_123916 | BF38148 | 5.63 | 6.28 | 5.63 | 6.28 | 5.63 | 6.28 | 2.77 | down | 3.36E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_54400 | AI109025 | 4.56 | 7.75 | 4.56 | 6.17 | 6.53 | 6.00 | 2.77 | down | 6.15E-03 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_29073 | BF389045 | 2.77 | 2.89 | 2.84 | 4.66 | 5.61 | 2.62 | 2.76 | up | 1.72E-01 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_703787 | BF380827 | 4.60 | 4.60 | 5.07 | 3.39 | 3.06 | 3.06 | 2.76 | down | 3.06E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_169523 | AW528232 | 4.73 | 4.15 | 3.99 | 6.32 | 5.75 | 5.19 | 2.76 | up | 2.12E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_679127 | BF385188 | 4.00 | 3.50 | 3.79 | 5.23 | 5.96 | 4.98 | 2.75 | up | 2.53E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_10338 | NM_017412 | 6.82 | 6.29 | 6.82 | 7.83 | 8.03 | 7.93 | 2.75 | down | 9.75E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_147846 | BI296291 | 3.80 | 4.39 | 4.35 | 6.01 | 5.91 | 6.01 | 2.75 | up | 1.70E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_216230 | BF38446 | 4.42 | 4.36 | 4.42 | 4.36 | 4.42 | 4.36 | 2.74 | down | 5.33E-02 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_14702 | BC374612 | 6.67 | 6.68 | 6.02 | 8.07 | 8.03 | 7.81 | 2.74 | up | 5.47E-03 | 9.95E-01 | UR | | |
| 1839582_at | --- | --- | --- | --- | RN_6830 | BC328951 | 5.04 | 3.69 | 3 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intenses (log2) | | | | | | | | | | FC/MS/ouse | Resonance | Unpaired t test Cvs Chl (triplicats) | REG | MTC |
|-------------|-------------|---|---------|------------|------------|----------------------|-----------|----------|-----------|-----------|----------|-----------|-----------|----------|-----------|------------|-----------|--------------------------------------|-----|-----|
| | | | | | | SEFP (Cn) | SEPA (Cn) | SEP (Cn) | SEFP (Ca) | SEPA (Ca) | SEP (Ca) | SEFP (Cn) | SEPA (Cn) | SEP (Cn) | SEFP (Ca) | | | | | |
| 1377992_at | --- | --- | 305586 | Rn.204418 | AI11775 | 9.57 | 8.21 | 6.57 | 9.32 | 9.65 | 9.26 | 2.45 | up | 2.13E-01 | 9.95E-01 | --- | --- | | | |
| 1379736_at | Paclog | poly(A) polymerase gamma | 305586 | Rn.27992 | AI18893 | 2.37 | 4.04 | 5.32 | 2.97 | 2.55 | 2.52 | 2.45 | down | 2.33E-01 | 9.95E-01 | --- | --- | | | |
| 1379737_at | Abn13 | abn13 | 306630 | Rn.621 | B126272 | 4.83 | 6.92 | 8.32 | 4.79 | 6.92 | 7.26 | 2.45 | down | 2.83E-01 | 9.95E-01 | UR | --- | | | |
| 1379774_at | --- | hydrolyase domain containing 13 | 306630 | Rn.621 | A007668 | 2.91 | 2.54 | 5.32 | 2.40 | 6.03 | 4.43 | 2.45 | up | 2.33E-01 | 9.95E-01 | --- | --- | | | |
| 1379859_at | --- | subunit of poly(ADP-ribose) polymerase complex, homolog A (S. cerevisiae) | 306630 | Rn.621 | B126272 | 4.83 | 6.92 | 8.32 | 4.79 | 6.92 | 7.26 | 2.45 | down | 7.04E-01 | 9.95E-01 | --- | --- | | | |
| 1386541_at | Spa9a | spat9a | 294594 | Rn.21979 | BF56705 | 3.81 | 3.79 | 2.56 | 5.23 | 3.63 | 5.20 | 2.45 | up | 1.26E-01 | 9.95E-01 | --- | --- | | | |
| 1386776_at | LOC685209 | similar to Zinc finger BED domain containing protein 4 | 685209 | --- | BE120749 | 7.70 | 4.98 | 5.24 | 4.07 | 5.08 | 4.90 | 2.45 | down | 2.34E-01 | 9.95E-01 | --- | --- | | | |
| 1371173_at | Cast | castalatin | 25403 | Rn.17481 | Y13591 | 7.05 | 6.49 | 7.20 | 4.86 | 5.98 | 6.04 | 2.44 | down | 4.35E-02 | 9.95E-01 | DR | --- | | | |
| 1376700_at | Ehrl1 | Ehrl1 domain family, member D1 | 501181 | Rn.12811 | BE18904 | 7.95 | 5.46 | 5.24 | 5.23 | 4.71 | 4.85 | 2.44 | down | 2.18E-01 | 9.95E-01 | --- | --- | | | |
| 1386587_at | Moeh2 | Moeh2 | 292168 | Rn.35113 | AS50040 | 4.46 | 6.21 | 6.99 | 6.45 | 8.05 | 7.62 | 2.44 | down | 2.55E-01 | 9.95E-01 | --- | --- | | | |
| 1389113_at | Green1 | green1, cysteine knot superfamily, homolog (Xenopus laevis) | 50586 | Rn.42929 | NM_191922 | 5.95 | 2.59 | 2.62 | 2.36 | 2.62 | 2.34 | 2.43 | down | 3.15E-01 | 9.95E-01 | --- | --- | | | |
| 1379837_at | CCJ_107327 | similar to Proteasome inhibitor P13 subunit | 686652 | Rn.103325 | BF561377 | 6.58 | 5.81 | 5.90 | 7.66 | 7.40 | 6.97 | 2.43 | up | 1.17E-02 | 9.95E-01 | --- | --- | | | |
| 1371540_at | Krt3ap2 | keratinocyte associated protein 2 | 295243 | Rn.103147 | AI02171 | 5.77 | 6.38 | 6.77 | 7.48 | 7.05 | 7.53 | 2.43 | up | 5.33E-03 | 9.95E-01 | --- | --- | | | |
| 1376837_at | Hdp2 | hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) | 298655 | Rn.17292 | BE103831 | 5.46 | 5.87 | 5.72 | 7.15 | 6.68 | 6.86 | 2.43 | up | 1.02E-03 | 9.95E-01 | UR | --- | | | |
| 1376700_at | Rbm18 | RNA binding motif protein 18 | 311902 | Rn.2745 | A058532 | 5.76 | 6.00 | 7.44 | 5.44 | 5.35 | 5.08 | 2.42 | down | 6.20E-02 | 9.95E-01 | --- | --- | | | |
| 1386888_at | LOC684841 | similar to CG31613-PA | 684841 | Rn.161390 | AI178461 | 2.50 | 2.44 | 2.46 | 4.46 | 2.44 | 2.46 | 2.42 | down | 3.33E-01 | 9.95E-01 | --- | --- | | | |
| 1386832_at | Pnk3 | protein kinase D3 | 313834 | Rn.3639 | BF288135 | 4.91 | 4.62 | 4.68 | 6.39 | 6.93 | 4.70 | 2.42 | up | 1.33E-01 | 9.95E-01 | --- | --- | | | |
| 1386830_at | Nasb2 | N-acetyltransferase BB | 317084 | Rn.3643 | NM_133558 | 10.59 | 11.23 | 11.69 | 10.08 | 9.62 | 10.41 | 2.41 | down | 1.45E-02 | 9.95E-01 | --- | --- | | | |
| 1383425_at | CS | complement component 5 | 362119 | Rn.21259 | BI20729 | 4.70 | 3.99 | 3.62 | 5.54 | 5.15 | 5.33 | 2.41 | up | 2.46E-02 | 9.95E-01 | UR | --- | | | |
| 1386837_at | Ar5 | AT rich interactive domain 48 (Rsp1 like) | 84481 | Rn.47249 | NM_153421 | 6.13 | 5.55 | 7.12 | 5.20 | 4.23 | 5.55 | 2.41 | down | 1.06E-01 | 9.95E-01 | --- | --- | | | |
| 1379830_at | Crb6 | chromodomain helicase DNA binding protein 6 | 311657 | Rn.43025 | BF38050 | 5.84 | 4.78 | 6.29 | 4.01 | 5.76 | 5.06 | 2.41 | down | 8.06E-02 | 9.95E-01 | --- | --- | | | |
| 1387555_at | Tmb10 | thymosin, beta 10 | 50665 | Rn.5983 | NM_021261 | 4.49 | 5.59 | 6.14 | 6.67 | 6.91 | 6.44 | 2.41 | up | 6.46E-02 | 9.95E-01 | --- | --- | | | |
| 1379839_at | RGD1306663 | Similar to HTD21 | 299928 | Rn.16928 | AW528107 | 5.02 | 6.53 | 6.32 | 7.06 | 6.37 | 5.74 | 2.41 | up | 2.19E-01 | 9.95E-01 | --- | --- | | | |
| 1388781_at | --- | --- | --- | Rn.95130 | AW434329 | 6.05 | 6.52 | 7.26 | 5.28 | 4.65 | 6.12 | 2.41 | down | 6.39E-02 | 9.95E-01 | --- | --- | | | |
| 1370008_at | Psm3c3p | proteasome (prosome, macropain) 26S subunit, ATPase 3, interacting protein | 140938 | Rn.146650 | NM_134458 | 2.55 | 4.41 | 3.96 | 4.69 | 4.76 | 5.27 | 2.41 | up | 8.91E-02 | 9.95E-01 | --- | --- | | | |
| 1376700_at | Gpalt4h | G path domain containing 4 | 295228 | Rn.20166 | BI28442 | 2.51 | 2.94 | 2.44 | 3.94 | 2.84 | 4.94 | 2.40 | up | 1.13E-01 | 9.95E-01 | DR | --- | | | |
| 1370245_at | Cbl1 | cathepsin L1 | 25691 | Rn.17294 | A122474 | 9.81 | 11.11 | 10.80 | 11.58 | 12.13 | 11.83 | 2.40 | up | 4.10E-02 | 9.95E-01 | --- | --- | | | |
| 1386376_at | Moeh1 | Moeh1 (sex determining region Y)-box 6 | 292167 | Rn.70475 | BI28659 | 4.44 | 4.78 | 6.29 | 4.71 | 3.68 | 4.93 | 2.38 | down | 9.47E-01 | 9.95E-01 | --- | --- | | | |
| 1378929_at | Mag1 | magnesium-dependent phosphatase Y | 290230 | Rn.19870 | AA08718 | 7.20 | 4.94 | 4.74 | 3.95 | 3.76 | 5.38 | 2.40 | down | 2.49E-01 | 9.95E-01 | --- | --- | | | |
| 138044_4_at | --- | --- | --- | --- | --- | 6.47 | 6.55 | 6.66 | 6.47 | 6.55 | 6.66 | 2.40 | up | 1.47E-01 | 9.95E-01 | --- | --- | | | |
| 1384604_at | Nes2 | neurotrophin (NRP) and tollid (TLI)-like 2 | 307757 | Rn.147067 | AW527233 | 5.32 | 5.42 | 4.82 | 3.62 | 4.50 | 3.66 | 2.40 | down | 2.08E-02 | 9.95E-01 | DR | --- | | | |
| 1385894_at | Aars | alanine-RNA synthetase | 292023 | Rn.8645 | BI282072 | 6.94 | 7.12 | 6.82 | 8.39 | 7.91 | 8.07 | 2.40 | up | 5.14E-03 | 9.95E-01 | --- | --- | | | |
| 1387449_at | Bart1 | sorted early in transport 1 homolog (S. cerevisiae) like | 54400 | Rn.92025 | NM_0193025 | 4.18 | 4.78 | 5.18 | 4.71 | 4.66 | 3.29 | 2.40 | down | 8.47E-01 | 9.95E-01 | --- | --- | | | |
| 1374827_at | Nsd3 | N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2 | 114002 | Rn.7781 | BI27137 | 5.83 | 4.82 | 3.21 | 5.92 | 5.89 | 5.82 | 2.39 | up | 1.74E-01 | 9.95E-01 | --- | --- | | | |
| 1378003_at | Fg4a | Fg4a (RhoGEP and PH domain containing 4) | 291474 | Rn.29688 | AA08718 | 2.44 | 3.90 | 3.08 | 3.98 | 3.68 | 4.44 | 2.39 | down | 5.43E-02 | 9.95E-01 | --- | --- | | | |
| 1393762_at | Pcaf | p300/CBP-associated factor | 301164 | Rn.4126 | AA01054 | 3.67 | 4.81 | 3.47 | 4.87 | 5.92 | 5.93 | 2.39 | down | 0.84E-02 | 9.95E-01 | --- | --- | | | |
| 1385164_at | --- | --- | --- | Rn.17147 | BE108840 | 4.28 | 4.08 | 5.63 | 3.70 | 2.40 | 3.72 | 2.39 | down | 9.25E-02 | 9.95E-01 | UR | --- | | | |
| 1377750_at | --- | --- | --- | Rn.404298 | BE119825 | 4.25 | 3.96 | 4.52 | 3.66 | 4.42 | 4.42 | 2.39 | down | 1.41E-02 | 9.95E-01 | --- | --- | | | |
| 1388745_at | --- | --- | --- | --- | BI29064 | 6.58 | 9.19 | 7.82 | 8.83 | 8.71 | 8.72 | 2.39 | down | 2.04E-01 | 9.95E-01 | --- | --- | | | |
| 1385853_at | --- | --- | --- | Rn.19504 | BI282733 | 7.00 | 7.25 | 6.46 | 5.89 | 4.83 | 6.12 | 2.39 | down | 4.42E-02 | 9.95E-01 | DR | --- | | | |
| 1385933_at | Jp2 | Jun dimerization protein 2 | 116874 | Rn.19504 | NM_003894 | 2.68 | 2.10 | 2.71 | 2.71 | 2.10 | 2.71 | 2.39 | down | 3.66E-01 | 9.95E-01 | --- | --- | | | |
| 1374825_at | --- | --- | --- | Rn.168246 | BE117446 | 4.32 | 4.72 | 4.09 | 6.43 | 5.68 | 4.78 | 2.39 | up | 7.06E-02 | 9.95E-01 | --- | --- | | | |
| 1386881_at | --- | --- | --- | Rn.195044 | BE117446 | 4.32 | 4.72 | 4.09 | 6.43 | 5.68 | 4.78 | 2.39 | up | 7.06E-02 | 9.95E-01 | --- | --- | | | |
| 1370719_at | Slc1c1 | chloride channel CLIC-like 1 | 170927 | Rn.26588 | AW525221 | 5.64 | 6.15 | 5.74 | 6.68 | 6.33 | 6.28 | 2.39 | down | 1.67E-01 | 9.95E-01 | --- | --- | | | |
| 1394627_at | Snai1 | snail family transcriptional repressor 1 | 315478 | Rn.8882 | AW527508 | 6.23 | 6.15 | 5.38 | 3.66 | 4.20 | 4.75 | 2.38 | down | 7.72E-02 | 9.95E-01 | --- | --- | | | |
| 1371014_at | Wdr2 | 30S ribosomal helicase activator-like 1B (yeast) | 44654 | Rn.45523 | NM_0193025 | 4.18 | 4.78 | 5.18 | 4.71 | 4.66 | 3.29 | 2.38 | down | 8.47E-01 | 9.95E-01 | --- | --- | | | |
| 1372726_at | HistH4b | histone cluster 1, H4b | 64627 | Rn.1859 | AI17762 | 6.86 | 6.09 | 6.05 | 5.44 | 5.51 | 4.21 | 2.38 | down | 7.09E-02 | 9.95E-01 | --- | --- | | | |
| 1385145_at | --- | --- | --- | Rn.48224 | BE117446 | 4.32 | 4.72 | 4.09 | 6.43 | 5.68 | 4.78 | 2.38 | down | 2.63E-02 | 9.95E-01 | --- | --- | | | |
| 1385145_at | --- | --- | --- | Rn.154146 | BE112469 | 6.45 | 4.94 | 5.55 | 4.45 | 3.82 | 4.32 | 2.38 | down | 8.20E-02 | 9.95E-01 | --- | --- | | | |
| 1388261_at | Pycs | pyruvate-5-carboxylase synthetase (glutamate gamma-semialdehyde synthetase) | 361755 | Rn.3148 | BC380693 | 2.48 | 2.76 | 2.75 | 3.32 | 4.03 | 4.99 | 2.38 | up | 1.88E-02 | 9.95E-01 | UR | --- | | | |
| 1392921_at | Moeb1b | Moeb1b | 297387 | Rn.74475 | AW528107 | 4.28 | 5.94 | 6.73 | 5.73 | 6.07 | 6.73 | 2.38 | down | 3.70E-02 | 9.95E-01 | --- | --- | | | |
| 1390954_at | Ppp1h1 | protein phosphatase 1H (PP2C domain containing) | 314887 | Rn.19204 | BC380693 | 5.71 | 5.14 | 4.24 | 6.40 | 6.87 | 5.58 | 2.38 | up | 9.38E-02 | 9.95E-01 | --- | --- | | | |
| 1381116_at | RGD131463 | similar to RIKEN cDNA 700070721 | 311279 | Rn.40685 | AW528652 | 5.71 | 3.94 | 4.89 | 3.34 | 3.22 | 4.04 | 2.38 | down | 9.50E-02 | 9.95E-01 | --- | --- | | | |
| 1383313_at | Kcp2 | Kcp2 (poly(ADP-ribose) chain elongating 2 binding protein) | 409519 | Rn.87479 | BF56747 | 6.58 | 6.81 | 6.58 | 7.28 | 6.98 | 8.08 | 2.37 | down | 6.26E-02 | 9.95E-01 | --- | --- | | | |
| 1382939_at | Bld3p | Bld3p | 488176 | Rn.138726 | BE114818 | 8.59 | 9.20 | 9.73 | 7.83 | 7.88 | 8.07 | 2.37 | down | 2.07E-02 | 9.95E-01 | DR | --- | | | |
| 1385925_at | Wwc2 | WW and CC domain containing 2 | 468630 | Rn.14473 | BE114818 | 8.59 | 9.20 | 9.73 | 7.83 | 7.88 | 8.07 | 2.37 | down | 2.07E-02 | 9.95E-01 | --- | --- | | | |
| 1370007_at | Pks4 | protein kinase C-interferase family A, member 4 | 116598 | Rn.39305 | NM_053849 | 6.63 | 7.41 | 6.84 | 8.02 | 6.88 | 9.70 | 2.36 | down | 2.19E-01 | 9.95E-01 | --- | --- | | | |
| 1387611_at | Wc2 | B-cell CLL/lymphoma 2 | 24224 | Rn.9996 | NM_169893 | 2.39 | 2.38 | 2.39 | 3.66 | 3.15 | 4.07 | 2.36 | up | 9.50E-02 | 9.95E-01 | --- | --- | | | |
| 1383987_at | --- | --- | --- | Rn.357932 | AI82527 | 2.56 | 1.16 | 2.71 | 2.56 | 1.16 | 2.71 | 2.36 | up | 1.95E-01 | 9.95E-01 | --- | --- | | | |
| 1374721_at | --- | --- | --- | Rn.170876 | AI112807 | 3.52 | 6.30 | 6.64 | 6.63 | 7.00 | 6.85 | 2.36 | up | 2.79E-01 | 9.95E-01 | --- | --- | | | |
| 1376392_at | Spa2a | signal peptide peptidase-like 2A | 311401 | Rn.16730 | AI17884 | 6.15 | 6.65 | 5.22 | 6.07 | 7.38 | 7.29 | 2.36 | up | 4.46E-02 | 9.95E-01 | UR | --- | | | |
| 1382040_at | Ersn | erythrocyte spectrin-like 1</ | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | FC/MS/MS | Resonance | Unpaired t-test (Sig vs Ctrl (log)) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------------------------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | SEPH (Cn) | | | | | |
| 1392933_at | --- | --- | --- | Rn_9084 | BF28704 | 4.12 | 3.22 | 4.17 | 4.92 | 6.1 | 5.15 | 2.08 | up | 3.72E-02 | 1.95E-01 | UR | --- | | |
| 1398652_at | Chka | choline kinase alpha | 21194 | Rn_10985 | AV140851 | 3.97 | 4.78 | 6.02 | 3.91 | 3.95 | 4.73 | 2.08 | down | 1.53E-01 | 8.95E-01 | --- | --- | | |
| 1398737_at | Elna2p1 | ELN2 domain containing protein 1 | 14021 | Rn_26988 | BQ26160 | 7.12 | 6.87 | 7.12 | 6.87 | 7.12 | 6.87 | 2.08 | down | 2.62E-02 | 7.91E-01 | --- | --- | | |
| 1398745_at | Ck2 | CDC-like kinase 2 | 365842 | Rn_17201 | BF284224 | 6.74 | 7.56 | 6.54 | 4.71 | 6.49 | 6.47 | 2.08 | down | 1.87E-01 | 8.95E-01 | --- | --- | | |
| 1398755_at | Pf3a | protein disulfide isomerase family A, member 6 | 289096 | Rn_26855 | RN26855 | 6.11 | 7.08 | 6.11 | 7.08 | 6.11 | 7.08 | 2.08 | down | 5.91E-02 | 8.95E-01 | --- | --- | | |
| 1398758_at | --- | --- | --- | --- | BF544403 | 6.34 | 5.01 | 5.24 | 3.65 | 4.00 | 5.47 | 2.08 | down | 1.90E-01 | 8.95E-01 | --- | --- | | |
| 1398761_at | --- | --- | --- | --- | BQ74116 | 8.47 | 7.72 | 8.33 | 7.42 | 6.93 | 7.00 | 2.08 | down | 1.84E-02 | 8.95E-01 | DR | --- | | |
| 1398762_at | --- | --- | --- | --- | BQ117817 | 8.22 | 6.80 | 8.14 | 6.19 | 6.17 | 7.17 | 2.08 | down | 1.19E-01 | 8.95E-01 | --- | --- | | |
| 1398763_at | --- | --- | --- | --- | NM_133811 | 3.46 | 3.75 | 3.62 | 3.78 | 5.54 | 4.88 | 2.08 | up | 8.88E-02 | 8.95E-01 | --- | --- | | |
| 1398764_at | --- | --- | --- | --- | NM_133811 | 7.19 | 5.67 | 6.23 | 4.84 | 4.84 | 5.38 | 2.08 | down | 1.07E-01 | 8.95E-01 | --- | --- | | |
| 1398765_at | --- | --- | --- | --- | BF522237 | 4.00 | 3.50 | 4.00 | 4.00 | 5.91 | 5.68 | 2.08 | down | 4.23E-02 | 8.95E-01 | --- | --- | | |
| 1398766_at | --- | --- | --- | --- | BM393299 | 4.27 | 6.10 | 6.11 | 6.45 | 6.80 | 6.78 | 2.08 | up | 2.06E-01 | 8.95E-01 | UR | --- | | |
| 1398767_at | --- | --- | --- | --- | BQ20665 | 5.35 | 5.70 | 5.25 | 2.91 | 2.93 | 5.42 | 2.08 | down | 5.83E-03 | 8.95E-01 | --- | --- | | |
| 1398768_at | --- | --- | --- | --- | BG655592 | 5.39 | 5.07 | 4.51 | 3.29 | 4.08 | 4.03 | 2.08 | down | 8.40E-02 | 8.95E-01 | UR | --- | | |
| 1398769_at | --- | --- | --- | --- | AE044427 | 7.55 | 7.12 | 6.73 | 6.32 | 5.53 | 6.39 | 2.08 | down | 4.43E-02 | 8.95E-01 | DR | --- | | |
| 1398770_at | --- | --- | --- | --- | RN18922 | 4.89 | 3.18 | 4.65 | 2.89 | 3.45 | 3.25 | 2.08 | down | 1.33E-01 | 8.95E-01 | --- | --- | | |
| 1398771_at | --- | --- | --- | --- | BQ11071 | 4.43 | 5.27 | 4.64 | 5.48 | 5.82 | 6.19 | 2.08 | up | 3.14E-02 | 8.95E-01 | UR | --- | | |
| 1398772_at | --- | --- | --- | --- | AT197607 | 7.52 | 7.38 | 7.97 | 6.25 | 6.70 | 7.74 | 2.08 | down | 1.19E-02 | 8.95E-01 | --- | --- | | |
| 1398773_at | --- | --- | --- | --- | BF409115 | 5.34 | 5.65 | 6.34 | 5.22 | 4.57 | 4.38 | 2.08 | down | 5.47E-02 | 8.95E-01 | UR | --- | | |
| 1398774_at | --- | --- | --- | --- | NM_021842 | 9.54 | 8.09 | 7.91 | 7.33 | 9.73 | 5.33 | 2.08 | down | 4.86E-01 | 8.95E-01 | UR | --- | | |
| 1398775_at | --- | --- | --- | --- | AW144664 | 5.84 | 4.32 | 4.29 | 3.65 | 3.90 | 4.02 | 2.08 | down | 1.19E-01 | 8.95E-01 | --- | --- | | |
| 1398776_at | --- | --- | --- | --- | BQ670310 | 2.58 | 2.88 | 2.81 | 2.57 | 2.72 | 2.52 | 2.08 | up | 3.53E-01 | 8.95E-01 | --- | --- | | |
| 1398777_at | --- | --- | --- | --- | AD122388 | 5.31 | 5.17 | 6.14 | 5.05 | 3.65 | 5.46 | 2.08 | down | 1.88E-01 | 8.95E-01 | --- | --- | | |
| 1398778_at | --- | --- | --- | --- | RN_23485 | A007847 | 4.32 | 4.16 | 3.15 | 5.13 | 4.79 | 4.86 | 2.08 | up | 5.19E-02 | 8.95E-01 | --- | --- | |
| 1398779_at | --- | --- | --- | --- | BF407685 | 4.19 | 2.90 | 5.97 | 2.91 | 2.93 | 5.48 | 2.08 | down | 2.28E-01 | 8.95E-01 | UR | --- | | |
| 1398780_at | --- | --- | --- | --- | BF550271 | 8.23 | 7.60 | 8.37 | 7.54 | 7.10 | 6.42 | 2.08 | down | 5.86E-02 | 8.95E-01 | UR | --- | | |
| 1398781_at | --- | --- | --- | --- | AD076401 | 6.31 | 4.72 | 5.02 | 3.59 | 5.23 | 4.29 | 2.08 | down | 2.19E-01 | 8.95E-01 | UR | --- | | |
| 1398782_at | --- | --- | --- | --- | AR010721 | 8.68 | 6.04 | 7.44 | 5.58 | 5.66 | 5.78 | 2.08 | down | 8.29E-02 | 8.95E-01 | --- | --- | | |
| 1398783_at | --- | --- | --- | --- | AA818380 | 5.40 | 3.42 | 4.70 | 3.58 | 3.31 | 3.49 | 2.08 | down | 1.48E-01 | 8.95E-01 | UR | --- | | |
| 1398784_at | --- | --- | --- | --- | BF281921 | 4.67 | 4.89 | 5.37 | 4.74 | 7.84 | 5.81 | 2.08 | up | 2.60E-01 | 8.95E-01 | --- | --- | | |
| 1398785_at | --- | --- | --- | --- | AW144664 | 6.79 | 3.92 | 7.14 | 6.32 | 6.01 | 6.16 | 2.08 | down | 8.85E-02 | 8.95E-01 | --- | --- | | |
| 1398786_at | --- | --- | --- | --- | BF397730 | 5.28 | 2.44 | 2.42 | 2.26 | 2.41 | 2.32 | 2.08 | down | 3.32E-01 | 8.95E-01 | --- | --- | | |
| 1398787_at | --- | --- | --- | --- | BF22194 | 3.09 | 2.94 | 3.26 | 3.27 | 3.21 | 3.27 | 2.08 | down | 2.03E-01 | 8.95E-01 | --- | --- | | |
| 1398788_at | --- | --- | --- | --- | BE116888 | 2.81 | 2.80 | 2.40 | 3.20 | 5.13 | 2.81 | 2.08 | up | 2.25E-01 | 8.95E-01 | --- | --- | | |
| 1398789_at | --- | --- | --- | --- | BQ166653 | 3.87 | 4.57 | 4.50 | 3.23 | 3.23 | 3.24 | 2.08 | down | 1.00E-02 | 8.95E-01 | DR | --- | | |
| 1398790_at | --- | --- | --- | --- | BF418927 | 2.67 | 2.53 | 2.66 | 2.59 | 2.53 | 2.66 | 2.08 | down | 3.73E-02 | 8.95E-01 | --- | --- | | |
| 1398791_at | --- | --- | --- | --- | NM_022703 | 6.07 | 6.70 | 7.21 | 5.85 | 5.85 | 5.15 | 2.08 | down | 6.11E-02 | 8.95E-01 | --- | --- | | |
| 1398792_at | --- | --- | --- | --- | BF409269 | 4.05 | 4.26 | 4.22 | 4.05 | 4.26 | 4.26 | 2.08 | down | 4.48E-02 | 8.95E-01 | --- | --- | | |
| 1398793_at | --- | --- | --- | --- | AF210250 | 6.85 | 4.40 | 7.51 | 7.02 | 4.15 | 4.76 | 2.08 | down | 4.39E-01 | 8.95E-01 | UR | --- | | |
| 1398794_at | --- | --- | --- | --- | RN_98199 | BQ28455 | 8.35 | 7.17 | 7.46 | 6.70 | 6.35 | 6.79 | 2.08 | down | 5.13E-02 | 8.95E-01 | UR | --- | |
| 1398795_at | --- | --- | --- | --- | RN_52598 | BQ28473 | 3.85 | 4.49 | 3.85 | 4.49 | 3.85 | 4.49 | 2.08 | down | 6.79E-02 | 8.95E-01 | UR | --- | |
| 1398796_at | --- | --- | --- | --- | AD10275 | 5.19 | 4.63 | 5.04 | 3.84 | 3.38 | 4.50 | 2.08 | down | 4.68E-02 | 8.95E-01 | DR | --- | | |
| 1398797_at | --- | --- | --- | --- | AA344776 | 5.51 | 6.34 | 6.55 | 7.33 | 6.88 | 7.32 | 2.08 | up | 4.05E-02 | 8.95E-01 | UR | --- | | |
| 1398798_at | --- | --- | --- | --- | BF320498 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 2.08 | down | 3.75E-02 | 8.95E-01 | UR | --- | | |
| 1398799_at | --- | --- | --- | --- | NM_050335 | 7.23 | 6.47 | 5.50 | 6.97 | 8.33 | 7.03 | 2.08 | up | 1.93E-01 | 8.95E-01 | UR | --- | | |
| 1398800_at | --- | --- | --- | --- | BF407685 | 4.07 | 4.08 | 4.07 | 4.08 | 4.07 | 4.08 | 2.08 | down | 2.06E-01 | 8.95E-01 | UR | --- | | |
| 1398801_at | --- | --- | --- | --- | BF522027 | 5.64 | 6.13 | 3.93 | 5.85 | 7.52 | 5.46 | 2.08 | up | 3.20E-01 | 8.95E-01 | --- | --- | | |
| 1398802_at | --- | --- | --- | --- | BF180032 | 5.52 | 2.45 | 2.65 | 2.89 | 2.52 | 2.48 | 2.08 | down | 3.52E-01 | 8.95E-01 | --- | --- | | |
| 1398803_at | --- | --- | --- | --- | BM38759 | 6.00 | 5.23 | 7.00 | 5.05 | 4.70 | 5.02 | 2.08 | down | 1.70E-01 | 8.95E-01 | --- | --- | | |
| 1398804_at | --- | --- | --- | --- | BF320498 | 6.14 | 6.17 | 5.65 | 4.70 | 4.70 | 4.70 | 2.08 | down | 5.58E-02 | 8.95E-01 | --- | --- | | |
| 1398805_at | --- | --- | --- | --- | BM38280 | 3.26 | 3.22 | 3.23 | 3.53 | 5.02 | 3.90 | 2.08 | up | 4.70E-02 | 8.95E-01 | UR | --- | | |
| 1398806_at | --- | --- | --- | --- | BF284445 | 3.07 | 3.43 | 3.03 | 5.00 | 3.19 | 4.46 | 2.08 | up | 1.33E-01 | 8.95E-01 | UR | --- | | |
| 1398807_at | --- | --- | --- | --- | BF410768 | 7.08 | 6.88 | 7.39 | 5.89 | 5.89 | 6.01 | 2.08 | down | 2.58E-01 | 8.95E-01 | UR | --- | | |
| 1398808_at | --- | --- | --- | --- | NM_031688 | 5.07 | 5.76 | 6.21 | 5.12 | 3.53 | 4.69 | 2.08 | down | 2.01E-01 | 8.95E-01 | UR | --- | | |
| 1398809_at | --- | --- | --- | --- | AV14253 | 5.48 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 2.08 | down | 3.71E-01 | 8.95E-01 | --- | --- | | |
| 1398810_at | --- | --- | --- | --- | NM_015209 | 6.19 | 6.19 | 6.19 | 6.19 | 6.19 | 6.19 | 2.08 | down | 6.19E-01 | 8.95E-01 | --- | --- | | |
| 1398811_at | --- | --- | --- | --- | BM32394 | 4.18 | 4.88 | 3.62 | 5.08 | 5.19 | 5.52 | 2.08 | up | 5.31E-02 | 8.95E-01 | --- | --- | | |
| 1398812_at | --- | --- | --- | --- | RN_138124 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.08 | down | 2.67E-01 | 8.95E-01 | --- | --- | | |
| 1398813_at | --- | --- | --- | --- | RN_1806 | BF141054 | 2.39 | 2.38 | 2.49 | 2.39 | 2.39 | 2.37 | 2.08 | down | 3.73E-01 | 8.95E-01 | UR | --- | |
| 1398814_at | --- | --- | --- | --- | NM_024831 | 3.08 | 2.73 | 2.70 | 4.08 | 4.01 | 3.53 | 2.08 | up | 7.97E-02 | 8.95E-01 | --- | --- | | |
| 1398815_at | --- | --- | --- | --- | RN_169393 | 8.75 | 8.74 | 8.68 | 10.15 | 10.15 | 9.68 | 2.08 | down | 4.17E-01 | 8.95E-01 | UR | --- | | |
| 1398816_at | --- | --- | --- | --- | BF283990 | 5.47 | 6.93 | 5.38 | 6.33 | 7.42 | 7.14 | 2.08 | up | 1.60E-01 | 8.95E-01 | UR | --- | | |
| 1398817_at | --- | --- | --- | --- | RN_1885 | A117002 | 9.62 | 9.96 | 10.52 | 10.84 | 10.88 | 2.08 | up | 7.20E-01 | 8.95E-01 | UR | --- | | |
| 1398818_at | --- | --- | --- | --- | AG58485 | 2.68 | 3.74 | 5.19 | 3.17 | 2.84 | 3.29 | 2.08 | down | 1.25E-01 | 8.95E-01 | UR | --- | | |
| 1398819_at | --- | --- | --- | --- | AA08927 | 4.89 | 5.78 | 6.54 | 6.27 | 7.38 | 6.67 | 2.08 | up | 1.47E-01 | 8.95E-01 | UR | --- | | |
| 1398820_at | --- | --- | --- | --- | BM38280 | 3.26 | 3.22 | 3.23 | 3.53 | 5.02 | 3.90 | 2.08 | up | 2.05E-01 | 8.95E-01 | UR | --- | | |
| 1398821_at | --- | --- | --- | --- | AA097522 | 5.48 | 5.55 | 4.37 | 4.51 | 2.85 | 4.94 | 2.08 | down | 2.35E-01 | 8.95E-01 | UR | --- | | |
| 1398822_at | --- | --- | --- | --- | BF396345 | 4.28 | 6.10 | 6.08 | 5.62 | 8.35 | 5.85 | 2.08 | up | 4.00E-01 | 8.95E-01 | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | FC(A/B) | Residual | Unpaired t-test vs C14 (p-value) | C14 vs C15 (p-value) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEFP (C1) | SEFP (C2) | SEFP (C3) | SEFP (C4) | SEFP (C5) | SEFP (C6) | SEFP (C7) | SEFP (C8) | SEFP (C9) | | | | | | |
| 1378160_at | Fms1 | ferric-chelate reductase 1 | 310810 | Rn.162616 | A1179412 | 7.58 | 6.03 | 7.71 | 6.88 | 6.85 | 6.85 | 6.85 | 1.91 | down | 3.75E-01 | 8.95E-01 | - | - | | |
| 1380552_at | Tspan8 | tetraspanin 8 | 171048 | Rn.6087 | NM_133268 | 2.95 | 3.32 | 2.81 | 3.69 | 4.05 | 3.23 | 1.91 | up | 1.98E-01 | 8.95E-01 | - | - | | | |
| 1380554_at | Coc2b | coiled-coil domain containing 25 | 1380554 | Rn.1380554 | 6.60 | 7.26 | 7.04 | 7.26 | 7.04 | 7.26 | 7.13 | 1.90 | down | 1.62E-01 | 8.95E-01 | - | - | | | |
| 1374667_at | Int3 | inhibitor of growth family, member 2 | 203465 | Rn.23465 | AW433842 | 2.75 | 2.63 | 2.55 | 2.85 | 4.89 | 2.97 | 1.90 | up | 2.34E-01 | 8.95E-01 | - | - | | | |
| 1380129_at | Int4 | inhibitor of growth family, member 2 | 203466 | Rn.23466 | AW433842 | 6.45 | 6.45 | 6.68 | 6.45 | 6.68 | 6.45 | 1.90 | down | 1.28E-01 | 8.95E-01 | - | - | | | |
| 1374295_at | Pdmd4 | polymerase (RNA) mitochondrial (DNA directed) | 299604 | Rn.24623 | AC233086 | 4.67 | 3.92 | 4.66 | 4.81 | 4.05 | 3.80 | 1.90 | down | 3.77E-01 | 8.95E-01 | - | - | | | |
| 1378855_5_at | Col8a1 | DENM1MAD domain containing 4B | 361987 | Rn.22411 | A011710 | 3.61 | 3.65 | 3.63 | 4.79 | 5.22 | 4.38 | 1.90 | up | 5.11E-02 | 8.95E-01 | - | - | | | |
| 1374331_at | C13orf11 | lysine and ADAM-like domain containing 2 | 159431 | Rn.76547 | U41002 | 4.48 | 4.52 | 4.48 | 4.52 | 4.48 | 4.52 | 1.90 | down | 1.87E-01 | 8.95E-01 | - | - | | | |
| 1374732_at | Hesx2c | hemikaryine type II acetylcholine inducing 2 | 303580 | Rn.406 | B278503 | 3.25 | 3.30 | 3.24 | 3.30 | 3.21 | 3.09 | 1.90 | down | 2.48E-01 | 8.95E-01 | - | - | | | |
| 1380587_at | 1380587 | similar to Bcl-2-like domain containing 1 | 1380587 | Rn.1380587 | 6.02 | 7.28 | 6.99 | 8.20 | 6.54 | 6.55 | 7.28 | 1.90 | down | 1.88E-01 | 8.95E-01 | - | - | | | |
| 1369436_at | Agr1b | angiogenin II receptor, type 1b | 81838 | Rn.5815 | NM_013009 | 2.55 | 2.63 | 2.51 | 2.52 | 2.57 | 2.45 | 1.90 | down | 3.45E-01 | 8.95E-01 | - | - | | | |
| 1383372_at | Zfp90c | zinc finger, DHH domain containing 6 | 361771 | Rn.19409 | BF14797 | 4.94 | 6.32 | 5.90 | 7.03 | 6.11 | 6.80 | 1.90 | up | 1.34E-01 | 8.95E-01 | - | - | | | |
| 1380841_at | Am22 | archoyosin family metalloproteinase 2 | 306500 | Rn.15408 | A1172403 | 2.69 | 5.50 | 4.16 | 5.18 | 4.38 | 5.96 | 1.90 | up | 3.54E-01 | 8.95E-01 | - | - | | | |
| 1390863_at | Sc19a2 | solute carrier family 19 (thiamine transporter), member 2 | 289175 | Rn.19388 | BF283298 | 4.48 | 6.35 | 6.56 | 5.94 | 6.79 | 4.49 | 1.90 | up | 3.46E-01 | 8.95E-01 | - | - | | | |
| 1370709_at | Sc19a3 | solute carrier family 19 (metal ion transporter), member 8 | 294545 | Rn.28231 | BM388442 | 9.64 | 9.66 | 10.38 | 8.75 | 8.84 | 9.32 | 1.90 | down | 3.72E-02 | 8.95E-01 | - | - | | | |
| 1383451_at | Waa2 | WD repeat and SOCS box-containing 2 | 288992 | Rn.40923 | AB849210 | 5.13 | 3.51 | 4.01 | 5.33 | 5.01 | 5.33 | 1.90 | down | 1.77E-01 | 8.95E-01 | - | - | | | |
| 1374221_at | RGD156108 | similar to RIKEN cDNA Z700081015 | 499309 | Rn.162490 | U27598 | 3.63 | 3.09 | 2.78 | 4.08 | 4.87 | 3.30 | 1.90 | up | 1.51E-01 | 8.95E-01 | - | - | | | |
| 1380751_at | Sba1l | statin RNA binding protein homolog 1 (Drosophila) | 64496 | Rn.8029 | NM_025438 | 5.25 | 6.41 | 5.10 | 6.33 | 6.33 | 7.40 | 1.90 | up | 1.62E-01 | 8.95E-01 | - | - | | | |
| 1380907_at | Rhoa | ras homology gene family, member G | 54248 | Rn.14169 | NM_035222 | 5.74 | 5.21 | 4.27 | 5.55 | 6.12 | 6.31 | 1.90 | up | 1.92E-01 | 8.95E-01 | - | - | | | |
| 1374232_at | Pk3ca | phosphatidylinositol 3-kinase, catalytic, alpha polypeptide | 170911 | Rn.44193 | BI206999 | 6.28 | 6.65 | 6.59 | 6.74 | 7.34 | 7.00 | 1.90 | up | 8.95E-02 | 8.95E-01 | - | - | | | |
| 1380596_at | RGD156096 | similar to Bcl-2-like domain containing 1 | 309763 | Rn.787 | BF283779 | 6.58 | 6.51 | 6.60 | 4.85 | 5.82 | 6.05 | 1.90 | down | 2.72E-02 | 8.95E-01 | - | - | | | |
| 1379837_at | RGD156293 | similar to c-myc promoter-binding protein | 315796 | Rn.21843 | BG670537 | 4.63 | 4.12 | 3.59 | 4.80 | 4.94 | 5.37 | 1.90 | up | 5.58E-02 | 8.95E-01 | - | - | | | |
| 1375686_at | Sh | shatinin | 313017 | Rn.14579 | BF146337 | 4.07 | 3.05 | 3.03 | 3.12 | 3.13 | 3.13 | 1.90 | down | 1.85E-01 | 8.95E-01 | - | - | | | |
| 1374668_at | Smrca1 | Swi/SNF related matrix associated, actin dependent regulator of chromatin, subunit 1 (polycomb target) (angiotensinase II) | 203118 | Rn.14767 | AB285118 | 2.33 | 2.33 | 2.47 | 2.33 | 2.35 | 2.32 | 1.90 | down | 3.75E-01 | 8.95E-01 | - | - | | | |
| 1373705_at | Hsp90 | hydroxysteroid-glucocorticoid 15 (NAD) | 79242 | Rn.6388 | AB488820 | 7.98 | 6.18 | 7.08 | 5.89 | 6.69 | 5.87 | 1.89 | down | 1.87E-01 | 8.95E-01 | - | - | | | |
| 1380824_at | Cad11 | cadherin | 25687 | Rn.20408 | BM351216 | 5.44 | 5.71 | 6.56 | 6.62 | 6.45 | 7.40 | 1.89 | up | 1.08E-01 | 8.95E-01 | - | - | | | |
| 1380330_at | --- | --- | --- | Rn.153618 | BF402684 | 3.22 | 3.29 | 2.48 | 4.43 | 3.59 | 3.77 | 1.89 | down | 6.83E-02 | 8.95E-01 | - | - | | | |
| 1379542_at | Agl8 | asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog (S. pombe) | 203129 | Rn.203129 | BI207504 | 3.94 | 4.22 | 3.43 | 5.10 | 5.10 | 4.18 | 1.89 | up | 7.82E-02 | 8.95E-01 | - | - | | | |
| 1373252_at | LOC32025 | similar to formin-like 3 protein | 302025 | Rn.16103 | A411936 | 5.15 | 3.92 | 4.59 | 3.12 | 4.84 | 3.14 | 1.89 | down | 2.07E-01 | 8.95E-01 | - | - | | | |
| 1380523_at | Lys9e2 | lysine 9, putative peptidoglycan-binding, domain containing 3 | 203204 | Rn.12038 | BE102320 | 2.60 | 2.58 | 2.64 | 2.62 | 2.51 | 2.75 | 1.89 | down | 3.26E-01 | 8.95E-01 | - | - | | | |
| 1378433_at | LOC32025 | similar to formin-like 3 protein | 302025 | Rn.141453 | A411936 | 5.15 | 3.92 | 4.59 | 3.12 | 4.84 | 3.14 | 1.89 | down | 2.07E-01 | 8.95E-01 | - | - | | | |
| 1380432_at | Pbx2 | pre-B-cell leukemia homeobox, domain containing 3 | 401644 | Rn.2501 | BE110106 | 5.45 | 6.37 | 6.44 | 7.51 | 6.44 | 7.06 | 1.89 | up | 1.05E-01 | 8.95E-01 | - | - | | | |
| 1374241_at | Thap7 | THAP domain containing 7 | 297846 | Rn.29455 | A1237896 | 5.94 | 6.07 | 6.17 | 5.94 | 7.49 | 5.94 | 1.89 | up | 2.06E-01 | 8.95E-01 | - | - | | | |
| 1377909_at | LOC320184 | similar to LOC320184 | 318184 | Rn.18184 | BE118719 | 6.49 | 7.02 | 6.97 | 6.49 | 6.99 | 6.99 | 1.89 | down | 4.13E-02 | 8.95E-01 | - | - | | | |
| 1371484_at | LOC309349 | hypothetical protein LOC309349 | 690349 | Rn.198540 | BM302522 | 7.02 | 7.18 | 6.75 | 6.53 | 5.36 | 6.30 | 1.89 | down | 7.28E-02 | 8.95E-01 | - | - | | | |
| 1380469_at | Coc1a1 | coiled-coil domain containing 1 | 114510 | Rn.114510 | BF108423 | 2.25 | 2.29 | 2.69 | 2.25 | 2.29 | 2.69 | 1.89 | down | 3.33E-01 | 8.95E-01 | - | - | | | |
| 1391199_at | Fad5 | Fas (TNFRSF6)-associated via death domain | 286610 | Rn.16183 | BE100715 | 3.77 | 4.43 | 6.24 | 4.36 | 2.98 | 4.34 | 1.89 | down | 3.50E-01 | 8.95E-01 | - | - | | | |
| 1371369_at | Col2a2 | collagen, type II, alpha 2 | 361821 | Rn.128903 | BI287851 | 3.55 | 2.30 | 4.18 | 2.64 | 2.32 | 2.30 | 1.89 | down | 1.75E-01 | 8.95E-01 | - | - | | | |
| 1391262_at | Papc1 | papain-like cysteine protease 1 | 302910 | Rn.15408 | BF381444 | 4.26 | 4.16 | 4.16 | 3.42 | 3.42 | 2.73 | 1.89 | down | 2.73E-01 | 8.95E-01 | - | - | | | |
| 1369493_at | Procr1 | proctanin receptor | 24684 | Rn.87957 | NM_012630 | 7.84 | 8.37 | 8.35 | 7.54 | 6.86 | 7.80 | 1.89 | down | 7.55E-02 | 8.95E-01 | - | - | | | |
| 1390926_at | Pgfr | prostaglandin F receptor | 25652 | Rn.97002 | AA71077 | 4.91 | 2.50 | 2.98 | 2.58 | 2.59 | 2.47 | 1.89 | down | 2.80E-01 | 8.95E-01 | - | - | | | |
| 1373290_at | RGD130495 | similar to RIKEN cDNA 6330416G3 gene | 298104 | Rn.15144 | AA071778 | 6.30 | 6.47 | 7.14 | 6.85 | 7.96 | 7.85 | 1.89 | up | 1.04E-01 | 8.95E-01 | - | - | | | |
| 1391177_at | --- | --- | --- | Rn.198417 | BF108423 | 4.29 | 6.03 | 6.49 | 5.89 | 6.03 | 6.49 | 1.89 | down | 3.75E-01 | 8.95E-01 | - | - | | | |
| 1370047_at | Enpp1 | ectonucleotide diphosphate phosphatase homologue 1 | 64546 | Rn.1199 | NM_035335 | 3.56 | 5.10 | 5.26 | 6.26 | 5.27 | 5.14 | 1.89 | up | 2.30E-01 | 8.95E-01 | - | - | | | |
| 1390548_at | --- | --- | --- | Rn.205658 | BF380377 | 2.50 | 4.29 | 3.99 | 2.91 | 2.61 | 2.91 | 1.89 | down | 1.02E-01 | 8.95E-01 | - | - | | | |
| 1391108_at | --- | --- | --- | Rn.205658 | BM37813 | 3.08 | 3.08 | 3.05 | 2.98 | 2.99 | 3.15 | 1.89 | down | 2.91E-01 | 8.95E-01 | - | - | | | |
| 1374670_at | RGD130772 | similar to hypothetical protein MCG2700 | 326824 | Rn.93047 | BM384543 | 4.18 | 4.45 | 4.48 | 4.91 | 5.77 | 5.18 | 1.89 | up | 2.79E-02 | 8.95E-01 | - | - | | | |
| 1378469_at | Tsm40b | translase of outer mitochondrial membrane 40 homolog B (yeast) | 304971 | Rn.117344 | BF407896 | 3.05 | 3.07 | 3.05 | 3.05 | 3.07 | 3.08 | 1.89 | down | 1.06E-01 | 8.95E-01 | - | - | | | |
| 1372145_at | Trna1 | transfer RNA synthetase | 294810 | Rn.12257 | BI28963 | 6.79 | 7.24 | 6.55 | 7.70 | 7.27 | 8.36 | 1.89 | down | 7.11E-02 | 8.95E-01 | - | - | | | |
| 1378652_at | C14orf1 | complement component 1, subcomponent, alpha polypeptide | 289566 | Rn.105647 | BF148957 | 2.55 | 2.45 | 2.42 | 3.48 | 4.15 | 2.54 | 1.89 | up | 1.22E-01 | 8.95E-01 | - | - | | | |
| 1384473_at | Mim3 | myosin I/II/III or moed-kinase leukemia (thromboxan, Drosophila) | 114510 | Rn.114510 | BF108423 | 2.25 | 2.29 | 2.69 | 2.25 | 2.29 | 2.69 | 1.89 | down | 3.33E-01 | 8.95E-01 | - | - | | | |
| 1372706_at | Hesx6 | hexaminase B | 294673 | Rn.203067 | AB828445 | 7.40 | 6.40 | 7.03 | 8.35 | 7.56 | 7.67 | 1.89 | up | 7.52E-02 | 8.95E-01 | - | - | | | |
| 1378281_at | Gm | granulin | 29143 | Rn.147627 | U070975 | 2.52 | 2.65 | 5.11 | 2.50 | 2.54 | 2.51 | 1.89 | down | 3.36E-01 | 8.95E-01 | - | - | | | |
| 1391693_at | Trn2 | trypsin-like serine protease 2 | 29143 | Rn.147627 | U070975 | 2.52 | 2.65 | 5.11 | 2.50 | 2.54 | 2.51 | 1.89 | down | 3.36E-01 | 8.95E-01 | - | - | | | |
| 1371731_at | Gm2 | granulin | 29143 | Rn.147627 | U070975 | 2.52 | 2.65 | 5.11 | 2.50 | 2.54 | 2.51 | 1.89 | down | 3.36E-01 | 8.95E-01 | - | - | | | |
| 1391741_at | Trn2 | trypsin-like serine protease 2 | 29143 | Rn.147627 | U070975 | 2.52 | 2.65 | 5.11 | 2.50 | 2.54 | 2.51 | 1.89 | down | 3.36E-01 | 8.95E-01 | - | - | | | |
| 1371224_at | E1d4 | eukaryotic translation initiation factor 4B | 300253 | Rn.95954 | BI27814 | 8.87 | 9.00 | 8.30 | 9.60 | 9.59 | 9.71 | 1.89 | down | 1.37E-02 | 8.95E-01 | - | - | | | |
| 1372946_at | RGD156274 | similar to RIKEN cDNA 110012L19 gene | 292328 | Rn.98979 | A411957 | 3.09 | 4.36 | 4.24 | 4.13 | 5.29 | 5.00 | 1.89 | up | 1.64E-01 | 8.95E-01 | - | - | | | |
| 1379633_at | LOC320184 | similar to RIKEN cDNA 6330416G3 gene | 298104 | Rn.15144 | AA071778 | 6.30 | 6.47 | 7.14 | 6.85 | 7.96 | 7.85 | 1.89 | up | 1.04E-01 | 8.95E-01 | - | - | | | |
| 1371712_at | Enpp1 | ectonucleotide diphosphate phosphatase homologue 1 | 64546 | Rn.1199 | NM_035335 | 3.56 | 5.10 | 5.26 | 6.26 | 5.27 | 5.14 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | FC/MScore | Resonance | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | | | | | | |
| 1732701_at | Gmpbb | GDP-mannose phosphorylase B | 363145 | Rn.102187 | BI285572 | 5.28 | 5.99 | 5.73 | 6.71 | 5.97 | 7.43 | 1.74 | up | 2.48E-01 | 8.95E-01 | | | | |
| 1732682_at | Ino80 | peroxodanin homolog (Drosophila) | 554172 | Rn.40541 | BM304701 | 2.49 | 2.76 | 2.67 | 2.49 | 2.55 | 2.48 | 1.74 | down | 3.06E-01 | 8.95E-01 | | | | |
| 1732681_at | Mad1 | mad1-like protein | 25617 | Rn.26455 | BI107678 | 7.57 | 7.97 | 7.59 | 8.16 | 8.69 | 7.24 | 1.74 | down | 2.23E-02 | 8.95E-01 | DR | | | |
| 1732674_at | Ino80 | INO80 homolog (S. cerevisiae) | 296084 | Rn.100690 | BI109001 | 2.71 | 3.28 | 2.67 | 3.11 | 4.59 | 3.36 | 1.74 | up | 1.83E-01 | 8.95E-01 | | | | |
| 1732673_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.07E-02 | 8.95E-01 | | | | |
| 1732672_at | Cy55611 | cytochrome b-561 domain containing 1 | 362017 | Rn.17547 | A010259 | 2.38 | 2.81 | 2.36 | 2.80 | 2.90 | 4.25 | 1.74 | up | 1.77E-01 | 8.95E-01 | | | | |
| 1732632_at | Ogdf1 | 2-oxoglutarate and iron-dependent oxygenase domain containing 1 receptor (chemosensory) transporter protein 4 | 360733 | Rn.164881 | A010759 | 5.90 | 5.92 | 5.96 | 5.08 | 4.63 | 5.07 | 1.74 | down | 2.72E-02 | 8.95E-01 | DR | | | |
| 1732631_at | h5 | immediate early response 5 | 465269 | Rn.465269 | BI285187 | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 | 1.74 | down | 1.52E-02 | 8.95E-01 | | | | |
| 1732630_at | Rh4 | proteoglycan protease, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 | 44475 | Rn.6531 | BI274491 | 4.27 | 5.09 | 4.01 | 4.38 | 3.22 | 4.27 | 1.74 | down | 1.81E-01 | 8.95E-01 | | | | |
| 1732629_at | Ppp3a | protein phosphatase 3, regulatory subunit B1 gamma isoform | 691318 | Rn.12153 | BF408443 | 5.42 | 6.02 | 4.62 | 6.24 | 5.41 | 6.81 | 1.74 | up | 2.35E-01 | 8.95E-01 | | | | |
| 1732628_at | LOC920274 | hypothetical protein LOC920274 | 690274 | Rn.6942 | A028893 | 5.68 | 6.05 | 5.47 | 5.78 | 6.17 | 5.65 | 1.74 | up | 3.85E-01 | 8.95E-01 | | | | |
| 1732620_at | RGD156639 | similar to MYST histone acetyltransferase gamma isoform | 305681 | Rn.21977 | BC379240 | 2.86 | 2.72 | 2.82 | 2.58 | 3.29 | 3.36 | 1.74 | down | 2.11E-02 | 8.95E-01 | UR | | | |
| 1732620_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.57E-01 | 8.95E-01 | | | | |
| 1732619_at | Fam134b | family with sequence similarity 134, member B | 619558 | Rn.165269 | BE109520 | 3.42 | 4.45 | 3.28 | 3.08 | 6.86 | 5.80 | 1.74 | down | 2.93E-02 | 8.95E-01 | UR | | | |
| 1732618_at | Kif16b | kinesin family member 16B | 314178 | Rn.7029 | BM382144 | 3.90 | 4.35 | 4.30 | 2.42 | 3.99 | 3.75 | 1.74 | down | 1.91E-01 | 8.95E-01 | | | | |
| 1732617_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.60E-01 | 8.95E-01 | | | | |
| 1732616_at | Pitm2 | phosphatidylinositol transfer protein, membrane-associated 2 | 304474 | Rn.75986 | BI289477 | 3.44 | 4.21 | 4.07 | 3.61 | 2.97 | 3.33 | 1.74 | down | 1.16E-01 | 8.95E-01 | | | | |
| 1732615_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | up | 3.10E-01 | 8.95E-01 | | | | |
| 1732614_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.70E-01 | 8.95E-01 | UR | | | |
| 1732613_at | Tpr | translocated promoter region | 304862 | Rn.58980 | BF381217 | 5.79 | 7.35 | 5.28 | 6.79 | 8.14 | 7.36 | 1.74 | up | 5.44E-01 | 8.95E-01 | | | | |
| 1732612_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | up | 1.73E-02 | 8.95E-01 | UR | | | |
| 1732611_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | up | 2.21E-01 | 8.95E-01 | | | | |
| 1732610_at | LOC88841 | similar to protein ENA57 | 686841 | Rn.119422 | BM529441 | 2.80 | 2.78 | 2.93 | 5.16 | 1.65 | 2.83 | 1.74 | up | 3.55E-01 | 8.95E-01 | | | | |
| 1732609_at | LOC84556 | similar to mitochondrial hepatocellular carcinoma-downregulated carrier protein | 684556 | Rn.165269 | BF392317 | 7.01 | 5.89 | 6.79 | 6.66 | 5.99 | 4.64 | 1.74 | down | 3.10E-01 | 8.95E-01 | | | | |
| 1732608_at | Fncx4 | F-box and leucine-rich repeat protein 4 | 313101 | Rn.12566 | A097732 | 3.03 | 3.11 | 2.77 | 3.30 | 4.33 | 3.67 | 1.74 | up | 6.92E-02 | 8.95E-01 | | | | |
| 1732607_at | LOC89034 | V-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) | 83805 | Rn.113909 | BI292932 | 9.12 | 4.40 | 6.53 | 4.58 | 5.62 | 4.47 | 1.74 | down | 3.47E-01 | 8.95E-01 | | | | |
| 1732606_at | Tm6c3 | transmembrane and coiled-coil domain family 3 | 314751 | Rn.19106 | BI246696 | 7.01 | 6.52 | 7.49 | 5.45 | 6.40 | 6.78 | 1.74 | down | 1.76E-01 | 8.95E-01 | | | | |
| 1732605_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.83E-01 | 8.95E-01 | | | | |
| 1732604_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.60E-01 | 8.95E-01 | | | | |
| 1732603_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732602_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732601_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732600_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732599_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732598_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732597_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732596_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732595_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732594_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732593_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732592_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732591_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732590_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732589_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732588_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732587_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732586_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732585_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732584_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732583_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732582_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732581_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732580_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732579_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732578_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732577_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732576_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732575_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732574_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732573_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732572_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732571_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732570_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732569_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732568_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732567_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732566_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732565_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732564_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732563_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732562_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.90E-01 | 8.95E-01 | | | | |
| 1732561_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 1.11E-01 | 8.95E-01 | | | | |
| 1732560_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 5.83E-02 | 8.95E-01 | | | | |
| 1732559_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 2.48E-01 | 8.95E-01 | | | | |
| 1732558_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 3.94E-01 | 8.95E-01 | | | | |
| 1732557_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.74 | down | 6.02E-02 | 8.95E-01 | | | | |
| 1732556_at | --- | --- | --- | --- | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | FC/MS/MS | Resonance | Unpaired t-test vs Ctl (p-value) | FC vs Ctl (p-value) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------------------------------|---------------------|-----|-----|
| 138613_at | Cebp | CCAAT/enhancer binding protein (CREB), delta | 25695 | Rn.202620 | NM_013154 | 4.63 | 3.23 | 2.33 | 2.32 | 2.33 | 2.31 | 1.71 | down | 3.72E-01 | 8.95E-01 | - | - | | |
| 137775_at | Bcl2 | BCL2 interacting domain death agonist | 64625 | Rn.31142 | BC068928 | 5.36 | 4.34 | 5.34 | 4.07 | 3.24 | 5.41 | 1.70 | down | 3.45E-01 | 8.95E-01 | - | - | | |
| 137172_at | Akna2 | RNA polymerase II transcription factor 3 (E. coli) | 652169 | Rn.302489 | U05219 | 4.41 | 5.32 | 5.04 | 7.02 | 6.87 | 7.24 | 1.70 | down | 2.52E-01 | 8.95E-01 | - | - | | |
| 138387_at | Gen1 | General transcription factor IIF, polypeptide 1 | 31123 | Rn.219323 | A050211 | 8.06 | 6.94 | 8.76 | 7.32 | 5.75 | 7.40 | 1.70 | down | 3.88E-01 | 8.95E-01 | - | - | | |
| 139535_at | Imp2 | Imprinted and acient, polypeptide 1 | 491798 | Rn.190651 | BC64101 | 2.71 | 2.70 | 2.71 | 3.78 | 3.97 | 2.89 | 1.70 | up | 1.24E-01 | 8.95E-01 | - | - | | |
| 137195_at | Tpr | Transcribed promoter region | 304862 | Rn.58980 | A023702 | 4.68 | 6.07 | 5.26 | 6.23 | 6.53 | 6.21 | 1.70 | up | 1.65E-01 | 8.95E-01 | - | - | | |
| 138214_at | Far1 | FRS3/RAC1/Arp2/3 complex domain protein 1 (chondrocyte-derived casein kinase 2, beta subunit) | 16150 | Rn.137692 | BF281311 | 6.61 | 7.24 | 6.60 | 7.53 | 6.88 | 7.53 | 1.70 | up | 2.18E-01 | 8.95E-01 | - | - | | |
| 138708_at | Scf6b5 | solute carrier family 16, member 6 (monocarboxylic acid transporter 7) | 287422 | Rn.157381 | U05219 | 4.06 | 4.00 | 4.07 | 4.32 | 5.07 | 3.63 | 1.70 | up | 2.18E-01 | 8.95E-01 | - | - | | |
| 137495_at | Scf6b1 | solute carrier family 16, member 6 (monocarboxylic acid transporter 7) | 287422 | Rn.344533 | BI279101 | 3.96 | 1.17 | 3.79 | 4.36 | 5.51 | 5.34 | 1.70 | up | 7.65E-02 | 8.95E-01 | - | - | | |
| 138428_at | ROD1566403 | similar to OTHUMP00000040081 | 502228 | Rn.138697 | AI043872 | 4.56 | 4.59 | 4.59 | 3.45 | 2.91 | 5.08 | 1.70 | down | 3.04E-01 | 8.95E-01 | - | - | | |
| 138713_at | Cy3 | nuclear ribonucleoprotein C | 170520 | Rn.105038 | NM_130744 | 5.54 | 4.52 | 3.37 | 3.51 | 4.69 | 3.03 | 1.70 | down | 3.80E-01 | 8.95E-01 | - | - | | |
| 137814_at | Sec1 | stress-activated endoplasmic reticulum protein 1 | 80881 | Rn.21119 | AI102695 | 6.90 | 7.52 | 7.48 | 8.06 | 7.82 | 8.33 | 1.70 | up | 3.78E-02 | 8.95E-01 | - | - | | |
| 137220_at | Ribp | ribosomal protein L16 | 18194 | Rn.18194 | BC073939 | 6.18 | 5.95 | 4.92 | 6.18 | 6.30 | 6.47 | 1.70 | up | 1.25E-01 | 8.95E-01 | - | - | | |
| 139348_at | Gpr137b | G protein-coupled receptor 137b | 292827 | Rn.60443 | BF42593 | 8.94 | 9.02 | 9.38 | 8.10 | 8.31 | 8.62 | 1.70 | down | 1.78E-02 | 8.95E-01 | - | - | | |
| 138874_at | LOC83877 | peroxisomal biogenesis factor 6 | 117285 | Rn.101076 | NM_157235 | 3.85 | 4.55 | 3.26 | 3.28 | 2.29 | 3.22 | 1.70 | up | 6.31E-02 | 8.95E-01 | - | - | | |
| 137134_at | Chn9f5 | similar to PRK11, RING-H2 motif containing coiled-coil-helix-coiled-coil-helix domain containing 6 | 653077 | Rn.195093 | BC372686 | 7.74 | 7.00 | 7.38 | 6.66 | 6.37 | 7.30 | 1.70 | up | 7.52E-02 | 8.95E-01 | - | - | | |
| 139881_at | Ynf1 | Ynf1 domain family, member 1 | 297436 | Rn.6212 | AW918650 | 3.92 | 3.25 | 3.93 | 3.94 | 4.73 | 4.73 | 1.70 | up | 9.02E-02 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.158447 | AF089139 | 6.83 | 6.32 | 7.36 | 6.65 | 6.06 | 5.50 | 1.70 | down | 1.61E-01 | 8.95E-01 | - | - | | |
| 138910_at | Ynf1 | Ynf1 domain family, member 1 | 297436 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 138748_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98 | 2.95 | 3.48 | 2.66 | 2.95 | 1.70 | down | 4.25E-01 | 8.95E-01 | - | - | | |
| 137891_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.6488 | AI177823 | 6.66 | 1.16 | 6.30 | 5.95 | 5.44 | 5.42 | 1.70 | down | 2.86E-02 | 8.95E-01 | - | - | | |
| 139389_at | Nduaf1 | NADH dehydrogenase (ubiquinone) alpha subcomplex, assembly factor 1 | 59087 | Rn.168877 | BF110219 | 5.45 | 2.98</ | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | | FC/MS/MS | Resonance | Unpaired (Set vs. Ctl) | Cilia (triplicates) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|------------------------|---------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | SEPH (Cn) | SEPI (Cn) | | | | | | |
| 1373888_at | Ac3p1 | adaptor-related protein complex 3, beta 1 subunit | 309969 | Rn.11685 | BE113312 | 6.77 | 5.81 | 5.27 | 5.20 | 5.80 | 4.59 | 6.17 | 1.67 | down | 3.91E-01 | 8.95E-01 | | | | | |
| 137876_at | Mpho8p8 | M-phase phosphoprotein 8 | 292070 | Rn.42579 | BI296154 | 5.22 | 6.25 | 6.30 | 8.97 | 8.97 | 8.97 | 8.97 | 1.67 | down | 3.91E-01 | 8.95E-01 | DR | | | | |
| 1396046_at | Sema5a | semaphorin 5, transmembrane domain (TM), and cytoplasmic domain, (semaphorin 5A) | 318151 | Rn.20241 | BE113312 | 6.77 | 5.81 | 5.27 | 5.20 | 5.80 | 4.59 | 6.17 | 1.67 | down | 3.91E-01 | 8.95E-01 | | | | | |
| 150255_at | Kcsk3 | potassium channel tetramerisation domain containing 3 | 305055 | Rn.19283 | BF542687 | 4.54 | 4.81 | 7.06 | 5.17 | 4.26 | 4.76 | 6.07 | 1.67 | down | 4.31E-01 | 9.95E-01 | | | | | |
| 1387792_at | Cdk3 | casein kinase 1, gamma 2 | 65278 | Rn.98151 | NM_022102 | 4.87 | 4.70 | 4.14 | 4.12 | 3.47 | 3.91 | 1.67 | down | 6.60E-02 | 9.95E-01 | | | | | | |
| 172377_at | Timm22 | translocase of inner mitochondrial membrane 5-dioxygenase 3 | 300152 | Rn.48853 | RN04070 | 4.92 | 5.10 | 4.51 | 4.51 | 4.51 | 4.51 | 4.51 | 1.67 | down | 2.13E-01 | 9.95E-01 | | | | | |
| 1390131_at | Sir | serine racemase | 303306 | Rn.22032 | BE112936 | 5.88 | 6.52 | 3.91 | 5.83 | 6.07 | 6.01 | 1.67 | up | 4.23E-01 | 9.95E-01 | | | | | | |
| 1370323_at | Timm22 | translocase of inner mitochondrial membrane 22 homolog (yeast) | 300152 | Rn.48853 | RN04070 | 4.92 | 5.10 | 4.51 | 4.51 | 4.51 | 4.51 | 4.51 | 1.67 | down | 2.13E-01 | 9.95E-01 | | | | | |
| 1377945_at | DepoD6 | DEP domain containing 6 | 314979 | Rn.103625 | A059803 | 6.04 | 6.24 | 6.33 | 5.03 | 6.24 | 6.55 | 6.27 | 1.66 | up | 1.39E-01 | 9.95E-01 | | | | | |
| 1380786_at | Mum4 | MORN repeat containing 4 | 202950 | Rn.17878 | AW52732 | 4.54 | 4.84 | 3.71 | 5.67 | 4.53 | 5.09 | 1.66 | up | 1.93E-01 | 9.95E-01 | | | | | | |
| 1372828_at | Map | Methylcrotonate hydratase 1 family, member L1 | 298227 | Rn.20271 | BI29369 | 7.21 | 6.83 | 5.75 | 7.81 | 6.96 | 7.02 | 1.66 | up | 2.19E-01 | 9.95E-01 | | | | | | |
| 139744_at | A0111 | alkaline dehydrogenase 1 family, member L1 | 64322 | Rn.11688 | NM_022547 | 8.98 | 8.90 | 9.84 | 8.69 | 7.02 | 9.33 | 1.66 | down | 1.85E-01 | 9.95E-01 | | | | | | |
| 1388437_at | Gif2 | general transcription factor IIB | 81673 | Rn.10109 | NM_031041 | 5.15 | 5.52 | 5.77 | 4.42 | 4.97 | 5.84 | 1.66 | down | 1.96E-01 | 9.95E-01 | | | | | | |
| 1377911_at | RGD1561474 | similar to oxysterol-binding protein-like protein 8 isoform A | 314824 | Rn.18226 | A028434 | 7.94 | 9.51 | 9.43 | 7.91 | 8.41 | 8.36 | 1.66 | down | 2.43E-01 | 9.95E-01 | | | | | | |
| 1376146_at | RGD1304387 | similar to RORC1 cDNA 231033709 | 303180 | Rn.21930 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1374566_at | Uba5d | UBX domain containing 5 | 290832 | Rn.204932 | A028084 | 3.04 | 3.27 | 3.66 | 5.64 | 4.84 | 6.25 | 1.66 | down | 3.21E-01 | 9.95E-01 | | | | | | |
| 1383622_at | Uba5d | UBX domain containing 5 | 290832 | Rn.204932 | A028084 | 3.04 | 3.27 | 3.66 | 5.64 | 4.84 | 6.25 | 1.66 | down | 3.21E-01 | 9.95E-01 | | | | | | |
| 1387349_at | Sur3 | signal sequence receptor, gamma | 81784 | Rn.3264 | BI28910 | 8.44 | 7.88 | 8.98 | 8.48 | 7.95 | 8.88 | 1.66 | up | 2.16E-01 | 9.95E-01 | | | | | | |
| 1375652_at | CisD2 | cytosine-rich with EGF-like domains 2 | 302978 | Rn.19168 | BE10688 | 7.46 | 8.20 | 7.40 | 8.45 | 7.73 | 9.09 | 1.66 | down | 1.93E-01 | 9.95E-01 | | | | | | |
| 1390547_at | Iff3 | interleukin enhancer binding factor 3 | 84472 | Rn.20381 | NM_053412 | 4.78 | 6.72 | 5.10 | 4.21 | 4.83 | 5.37 | 1.66 | down | 3.47E-01 | 9.95E-01 | | | | | | |
| 1390171_at | Fam78a | family with sequence similarity 78, member A | 302618 | Rn.27338 | A054317 | 5.96 | 5.74 | 4.53 | 6.20 | 6.21 | 6.01 | 1.66 | up | 1.78E-01 | 9.95E-01 | | | | | | |
| 1391670_at | Tnfr31 | tetraspanin 31 | 362890 | Rn.18220 | BE117620 | 2.89 | 3.61 | 3.60 | 3.59 | 4.89 | 3.93 | 1.66 | up | 1.71E-01 | 9.95E-01 | | | | | | |
| 1392584_at | Tnfr31 | tetraspanin 31 | 362890 | Rn.18220 | BE117620 | 2.89 | 3.61 | 3.60 | 3.59 | 4.89 | 3.93 | 1.66 | up | 1.71E-01 | 9.95E-01 | | | | | | |
| 1398811_at | Jbp1 | jumping translocation breakpoint | 29439 | Rn.91803 | NM_019213 | 5.96 | 6.43 | 7.10 | 7.19 | 6.83 | 7.66 | 1.66 | up | 1.49E-01 | 9.95E-01 | | | | | | |
| 1373740_at | Kcsk6 | potassium channel tetramerisation domain containing 6 | 305792 | Rn.10511 | BI29364 | 7.15 | 8.08 | 7.82 | 6.73 | 6.80 | 7.32 | 1.66 | down | 9.43E-02 | 9.95E-01 | | | | | | |
| 1388187_at | Rbl1 | retinoblastin 1 | 116644 | Rn.55126 | NM_033865 | 2.47 | 2.40 | 2.44 | 3.82 | 2.44 | 3.82 | 1.66 | down | 1.11E-01 | 9.95E-01 | | | | | | |
| 1371719_at | Uba5 | ubiquitin-like modifier activating enzyme 5 | 300968 | Rn.18210 | A040025 | 8.54 | 8.73 | 8.68 | 9.50 | 9.13 | 9.49 | 1.66 | up | 5.21E-03 | 9.95E-01 | UR | | | | | |
| 1378025_at | Iff1 | intermediate filament family cofilin 1 | 302437 | Rn.38922 | BE107682 | 5.25 | 5.27 | 3.42 | 3.42 | 3.42 | 3.42 | 1.66 | down | 5.33E-02 | 9.95E-01 | | | | | | |
| 1378043_at | Uba5 | ubiquitin-like modifier activating enzyme 5 | 300968 | Rn.18210 | A040025 | 8.54 | 8.73 | 8.68 | 9.50 | 9.13 | 9.49 | 1.66 | up | 5.21E-03 | 9.95E-01 | | | | | | |
| 1382763_at | LOC919121 | hypothetical protein LOC919121 | 619121 | Rn.81780 | AW92300 | 5.79 | 6.15 | 5.04 | 6.74 | 6.86 | 5.58 | 1.66 | up | 2.34E-01 | 9.95E-01 | | | | | | |
| 1391578_at | RGD1407128 | similar to RORC1 cDNA 231033709 | 311572 | Rn.204932 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1383118_at | Tnfr20 | transmembrane protein 20 | 312200 | Rn.72887 | BI28120 | 2.65 | 4.79 | 3.33 | 2.94 | 2.19 | 2.88 | 1.66 | down | 3.74E-01 | 9.95E-01 | | | | | | |
| 1390201_at | Dock9 | dedicator of cytokinesis 9 | 292927 | Rn.10431 | BF42295 | 6.63 | 4.48 | 5.44 | 4.39 | 4.54 | 4.52 | 1.66 | down | 3.81E-01 | 9.95E-01 | | | | | | |
| 1374651_at | Pu1 | PU.1 loop repeat containing 1 | 361352 | Rn.17290 | BI22284 | 3.78 | 5.00 | 4.63 | 5.48 | 5.06 | 5.03 | 1.66 | up | 1.37E-01 | 9.95E-01 | | | | | | |
| 1384946_at | Cx24b | connexin 24b | 309869 | Rn.38906 | BE10806 | 4.68 | 4.29 | 4.29 | 4.62 | 4.62 | 4.62 | 1.66 | down | 1.93E-01 | 9.95E-01 | | | | | | |
| 1397798_at | LOC588796 | hypothetical protein LOC588796 | 688796 | Rn.204932 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1374189_at | Zfp219 | zinc finger protein 219 | 305848 | Rn.20680 | BI268883 | 8.12 | 7.92 | 7.48 | 7.45 | 5.55 | 7.94 | 1.66 | down | 3.10E-01 | 9.95E-01 | | | | | | |
| 1389619_at | Mib18 | membrane-type 18 kDa | 28745 | Rn.10544 | A048374 | 4.64 | 5.85 | 4.58 | 5.97 | 5.56 | 5.75 | 1.66 | down | 2.81E-01 | 9.95E-01 | | | | | | |
| 1395251_at | Cldp1 | Craniofacial development protein 1 | 220207 | Rn.12876 | BF284859 | 7.09 | 7.78 | 7.02 | 7.99 | 8.30 | 7.78 | 1.66 | up | 6.28E-02 | 9.95E-01 | | | | | | |
| 1378712_at | Fhn1 | filamin 1 | 302524 | Rn.10220 | BE10484 | 6.11 | 6.80 | 6.24 | 6.11 | 6.48 | 6.48 | 1.66 | down | 1.67E-01 | 9.95E-01 | UR | | | | | |
| 1393366_at | LemD3 | LEM domain containing 3 | 680066 | Rn.92132 | BF21857 | 2.89 | 3.01 | 2.07 | 2.82 | 2.91 | 3.33 | 1.66 | up | 4.28E-01 | 9.95E-01 | | | | | | |
| 1393885_at | Pu3 | PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae) | 361995 | Rn.116267 | A097253 | 5.15 | 5.32 | 3.29 | 5.21 | 5.52 | 5.22 | 1.66 | up | 3.29E-01 | 9.95E-01 | | | | | | |
| 1378483_at | Pu2 | PRP2 pre-mRNA processing factor 2 homolog (S. cerevisiae) | 361995 | Rn.116267 | A097253 | 5.15 | 5.32 | 3.29 | 5.21 | 5.52 | 5.22 | 1.66 | up | 3.29E-01 | 9.95E-01 | | | | | | |
| 1376882_at | Uba4 | ubiquitin-like modifier activating enzyme 4 | 298862 | Rn.18210 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1383373_at | Ctln2 | leucine zipper and CTNBP1 domain containing 2 | 366507 | Rn.162132 | BI237399 | 3.56 | 4.01 | 5.93 | 3.87 | 3.07 | 4.57 | 1.66 | down | 4.40E-01 | 9.95E-01 | | | | | | |
| 1382659_at | Rnc3 | RNA helicase domain (RNP1, RRM) containing 3 | 311737 | Rn.17537 | A048409 | 3.51 | 4.07 | 3.51 | 4.07 | 3.51 | 4.07 | 1.66 | down | 2.81E-01 | 9.95E-01 | | | | | | |
| 1371243_at | Linc2 | CTNBP2 N-terminal like | 310780 | Rn.20549 | BF14250 | 3.99 | 5.18 | 3.91 | 4.72 | 4.99 | 5.55 | 1.66 | up | 2.02E-01 | 9.95E-01 | | | | | | |
| 1388973_at | Asrp | angio-associated, migratory cell protein | 301512 | Rn.10298 | BE10298 | 7.85 | 6.15 | 6.24 | 6.15 | 6.24 | 6.15 | 1.66 | down | 2.84E-01 | 9.95E-01 | | | | | | |
| 1376149_at | MIS | myofibrillogenesis or mixed-lineage leukemias 5 (Bithorax homolog, Drosophila) | 311968 | Rn.14778 | A069194 | 3.50 | 3.11 | 2.31 | 3.75 | 3.86 | 3.06 | 1.66 | up | 1.17E-01 | 9.95E-01 | | | | | | |
| 1388487_at | Dnajb12 | DNAJ (Hsp40) homolog, subfamily B, member 12 | 294513 | Rn.20419 | A081949 | 4.72 | 4.42 | 6.69 | 6.77 | 6.71 | 6.59 | 1.66 | up | 2.93E-01 | 9.95E-01 | | | | | | |
| 1389745_at | A69 | anion repeat and SOCS box containing 9 | 367785 | Rn.22749 | BI268316 | 5.12 | 6.72 | 5.95 | 4.34 | 2.69 | 3.57 | 1.66 | down | 4.28E-01 | 9.95E-01 | | | | | | |
| 1392986_at | Srn | serpin, cysteine-rich domain containing 1 | 291449 | Rn.37149 | A027620 | 5.07 | 6.67 | 4.62 | 6.72 | 6.67 | 6.69 | 1.66 | down | 4.69E-01 | 9.95E-01 | | | | | | |
| 1376808_at | Ta11 | transmembrane anterior posterior transformation 1 | 300666 | Rn.201834 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1376731_at | Ta11 | transmembrane anterior posterior transformation 1 | 300666 | Rn.201834 | BI28272 | 5.47 | 5.54 | 4.15 | 5.73 | 6.38 | 5.24 | 1.66 | up | 2.59E-01 | 9.95E-01 | | | | | | |
| 1372473_at | Tp1 | high junction protein 1 | 292994 | Rn.10171 | AV440448 | 5.69 | 5.75 | 4.96 | 6.47 | 6.03 | 6.08 | 1.66 | up | 6.75E-02 | 9.95E-01 | | | | | | |
| 1387969_at | Cxcl11a | C-X-C motif chemokine ligand 10 | 244920 | Rn.10584 | LI29250 | 2.24 | 2.35 | 2.54 | 2.54 | 2.54 | 2.54 | 1.66 | down | 1.93E-01 | 9.95E-01 | | | | | | |
| 1392872_at | Cxcl11a | C-X-C motif chemokine ligand 10, member A | 29313 | Rn.162423 | AV15768 | 5.56 | 2.31 | 2.32 | 3.38 | 2.34 | 2.29 | 1.66 | down | 5.58E-01 | 9.95E-01 | | | | | | |
| 1371243_at | Gmb3 | glutamate receptor, metabotropic 8 | 60599 | Rn.44420 | Y11153 | 4.58 | 2.41 | 2.44 | 2.42 | 2.44 | 2.40 | 1.66 | down | 3.68E-01 | 9.95E-01 | | | | | | |
| 1393243_at | Hmze | Hmze domain containing 1 | 680066 | Rn.92132 | BF21857 | 2.89 | 3.01 | 2.07 | 2.82 | 2.91 | 3.33 | 1.66 | up | 4.28E-01 | 9.95E-01 | | | | | | |
| 1371941_at | Pu3 | PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae) | 361995 | Rn.116267 | A097253 | 5.15 | 5.32 | 3.29 | 5.21 | 5.52 | 5.22 | 1.66 | up | 3.29E-01 | 9.95E-01 | | | | | | |
| 1378483_at | Pu2 | | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | FC/Abouse | Resonance | Unpaired t-test (vs. CH) (log) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------|-----|-----|
| | | | | | | SEPS (CH) | SEPA (CH) | SEPB (CH) | SEPC (CH) | SEPD (CH) | SEPE (CH) | SEPF (CH) | SEPG (CH) | SEPH (CH) | | | | | |
| 1384377_at | Dox28 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 28 | 364995 | Rn.140812 | B1248477 | 3.66 | 4.46 | 4.66 | 4.77 | 3.89 | 4.05 | 4.28 | 1.64 | up | 6.92E-02 | 8.95E-01 | - | - | |
| 1373753_at | RDG130347 | similar to RIKEN cDNA 2610282.11 | 362578 | Rn.202674 | BF044406 | 5.36 | 4.48 | 5.58 | 4.52 | 4.32 | 4.44 | 1.64 | down | 1.05E-01 | 8.95E-01 | - | - | | |
| 1389844_at | Wnr67 | WD repeat domain 67 | 299949 | Rn.39013 | B1289857 | 8.25 | 8.82 | 8.62 | 7.81 | 8.02 | 8.44 | 1.64 | up | 1.87E-01 | 8.95E-01 | DR | - | | |
| 1390987_at | Cas9f1 | caseinolytic enzyme related protein specific factor 3-like | 300554 | Rn.288165 | B1289858 | 3.27 | 2.86 | 2.69 | 2.47 | 2.38 | 2.47 | 1.64 | down | 5.98E-02 | 8.95E-01 | - | - | | |
| 1383188_at | cg_34418 | hypothetical protein LOC882828 | 688298 | Rn.164353 | B1162209 | 4.02 | 5.53 | 6.63 | 6.25 | 5.90 | 5.16 | 1.64 | up | 4.05E-01 | 8.95E-01 | - | - | | |
| 1372398_at | LOC259194 | similar to SUMO3/urin specific protease 2 | 295194 | Rn.19323 | AW530777 | 5.56 | 3.94 | 5.14 | 3.08 | 5.30 | 4.14 | 1.63 | down | 4.27E-01 | 8.95E-01 | - | - | | |
| 1373757_at | Tran1 | transmembrane protein containing 1 | 300554 | Rn.140812 | AW530778 | 7.29 | 6.29 | 6.13 | 5.72 | 5.29 | 7.31 | 1.63 | down | 3.40E-01 | 8.95E-01 | - | - | | |
| 1392812_at | Roc3c | Roc-associated coiled-coil containing protein kinase 3 | 203475 | Rn.203475 | AW142682 | 9.28 | 9.10 | 8.87 | 7.90 | 8.28 | 8.96 | 1.63 | down | 1.02E-01 | 8.95E-01 | - | - | | |
| 1391905_at | Pwp2 | PWP2 protein tyrosin phosphatase (kinase) | 29927 | Rn.200179 | BE109810 | 6.06 | 6.10 | 6.63 | 5.66 | 6.21 | 6.21 | 1.63 | down | 1.75E-01 | 8.95E-01 | - | - | | |
| 1371853_at | Conp2 | cytochrome c oxidase subunit 2 | 29157 | Rn.162246 | AA083039 | 6.18 | 6.91 | 6.72 | 5.37 | 6.10 | 6.24 | 1.63 | down | 1.11E-01 | 8.95E-01 | DR | - | | |
| 1372361_at | Co2c2 | coiled-coil domain containing 22 | 317381 | Rn.381478 | AW529331 | 5.38 | 5.93 | 5.66 | 5.49 | 4.96 | 5.29 | 1.63 | down | 1.01E-02 | 8.95E-01 | - | - | | |
| 1397924_at | --- | --- | --- | Rn.168405 | AW523490 | 2.92 | 3.14 | 2.39 | 2.65 | 4.01 | 3.92 | 1.63 | up | 2.23E-01 | 8.95E-01 | - | - | | |
| 1399041_at | Ooa3 | optic atrophy 3 (human) | 309409 | Rn.146575 | A010395 | 5.06 | 5.55 | 5.28 | 4.76 | 4.22 | 4.79 | 1.63 | down | 3.76E-02 | 8.95E-01 | DR | - | | |
| 1389202_at | P04 | 14kDa protein | 117435 | Rn.163023 | NM_134328 | 3.81 | 4.17 | 4.89 | 5.58 | 5.40 | 4.85 | 1.63 | down | 5.32E-01 | 8.95E-01 | - | - | | |
| 1372937_at | --- | --- | --- | Rn.164473 | A012801 | 3.26 | 3.39 | 3.37 | 2.82 | 4.29 | 4.33 | 1.63 | up | 3.33E-01 | 8.95E-01 | - | - | | |
| 1374533_at | Gab1 | GA repeat binding protein, beta 1 | 499303 | Rn.163023 | A023180 | 4.66 | 5.06 | 5.62 | 5.17 | 3.92 | 5.72 | 1.63 | down | 4.44E-01 | 8.95E-01 | - | - | | |
| 1385416_at | LOC88817 | similar to CG3374-PA, isoform B | 688177 | Rn.65910 | A105224 | 2.64 | 2.77 | 2.86 | 2.55 | 2.70 | 4.64 | 1.63 | down | 3.60E-01 | 8.95E-01 | - | - | | |
| 1386279_at | Stard4 | SMAR-related lipid transfer (START) domain containing 4 | 291969 | Rn.163776 | A125665 | 5.11 | 5.44 | 5.76 | 4.38 | 5.14 | 4.65 | 1.63 | down | 7.00E-02 | 8.95E-01 | - | - | | |
| 1385293_at | Coc93 | coiled-coil domain containing 59 | 304743 | Rn.79504 | B128167 | 6.53 | 6.41 | 5.35 | 6.37 | 7.09 | 8.95 | 1.63 | up | 1.81E-01 | 8.95E-01 | - | - | | |
| 1372048_at | Pod42 | podocalyxin-like 2 | 297433 | Rn.100042 | B127864 | 2.34 | 2.34 | 2.36 | 2.35 | 4.48 | 2.34 | 1.63 | up | 3.77E-01 | 8.95E-01 | - | - | | |
| 1384335_at | Bcl9 | B-cell CLL/lymphoma 9-like | 300673 | Rn.32447 | BE119846 | 6.28 | 4.43 | 5.14 | 3.92 | 5.01 | 4.80 | 1.63 | down | 3.27E-01 | 8.95E-01 | - | - | | |
| 1389636_at | Rif1f7 | ring finger protein 167 | 300554 | Rn.26488 | B128027 | 6.41 | 6.97 | 6.21 | 7.67 | 7.82 | 8.22 | 1.63 | down | 2.75E-01 | 8.95E-01 | - | - | | |
| 1383441_at | Sap30p | SAP30 binding protein | 300682 | Rn.198907 | BF143614 | 2.34 | 2.50 | 5.09 | 2.64 | 2.63 | 2.51 | 1.63 | down | 4.69E-01 | 8.95E-01 | - | - | | |
| 1392116_at | --- | --- | --- | Rn.155267 | BF288906 | 3.61 | 4.19 | 4.11 | 2.69 | 3.51 | 3.03 | 1.63 | down | 1.17E-01 | 8.95E-01 | - | - | | |
| 1376797_at | Carp2p | CE2224 binding protein | 362224 | Rn.36418 | AA974548 | 5.97 | 7.31 | 6.20 | 6.20 | 6.92 | 6.91 | 1.63 | up | 1.82E-01 | 8.95E-01 | - | - | | |
| 1371838_at | Kif16b | kinesin family member 16B | 314178 | Rn.7029 | B128233 | 6.36 | 5.66 | 6.61 | 5.71 | 5.43 | 5.66 | 1.63 | down | 3.95E-02 | 8.95E-01 | DR | - | | |
| 1374126_at | --- | --- | --- | Rn.167605 | B127958 | 4.45 | 4.17 | 4.89 | 5.58 | 5.40 | 4.85 | 1.63 | down | 1.17E-01 | 8.95E-01 | - | - | | |
| 1371765_at | Hist3h2a | histone cluster 3, H2a | 64464 | Rn.198868 | AA850895 | 4.12 | 3.89 | 3.79 | 3.22 | 2.58 | 3.59 | 1.63 | down | 1.11E-01 | 8.95E-01 | - | - | | |
| 1373890_at | LOC887738 | similar to Der1-like domain family member 2 | 697338 | Rn.16384 | AA085113 | 6.16 | 6.33 | 6.76 | 5.47 | 5.67 | 6.00 | 1.63 | down | 4.25E-02 | 8.95E-01 | - | - | | |
| 1376437_at | --- | --- | --- | Rn.13318 | BE109825 | 3.05 | 4.37 | 7.26 | 7.69 | 7.87 | 6.97 | 1.63 | down | 2.75E-01 | 8.95E-01 | DR | - | | |
| 1391088_x_at | Rpl18a | ribosomal protein L18A | 1012631 | Rn.102631 | AW117024 | 10.12 | 10.19 | 10.32 | 10.22 | 10.19 | 10.27 | 1.63 | up | 2.49E-01 | 8.95E-01 | UR | - | | |
| 1376533_at | Clic1 | chloride intracellular channel 1 | 406864 | Rn.203139 | A012221 | 5.70 | 7.23 | 6.09 | 6.97 | 6.84 | 7.32 | 1.63 | up | 1.95E-01 | 8.95E-01 | - | - | | |
| 1397872_at | --- | --- | --- | Rn.147498 | A017209 | 3.24 | 2.24 | 2.50 | 4.69 | 2.50 | 2.90 | 1.63 | up | 2.35E-01 | 8.95E-01 | - | - | | |
| 1390115_at | --- | --- | --- | Rn.163496 | AA998363 | 5.60 | 6.08 | 6.34 | 4.62 | 4.60 | 4.60 | 1.63 | down | 2.42E-01 | 8.95E-01 | - | - | | |
| 1385117_at | --- | --- | --- | Rn.68562 | BE118131 | 3.70 | 2.45 | 3.24 | 2.35 | 2.35 | 2.58 | 1.63 | down | 1.32E-01 | 8.95E-01 | - | - | | |
| 1372260_at | Fun42 | FN14 domain containing 2 | 361248 | Rn.49478 | A011708 | 4.26 | 4.54 | 4.73 | 4.73 | 4.54 | 4.73 | 1.63 | down | 1.77E-01 | 8.95E-01 | - | - | | |
| 1372260_at | Rogd1 | rogd1 homolog (Drosophila) | 287061 | Rn.995 | B126304 | 10.18 | 9.00 | 9.19 | 9.16 | 8.58 | 8.52 | 1.63 | down | 1.67E-01 | 8.95E-01 | - | - | | |
| 1375224_at | Arid1a | AT1 rich interactive domain 1A (SWI-like) | 297867 | Rn.61077 | AA987144 | 6.12 | 5.90 | 4.59 | 6.50 | 6.50 | 5.73 | 1.63 | up | 2.64E-01 | 8.95E-01 | - | - | | |
| 1390888_x_at | Hesx1 | homeobox domain family member 1 | 302068 | Rn.37769 | AA023704 | 3.62 | 4.01 | 3.28 | 4.12 | 4.01 | 3.28 | 1.63 | down | 3.23E-01 | 8.95E-01 | - | - | | |
| 1397321_at | LOC878994 | similar to THO complex subunit 2 (Tho2) | 678984 | Rn.989 | AA98966 | 3.50 | 2.45 | 3.50 | 2.45 | 2.45 | 2.43 | 1.63 | down | 1.16E-01 | 8.95E-01 | - | - | | |
| 1391583_at | Carik | carbohydrate kinase domain containing | 301185 | Rn.24894 | B128377 | 3.41 | 4.08 | 5.29 | 3.68 | 3.36 | 3.84 | 1.63 | down | 2.76E-01 | 8.95E-01 | - | - | | |
| 1376540_at | --- | --- | --- | Rn.59325 | BE110168 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.63 | down | 1.77E-01 | 8.95E-01 | - | - | | |
| 1372721_at | RDG1564257 | similar to hypothetical protein FLJ2825 | 362849 | Rn.145219 | AW114387 | 8.75 | 7.66 | 7.82 | 8.37 | 8.84 | 8.73 | 1.63 | up | 1.79E-01 | 8.95E-01 | - | - | | |
| 1367716_at | Bn1 | bridging integrator 1 | 117028 | Rn.17998 | NM_035999 | 5.11 | 5.02 | 3.89 | 6.05 | 5.07 | 5.02 | 1.63 | up | 2.45E-01 | 8.95E-01 | - | - | | |
| 1373739_at | Ed4 | EM4 domain containing 4 | 302204 | Rn.71379 | BF19571 | 2.94 | 3.57 | 3.93 | 4.52 | 3.69 | 3.31 | 1.63 | down | 1.81E-01 | 8.95E-01 | UR | - | | |
| 1383871_at | Aden9 | ADAM metalloproteinase domain 9 (metrin family) | 290834 | Rn.25221 | A017724 | 3.72 | 5.11 | 4.14 | 3.76 | 4.75 | 4.35 | 1.63 | down | 4.08E-01 | 8.95E-01 | - | - | | |
| 1382848_at | RDG1524606 | similar to RIKEN cDNA 2610282.11 | 300683 | Rn.22246 | BF19127 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 7.84 | 1.63 | down | 4.32E-01 | 8.95E-01 | - | - | | |
| 1368881_at | Be11 | blocked early in transport 1 homolog (S. cerevisiae) | 299361 | Rn.3963 | NM_192521 | 5.66 | 6.16 | 6.36 | 6.75 | 6.47 | 7.07 | 1.63 | up | 6.01E-02 | 8.95E-01 | - | - | | |
| 1374094_at | --- | --- | --- | Rn.144097 | BF408129 | 5.50 | 4.38 | 5.31 | 3.86 | 4.42 | 4.80 | 1.63 | down | 1.87E-01 | 8.95E-01 | - | - | | |
| 1374392_at | Car1 | carboxyl arrest specific 5 | 81714 | Rn.14793 | BF287029 | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 1.63 | down | 1.03E-01 | 8.95E-01 | UR | - | | |
| 1376879_at | Rw45a | RWD domain containing 4A | 502084 | Rn.15503 | BF19816 | 7.39 | 6.97 | 6.99 | 5.87 | 6.55 | 6.82 | 1.63 | down | 8.84E-02 | 8.95E-01 | - | - | | |
| 1395996_at | RDG1306813 | similar to RIKEN cDNA 160012709 | 306994 | Rn.8045 | BF506704 | 7.11 | 7.18 | 7.11 | 8.10 | 7.82 | 7.99 | 1.63 | up | 9.17E-03 | 8.95E-01 | - | - | | |
| 1371913_at | Tdr1 | transmembrane protein | 302204 | Rn.71379 | BF19571 | 2.94 | 3.57 | 3.93 | 4.52 | 3.69 | 3.31 | 1.63 | down | 1.81E-01 | 8.95E-01 | UR | - | | |
| 1391438_at | Aden9 | ADAM metalloproteinase domain 9 (metrin family) | 290834 | Rn.25221 | A017724 | 3.72 | 5.11 | 4.14 | 3.76 | 4.75 | 4.35 | 1.63 | down | 4.08E-01 | 8.95E-01 | - | - | | |
| 1370494_at | Be11 | blocked early in transport 1 homolog (S. cerevisiae) | 299361 | Rn.3963 | NM_192521 | 5.66 | 6.16 | 6.36 | 6.75 | 6.47 | 7.07 | 1.63 | up | 6.01E-02 | 8.95E-01 | - | - | | |
| 1374392_at | Car1 | carboxyl arrest specific 5 | 81714 | Rn.14793 | BF287029 | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 6.16 | 1.63 | down | 1.03E-01 | 8.95E-01 | UR | - | | |
| 1376879_at | Rw45a | RWD domain containing 4A | 502084 | Rn.15503 | BF19816 | 7.39 | 6.97 | 6.99 | 5.87 | 6.55 | 6.82 | 1.63 | down | 8.84E-02 | 8.95E-01 | - | - | | |
| 1395996_at | RDG1306813 | similar to RIKEN cDNA 160012709 | 306994 | Rn.8045 | BF506704 | 7.11 | 7.18 | 7.11 | 8.10 | 7.82 | 7.99 | 1.63 | up | 9.17E-03 | 8.95E-01 | - | - | | |
| 1371913_at | Tdr1 | transmembrane protein | 302204 | Rn.71379 | BF19571 | 2.94 | 3.57 | 3.93 | 4.52 | 3.69 | 3.31 | 1.63 | down | 1.81E-01 | 8.95E-01 | UR | - | | |
| 1391438_at | Aden9 | ADAM metalloproteinase domain 9 (metrin family) | 290834 | Rn.25221 | A017724 | 3.72 | 5.11 | 4.14 | 3.76 | 4.75 | 4.35 | 1.63 | down | 4.08E-01 | 8.95E-01 | - | - | | |
| 1370494_at | Be11 | blocked early in transport 1 homolog (S. cerevisiae) | 299361 | Rn.3963 | NM_192521 | 5.66 | 6.16 | 6.36 | 6.75 | 6.47 | 7.07 | 1.63 | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | FC/Noise | Residual | Unpaired t-test vs. CH1 (log) | REG | MTC | | |
|------------|-------------|---|----------|------------|-----------|------------------------|------------|------------|------------|------------|------------|----------|----------|-------------------------------|----------|----------|----|---|
| | | | | | | SEPS (Ch1) | SEPS (Ch2) | SEPS (Ch3) | SEPS (Ch4) | SEPS (Ch5) | SEPS (Ch6) | | | | | | | |
| 1383491_at | Aen | apoptosis enhancing nucleosome | 361594 | Rn.46887 | BM391709 | 4.67 | 4.87 | 4.67 | 4.89 | 4.17 | 5.09 | 6.91 | down | 3.79E-01 | 9.95E-01 | - | - | |
| 1391210_at | Nuc3 | nucleolar coactivator 3 | 381594 | Rn.26872 | AF112529 | 2.58 | 3.13 | 2.51 | 2.88 | 2.66 | 4.84 | 1.61 | up | 4.07E-01 | 9.95E-01 | - | - | |
| 1392285_at | Nuc3 | nucleolar coactivator 3 | 381594 | Rn.202891 | BF289853 | 6.48 | 4.48 | 4.26 | 4.88 | 4.86 | 1.61 | up | 4.42E-01 | 9.95E-01 | - | - | | |
| 1386960_at | Nuc3 | nucleolar coactivator 3 | 381594 | Rn.26872 | BF289854 | 2.24 | 3.39 | 2.22 | 3.06 | 4.63 | 3.21 | 1.61 | up | 3.27E-01 | 9.95E-01 | - | - | |
| 1395914_at | Csk1d | casein kinase 1, delta | 64462 | Rn.85046 | AB484862 | 6.24 | 4.48 | 4.26 | 4.88 | 4.84 | 1.61 | down | 4.14E-01 | 9.95E-01 | - | - | | |
| 1387259_at | Cdk2 | cyclin dependent kinase 2 | 63501 | Rn.23200 | AF079593 | 6.56 | 6.83 | 6.84 | 7.84 | 8.84 | 7.66 | 8.59 | 1.61 | up | 3.84E-01 | 9.95E-01 | - | - |
| 1392220_at | Kds2a2 | kinase D-interacting substrate 220 | 116478 | Rn.21470 | AF189232 | 7.05 | 6.95 | 6.94 | 6.84 | 7.37 | 7.77 | 7.36 | 1.61 | up | 4.21E-02 | 9.95E-01 | UR | - |
| 1393376_at | Nasp1 | nucleolar associated protein 1 | 101396 | Rn.12587 | AF011644 | 2.69 | 3.58 | 2.69 | 4.58 | 2.58 | 2.81 | 2.58 | 1.61 | down | 2.58E-01 | 9.95E-01 | - | - |
| 1390372_at | Trp53 | Tp53 binding protein | 97411 | Rn.200151 | BI217129 | 3.20 | 3.98 | 3.89 | 3.89 | 4.51 | 3.84 | 4.38 | 1.61 | up | 1.60E-01 | 9.95E-01 | - | - |
| 1389122_at | Arpk | arrested (membrane) aminopeptidase | 81841 | Rn.131012 | NM_103162 | 10.65 | 11.30 | 11.46 | 10.38 | 10.31 | 11.90 | 11.90 | 1.61 | down | 6.33E-02 | 9.95E-01 | - | - |
| 1387000_at | Gorsp1 | glycylglycyl transfer protein, beta | 70602 | Rn.144458 | NM_016335 | 5.63 | 5.47 | 5.47 | 3.89 | 5.01 | 3.81 | 1.61 | down | 1.95E-01 | 9.95E-01 | - | - | |
| 1392323_at | Ga1n14 | UDP-N-acetyl-alpha-D-glucosamine polypeptide N-acetylglucosaminyltransferase 14 | 313878 | Rn.24642 | AF163990 | 6.99 | 6.75 | 7.30 | 6.52 | 6.22 | 6.25 | 1.61 | down | 2.13E-02 | 9.95E-01 | DR | - | |
| 1391937_at | --- | apoptosis peptidase activating factor 1 | 70603 | Rn.54522 | AF129388 | 4.75 | 2.58 | 2.60 | 2.58 | 2.59 | 2.71 | 1.61 | down | 3.98E-01 | 9.95E-01 | - | - | |
| 1382278_at | --- | --- | --- | Rn.21549 | BI278180 | 3.93 | 3.25 | 2.58 | 2.58 | 2.76 | 2.49 | 2.49 | 1.61 | down | 1.64E-01 | 9.95E-01 | - | - |
| 1391594_at | --- | --- | --- | Rn.55942 | BI295733 | 6.72 | 7.61 | 6.83 | 6.55 | 5.64 | 6.92 | 1.61 | down | 2.23E-01 | 9.95E-01 | - | - | |
| 1392744_at | Atj7 | ATG7 ortholog related 7 homolog (S. cerevisiae) | 312647 | Rn.162765 | AF119130 | 6.88 | 3.20 | 3.21 | 3.20 | 3.21 | 3.02 | 1.61 | down | 3.37E-01 | 9.95E-01 | - | - | |
| 1391665_at | Tmem206 | transmembrane protein 206 | 305770 | Rn.18267 | AG377684 | 5.42 | 6.35 | 6.17 | 6.66 | 7.36 | 6.51 | 1.61 | up | 2.15E-01 | 9.95E-01 | - | - | |
| 1383174_at | Gm19 | GDP-mannose 4, 6-dehydratase | 291095 | Rn.12295 | BM389780 | 6.20 | 5.03 | 3.21 | 5.48 | 5.07 | 5.91 | 1.61 | up | 4.91E-01 | 9.95E-01 | - | - | |
| 1387623_at | Tm6s | transmembrane protein 6 | Rn.6440 | AC23769 | 3.98 | 3.63 | 3.71 | 4.12 | 4.32 | 4.83 | 1.61 | up | 6.30E-02 | 9.95E-01 | - | - | | |
| 1392342_at | Fam168a | transmembrane protein 19 | 298900 | Rn.131677 | BF289172 | 3.16 | 3.95 | 3.66 | 4.26 | 3.95 | 4.61 | 1.61 | up | 8.31E-02 | 9.95E-01 | - | - | |
| 1392651_at | Hk2 | hexokinase 2 | 361614 | Rn.137163 | BF542035 | 3.38 | 3.38 | 3.54 | 2.51 | 2.32 | 3.42 | 1.61 | down | 1.18E-01 | 9.95E-01 | - | - | |
| 1388519_at | Elmap1 | eukaryotic translation initiation factor 4E binding protein 1 | 25059 | Rn.91375 | BI241137 | 3.29 | 3.45 | 2.65 | 3.26 | 4.94 | 3.23 | 1.61 | up | 3.29E-01 | 9.95E-01 | - | - | |
| 1386988_at | Nasp1 | nucleolar associated protein 1 | 116366 | Rn.11161 | NM_053867 | 2.71 | 2.71 | 2.71 | 3.02 | 2.71 | 4.25 | 1.61 | up | 2.72E-01 | 9.95E-01 | - | - | |
| 1393514_at | Rgef | RHO guanine nucleotide exchange factor | 310399 | Rn.12587 | BE217649 | 8.15 | 6.09 | 6.12 | 5.03 | 4.49 | 5.95 | 1.61 | down | 1.95E-01 | 9.95E-01 | - | - | |
| 1382325_at | MOC5210 | hypothetical LOC282798 | 361882 | Rn.33912 | AW521384 | 7.09 | 7.57 | 8.17 | 7.22 | 7.51 | 6.05 | 1.61 | down | 2.78E-01 | 9.95E-01 | - | - | |
| 1381391_at | --- | --- | --- | Rn.42387 | BI285853 | 5.80 | 4.99 | 5.98 | 4.41 | 4.48 | 4.99 | 1.61 | down | 5.43E-02 | 9.95E-01 | - | - | |
| 1377673_at | --- | --- | --- | --- | BF411339 | 8.75 | 6.75 | 7.59 | 7.59 | 6.68 | 6.77 | 1.61 | down | 3.53E-01 | 9.95E-01 | - | - | |
| 138272_at | --- | --- | --- | Rn.17470 | AA658521 | 6.43 | 6.17 | 5.36 | 4.20 | 6.64 | 5.08 | 1.61 | down | 4.33E-01 | 9.95E-01 | - | - | |
| 1378740_at | Rasa2 | RAS protein activator like 2 | 304983 | Rn.16527 | AF175957 | 2.54 | 4.31 | 3.70 | 3.69 | 3.53 | 5.37 | 1.61 | down | 4.32E-01 | 9.95E-01 | - | - | |
| 1370591_at | Rlc1 | replication factor C (activator) 1 | 89809 | Rn.103272 | AF059678 | 5.42 | 6.37 | 5.20 | 4.22 | 4.38 | 4.55 | 1.61 | down | 1.04E-01 | 9.95E-01 | - | - | |
| 1393065_at | RD156292 | phosphatidylethanolamine transfer protein, beta | 499355 | Rn.48566 | BI267770 | 6.48 | 6.78 | 6.84 | 5.20 | 6.51 | 6.00 | 1.61 | down | 1.84E-01 | 9.95E-01 | - | - | |
| 1387674_at | Noc3 | nucleolar coactivator 3 | 14561 | Rn.202891 | NM_023742 | 7.37 | 7.21 | 7.34 | 8.13 | 3.96 | 7.47 | 1.61 | down | 6.57E-02 | 9.95E-01 | - | - | |
| 1395311_at | lont | lysine-specific aminopeptidase | 17018 | Rn.48709 | BI293227 | 4.47 | 6.22 | 4.73 | 6.83 | 5.40 | 6.00 | 1.61 | down | 3.08E-01 | 9.95E-01 | - | - | |
| 1394013_at | Flac3b3 | flavin monooxygenase 3 | 14157 | Rn.222423 | AF091037 | 4.07 | 3.94 | 2.69 | 2.69 | 2.79 | 2.69 | 1.61 | down | 1.95E-01 | 9.95E-01 | DR | - | |
| 1388804_at | Retl | RET1 nuclear corepressor factor receptor | 361615 | Rn.16770 | BF326065 | 2.24 | 2.23 | 2.24 | 2.23 | 2.23 | 2.23 | 1.61 | up | 3.77E-01 | 9.95E-01 | - | - | |
| 1375734_at | LOC588296 | similar to nucleosome factor 7 open reading frame 27 | 668296 | Rn.30123 | AA891209 | 3.40 | 3.39 | 3.36 | 3.89 | 4.96 | 3.54 | 1.61 | up | 1.78E-01 | 9.95E-01 | - | - | |
| 1390193_at | Zfp4 | zinc finger, CCHC-type with G patch domain | 296478 | Rn.8219 | BF420306 | 3.08 | 3.02 | 3.77 | 2.52 | 2.73 | 2.57 | 1.61 | down | 5.29E-02 | 9.95E-01 | - | - | |
| 1374147_at | Dnp3 | cell division cycle 42 (GTP binding protein), beta | 8152715 | Rn.16722 | BE119262 | 2.52 | 2.52 | 2.52 | 3.14 | 2.87 | 2.57 | 1.61 | down | 3.92E-01 | 9.95E-01 | - | - | |
| 1373545_at | Kctd13 | potassium channel tetramerisation domain containing 13 | 293497 | Rn.103144 | AJ235230 | 2.40 | 2.72 | 2.73 | 3.06 | 3.49 | 3.34 | 1.61 | up | 1.45E-02 | 9.95E-01 | UR | - | |
| 1378991_at | Rbm17 | RNA binding motif protein 17 | 291295 | Rn.25229 | BE095620 | 3.81 | 5.14 | 4.12 | 4.70 | 5.36 | 5.06 | 1.61 | up | 2.02E-01 | 9.95E-01 | - | - | |
| 1390182_at | Znf593 | zinc finger protein 593 | 40-20964 | Rn.67699 | AA376990 | 3.20 | 3.20 | 6.13 | 4.03 | 4.03 | 4.03 | 1.61 | down | 1.95E-01 | 9.95E-01 | - | - | |
| 1380030_at | Znf593 | zinc finger protein 593 | 298546 | Rn.147537 | AW523520 | 4.21 | 4.63 | 4.04 | 4.79 | 5.40 | 4.64 | 1.61 | up | 2.00E-01 | 9.95E-01 | - | - | |
| 1383046_at | Glx1 | glutathione S-transferase | 44045 | Rn.11961 | BE103634 | 2.36 | 2.35 | 4.50 | 2.36 | 2.46 | 2.35 | 1.61 | down | 3.96E-01 | 9.95E-01 | - | - | |
| 1386253_at | Med4 | mediator complex subunit 4 | 300300 | Rn.11469 | AA020290 | 5.17 | 4.37 | 3.46 | 4.67 | 5.28 | 5.09 | 1.61 | down | 2.86E-01 | 9.95E-01 | - | - | |
| 1383745_at | Cd42 | cell division cycle 42 (GTP binding protein), beta | 64465 | Rn.80287 | AA020290 | 5.17 | 4.37 | 3.46 | 4.67 | 5.28 | 5.09 | 1.61 | down | 2.86E-01 | 9.95E-01 | - | - | |
| 1377820_at | Abca3 | ATP-binding cassette, sub-family F (GCN20), member 3 | 287982 | Rn.98847 | BF390501 | 4.74 | 5.51 | 4.84 | 6.53 | 5.55 | 5.06 | 1.61 | up | 2.42E-01 | 9.95E-01 | - | - | |
| 1376446_at | Vista | virus-induced signaling adapter F | 311430 | Rn.34996 | BE099060 | 3.22 | 3.21 | 2.12 | 3.78 | 3.22 | 3.55 | 1.61 | up | 1.65E-01 | 9.95E-01 | - | - | |
| 1383159_at | Adp1 | ADP-ribosyl transferase 1 | Rn.31734 | AF057474 | 6.56 | 5.67 | 6.56 | 6.56 | 6.56 | 6.56 | 1.61 | down | 1.95E-01 | 9.95E-01 | - | - | | |
| 1371391_at | --- | --- | --- | --- | BM389196 | 4.14 | 4.20 | 5.10 | 5.20 | 4.48 | 4.81 | 1.61 | up | 2.40E-01 | 9.95E-01 | - | - | |
| 1379811_at | Dysk1 | disc large protein 1 | 306722 | Rn.21018 | BI261261 | 2.52 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 1.61 | down | 3.74E-01 | 9.95E-01 | - | - | |
| 1369699_at | Type1 | thymidylate synthetase | 29251 | Rn.162284 | NM_019179 | 6.34 | 4.79 | 5.02 | 3.93 | 5.32 | 4.86 | 1.61 | down | 3.43E-01 | 9.95E-01 | - | - | |
| 1374256_at | Tmem206 | transmembrane protein 206 | 300441 | Rn.13488 | BM389220 | 5.38 | 5.50 | 6.53 | 6.53 | 5.91 | 6.41 | 1.61 | up | 5.59E-02 | 9.95E-01 | - | - | |
| 1391415_at | Awk1d1 | avian keratin 1 | 324652 | Rn.167292 | BE117929 | 5.88 | 6.78 | 6.03 | 7.17 | 6.64 | 6.06 | 1.61 | down | 6.06E-01 | 9.95E-01 | - | - | |
| 1387759_at | H10 | H1 histone family, member 5 | 24437 | Rn.3129 | NM_012578 | 2.11 | 6.32 | 6.43 | 6.47 | 6.94 | 6.64 | 1.61 | up | 5.60E-02 | 9.95E-01 | - | - | |
| 1377793_at | Emcn | endomucin | 255490 | Rn.8542 | BF407251 | 6.81 | 5.04 | 5.39 | 5.28 | 5.09 | 4.84 | 1.61 | down | 2.91E-01 | 9.95E-01 | - | - | |
| 1374160_at | Tmc2 | transmembrane and coiled-coil domain family 2 | 305505 | Rn.101020 | BE111286 | 2.28 | 2.27 | 2.28 | 2.10 | 2.28 | 2.49 | 1.61 | up | 3.03E-01 | 9.95E-01 | - | - | |
| 1373283_at | Pp2dc2 | phosphatidylethanolamine phosphatase type 2 domain containing 2 | 619549 | Rn.7335 | AW15681 | 7.94 | 8.16 | 8.45 | 8.63 | 8.92 | 9.13 | 1.61 | down | 4.83E-02 | 9.95E-01 | DR | - | |
| 1382861_at | Ncor1 | nucleolar coactivator 1 | 54299 | Rn.24948 | AA048821 | 5.58 | 4.16 | 4.69 | 4.43 | 4.21 | 4.28 | 1.61 | down | 7.90E-02 | 9.95E-01 | UR | - | |
| 1372102_at | Ube4a | ubiquitin-protein ligase E4 | 315608 | Rn.102297 | BF411881 | 3.32 | 4.47 | 3.97 | 4.52 | 4.51 | 4.77 | 1.61 | up | 1.29E-01 | 9.95E-01 | - | - | |
| 1380496_at | Rim1 | Rim1, RhoG mediated protein instability 1, homolog (S. cerevisiae) | 315608 | Rn.102297 | BF411881 | 3.32 | 4.47 | 3.97 | 4.52 | 4.51 | 4.77 | 1.61 | up | 1.29E-01 | 9.95E-01 | - | - | |
| 1373133_at | Timp3 | TIMP metalloproteinase inhibitor 3 | 25358 | Rn.119834 | AA020290 | 5.17 | 4.37 | 3.46 | 4.67 | 5.28 | 5.09 | 1.61 | down | 2.86E-01 | 9.95E-01 | - | - | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/MS/HR | Residual | Unpaired t-test vs Chi (log2) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|-------------------------------|-----|-----|
| | | | | | | SEPS (Chi) | SEPA (Chi) | SEPB (Chi) | SEPC (Chi) | SEPD (Chi) | SEPE (Chi) | SEPF (Chi) | SEPG (Chi) | SEPH (Chi) | SEPI (Chi) | | | | | |
| 1395648_at | Nostrin | nitric oxide synthase trafficker | 31111 | Rn.39833 | AB08709 | 4.96 | 4.97 | 6.00 | 3.31 | 4.99 | 5.24 | 1.58 | down | 4.23E-01 | 9.95E-01 | - | - | | | |
| 1395658_at | Stau2 | stau protein, RNA binding domain 2 (Drosophila) | 171500 | Rn.73714 | U052229 | 5.55 | 3.46 | 5.63 | 6.21 | 5.85 | 5.46 | 1.58 | up | 2.27E-01 | 9.95E-01 | - | - | | | |
| 1395670_at | Nasp | nucleolar assembly protein (histone-binding) | 174844 | Rn.48344 | U023267 | 6.07 | 5.77 | 6.01 | 6.21 | 5.73 | 6.07 | 1.58 | down | 3.92E-01 | 9.95E-01 | - | - | | | |
| 1395675_at | Ng1 | neuregulin 1 | 112400 | Rn.37438 | AU22323 | 4.45 | 2.37 | 2.41 | 2.37 | 2.41 | 2.47 | 1.58 | down | 3.92E-01 | 9.95E-01 | - | - | | | |
| 1395681_at | Cxcl12 | chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) | 24772 | Rn.54439 | U023455 | 4.07 | 6.31 | 4.07 | 6.31 | 4.07 | 6.31 | 1.58 | up | 3.13E-01 | 9.95E-01 | - | - | | | |
| 1395689_at | LOC684903 | similar to Probable ATP-dependent RNA helicase DHX34 (DEAF box protein) | 684903 | Rn.23969 | BI265753 | 2.49 | 2.70 | 2.88 | 2.78 | 4.42 | 2.84 | 1.58 | down | 2.93E-01 | 9.95E-01 | - | - | | | |
| 1395694_at | Kctd11 | Kelch domain containing 11, EF-hand calcium binding domain 5 | 684903 | Rn.23969 | BI265753 | 4.01 | 2.78 | 3.70 | 2.88 | 2.78 | 2.85 | 1.58 | down | 1.49E-01 | 9.95E-01 | - | - | | | |
| 1395716_at | Mmp27 | metalloproteinase 27 | 36133 | Rn.418 | BE113242 | 3.69 | 3.13 | 2.63 | 3.87 | 3.42 | 4.15 | 1.58 | up | 1.51E-01 | 9.95E-01 | - | - | | | |
| 1395730_at | Rbp1 | ribosomal protein L1, cellular | 36133 | Rn.203128 | RN203128 | 4.27 | 4.47 | 4.44 | 2.43 | 2.30 | 2.44 | 1.58 | down | 3.68E-01 | 9.95E-01 | - | - | | | |
| 1395739_at | Rbp1 | ribosomal protein L1, cellular | 25056 | Rn.902 | NM_012433 | 7.95 | 6.44 | 7.03 | 6.70 | 6.11 | 6.84 | 1.58 | down | 2.41E-01 | 9.95E-01 | - | - | | | |
| 1395744_at | LOC685144 | similar to SEC24 related gene family member C | 685144 | Rn.122667 | AI231200 | 8.48 | 8.40 | 8.16 | 9.09 | 8.50 | 9.43 | 1.58 | up | 8.36E-02 | 9.95E-01 | - | - | | | |
| 1395757_at | Pgm2 | phosphoglycerate mutase family member 5 | 288731 | Rn.239489 | BI265455 | 7.20 | 7.11 | 7.06 | 10.83 | 6.67 | 6.79 | 1.58 | down | 7.44E-02 | 9.95E-01 | - | - | | | |
| 1395764_at | Azp1 | alpha-2-glycoprotein 1, zinc-binding | 25294 | Rn.5007 | NM_012826 | 4.54 | 6.92 | 4.63 | 6.07 | 5.91 | 6.39 | 1.58 | up | 4.29E-01 | 9.95E-01 | - | - | | | |
| 1395766_at | Abc1 | ATP-binding cassette, sub-family F (GCN20), member 1 | 85453 | Rn.24818 | AA59389 | 6.36 | 7.66 | 6.60 | 7.27 | 7.17 | 8.16 | 1.58 | up | 2.65E-01 | 9.95E-01 | - | - | | | |
| 1395783_at | Gosr2 | glucocorticoid receptor, subfamily K, member 5 | 61454 | Rn.13518 | AA94887 | 7.25 | 7.13 | 7.50 | 8.13 | 7.88 | 7.84 | 1.58 | up | 9.93E-03 | 9.95E-01 | UR | - | | | |
| 1395805_at | Dr1 | down-regulator of transcription 1 | 289881 | Rn.168497 | BF407029 | 2.71 | 2.81 | 2.85 | 2.86 | 3.54 | 3.95 | 1.58 | up | 2.46E-01 | 9.95E-01 | - | - | | | |
| 1395810_at | LOC499779 | similar to RIKEN cDNA 280010123 | 499779 | Rn.30992 | BI268811 | 7.24 | 9.05 | 6.51 | 8.04 | 8.02 | 8.72 | 1.58 | up | 4.52E-01 | 9.95E-01 | - | - | | | |
| 1395812_at | Alisa | ADP-ribosylation factor-like sequence 5 | 362443 | Rn.139297 | BF266786 | 4.50 | 5.57 | 6.40 | 6.01 | 5.68 | 6.78 | 1.58 | up | 3.93E-01 | 9.95E-01 | - | - | | | |
| 1395813_at | Mint1 | mitochondrial methionyl-tRNA formyltransferase | 31633 | Rn.168349 | AR03449 | 3.93 | 3.92 | 3.99 | 4.50 | 5.18 | 4.12 | 1.58 | up | 1.01E-01 | 9.95E-01 | - | - | | | |
| 1395822_at | Ube2b | ubiquitin-conjugating enzyme E2B, RAD6 homolog (S. cerevisiae) | 81816 | Rn.20786 | AA927595 | 9.06 | 9.42 | 9.53 | 8.72 | 8.54 | 8.78 | 1.58 | down | 1.54E-02 | 9.95E-01 | DR | - | | | |
| 1395825_at | Ki67 | kinesin light chain 1 | 171041 | Rn.106228 | AT57983 | 5.87 | 6.02 | 4.22 | 8.88 | 6.76 | 4.93 | 1.58 | up | 5.33E-01 | 9.95E-01 | - | - | | | |
| 1395825_at | Slit4 | suppression of tumorigenicity 14 (colon carcinoma) | 114093 | Rn.49170 | AB048189 | 3.30 | 2.67 | 4.81 | 2.46 | 3.12 | 3.22 | 1.58 | down | 3.89E-01 | 9.95E-01 | - | - | | | |
| 1395825_at | LOC685959 | hypothetical protein LOC685959 | 685959 | Rn.6433 | BE081811 | 4.77 | 5.49 | 5.36 | 6.07 | 5.96 | 5.95 | 1.58 | up | 7.23E-02 | 9.95E-01 | - | - | | | |
| 1395829_at | Pgk2 | phosphoglycerate kinase 2, cytosolic | 102623 | Rn.10274 | D88147 | 5.20 | 4.74 | 4.86 | 5.73 | 5.73 | 5.73 | 1.58 | down | 3.65E-01 | 9.95E-01 | - | - | | | |
| 1395830_at | Gp1 | gap junction protein, alpha 1 | 24392 | Rn.10348 | GC378227 | 2.68 | 2.64 | 2.66 | 4.04 | 3.28 | 2.63 | 1.58 | up | 1.82E-01 | 9.95E-01 | - | - | | | |
| 1395831_at | Nu51 | nucleolar protein 51, nuclear | 36133 | Rn.10348 | GC378227 | 3.74 | 4.46 | 2.68 | 4.46 | 2.68 | 4.46 | 1.58 | up | 5.55E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | LOC685959 | similar to unconventional myosin Myr2 I heavy chain III myosin III | 685959 | Rn.6433 | BE081811 | 4.77 | 5.49 | 5.36 | 6.07 | 5.96 | 5.95 | 1.58 | down | 5.60E-02 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 4.22 | 4.95 | 4.19 | 3.85 | 3.41 | 4.08 | 1.58 | down | 1.15E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.15 | 7.92 | 6.15 | 7.12 | 7.26 | 7.12 | 1.58 | up | 3.65E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.73 | 2.82 | 2.64 | 2.85 | 4.11 | 3.05 | 1.58 | up | 1.68E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 10.24 | 10.02 | 10.24 | 10.24 | 10.24 | 10.24 | 1.58 | up | 1.07E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 3.71 | 4.92 | 4.54 | 4.30 | 3.70 | 3.20 | 1.58 | down | 2.43E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 5.48 | 5.40 | 7.00 | 4.71 | 5.14 | 6.06 | 1.58 | down | 3.74E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.11 | 6.13 | 4.90 | 3.78 | 10.83 | 4.70 | 1.58 | down | 3.47E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.84 | 3.10 | 2.85 | 4.29 | 3.30 | 3.16 | 1.58 | up | 1.47E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.98 | 2.60 | 2.90 | 2.64 | 2.47 | 2.60 | 1.58 | down | 2.21E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.14 | 6.31 | 6.31 | 6.31 | 6.31 | 6.31 | 1.58 | up | 4.86E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 5.49 | 4.50 | 4.64 | 4.49 | 4.31 | 3.86 | 1.58 | up | 1.45E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 3.38 | 3.08 | 3.38 | 3.38 | 3.38 | 3.38 | 1.58 | up | 1.61E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.70 | 3.87 | 2.15 | 2.89 | 4.14 | 3.65 | 1.58 | up | 3.54E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.42 | 3.01 | 3.76 | 2.40 | 2.42 | 2.41 | 1.58 | down | 1.67E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 7.45 | 8.03 | 7.89 | 7.09 | 6.97 | 7.45 | 1.58 | up | 6.81E-02 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 7.25 | 7.79 | 7.66 | 8.08 | 7.86 | 8.71 | 1.58 | up | 9.58E-02 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.25 | 6.46 | 6.25 | 6.46 | 6.25 | 6.46 | 1.58 | up | 2.46E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.66 | 7.11 | 7.66 | 5.70 | 4.93 | 5.74 | 1.58 | up | 4.53E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.38 | 4.07 | 6.41 | 4.86 | 4.46 | 4.88 | 1.58 | down | 2.71E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 5.17 | 6.87 | 5.17 | 6.87 | 5.17 | 6.87 | 1.58 | up | 3.82E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 9.12 | 10.09 | 9.14 | 9.19 | 9.12 | 8.58 | 1.58 | down | 1.24E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 8.98 | 8.56 | 8.49 | 9.02 | 9.29 | 9.67 | 1.58 | up | 5.40E-02 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 3.91 | 3.21 | 3.91 | 3.61 | 2.21 | 3.29 | 1.58 | up | 1.95E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 9.32 | 9.53 | 8.99 | 9.07 | 9.07 | 9.07 | 1.58 | down | 1.85E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.63 | 5.11 | 6.63 | 6.29 | 6.35 | 6.35 | 1.58 | up | 4.86E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.37 | 6.44 | 6.37 | 6.44 | 6.37 | 6.44 | 1.58 | up | 1.07E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 2.34 | 2.33 | 2.34 | 2.34 | 2.34 | 2.33 | 1.58 | down | 3.74E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 10.48 | 10.28 | 10.48 | 10.48 | 10.48 | 10.48 | 1.58 | up | 1.07E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 7.46 | 5.14 | 6.82 | 5.48 | 5.35 | 6.33 | 1.58 | down | 4.01E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 3.95 | 3.39 | 3.04 | 2.93 | 3.06 | 2.42 | 1.58 | down | 1.16E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 4.95 | 4.44 | 3.64 | 3.84 | 4.20 | 3.84 | 1.58 | down | 2.65E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 8.88 | 8.00 | 7.18 | 6.43 | 6.88 | 6.81 | 1.58 | down | 1.45E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 6.84 | 6.84 | 6.84 | 6.84 | 6.84 | 6.84 | 1.58 | up | 6.84E-01 | 9.95E-01 | - | - | | | |
| 1395833_at | Sox5 | SOX5 homeobox 5 | 65261 | Rn.65261 | BE022092 | 4.32 | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Ct) | SEPA (Ct) | SEP (Ct) | SEPP (Ct) | SEPS (Ct) | SEPA (Ct) | SEP (Ct) | SEPP (Ct) | FC/MSouse | Resouces | Unpaired t-Test vs Ctl (log2) | REG | MTC |
|------------|-------------|---|-----------|------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|----------|-------------------------------|-----|-----|
| 176138_at | --- | --- | --- | --- | B128957 | 4.12 | 2.61 | 2.71 | 2.41 | 2.44 | 2.67 | 2.67 | 1.56 | down | 2.64E-01 | 9.95E-01 | --- | --- |
| 176139_at | Dn25 | hypothetical protein Dn25 | 360883 | Rn.8478 | BC378747 | 3.31 | 4.15 | 3.71 | 3.75 | 5.00 | 3.74 | 3.74 | 1.56 | up | 3.96E-02 | 9.95E-01 | --- | --- |
| 176140_at | Esh1 | subunit B (Drosophila) | Rn.153240 | --- | U153240 | 2.91 | 2.47 | 2.47 | 4.40 | 2.91 | 2.91 | 2.91 | 1.56 | down | 1.88E-02 | 9.95E-01 | --- | --- |
| 176141_at | Rib20 | ribosomal protein L10 | R11764 | Rn.102157 | NM_031000 | 10.06 | 10.06 | 10.55 | 10.74 | 10.87 | 11.49 | 11.49 | 1.56 | down | 3.80E-02 | 9.95E-01 | --- | --- |
| 176142_at | Zscan3l | Zinc finger with KRAB and SCAN domains 3 | R132971 | Rn.83251 | U132971 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 | 1.56 | down | 1.32E-02 | 9.95E-01 | --- | --- |
| 176143_at | Rh9a5 | retinol dehydrogenase 5 | 369791 | Rn.118479 | A173709 | 6.18 | 6.18 | 7.00 | 5.72 | 6.32 | 6.17 | 6.17 | 1.56 | down | 2.56E-01 | 9.95E-01 | --- | --- |
| 176144_at | Hmg1a | high mobility group AT-hook 1 | 117062 | Rn.83614 | BC378885 | 4.27 | 3.15 | 2.01 | 4.04 | 2.94 | 2.60 | 2.60 | 1.56 | up | 1.10E-01 | 9.95E-01 | --- | --- |
| 176145_at | Elo1 | erythrocyte low density lipoprotein receptor type 1 | R131534 | Rn.102402 | BC378885 | 5.41 | 6.11 | 6.86 | 3.89 | 5.41 | 5.32 | 5.32 | 1.56 | down | 3.17E-02 | 9.95E-01 | --- | --- |
| 176146_at | RGD1306228 | similar to chromosome 14 open reading frame 138 | 362748 | Rn.154714 | BM389379 | 5.88 | 5.88 | 5.42 | 5.87 | 7.01 | 6.19 | 6.19 | 1.56 | up | 1.60E-01 | 9.95E-01 | --- | --- |
| 176147_at | Trovc2 | TROVE domain family member 2 | 362448 | Rn.146598 | AB294455 | 4.15 | 4.07 | 3.21 | 3.62 | 4.07 | 4.19 | 4.19 | 1.56 | up | 2.13E-02 | 9.95E-01 | --- | --- |
| 176148_at | LOC88113 | similar to mid domain containing 11 | 698133 | Rn.146598 | BE11415 | 6.62 | 3.46 | 4.62 | 4.52 | 3.36 | 5.10 | 5.10 | 1.56 | down | 6.18E-01 | 9.95E-01 | --- | --- |
| 176149_at | Egfr | EGF-like domain, multiple 8 | 406186 | Rn.146030 | AW530272 | 3.30 | 2.71 | 2.79 | 4.80 | 3.00 | 2.91 | 2.91 | 1.56 | up | 3.78E-01 | 9.95E-01 | --- | --- |
| 176150_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | AT098062 | B17592 | 6.79 | 5.72 | 4.90 | 6.85 | 6.66 | 6.02 | 6.02 | 1.56 | down | 3.48E-01 | 9.95E-01 | --- | --- |
| 176151_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176152_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176153_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176154_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176155_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176156_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176157_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176158_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176159_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176160_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176161_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176162_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176163_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176164_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176165_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176166_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176167_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176168_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176169_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176170_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176171_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176172_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176173_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176174_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176175_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176176_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176177_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176178_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176179_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176180_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176181_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176182_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176183_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176184_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176185_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176186_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176187_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176188_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176189_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176190_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176191_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176192_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176193_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176194_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.19 | 6.63 | 6.73 | 6.94 | 6.94 | 1.56 | down | 4.50E-02 | 9.95E-01 | UR | |
| 176195_at | Rn.153297 | Regulation of nuclear pre-mRNA domain containing 1A | 291236 | Rn.23543 | BE128079 | 4.65 | 5.75 | 6.1 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log ₂) | | | | | | FC/MScore | Residual | Unpaired t-test vs CH (p-value) | REG | MTC |
|------------|-------------|--|----------|------------|-----------|--------------------------------------|-----------|----------|-----------|-----------|-----------|-----------|----------|---------------------------------|----------|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEB (Ch) | SEPC (Ch) | SEPD (Ch) | SEPE (Ch) | | | | | |
| 137980_at | --- | --- | --- | --- | --- | 4.41 | 6.08 | 4.65 | 5.99 | 5.99 | 5.82 | 1.54 | up | 6.06E-01 | 9.95E-01 | --- |
| 137981_at | Adam1 | ADAM metalloproteinase domain 17 | 57027 | Rn.144858 | NM_022036 | 4.06 | 4.01 | 3.96 | 3.88 | 5.27 | 4.14 | 1.54 | up | 2.70E-01 | 9.95E-01 | --- |
| 137982_at | Ww17 | WW domain containing transcription regulator 1 | 295062 | Rn.147640 | U757440 | 4.15 | 4.23 | 4.19 | 4.19 | 4.21 | 4.24 | 1.54 | down | 1.81E-01 | 9.95E-01 | --- |
| 137983_at | E1F3 | eukaryotic translation initiation factor 3, subunit J | 691947 | Rn.162681 | AB989446 | 7.24 | 8.09 | 8.54 | 8.71 | 8.46 | 8.55 | 1.54 | up | 1.88E-01 | 9.95E-01 | --- |
| 137984_at | Gpr146 | G protein-coupled receptor 146 | 488153 | Rn.41446 | A1170446 | 4.76 | 4.51 | 3.98 | 3.71 | 5.98 | 5.02 | 1.54 | up | 4.95E-01 | 9.95E-01 | --- |
| 137985_at | Pmpk4 | peroxyl radical scavenger protein 4 | 617009 | Rn.172934 | U029147 | 7.58 | 8.24 | 8.20 | 8.19 | 8.76 | 8.84 | 1.54 | up | 1.88E-01 | 9.95E-01 | --- |
| 137986_at | Scd5l | sterol-C5-desaturase (ERG3 delta-5-desaturase homologue, S. cerevisiae)-like | 114100 | Rn.18741 | AB052846 | 4.97 | 6.73 | 5.13 | 5.77 | 5.50 | 7.41 | 1.53 | down | 4.92E-01 | 9.95E-01 | --- |
| 137987_at | --- | --- | --- | --- | --- | 8.99 | 7.87 | 6.99 | 8.07 | 6.06 | 9.06 | 1.53 | down | 3.28E-01 | 9.95E-01 | --- |
| 137988_at | --- | --- | --- | --- | --- | 4.62 | 2.76 | 2.73 | 2.89 | 2.81 | 2.74 | 1.53 | down | 3.73E-01 | 9.95E-01 | --- |
| 137989_at | --- | --- | --- | --- | --- | 11.24 | 11.38 | 10.86 | 11.90 | 11.34 | 12.09 | 1.53 | up | 6.84E-02 | 9.95E-01 | --- |
| 137990_at | --- | --- | --- | --- | --- | 2.33 | 3.23 | 2.34 | 2.70 | 2.33 | 4.74 | 1.53 | down | 4.86E-01 | 9.95E-01 | --- |
| 137991_at | Ireb2 | iron responsive element binding protein 2 | 64831 | Rn.10132 | NM_022883 | 7.79 | 6.40 | 6.54 | 6.42 | 5.39 | 7.06 | 1.53 | down | 4.01E-01 | 9.95E-01 | --- |
| 137992_at | Muv7 | matrin/remodelling associated 7 | 690599 | Rn.203763 | BF408094 | 4.99 | 6.89 | 5.93 | 5.96 | 6.64 | 6.77 | 1.53 | up | 3.80E-01 | 9.95E-01 | --- |
| 137993_at | --- | leucine to histidine transferase, long chain base subunit 1 | 498188 | Rn.146520 | BE109429 | 2.49 | 4.16 | 3.80 | 2.75 | 2.41 | 2.72 | 1.53 | down | 2.35E-01 | 9.95E-01 | --- |
| 137994_at | Flad1 | flavin adenine dinucleotide synthetase | 751787 | Rn.202488 | A1171855 | 6.27 | 5.93 | 5.93 | 6.38 | 6.25 | 5.85 | 1.53 | up | 2.13E-01 | 9.95E-01 | --- |
| 137995_at | Nuck1 | nuclear casein kinase and cyclin-dependent kinase substrate 1 | 617009 | Rn.21524 | NM_022779 | 6.26 | 6.49 | 7.45 | 6.39 | 6.57 | 6.84 | 1.53 | up | 1.36E-01 | 9.95E-01 | --- |
| 137996_at | Ryk | SMEK homolog 1, suppressor of mek1 (Drosophila) | 314388 | Rn.22873 | AG240749 | 5.42 | 6.21 | 5.59 | 5.91 | 6.87 | 6.28 | 1.53 | up | 1.69E-01 | 9.95E-01 | --- |
| 137997_at | Nuck1 | receptor-like tyrosine kinase | 140585 | Rn.11796 | AB073721 | 3.48 | 4.82 | 3.67 | 5.23 | 3.63 | 4.85 | 1.53 | up | 3.95E-01 | 9.95E-01 | --- |
| 137998_at | --- | Similar to E1EIB22e protein | 501195 | Rn.165553 | AA989954 | 4.81 | 6.24 | 5.94 | 5.50 | 7.07 | 6.27 | 1.53 | down | 3.82E-01 | 9.95E-01 | --- |
| 137999_at | Tmem41 | transmembrane 6 superfamily member 1 | 381600 | Rn.21932 | B128328 | 3.67 | 2.52 | 3.19 | 2.53 | 2.54 | 2.47 | 1.53 | down | 1.40E-01 | 9.95E-01 | --- |
| 138000_at | LOC499900 | similar to Zinc finger protein 133 | 499900 | Rn.117293 | A1146023 | 3.77 | 3.79 | 3.30 | 3.76 | 3.50 | 3.40 | 1.53 | up | 3.84E-01 | 9.95E-01 | --- |
| 138001_at | --- | --- | --- | --- | --- | 2.57 | 2.76 | 4.75 | 2.59 | 2.61 | 3.10 | 1.53 | down | 2.48E-01 | 9.95E-01 | --- |
| 138002_at | --- | --- | --- | --- | --- | 2.43 | 2.42 | 2.44 | 2.46 | 2.44 | 2.44 | 1.53 | up | 3.99E-01 | 9.95E-01 | UR |
| 138003_at | --- | --- | --- | --- | --- | 4.89 | 9.58 | 6.02 | 9.79 | 9.74 | 9.91 | 1.53 | up | 3.55E-02 | 9.95E-01 | --- |
| 138004_at | --- | --- | --- | --- | --- | 3.88 | 3.82 | 3.56 | 3.77 | 3.10 | 2.55 | 1.53 | down | 1.67E-01 | 9.95E-01 | --- |
| 138005_at | --- | --- | --- | --- | --- | 4.80 | 5.72 | 5.75 | 6.08 | 6.66 | 6.40 | 1.53 | up | 2.68E-01 | 9.95E-01 | --- |
| 138006_at | --- | --- | --- | --- | --- | 8.69 | 9.40 | 8.50 | 9.41 | 9.40 | 9.62 | 1.53 | up | 9.48E-02 | 9.95E-01 | --- |
| 138007_at | --- | similar to Ct11orf7 protein | 361624 | Rn.106344 | BF581368 | 4.26 | 5.88 | 4.02 | 4.56 | 5.67 | 5.57 | 1.53 | up | 3.81E-01 | 9.95E-01 | --- |
| 138008_at | --- | leucine palmitoyl transferase, long chain base subunit 1 | 498188 | Rn.146520 | AW931939 | 5.27 | 6.82 | 3.46 | 3.45 | 2.88 | 3.46 | 1.53 | down | 2.82E-01 | 9.95E-01 | --- |
| 138009_at | --- | --- | --- | --- | --- | 3.73 | 4.96 | 4.62 | 5.36 | 3.91 | 3.84 | 1.53 | down | 6.25E-01 | 9.95E-01 | --- |
| 138010_at | --- | --- | --- | --- | --- | 7.32 | 6.69 | 6.09 | 6.72 | 7.32 | 7.32 | 1.53 | down | 1.73E-01 | 9.95E-01 | --- |
| 138011_at | Aak2 | adenylate kinase 2 | 24184 | Rn.3421 | NM_030986 | 7.99 | 7.11 | 7.02 | 6.75 | 6.36 | 7.17 | 1.53 | down | 1.87E-01 | 9.95E-01 | --- |
| 138012_at | --- | --- | --- | --- | --- | 2.48 | 2.45 | 2.50 | 4.30 | 2.53 | 2.44 | 1.53 | up | 3.66E-01 | 9.95E-01 | --- |
| 138013_at | --- | --- | --- | --- | --- | 3.40 | 4.56 | 5.44 | 4.19 | 3.84 | 4.56 | 1.53 | down | 3.81E-01 | 9.95E-01 | --- |
| 138014_at | Atpgtp1 | ATP/GTP binding protein 1 | 209986 | Rn.33035 | AW520369 | 5.01 | 5.08 | 5.10 | 4.86 | 3.88 | 4.61 | 1.53 | down | 1.05E-01 | 9.95E-01 | --- |
| 138015_at | Apl1 | APL1-related protein 1, soluble beta 2 | Rn.11796 | BE10785 | BE10785 | 6.16 | 6.07 | 6.16 | 6.07 | 6.16 | 6.16 | 1.53 | down | 2.71E-01 | 9.95E-01 | DR |
| 138016_at | Lims2 | LIM and senescent cell antigen 1, domain 1 subunit | 381303 | Rn.115282 | B125904 | 6.11 | 4.04 | 4.04 | 4.53 | 4.09 | 3.73 | 1.53 | down | 4.46E-01 | 9.95E-01 | --- |
| 138017_at | --- | --- | --- | --- | --- | 5.65 | 6.35 | 5.73 | 6.41 | 6.53 | 6.63 | 1.53 | up | 5.52E-02 | 9.95E-01 | --- |
| 138018_at | Tob1 | Tob1 homolog (Drosophila) | Rn.22479 | BE10875 | BE10875 | 2.58 | 3.36 | 2.37 | 3.23 | 2.73 | 2.73 | 1.53 | down | 2.74E-01 | 9.95E-01 | --- |
| 138019_at | Ahrp24 | Rho GTPase activating protein 24 | 305156 | Rn.24657 | BG377201 | 10.53 | 10.37 | 9.93 | 10.11 | 9.03 | 9.85 | 1.53 | down | 1.72E-01 | 9.95E-01 | --- |
| 138020_at | --- | IRNA-VY synthesizing protein 3 homolog (S. cerevisiae) | 499731 | Rn.43835 | AA133336 | 5.39 | 6.97 | 4.67 | 6.52 | 6.17 | 6.18 | 1.53 | up | 4.22E-01 | 9.95E-01 | --- |
| 138021_at | --- | --- | --- | --- | --- | 2.49 | 2.44 | 2.41 | 2.48 | 2.41 | 2.41 | 1.53 | down | 3.25E-01 | 9.95E-01 | --- |
| 138022_at | Dmap1 | DNA methyltransferase 1-associated protein 1 | 298447 | Rn.22845 | BG372355 | 7.09 | 5.47 | 6.14 | 5.58 | 5.12 | 6.17 | 1.53 | down | 3.39E-01 | 9.95E-01 | --- |
| 138023_at | Covp1 | COV1 protein | 25202 | Rn.10929 | AW520369 | 7.45 | 6.09 | 6.09 | 7.45 | 6.09 | 6.09 | 1.53 | down | 2.74E-01 | 9.95E-01 | --- |
| 138024_at | --- | carbamoyl phosphate synthetase 2, aspartate transcarbamylase, and dydylic nucleic acid transferase | 24240 | Rn.19416 | BG376590 | 3.00 | 4.54 | 6.55 | 7.49 | 4.49 | 4.85 | 1.53 | up | 6.47E-01 | 9.95E-01 | --- |
| 138025_at | Cud2 | non-polymerase factor 2 | 291981 | Rn.107980 | AC217172 | 6.47 | 7.12 | 6.87 | 7.16 | 6.89 | 7.15 | 1.53 | up | 3.05E-01 | 9.95E-01 | --- |
| 138026_at | --- | --- | --- | --- | --- | 5.29 | 5.00 | 4.13 | 4.13 | 4.01 | 4.01 | 1.53 | down | 1.56E-01 | 9.95E-01 | --- |
| 138027_at | --- | --- | --- | --- | --- | 4.14 | 3.02 | 3.47 | 3.02 | 3.16 | 3.50 | 1.53 | down | 2.37E-01 | 9.95E-01 | --- |
| 138028_at | Ad1 | anti-Pf1000 factor-like 15 | Rn.32629 | BE10785 | BE10785 | 4.65 | 5.02 | 4.52 | 4.62 | 4.55 | 4.55 | 1.53 | down | 1.40E-01 | 9.95E-01 | --- |
| 138029_at | Thsd11 | thyroid adenoma associated | 313865 | Rn.15157 | BF390523 | 3.81 | 4.15 | 4.68 | 3.75 | 4.07 | 4.78 | 1.53 | down | 5.31E-01 | 9.95E-01 | --- |
| 138030_at | Dhx32 | DEAH (Asp-Glu-His) box polypeptide domain 3 | 361667 | Rn.162500 | BG668447 | 2.92 | 3.03 | 4.99 | 2.91 | 2.88 | 3.33 | 1.53 | down | 4.22E-01 | 9.95E-01 | --- |
| 138031_at | Rup9 | Rup9-related protein 1, domain 1 subunit | 316228 | Rn.98920 | BF390523 | 2.98 | 3.45 | 2.96 | 4.29 | 3.67 | 4.07 | 1.53 | down | 2.74E-01 | 9.95E-01 | --- |
| 138032_at | Tmem42 | transmembrane protein 42 | 363171 | Rn.161976 | BE111831 | 2.43 | 2.77 | 3.93 | 4.68 | 2.77 | 3.57 | 1.53 | down | 4.49E-01 | 9.95E-01 | --- |
| 138033_at | Tmem63a | transmembrane protein 63a | 298118 | Rn.19335 | B128328 | 6.88 | 6.28 | 5.95 | 6.45 | 7.04 | 6.87 | 1.53 | up | 2.70E-01 | 9.95E-01 | --- |
| 138034_at | --- | --- | --- | --- | --- | 4.65 | 5.02 | 4.68 | 5.68 | 5.68 | 5.78 | 1.53 | down | 2.68E-01 | 9.95E-01 | --- |
| 138035_at | Hira | HIRA histone cell cycle regulation defective homolog A (S. cerevisiae) | 383849 | Rn.14920 | BE118886 | 2.98 | 4.26 | 3.91 | 4.80 | 4.66 | 5.22 | 1.53 | up | 4.16E-01 | 9.95E-01 | --- |
| 138036_at | --- | --- | --- | --- | --- | 3.10 | 3.44 | 3.44 | 3.09 | 3.12 | 3.12 | 1.53 | down | 3.75E-02 | 9.95E-01 | --- |
| 138037_at | --- | --- | --- | --- | --- | 3.20 | 3.14 | 2.50 | 3.79 | 3.48 | 3.40 | 1.53 | down | 7.55E-02 | 9.95E-01 | --- |
| 138038_at | --- | --- | --- | --- | --- | 4.49 | 2.46 | 2.45 | 2.45 | 2.45 | 2.67 | 1.53 | down | 4.22E-01 | 9.95E-01 | --- |
| 138039_at | --- | --- | --- | --- | --- | 6.18 | 6.58 | 5.96 | 5.68 | 5.68 | 5.68 | 1.53 | down | 2.74E-01 | 9.95E-01 | --- |
| 138040_at | --- | --- | --- | --- | --- | 5.35 | 5.75 | 4.30 | 6.55 | 5.35 | 5.33 | 1.53 | up | 3.60E-01 | 9.95E-01 | --- |
| 138041_at | --- | --- | --- | --- | --- | 4.67 | 4.84 | 4.78 | 4.60 | 3.19 | 3.15 | 1.53 | down | 2.74E-01 | 9.95E-01 | --- |
| 138042_at | --- | --- | --- | --- | --- | 4.29 | 5.00 | 4.13 | 4.13 | 4.13 | 4.13 | 1.53 | down | 3.71E-01 | 9.95E-01 | --- |
| 138043_at | Ad1 | anti-Pf1000 factor-like 15 | Rn.32629 | BE10785 | BE10785 | 4.14 | 3.02 | 3.47 | 3.02 | 3.16 | 3.50 | 1.53 | down | 2.37E-01 | 9.95E-01 | --- |
| 138044_at | Thsd11 | thyroid adenoma associated | 313865 | Rn.15157 | BF390523 | 3.81 | 4.15 | 4.68 | 3.75 | 4.07 | 4.78 | 1.53 | down | 5.31E-01 | 9.95E-01 | --- |
| 138045_at | Dhx32 | DEAH (Asp-Glu-His) box polypeptide domain 3 | 361667 | Rn.162500 | BG668447 | 2.92 | 3.03 | 4.99 | 2.91 | 2.88 | 3.33 | 1.53 | down | 4.22E-01 | 9.95E-01 | --- |
| 138046_at | Rup9 | Rup9-related protein 1, domain 1 subunit | 316228 | Rn.98920 | BF390523 | 2.98 | 3.45 | 2.96 | 4.29 | 3.67 | 4.07 | 1.53 | down | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | FC/MS/MS | Resonance | Unpaired | Ident | Chi vs Chi (triplicates) | REG | MTC |
|--------------|--------------|---|----------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|--------------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | | | | | | | |
| 1392351_at | Fggt | lucase-1 phosphatase guanylyltransferase | 310935 | Rn_7364 | B1288242 | 3.60 | 3.67 | 3.62 | 3.86 | 4.22 | 3.56 | 1.50 | down | 2.06E-01 | 9.95E-01 | - | - | |
| 1388198_at | Nup1 | nucleoporin like 1 | 242522 | Rn_11099 | AF000899 | 3.76 | 3.80 | 3.81 | 5.54 | 3.80 | 3.77 | 1.50 | down | 3.77E-01 | 9.95E-01 | - | - | |
| 1372112_at | RC3H1/304379 | similar to RC3H1/304379 | 312248 | Rn_12117 | A048761 | 3.77 | 3.81 | 3.79 | 4.65 | 3.76 | 3.29 | 1.50 | down | 3.95E-01 | 9.95E-01 | - | - | |
| 1381950_at | Nup11 | nucleoporin 1 like | 685646 | Rn_198580 | B128004 | 5.86 | 7.15 | 5.98 | 6.25 | 6.71 | 7.78 | 1.50 | up | 3.95E-01 | 9.95E-01 | - | - | |
| 1388476_at | Eln1 | elastin | 315149 | Rn_44458 | B127048 | 4.59 | 4.69 | 4.58 | 6.00 | 4.58 | 6.11 | 1.50 | down | 5.20E-01 | 9.95E-01 | - | - | |
| 1388565_at | Xpo5 | exportin 5 | 363194 | Rn_19170 | B126945 | 4.79 | 4.64 | 4.59 | 4.37 | 4.60 | 4.30 | 1.50 | down | 1.31E-01 | 9.95E-01 | - | - | |
| 1372010_at | Mapkap5 | mitogen-activated protein kinase-inactivated protein kinase 5 | 498183 | Rn_17483 | BF263797 | 6.77 | 6.80 | 7.33 | 6.71 | 5.40 | 7.04 | 1.50 | down | 3.35E-01 | 9.95E-01 | - | - | |
| 1393327_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.43E-01 | 9.95E-01 | - | - | |
| 1383457_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 6.38E-01 | 9.95E-01 | - | - | |
| 1380195_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 2.91E-01 | 9.95E-01 | - | - | |
| 1387456_at | Stau2 | staufen, RNA binding protein, homolog 2 (Drosophila) | 171500 | Rn_19333 | B128989 | 4.61 | 4.62 | 5.50 | 6.21 | 4.17 | 4.60 | 1.50 | down | 6.38E-01 | 9.95E-01 | - | - | |
| 1393088_at | Fech | ferretinase | 361338 | Rn_92711 | BF283951 | 7.18 | 7.29 | 6.73 | 5.71 | 6.93 | 6.82 | 1.50 | down | 2.43E-01 | 9.95E-01 | - | - | |
| 1388730_at | Colo22p4 | COX24 effector protein (Rho GTPase binding 4) | 303653 | Rn_10559 | A047903 | 4.57 | 4.40 | 2.63 | 3.61 | 5.23 | 4.49 | 1.50 | up | 4.97E-01 | 9.95E-01 | - | - | |
| 1378117_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 4.79E-01 | 9.95E-01 | - | - | |
| 1382753_at | Alp4b | ATG4 autophalg related 4 homolog B (S. cerevisiae) | 318640 | Rn_16508 | B1374362 | 5.14 | 3.39 | 2.85 | 3.38 | 3.11 | 3.14 | 1.50 | down | 4.52E-01 | 9.95E-01 | - | - | |
| 1378127_at | Cu12 | culin 2 | 312248 | Rn_20188 | AWS54318 | 4.57 | 6.54 | 5.09 | 5.51 | 5.78 | 5.86 | 1.50 | down | 6.52E-02 | 9.95E-01 | - | - | |
| 1374223_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 4.79E-01 | 9.95E-01 | - | - | |
| 1394196_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | up | 1.68E-01 | 9.95E-01 | - | - | |
| 1397590_at | Myo1b | myosin Ib | 117057 | Rn_36339 | A089008 | 2.56 | 3.41 | 2.63 | 3.38 | 5.61 | 2.41 | 1.49 | up | 4.41E-01 | 9.95E-01 | - | - | |
| 1376076_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 7.97E-02 | 9.95E-01 | - | - | |
| 1394630_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.54E-01 | 9.95E-01 | - | - | |
| 1376949_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.67E-01 | 9.95E-01 | - | - | |
| 1378771_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 2.23E-01 | 9.95E-01 | - | - | |
| 1378707_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.87E-01 | 9.95E-01 | - | - | |
| 1383052_2_at | Zfp1 | zinc finger protein 1 | 246282 | Rn_11724 | BE112093 | 4.50 | 6.25 | 4.51 | 4.87 | 4.22 | 4.43 | 1.49 | up | 3.98E-01 | 9.95E-01 | - | - | |
| 1373118_at | Rps16 | ribosomal protein S16 | 140655 | Rn_29791 | BG668872 | 9.70 | 10.07 | 9.68 | 10.03 | 10.44 | 10.64 | 1.49 | up | 4.82E-02 | 9.95E-01 | - | - | |
| 1377781_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.35E-02 | 9.95E-01 | - | - | |
| 1388490_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 6.84E-01 | 9.95E-01 | - | - | |
| 1377424_at | Dut | Deoxyuridine triphosphatase | 497778 | Rn_6102 | A172872 | 6.62 | 6.95 | 7.88 | 6.78 | 5.69 | 7.24 | 1.49 | down | 3.88E-01 | 9.95E-01 | - | - | |
| 1397634_at | Rtn3 | retinoic acid-inducible protein 13 (all-trans-9-cis) | 361504 | Rn_2371 | B1204052 | 3.40 | 2.79 | 3.25 | 4.59 | 3.35 | 3.24 | 1.49 | up | 2.85E-01 | 9.95E-01 | - | - | |
| 1383553_at | Nrx1 | 3/2 family member X1 | 259487 | Rn_12444 | BE076763 | 3.17 | 4.89 | 4.05 | 4.65 | 4.56 | 5.26 | 1.49 | down | 3.98E-01 | 9.95E-01 | - | - | |
| 1368899_at | Trmp3 | TM6P methyltransferase inhibitor 3 | 307558 | Rn_119834 | NM_012898 | 9.94 | 9.27 | 8.74 | 9.20 | 9.01 | 8.00 | 1.49 | down | 3.19E-01 | 9.95E-01 | - | - | |
| 1376929_at | Mmp9 | MMP9 | 305113 | Rn_119834 | NM_012898 | 9.94 | 9.27 | 8.74 | 9.20 | 9.01 | 8.00 | 1.49 | down | 3.19E-01 | 9.95E-01 | - | - | |
| 1393988_at | Dido1 | death inducer-1 | 362286 | Rn_21844 | BE107675 | 5.86 | 5.18 | 5.18 | 5.18 | 5.19 | 4.11 | 1.49 | down | 2.42E-01 | 9.95E-01 | - | - | |
| 1393100_at | RC3H1/305069 | similar to RC3H1/305069 | 299950 | Rn_35652 | A071493 | 4.68 | 4.64 | 3.44 | 3.93 | 5.10 | 4.45 | 1.49 | up | 3.97E-01 | 9.95E-01 | - | - | |
| 1376549_at | Su201 | suppressor of tumorigenesis family, cationic, 2B, member 1 | 292915 | Rn_10009 | B128927 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 1.49 | down | 1.41E-01 | 9.95E-01 | - | - | |
| 1398407_at | Tnfrap | tumor necrosis factor, alpha-induced protein 8 | 307428 | Rn_116157 | A081395 | 7.12 | 7.31 | 8.21 | 6.83 | 6.56 | 7.53 | 1.49 | down | 2.84E-01 | 9.95E-01 | - | - | |
| 1383535_at | Eln2 | elastin | 302897 | Rn_22316 | BE107675 | 5.86 | 5.18 | 5.18 | 5.18 | 5.19 | 4.11 | 1.49 | down | 1.93E-01 | 9.95E-01 | - | - | |
| 1374480_at | Daam1 | disseminated associated activator of morphogenesis 1 | 314212 | Rn_92012 | BE107255 | 7.05 | 6.35 | 5.84 | 5.95 | 4.70 | 6.86 | 1.49 | down | 4.65E-01 | 9.95E-01 | - | - | |
| 1395349_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.94E-01 | 9.95E-01 | - | - | |
| 1376532_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.98E-01 | 9.95E-01 | - | - | |
| 1388085_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.73E-01 | 9.95E-01 | - | - | |
| 1374639_at | Spq7 | spastic paraparesis 7 homolog (human) | 353231 | Rn_16437 | BE325255 | 7.43 | 7.98 | 7.88 | 7.20 | 6.68 | 7.89 | 1.49 | down | 1.66E-01 | 9.95E-01 | - | - | |
| 1386916_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.45E-01 | 9.95E-01 | - | - | |
| 1387011_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.51E-01 | 9.95E-01 | - | - | |
| 1383012_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 4.05E-01 | 9.95E-01 | - | - | |
| 1392278_at | Khd3c | ketch domain containing 3 | 363192 | Rn_20358 | BF10753 | 2.45 | 2.43 | 2.61 | 4.38 | 2.46 | 2.39 | 1.49 | up | 4.27E-01 | 9.95E-01 | - | - | |
| 1381135_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 3.78E-01 | 9.95E-01 | - | - | |
| 1372110_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.41E-01 | 9.95E-01 | - | - | |
| 1381840_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.88E-01 | 9.95E-01 | - | - | |
| 1388813_at | Ru1 | rib-1 phosphorylation factor 2 | 7819 | Rn_12187 | BF40283 | 3.69 | 2.87 | 2.45 | 2.44 | 2.45 | 2.40 | 1.49 | down | 1.87E-01 | 9.95E-01 | - | - | |
| 1380051_at | Ru6 | rib-6 phosphorylation factor 2 | 304271 | Rn_53300 | BE12166 | 6.80 | 6.84 | 6.80 | 6.80 | 6.84 | 6.82 | 1.49 | down | 6.80E-01 | 9.95E-01 | - | - | |
| 1394101_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 1.88E-01 | 9.95E-01 | - | - | |
| 1378045_at | Mlec | melastatin | 305453 | Rn_16240 | B120240 | 6.20 | 4.78 | 5.43 | 4.20 | 5.27 | 5.21 | 1.49 | down | 3.44E-01 | 9.95E-01 | - | - | |
| 1384237_at | Pex10 | peroxisome biogenesis factor 10 | 680424 | Rn_111 | BF42962 | 6.74 | 6.71 | 6.22 | 6.73 | 6.78 | 6.88 | 1.49 | up | 1.12E-01 | 9.95E-01 | - | - | |
| 1383206_at | Coq3 | cofactor of oligomeric gdp activating protein 3 | 361073 | Rn_16331 | A055098 | 6.15 | 7.57 | 7.50 | 7.84 | 6.88 | 8.24 | 1.49 | up | 4.02E-01 | 9.95E-01 | - | - | |
| 1383595_at | Kn | kinase related receptor, LDLR class A repeats-containing | 303701 | Rn_53701 | BE114414 | 6.68 | 6.02 | 6.59 | 6.17 | 4.49 | 6.36 | 1.49 | down | 4.02E-01 | 9.95E-01 | - | - | |
| 1397452_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.50 | down | 2.13E-01 | 9.95E-01 | - | - | |
| 1387116_at | Spag2 | smoothened GTPase activating protein 2 | 368040 | Rn_22459 | BE107675 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | 1.49 | down | 4.19E-01 | 9.95E-01 | - | - | |
| 1387612_at | Ankrk52 | ankyrin repeat domain 52 | 362811 | Rn_8972 | BF395867 | 2.47 | 2.51 | 2.49 | 4.21 | 2.56 | 2.43 | 1.49 | down | 3.72E-01 | 9.95E-01 | - | - | |
| 1391255_at | LOC10174969 | hypothetical LOC10174969 | 10017409 | Rn_16838 | B1338785 | 4.01 | 4.00 | 3.52 | 3.81 | 4.63 | 4.82 | 1.49 | up | 1.76E-01 | 9.95E-01 | - | - | |
| 1390646_at | Hs42 | hypothetical LOC10174969 | 313462 | Rn_60559 | BF47693 | 3.93 | 4.47 | 4.49 | 4.49 | 4.49 | 4.49 | 1.49 | down | 4.95E-01 | 9.95E-01 | - | - | |
| 1386848_at | Lmn1 | lamin, mannosyl-binding, 1 | 116666 | Rn_23734 | AW512623 | 4.86 | 5.57 | 6.16 | 6.23 | 5.86 | 6.23 | 1.49 | up | 2.20E-01 | 9.95E-01 | - | - | |
| 1390710_at | Sor1 | sortilin-related receptor, LDLR class A repeats-containing | 302714 | NM_035898 | BE107675 | 5.86 | 5.83 | 5.87 | 5.82 | 6.46 | 7.00 | 1.49 | up | 1.36E-01 | 9.95E-01 | - | - | |
| 1392528_at | Cy2a1 | cytochrome P450, family 20, subfamily A, polypeptide 1 | 309652 | Rn_19050 | A044273 | 6.91 | 6.35 | 6.17 | 6.12 | 5.32 | 6.26 | 1.49 | down | 1.93E-01 | 9.95E-01 | - | - | |
| 1378515_at | Syp1 | synaptobrevin 1 | 301915 | Rn_10180 | BE118004 | 6.91 | 6.91 | 7.94 | 6.80 | 6.20 | 7.88 | 1.49 | down | 1.46E-01 | 9.95E-01 | - | - | |
| 1385475_2_at | Zk25 | zinc finger and BTB domain containing 20 | 363071 | Rn_12735 | A030451 | 3.15 | 3.78 | 2.69 | 2.61 | 2.71 | 2.56 | 1.49 | down | 1.46E-01 | 9.95E-01 | - | - | |
| 1382624_at | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEFP (Ct) | SEFP (S) | SEFP (M) | SEFP (A) | SEFP (Ca) | SEFP (Co) | FC/MS/MS | Resolution | Unpaired t-test (vs. CH) (p-values) | REG | MTC | |
|------------|--------------|--|---------|------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|------------|-------------------------------------|----------|----------|-----|
| 137869 | --- | --- | --- | --- | BCG37911 | 3.22 | 3.55 | 3.81 | 3.24 | 5.49 | 3.54 | 1.48 | up | 4.80E-01 | 9.95E-01 | --- | |
| 138886 | Rn25 | RNA binding motif protein 25 | 366693 | Rn.95226 | BM32240 | 4.87 | 6.18 | 5.66 | 5.83 | 3.47 | 5.73 | 1.48 | down | 5.47E-01 | 9.95E-01 | --- | |
| 137870 | LOC1337465 | LOC1337465 | --- | --- | A110459 | 4.40 | 4.96 | 4.66 | 3.66 | 3.79 | 3.62 | 1.48 | down | 1.46E-02 | 9.95E-01 | --- | |
| 137870 | LOC1337465 | LOC1337465 | --- | --- | BM48985 | 3.75 | 4.23 | 5.02 | 3.59 | 3.55 | 4.17 | 1.48 | down | 2.52E-01 | 9.95E-01 | --- | |
| 137870 | LOC1337465 | LOC1337465 | --- | --- | LOC111531 | 3.22 | 3.55 | 3.81 | 3.24 | 5.49 | 3.54 | 1.48 | down | 4.80E-01 | 9.95E-01 | --- | |
| 1373133 | Alb3 | UDP-glucosyltransferase | 500282 | Rn.6283 | BF410786 | 7.80 | 8.00 | 8.59 | 8.61 | 9.14 | 8.83 | 1.48 | up | 1.27E-01 | 9.95E-01 | --- | |
| 1372969 | Flu3 | ATP-ribosyl transferase | 366129 | Rn.36356 | BI28951 | 6.50 | 7.88 | 7.22 | 6.62 | 6.37 | 6.72 | 1.48 | down | 1.95E-01 | 9.95E-01 | --- | |
| 1373736 | --- | --- | --- | --- | Rn.137177 | 5.28 | 6.18 | 6.46 | 6.81 | 6.81 | 6.81 | 1.48 | up | 2.98E-01 | 9.95E-01 | --- | |
| 138532 | --- | similar to hypothetical protein | 361301 | Rn.54793 | AI598496 | 6.23 | 3.05 | 3.01 | 2.66 | 3.99 | 3.63 | 1.48 | up | 2.61E-01 | 9.95E-01 | --- | |
| 1374633 | Plec13 | peroxisomal biogenesis factor 13 | 365581 | Rn.21784 | BM32240 | 8.24 | 6.08 | 6.38 | 7.45 | 7.68 | 7.98 | 1.48 | down | 3.24E-02 | 9.95E-01 | --- | |
| 1374633 | Hmt | histamine N-methyltransferase | 361766 | Rn.13145 | NM_031044 | 8.98 | 10.01 | 10.52 | 9.80 | 9.61 | 10.32 | 1.48 | down | 1.76E-01 | 9.95E-01 | --- | |
| 1374285 | --- | --- | --- | --- | Rn.203820 | 6.34 | 5.66 | 5.27 | 6.81 | 6.31 | 6.83 | 1.48 | up | 2.59E-01 | 9.95E-01 | --- | |
| 1373965 | --- | --- | --- | --- | Rn.7000 | A141933 | 3.63 | 3.57 | 4.88 | 4.96 | 4.32 | 4.49 | 1.48 | up | 2.98E-01 | 9.95E-01 | --- |
| 1373877 | Lsm11 | LSM11, U7 small nuclear RNA associated | 501688 | Rn.40966 | AI548493 | 3.83 | 2.52 | 2.62 | 3.24 | 4.17 | 3.24 | 1.48 | up | 3.43E-01 | 9.95E-01 | --- | |
| 1373877 | SfD1 | splicing factor 3b, subunit 1 | 84486 | Rn.19843 | BF23261 | 5.16 | 5.44 | 5.23 | 6.17 | 5.61 | 5.74 | 1.48 | up | 4.01E-02 | 9.95E-01 | --- | |
| 1373747 | Pisp14 | Protein tyrosine phosphatase, non-receptor type 14 | 365264 | Rn.61969 | BE17449 | 7.29 | 3.98 | 2.58 | 2.60 | 2.59 | 2.93 | 1.48 | down | 1.95E-01 | 9.95E-01 | --- | |
| 1373705 | --- | --- | --- | --- | Rn.164619 | AI103822 | 7.97 | 8.00 | 7.34 | 8.27 | 8.48 | 8.32 | 1.48 | up | 8.22E-02 | 9.95E-01 | --- |
| 1373705 | --- | --- | --- | --- | Rn.20778 | BE39565 | 5.42 | 5.72 | 7.00 | 6.85 | 5.96 | 6.91 | 1.48 | up | 3.91E-01 | 9.95E-01 | --- |
| 1362186_a | Gsk3h4 | GSK-3 family class IV containing 4 | 299228 | Rn.16616 | A136314 | 3.59 | 3.74 | 3.32 | 4.63 | 6.68 | 6.83 | 1.48 | up | 6.01E-01 | 9.95E-01 | --- | |
| 1388651_a | Hspa9 | heat shock protein 9 | 291671 | Rn.7635 | BI282281 | 8.47 | 9.14 | 9.43 | 9.19 | 9.50 | 10.02 | 1.48 | up | 2.08E-01 | 9.95E-01 | --- | |
| 1383032_a | Tmub2 | transmembrane and ubiquitin-like domain containing 2 | 303567 | Rn.143886 | AI42948 | 4.49 | 5.39 | 5.40 | 5.23 | 5.40 | 6.34 | 1.48 | up | 2.88E-01 | 9.95E-01 | --- | |
| 1383032_a | Bsd1 | BSD domain containing 1 | 297890 | Rn.3040 | BI287209 | 8.00 | 7.97 | 7.97 | 7.84 | 6.63 | 7.39 | 1.48 | down | 2.77E-01 | 9.95E-01 | --- | |
| 1383032_a | Tmub1 | transmembrane and ubiquitin-like domain containing 1 | 33616 | Rn.20992 | NM_031796 | 3.62 | 2.49 | 2.66 | 2.77 | 2.46 | 2.34 | 1.48 | down | 7.73E-02 | 9.95E-01 | --- | |
| 1396444 | Mrgp2 | mitochondrial ribosomal protein L12 | 303746 | Rn.105932 | BF524934 | 4.71 | 5.71 | 5.83 | 6.36 | 5.71 | 5.86 | 1.48 | up | 2.39E-01 | 9.95E-01 | --- | |
| 1371749 | LOC1508001 | LOC1508001 | --- | --- | Rn.34642 | AI184939 | 5.33 | 5.32 | 5.54 | 5.33 | 6.61 | 5.73 | 1.48 | up | 2.12E-01 | 9.95E-01 | --- |
| 1371555 | --- | --- | --- | --- | Rn.33247 | BF410502 | 4.38 | 2.91 | 2.88 | 2.80 | 2.61 | 2.88 | 1.48 | down | 3.57E-01 | 9.95E-01 | --- |
| 137032 | --- | --- | --- | --- | Rn.166390 | AI103506 | 3.48 | 3.47 | 3.64 | 3.57 | 5.16 | 3.54 | 1.48 | up | 3.55E-01 | 9.95E-01 | --- |
| 137032 | Chr9p2 | Chromosome 9 p21 region | 685814 | Rn.40368 | A091959 | 8.98 | 7.44 | 8.00 | 7.44 | 8.22 | 8.60 | 1.48 | up | 2.67E-01 | 9.95E-01 | --- | |
| 1371961 | LOC1311249 | LOC1311249 | --- | --- | Rn.631818 | AA84318 | 5.95 | 6.11 | 6.13 | 7.09 | 5.11 | 6.31 | 1.48 | down | 5.70E-01 | 9.95E-01 | --- |
| 1371961 | LOC1311249 | LOC1311249 | --- | --- | AI907033 | 7.19 | 8.11 | 8.10 | 7.82 | 5.88 | 6.02 | 1.48 | down | 4.94E-01 | 9.95E-01 | --- | |
| 1368654 | Chr4p1 | Chromosome 4 p1 region | 338019 | Rn.33021 | AI907033 | 3.03 | 3.92 | 4.19 | 4.06 | 4.57 | 4.91 | 1.48 | up | 3.91E-01 | 9.95E-01 | --- | |
| 1368654 | Chr4p1 | Chromosome 4 p1 region | 338019 | Rn.33021 | AI907033 | 2.51 | 2.47 | 2.51 | 2.47 | 4.26 | 2.45 | 1.48 | up | 4.05E-01 | 9.95E-01 | --- | |
| 1374462 | LOC1311429 | LOC1311429 | --- | --- | Rn.24642 | AI184939 | 5.33 | 5.32 | 5.54 | 5.33 | 6.61 | 5.73 | 1.48 | up | 2.12E-01 | 9.95E-01 | --- |
| 1383791 | Rif31 | rifampin binding protein 31 | 364386 | Rn.138034 | BF411972 | 3.36 | 3.17 | 2.66 | 4.00 | 3.22 | 3.65 | 1.47 | up | 1.45E-01 | 9.95E-01 | --- | |
| 1370890 | Actr3 | ARF3 actin-related protein 3 homolog (yeast) | 81732 | Rn.103326 | GI292004 | 8.93 | 8.48 | 8.98 | 8.26 | 8.66 | 8.99 | 1.47 | down | 3.62E-02 | 9.95E-01 | --- | |
| 1369252 | --- | --- | --- | --- | Rn.147866 | AI952146 | 3.13 | 3.32 | 3.57 | 3.47 | 3.52 | 3.57 | 1.48 | up | 1.47E-01 | 9.95E-01 | --- |
| 1370622 | LOC100151767 | LOC100151767 | --- | --- | BI291230 | 7.50 | 8.31 | 7.43 | 8.42 | 7.60 | 8.90 | 1.47 | up | 3.00E-01 | 9.95E-01 | --- | |
| 138844 | Ubr1 | ubiquitin-protein ligase E3 component 1 | 302222 | Rn.20222 | BM32240 | 6.45 | 6.57 | 6.45 | 6.32 | 7.23 | 7.44 | 1.48 | up | 4.63E-02 | 9.95E-01 | --- | |
| 1378716 | Pou6f1 | POU class B homeobox 1 | 116545 | Rn.44845 | BE091703 | 2.54 | 2.55 | 2.51 | 2.42 | 2.46 | 3.44 | 1.47 | up | 1.45E-01 | 9.95E-01 | --- | |
| 1378216 | Rp28 | ribosomal protein L28 | 28747 | Rn.203997 | BM38760 | 5.19 | 6.49 | 6.21 | 6.52 | 6.33 | 6.72 | 1.47 | up | 3.21E-01 | 9.95E-01 | --- | |
| 1378216 | Rp28 | ribosomal protein L28 | 28747 | Rn.203997 | AI952146 | 11.19 | 11.33 | 11.00 | 11.19 | 11.33 | 11.10 | 1.48 | up | 2.84E-01 | 9.95E-01 | --- | |
| 1381871 | Soc2 | serpin-thiolate repressing 10 domain containing receptor 2 | 288925 | Rn.98317 | AI598071 | 5.77 | 5.47 | 4.38 | 5.92 | 5.46 | 5.90 | 1.47 | up | 2.50E-01 | 9.95E-01 | --- | |
| 1384433 | --- | --- | --- | --- | Rn.41133 | BM38760 | 3.09 | 4.36 | 4.27 | 3.26 | 3.48 | 3.30 | 1.47 | down | 2.50E-01 | 9.95E-01 | --- |
| 1384433 | --- | --- | --- | --- | Rn.201938 | BM38760 | 7.29 | 6.92 | 6.06 | 7.19 | 6.85 | 6.85 | 1.47 | up | 2.49E-01 | 9.95E-01 | --- |
| 1384433 | --- | --- | --- | --- | Rn.12544 | BE12883 | 6.20 | 7.50 | 7.30 | 7.62 | 7.68 | 7.38 | 1.47 | up | 5.48E-01 | 9.95E-01 | --- |
| 1384433 | --- | --- | --- | --- | Rn.16485 | BI28928 | 3.64 | 3.77 | 3.14 | 4.06 | 4.15 | 4.01 | 1.47 | up | 4.53E-02 | 9.95E-01 | --- |
| 1384433 | --- | --- | --- | --- | Rn.17725 | 5.84 | 4.01 | 3.62 | 3.79 | 3.90 | 4.20 | 1.47 | down | 4.66E-01 | 9.95E-01 | --- | |
| 1384433 | --- | --- | --- | --- | Rn.32312 | BI28946 | 6.63 | 6.92 | 6.90 | 6.90 | 6.90 | 6.90 | 1.47 | up | 2.93E-01 | 9.95E-01 | --- |
| 1384433 | --- | --- | --- | --- | Rn.129730 | AA98545 | 2.58 | 2.49 | 2.55 | 2.32 | 3.12 | 2.88 | 1.47 | up | 9.34E-01 | 9.95E-01 | --- |
| 1374613 | LOC10035452 | LOC10035452 | --- | --- | Rn.17786 | AI907033 | 6.80 | 6.79 | 5.91 | 6.80 | 6.80 | 1.47 | up | 1.46E-01 | 9.95E-01 | --- | |
| 1382311 | Dusp18 | Dual specificity phosphatase 18 | 306477 | Rn.159894 | A0071054 | 3.02 | 3.08 | 2.33 | 2.40 | 3.85 | 3.14 | 1.47 | up | 3.16E-01 | 9.95E-01 | --- | |
| 1388605_a | Pmb2 | beta-phosphotransferase-2, beta-phosphatase 2 | 24640 | Rn.44844 | AB040532 | 4.43 | 4.23 | 3.28 | 2.43 | 2.96 | 2.88 | 1.47 | down | 3.64E-01 | 9.95E-01 | --- | |
| 1388605_a | Pmb2 | beta-phosphotransferase-2, beta-phosphatase 2 | 24640 | Rn.44844 | BI292004 | 4.23 | 4.04 | 4.46 | 4.46 | 4.46 | 4.46 | 1.47 | up | 1.45E-01 | 9.95E-01 | --- | |
| 1388605_a | Pmb2 | beta-phosphotransferase-2, beta-phosphatase 2 | 24640 | Rn.44844 | BE091703 | 2.54 | 2.52 | 2.54 | 2.80 | 2.97 | 2.51 | 1.47 | up | 2.79E-01 | 9.95E-01 | --- | |
| 138475 | Agp3 | antigenase paternally expressed gene 3 | 619476 | Rn.49740 | AI022113 | 5.18 | 5.96 | 4.77 | 5.62 | 6.59 | 5.18 | 1.47 | up | 3.55E-01 | 9.95E-01 | --- | |
| 138895 | Rp25a | ribosomal protein L25a | 29147 | Rn.114458 | A114458 | 3.16 | 3.62 | 4.40 | 4.47 | 5.82 | 6.59 | 1.47 | up | 9.75E-01 | 9.95E-01 | --- | |
| 138895 | Rp25a | ribosomal protein L25a | 29147 | Rn.114458 | NM_022510 | 10.03 | 10.48 | 9.91 | 10.58 | 10.52 | 10.49 | 1.47 | up | 6.81E-02 | 9.95E-01 | --- | |
| 137844 | Kdm9 | histone H3K9 demethylase | 64009 | Rn.94009 | AF24264 | 6.28 | 6.48 | 6.48 | 6.28 | 6.48 | 6.48 | 1.47 | up | 3.47E-01 | 9.95E-01 | --- | |
| 1387832 | Lysyl1 | lysophospholipase 1 | 25514 | Rn.39394 | NM_013006 | 9.23 | 9.10 | 9.75 | 8.82 | 8.73 | 8.86 | 1.47 | down | 5.04E-02 | 9.95E-01 | --- | |
| 1388953 | Fam20b | family with sequence similarity 20, member B | 304485 | Rn.34667 | AA005075 | 7.71 | 8.69 | 8.61 | 7.91 | 7.40 | 8.02 | 1.47 | down | 2.04E-01 | 9.95E-01 | --- | |
| 1388953 | Fam20b | family with sequence similarity 20, member B | 304485 | Rn.34667 | AI145033 | 4.29 | 4.29 | 3.95 | 3.29 | 4.29 | 4.29 | 1.47 | up | 1.45E-01 | 9.95E-01 | --- | |
| 1372556 | Actp | cysteine-rich intestinal protein | 691657 | Rn.8405 | BF550246 | 4.40 | 6.12 | 2.51 | 4.42 | 2.97 | 3.26 | 1.47 | down | 6.47E-01 | 9.95E-01 | --- | |
| 1388433 | Crip1 | arabinosyl reagent and S1B (PO2) domain containing 1 | 297432 | Rn.40721 | AI411278 | 4.62 | 5.15 | 4.08 | 5.13 | 5.15 | 5.93 | 1.47 | up | 1.46E-01 | 9.95E-01 | --- | |
| 1388433 | Crip1 | arabinosyl reagent and S1B (PO2) domain containing 1 | 297432 | Rn.40721 | BF40269 | 3.90 | 2.67 | 2.47 | 2.47 | 2.46 | 2.46 | 1.47 | down | 2.93E-01 | 9.95E-01 | --- | |
| 1393599 | Zfp799 | zinc finger protein 799 | 484339 | Rn.24086 | AI137960 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEFP (Cn) | SEFP (Ca) | SEFP (S) | SEFP (O) | SEFP (Ca) | SEFP (Ca) | FCMhouse | Resolution | Unpaired t-test vs Cn (p-value) | Unpaired t-test vs Cn (p-value) | REG | MTC | |
|------------|-------------|--|---------|------------|-----------|----------------------|-----------|----------|----------|-----------|-----------|----------|------------|---------------------------------|---------------------------------|----------|-----|---|
| | | | | | | GCRA Intensity (log) | | | | | | | | | | | | |
| 1374145_at | Phf1d1 | PfH1 domain containing 1 | 292898 | Rn.155172 | BF142522 | 2.85 | 4.03 | 2.64 | 3.85 | 3.76 | 4.34 | 1.48 | up | 4.29E-01 | 8.95E-01 | - | - | |
| 1382265_at | Gcap14 | granule cell antiserum polypeptide 14 | 303036 | Rn.96252 | AJ007001 | 9.22 | 9.06 | 8.84 | 8.03 | 7.91 | 9.54 | 1.48 | down | 3.66E-01 | 8.95E-01 | - | - | |
| 1388787_at | Hsd3r1 | hydroxy-delta-5-steroid dehydrogenase 3, beta- and steroid delta-isomerase 1 | 360348 | Rn.12884 | U01705 | 6.14 | 6.99 | 5.10 | 2.84 | 3.51 | 4.53 | 1.48 | down | 4.83E-01 | 8.95E-01 | - | - | |
| 1388793_at | KOBT | kinectin 7 (Drosophila) | 249913 | Rn.14259 | BC023833 | 6.65 | 6.60 | 6.59 | 6.11 | 6.07 | 7.14 | 1.48 | down | 2.67E-01 | 8.95E-01 | - | - | |
| 1382101_at | RD1563296 | similar to component of oligomeric golgi complex I isoform 1 | 314030 | --- | AA842583 | 4.08 | 4.83 | 4.64 | 4.85 | 5.25 | 5.10 | 1.48 | up | 6.97E-02 | 8.95E-01 | - | - | |
| 1382105_at | --- | --- | --- | --- | BF044338 | 3.78 | 3.09 | 2.82 | 3.80 | 2.59 | 4.74 | 1.48 | up | 4.83E-01 | 8.95E-01 | - | - | |
| 1379814_at | --- | --- | --- | --- | BW552796 | 6.65 | 6.60 | 6.59 | 6.11 | 6.07 | 7.14 | 1.48 | down | 2.67E-01 | 8.95E-01 | - | - | |
| 1387946_at | Pdml1 | PCD and LIM domain 1 | 54133 | Rn.11170 | NM_017395 | 2.99 | 4.27 | 3.01 | 4.68 | 3.44 | 3.07 | 1.48 | up | 3.88E-01 | 8.95E-01 | - | - | |
| 1388772_at | Lam1 | Lamin B3 homolog, L8 small nuclear RNA associated (S. cerevisiae) | 269193 | Rn.10770 | AF10704 | 6.98 | 8.06 | 6.31 | 8.10 | 8.30 | 8.57 | 1.48 | down | 2.70E-01 | 8.95E-01 | - | - | |
| 1388810_at | LOC888018 | Similar to SH3 domain binding protein 3 | 688018 | Rn.162088 | BM059412 | 4.33 | 6.04 | 4.62 | 6.30 | 8.80 | 8.64 | 1.48 | up | 4.83E-01 | 8.95E-01 | - | - | |
| 1374185_at | Tandf11 | Thioredoxin domain containing 11 | 320899 | Rn.54595 | AJ232819 | 5.21 | 5.69 | 5.18 | 5.83 | 5.70 | 6.19 | 1.48 | up | 6.89E-02 | 8.95E-01 | - | - | |
| 1379895_at | SR15 | ligand factor arginine-serine-rich 15 | 249204 | Rn.101868 | AJ052753 | 5.77 | 6.71 | 2.49 | 6.62 | 6.58 | 7.12 | 1.48 | up | 1.89E-01 | 8.95E-01 | - | - | |
| 1393274_at | RD1315176 | similar to PRO1853 homolog | 298748 | Rn.27740 | AJ059798 | 4.22 | 3.24 | 3.17 | 2.39 | 2.40 | 2.39 | 1.48 | down | 1.06E-01 | 8.95E-01 | - | - | |
| 1379899_at | RD1304862 | similar to RIKEN cDNA 281025M15 | 289138 | Rn.189922 | BF149886 | 8.63 | 8.89 | 8.44 | 8.08 | 7.98 | 8.26 | 1.48 | down | 2.46E-02 | 8.95E-01 | - | - | |
| 1380729_at | Zc3h12a | Zinc finger CCHC type containing 12A | 315887 | Rn.93819 | AF174989 | 7.13 | 5.51 | 5.94 | 6.08 | 5.44 | 5.62 | 1.48 | down | 3.60E-01 | 8.95E-01 | - | - | |
| 1388197_at | Znf505 | Zinc finger, DHHC-type containing 5 | 362169 | Rn.4040 | BF504989 | 7.10 | 5.51 | 5.94 | 6.08 | 5.44 | 5.62 | 1.48 | down | 3.60E-01 | 8.95E-01 | - | - | |
| 1372044_at | Marsr1 | MANSO domain containing 1 | 690606 | Rn.155646 | BE107400 | 4.02 | 4.15 | 2.75 | 3.89 | 2.70 | 2.69 | 1.48 | down | 4.13E-01 | 8.95E-01 | - | - | |
| 1397997_at | RD1310348 | similar to Ser7-rrh protein T10 in DGCRC region | 360738 | Rn.101776 | AA110321 | 4.71 | 4.89 | 3.29 | 5.28 | 4.19 | 5.02 | 1.48 | up | 1.18E-01 | 8.95E-01 | - | - | |
| 1371506_at | EKA2 | Eukaryotic translation initiation factor 4A2 | 303831 | Rn.143972 | BF359783 | 8.70 | 9.72 | 9.25 | 8.95 | 8.44 | 7.75 | 1.48 | down | 3.88E-01 | 8.95E-01 | - | - | |
| 1372057_at | --- | --- | --- | --- | AB891207 | 5.83 | 6.03 | 6.07 | 5.99 | 6.17 | 6.40 | 1.48 | up | 1.58E-01 | 8.95E-01 | - | - | |
| 1373230_at | Eaf2 | eukaryotic translation elongation factor 2 | 29565 | Rn.1186 | BZ028183 | 4.34 | 3.90 | 4.08 | 5.12 | 4.88 | 3.95 | 1.48 | up | 2.24E-01 | 8.95E-01 | - | - | |
| 1382142_at | --- | --- | --- | --- | NM_017245 | 5.67 | 6.71 | 2.49 | 6.62 | 6.58 | 7.12 | 1.48 | down | 2.22E-01 | 8.95E-01 | - | - | |
| 1373232_at | --- | --- | --- | --- | AJ029975 | 2.81 | 2.59 | 2.82 | 3.18 | 3.36 | 3.12 | 1.48 | up | 5.00E-03 | 8.95E-01 | - | - | |
| 1379493_at | --- | --- | --- | --- | BZ042012 | 3.54 | 2.45 | 3.79 | 2.45 | 2.47 | 3.22 | 1.48 | down | 1.00E-01 | 8.95E-01 | - | - | |
| 1379194_at | --- | --- | --- | --- | Rn.19441 | H53017 | 4.31 | 4.60 | 4.66 | 5.38 | 5.29 | 4.74 | 1.48 | up | 1.00E-01 | 8.95E-01 | - | - |
| 1388520_at | Wp1 | WD repeat domain 1 | 369050 | Rn.12107 | AJ214490 | 3.29 | 3.95 | 3.80 | 3.00 | 3.36 | 3.32 | 1.48 | up | 4.85E-01 | 8.95E-01 | - | - | |
| 1384323_at | Pamc6 | proteasome (prosome, macropain) 26S subunit, ATpase, 6 | 299990 | Rn.103233 | BF149389 | 3.38 | 8.60 | 8.91 | 7.27 | 8.41 | 8.55 | 1.48 | down | 2.78E-01 | 8.95E-01 | - | - | |
| 1374475_at | Wp7 | WD repeat domain 7 | 294783 | Rn.17290 | BE097245 | 4.37 | 5.53 | 5.38 | 4.52 | 4.45 | 5.65 | 1.48 | up | 4.53E-01 | 8.95E-01 | - | - | |
| 1386011_at | Nemec2 | homeotic domain 2, MMS21 homolog (S. cerevisiae) | 299697 | Rn.202646 | BC192957 | 6.01 | 6.76 | 5.01 | 8.14 | 6.05 | 6.01 | 1.48 | down | 4.44E-01 | 8.95E-01 | - | - | |
| 1394086_at | Wp9 | SUMO1/leucine specific protease 7 | 288167 | Rn.162010 | AJ009881 | 3.74 | 5.26 | 5.96 | 5.15 | 5.52 | 5.92 | 1.48 | up | 4.74E-01 | 8.95E-01 | - | - | |
| 1385423_at | Hmns1 | histone H1 | 329940 | Rn.137881 | AF027564 | 3.22 | 3.40 | 4.27 | 3.37 | 4.12 | 3.49 | 1.48 | down | 2.93E-01 | 8.95E-01 | - | - | |
| 1385511_at | Hira | HIRA histone core cycle regulation defective homolog A (S. cerevisiae) | 363849 | Rn.14920 | BF555598 | 4.12 | 2.48 | 2.51 | 2.49 | 2.50 | 2.48 | 1.48 | down | 3.71E-01 | 8.95E-01 | - | - | |
| 1385676_at | Pnk | polymerase (DNA directed) kappa | 171525 | Rn.92419 | BF325336 | 2.75 | 3.32 | 3.70 | 2.60 | 2.76 | 2.78 | 1.48 | down | 1.25E-01 | 8.95E-01 | - | - | |
| 1379414_at | Mapk9 | mitogen-activated protein kinase 9 (cytosolic, calcium-independent) | 302519 | Rn.54492 | U15186 | 8.51 | 6.89 | 6.01 | 6.58 | 6.52 | 6.52 | 1.48 | down | 3.23E-01 | 8.95E-01 | - | - | |
| 1374822_at | --- | --- | --- | --- | BE118465 | 4.74 | 4.52 | 5.00 | 4.47 | 4.19 | 3.98 | 1.48 | down | 5.11E-02 | 8.95E-01 | - | - | |
| 1375957_at | --- | --- | --- | --- | BZ058269 | 2.69 | 2.68 | 2.69 | 2.68 | 2.68 | 2.68 | 1.48 | down | 1.24E-01 | 8.95E-01 | - | - | |
| 1368867_at | Eif2c2 | eukaryotic translation initiation factor 2C, 2 | 59117 | Rn.35512 | BF281111 | 3.52 | 3.80 | 3.21 | 5.56 | 3.33 | 3.27 | 1.48 | up | 5.20E-01 | 8.95E-01 | - | - | |
| 1374817_at | --- | --- | --- | --- | BE110335 | 3.27 | 4.43 | 3.28 | 3.30 | 3.40 | 3.26 | 1.48 | up | 4.40E-01 | 8.95E-01 | - | - | |
| 1380222_at | Mapf | myristic musculosarcomatous fibrosarcoma oncogene homolog F (avian) | 313390 | Rn.3168 | BZ058269 | 5.60 | 6.15 | 6.05 | 5.42 | 5.28 | 5.47 | 1.48 | down | 2.87E-02 | 8.95E-01 | - | - | |
| 1381791_at | Acr2 | alkaline ceramidase 2 | 313339 | Rn.6387 | AJ17828 | 4.77 | 3.30 | 3.12 | 3.30 | 3.39 | 3.08 | 1.48 | down | 3.62E-01 | 8.95E-01 | - | - | |
| 1383311_at | Mtrr11 | Myotubularin related protein 11 | 609614 | Rn.103871 | AJ170226 | 5.22 | 4.46 | 4.24 | 5.82 | 4.61 | 5.12 | 1.48 | up | 3.01E-01 | 8.95E-01 | - | - | |
| 1393936_at | Mif | microphallina-associated transcription factor | 25594 | Rn.207359 | BE097933 | 3.32 | 3.18 | 3.60 | 3.87 | 4.35 | 3.52 | 1.48 | up | 1.14E-01 | 8.95E-01 | - | - | |
| 1377729_at | RD1356547 | similar to RIKEN cDNA 201002D09 | 405957 | Rn.14579 | AF58495 | 8.23 | 6.49 | 6.31 | 8.14 | 7.95 | 8.24 | 1.48 | down | 2.93E-01 | 8.95E-01 | - | - | |
| 1386714_at | Lnc57 | luciferin rich repeat containing 57 | 311346 | Rn.101996 | BE101274 | 6.54 | 6.23 | 7.34 | 5.85 | 6.29 | 6.01 | 1.48 | up | 4.57E-01 | 8.95E-01 | - | - | |
| 1376984_at | LOC296337 | Similar to HLA-B associated transcript 2 isoform A | 296637 | Rn.195135 | AV815048 | 4.05 | 5.10 | 2.98 | 4.07 | 4.82 | 4.87 | 1.48 | up | 5.75E-01 | 8.95E-01 | - | - | |
| 1377848_at | Fam120b | family with sequence similarity 120, member B | 308218 | Rn.2666 | BF144047 | 4.76 | 4.81 | 5.44 | 4.76 | 3.70 | 4.91 | 1.48 | down | 2.81E-01 | 8.95E-01 | - | - | |
| 1375243_at | Nesf1 | neurogranin 1 | 353160 | Rn.137444 | AJ101330 | 6.41 | 7.01 | 5.81 | 6.41 | 6.11 | 6.97 | 1.48 | down | 1.38E-01 | 8.95E-01 | - | - | |
| 1375322_at | Taf15 | TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor | 297521 | Rn.7554 | AJ558910 | 6.81 | 8.40 | 6.41 | 6.48 | 7.32 | 6.62 | 1.48 | down | 4.83E-01 | 8.95E-01 | - | - | |
| 1373686_at | --- | --- | --- | --- | NM_029259 | 5.99 | 5.71 | 7.17 | 6.87 | 6.85 | 6.78 | 1.48 | up | 2.91E-01 | 8.95E-01 | - | - | |
| 1373204_at | Tmem176a | transmembrane protein 176A | 292777 | Rn.170701 | BM388911 | 3.51 | 4.01 | 2.75 | 4.14 | 3.08 | 2.65 | 1.48 | down | 6.46E-01 | 8.95E-01 | - | - | |
| 1371883_at | Mmd | myotubularin to morphogenesis differentiation-associated | 303439 | Rn.163183 | BC376037 | 4.24 | 2.56 | 2.61 | 2.85 | 2.52 | 2.41 | 1.48 | down | 3.83E-01 | 8.95E-01 | - | - | |
| 1374481_at | Tmem188 | transmembrane protein 188 | 291914 | Rn.101963 | BF288188 | 7.15 | 7.55 | 7.34 | 7.58 | 7.90 | 8.20 | 1.48 | up | 6.74E-02 | 8.95E-01 | - | - | |
| 1374049_at | Utr1 | ubiquitin ribonucleoside transferase 1 | 25031 | Rn.6161 | U15738 | 5.54 | 4.25 | 4.59 | 4.92 | 4.72 | 5.86 | 1.48 | down | 2.93E-01 | 8.95E-01 | - | - | |
| 1383711_at | Pknox | protein kinase C substrate 90K-H | 304445 | Rn.104477 | AJ008784 | 7.31 | 8.17 | 7.66 | 8.23 | 8.14 | 8.40 | 1.48 | up | 1.03E-01 | 8.95E-01 | - | - | |
| 1374462_at | Tmem184 | transmembrane protein 184 homolog A (S. cerevisiae) | 314462 | Rn.54722 | BC192957 | 4.42 | 3.85 | 3.64 | 4.29 | 4.48 | 4.63 | 1.48 | down | 1.48E-01 | 8.95E-01 | - | - | |
| 1387823_at | Pirg1 | proliferin regulator 1, PRL1 homolog (Arabidopsis) | 60376 | Rn.44181 | NM_021757 | 6.65 | 6.64 | 5.66 | 6.43 | 7.33 | 6.52 | 1.48 | up | 2.46E-01 | 8.95E-01 | - | - | |
| 1376662_at | Eno2 | enolase 2, gamma, neuronal | 39119 | Rn.19912 | BZ01391 | 7.84 | 8.85 | 8.20 | 9.05 | 8.36 | 9.11 | 1.48 | up | 3.20E-01 | 8.95E-01 | - | - | |
| 1375885_at | LOC80025 | similar to neuronal RNA export factor 2 | 860025 | Rn.101740 | BZ02463 | 2.53 | 2.86 | 2.55 | 3.09 | 2.66 | 3.82 | 1.48 | up | 2.02E-01 | 8.95E-01 | - | - | |
| 1376761_at | Evil | Evil/Gap-like | 71915 | Rn.28912 | NM_024147 | 6.75 | 4.69 | 5.34 | 7.02 | 5.53 | 5.85 | 1.48 | up | 5.14E-01 | 8.95E-01 | - | - | |
| 1378761_at | Foxp1b | FOXP1b fragment of G, high affinity 1; receptor for gamma polypeptide | 305241 | Rn.31249 | BE11172 | 6.14 | 6.44 | 6.70 | 7.58 | 6.93 | 7.58 | 1.48 | down | 2.87E-01 | 8.95E-01 | - | - | |
| 1378480_at | --- | --- | --- | --- | BZ02157 | 2.45 | 4.16 | 2.47 | 2.45 | 2.45 | 2.24 | 1.48 | down | 3.94E-01 | 8.95E-01 | - | - | |
| 1385894_at | Aip5 | apoptosis inhibitor 5 | | | | | | | | | | | | | | | | |

| ProteinSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | PubMed ID | GCRA Intensities (log) | | | | | | FC/MS/MS | Resorption | Unpaired t-test vs. CH (p-value) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|------------------------|-----------|----------|----------|-----------|-----------|----------|------------|----------------------------------|----------|-----|
| | | | | | | SEFP (Ch) | SEFP (Ca) | SEFP (S) | SEFP (F) | SEFP (Ca) | SEFP (Ca) | | | | | |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.23 | 3.23 | 3.18 | 3.22 | 3.25 | 4.78 | 1.45 | up | 3.59E-01 | 9.95E-01 | --- |
| 179436_3 | Map3k3 | mitogen-activated protein kinase kinase kinase 3 | 303604 | Rn.177629 | BM35501 | 3.89 | 4.06 | 3.62 | 4.02 | 5.49 | 4.07 | 1.45 | up | 4.04E-01 | 9.95E-01 | --- |
| 179436_3 | Acyl5 | acyl-activated protein 5 homolog (yeast) | 303604 | Rn.177629 | BM35501 | 2.51 | 2.51 | 2.39 | 2.51 | 2.45 | 2.45 | 1.45 | down | 2.21E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.57 | 2.57 | 2.42 | 2.57 | 2.52 | 2.52 | 1.45 | down | 2.74E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.09 | 4.09 | 4.04 | 4.09 | 4.04 | 4.04 | 1.45 | up | 5.10E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.58 | 2.58 | 2.47 | 2.58 | 2.59 | 2.57 | 1.45 | down | 3.70E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.75 | 3.75 | 3.64 | 3.75 | 3.69 | 3.69 | 1.45 | down | 4.62E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 7.77 | 7.77 | 7.60 | 7.77 | 7.60 | 7.60 | 1.45 | down | 1.72E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.00 | 3.00 | 2.87 | 3.00 | 2.94 | 2.94 | 1.45 | down | 4.33E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.73 | 3.73 | 3.66 | 3.73 | 3.66 | 3.66 | 1.45 | down | 2.07E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.15 | 6.15 | 6.07 | 6.15 | 6.07 | 6.07 | 1.45 | down | 5.04E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 7.63 | 7.63 | 7.56 | 7.63 | 7.56 | 7.56 | 1.45 | down | 3.23E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.65 | 4.65 | 4.57 | 4.65 | 4.57 | 4.57 | 1.45 | down | 3.94E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.43 | 2.43 | 2.36 | 2.43 | 2.37 | 2.35 | 1.45 | down | 3.33E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.64 | 2.64 | 2.59 | 2.64 | 2.59 | 2.59 | 1.45 | down | 3.47E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.29 | 6.29 | 6.06 | 6.29 | 6.07 | 6.07 | 1.45 | down | 2.12E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.19 | 5.19 | 5.08 | 5.19 | 5.08 | 5.08 | 1.45 | down | 3.52E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.02 | 5.02 | 4.85 | 5.02 | 4.84 | 4.84 | 1.45 | down | 4.49E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 8.22 | 8.22 | 7.75 | 8.22 | 7.88 | 7.88 | 1.45 | down | 3.00E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.19 | 5.19 | 5.13 | 5.19 | 5.08 | 5.08 | 1.45 | down | 3.73E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.70 | 2.70 | 2.68 | 2.70 | 2.60 | 2.60 | 1.45 | down | 2.08E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.19 | 5.19 | 5.04 | 5.19 | 5.02 | 5.02 | 1.45 | down | 3.14E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.15 | 4.15 | 3.98 | 4.15 | 3.94 | 3.94 | 1.45 | down | 3.52E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.62 | 4.62 | 4.47 | 4.62 | 4.46 | 4.46 | 1.45 | down | 2.63E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.47 | 4.47 | 4.38 | 4.47 | 4.38 | 4.38 | 1.45 | down | 2.60E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.89 | 2.89 | 2.87 | 2.89 | 2.86 | 2.84 | 1.45 | down | 3.69E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 8.84 | 8.84 | 8.10 | 8.84 | 8.10 | 8.10 | 1.45 | down | 2.20E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 9.17 | 9.17 | 8.21 | 9.17 | 7.95 | 7.95 | 1.45 | down | 2.88E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.67 | 5.67 | 5.04 | 5.67 | 5.04 | 5.04 | 1.45 | down | 2.34E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.25 | 6.25 | 6.04 | 6.25 | 6.07 | 6.07 | 1.45 | down | 1.04E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.19 | 5.19 | 3.92 | 5.19 | 3.92 | 3.92 | 1.45 | down | 3.52E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.56 | 3.56 | 3.44 | 3.56 | 3.40 | 3.40 | 1.45 | down | 1.41E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.91 | 2.91 | 2.80 | 2.91 | 2.80 | 2.80 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 7.43 | 7.43 | 6.87 | 7.43 | 7.31 | 7.12 | 1.45 | down | 2.41E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.71 | 2.71 | 2.65 | 2.71 | 2.60 | 2.60 | 1.45 | down | 2.02E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.74 | 4.74 | 4.54 | 4.74 | 4.58 | 4.58 | 1.45 | down | 3.46E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.15 | 6.15 | 5.94 | 6.15 | 5.98 | 6.10 | 1.45 | down | 2.39E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.07 | 5.07 | 4.69 | 5.07 | 4.69 | 4.69 | 1.45 | down | 5.48E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.85 | 3.85 | 4.21 | 3.85 | 4.21 | 4.21 | 1.45 | up | 3.60E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.20 | 5.20 | 5.00 | 5.20 | 5.00 | 5.00 | 1.45 | down | 1.80E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.62 | 4.62 | 4.28 | 4.62 | 4.28 | 4.28 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.17 | 3.17 | 3.06 | 3.17 | 3.08 | 3.08 | 1.45 | down | 2.46E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.31 | 4.31 | 4.63 | 4.31 | 4.63 | 4.63 | 1.45 | down | 3.06E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.55 | 4.55 | 4.31 | 4.55 | 4.31 | 4.31 | 1.45 | down | 4.15E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.50 | 5.50 | 4.69 | 5.50 | 4.69 | 4.69 | 1.45 | down | 3.66E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.62 | 4.62 | 4.07 | 4.62 | 4.07 | 4.07 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.76 | 5.76 | 5.25 | 5.76 | 5.25 | 5.25 | 1.45 | down | 6.65E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.41 | 5.41 | 4.91 | 5.41 | 4.91 | 4.91 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.65 | 3.65 | 3.25 | 3.65 | 3.25 | 3.25 | 1.45 | down | 2.24E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.35 | 2.35 | 2.37 | 2.35 | 2.37 | 2.37 | 1.45 | down | 4.26E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.50 | 4.50 | 4.72 | 4.50 | 4.93 | 4.99 | 1.45 | down | 1.91E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 7.33 | 7.33 | 7.95 | 7.33 | 8.64 | 7.62 | 1.45 | down | 2.33E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.68 | 4.68 | 4.87 | 4.68 | 4.87 | 4.87 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.28 | 6.28 | 5.66 | 6.28 | 5.66 | 5.66 | 1.45 | down | 1.08E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.27 | 4.27 | 4.04 | 4.27 | 4.19 | 3.97 | 1.45 | down | 9.64E-02 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 7.02 | 7.02 | 6.54 | 7.02 | 6.54 | 6.54 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.83 | 6.83 | 7.11 | 6.83 | 7.11 | 6.83 | 1.45 | down | 1.01E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.55 | 4.55 | 4.53 | 4.55 | 4.53 | 4.53 | 1.45 | down | 3.35E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.90 | 4.90 | 4.23 | 4.90 | 4.58 | 4.85 | 1.45 | down | 1.86E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.76 | 6.76 | 5.60 | 6.76 | 5.60 | 5.60 | 1.45 | down | 3.94E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 6.71 | 6.71 | 4.71 | 6.71 | 4.71 | 4.71 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 9.67 | 9.67 | 10.20 | 9.67 | 10.10 | 10.10 | 1.45 | down | 1.14E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.64 | 4.64 | 4.75 | 4.64 | 4.25 | 3.87 | 1.45 | down | 4.53E-02 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.76 | 2.76 | 2.76 | 2.76 | 2.76 | 2.76 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 8.77 | 8.77 | 8.01 | 8.77 | 8.02 | 8.03 | 1.45 | down | 6.01E-03 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 5.69 | 5.69 | 5.61 | 5.69 | 5.61 | 5.61 | 1.45 | down | 1.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.55 | 4.55 | 4.55 | 4.55 | 4.55 | 4.55 | 1.45 | down | 3.63E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 3.32 | 3.32 | 2.91 | 3.32 | 2.91 | 2.91 | 1.45 | down | 6.65E-02 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.49 | 2.49 | 2.44 | 2.49 | 2.44 | 2.44 | 1.45 | down | 3.40E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 2.04 | 2.04 | 2.04 | 2.04 | 2.04 | 2.04 | 1.45 | down | 3.69E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 4.24 | 4.24 | 3.94 | 4.24 | 3.94 | 3.94 | 1.45 | down | 1.26E-01 | 9.95E-01 | --- |
| 179436_3 | --- | --- | --- | --- | BM35501 | 8.69 | 8.69 | 8.69 | 8.69 | 8.69 | 8.69 | 1.45 | down | | | |

| ProteinSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | | FC/Abouse | Resonance | Unpaired C-End Cys vs C-End (log(p)) | REG | MTC |
|--------------|-------------|---|-----------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------------|-----|-----|
| | | | | | | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | | | | | |
| 1372631_at | Tk1 | thymidine kinase 1, soluble | 24834 | Rn.217952 | A1170596 | 3.61 | 3.66 | 2.17 | 4.21 | 3.50 | 3.24 | 4.22 | 1.42 | up | 4.25E-01 | 8.95E-01 | - | - | | |
| 1376891_at | Ubr1q4 | ubiquitin 4 | 1310633 | Rn.107775 | A1177410 | 3.08 | 2.47 | 4.17 | 3.39 | 2.71 | 2.69 | 1.42 | down | 4.60E-01 | 8.95E-01 | - | - | | | |
| 1384187_at | Ubr1q1 | ubiquitin 1, soluble | 2509271 | Rn.173309 | A1176919 | 2.57 | 2.61 | 2.63 | 2.95 | 2.71 | 2.71 | 1.42 | down | 3.92E-01 | 8.95E-01 | - | - | | | |
| 1376204_at | Ubr1q2 | ubiquitin 2, soluble | 361618 | Rn.100877 | AW19492 | 2.38 | 2.35 | 2.39 | 2.37 | 2.30 | 2.55 | 1.42 | up | 2.97E-01 | 8.95E-01 | - | - | | | |
| 1384141_at | Sica5 | signal carrier family 5 (sodium/glucose cotransporter), member 2 | 64522 | Rn.51887 | B133122 | 6.32 | 3.37 | 7.17 | 6.05 | 6.07 | 5.19 | 1.42 | down | 4.46E-01 | 8.95E-01 | - | - | | | |
| 1388720_at | --- | --- | --- | Rn.1130 | BM330713 | 4.89 | 4.82 | 4.41 | 4.76 | 5.00 | 5.27 | 1.42 | up | 1.55E-01 | 8.95E-01 | - | - | | | |
| 1372645_at | No16 | nucleolar protein family 9 (RNA-associated) | 1313167 | Rn.220667 | A040194 | 6.37 | 6.39 | 6.55 | 6.88 | 6.62 | 6.41 | 1.42 | up | 1.47E-01 | 8.95E-01 | - | - | | | |
| 1382323_at | Syncrip | synaptotagmin binding, cytoplasmic RNA interacting protein | 363113 | Rn.202606 | A072424 | 7.92 | 6.77 | 8.62 | 7.74 | 7.98 | 8.07 | 1.42 | down | 1.46E-01 | 8.95E-01 | - | - | | | |
| 1382722_at | Gol1 | glucosyl-oxalacetate transaminase 1, soluble (aspartate aminotransferase 1) | 24401 | Rn.5819 | AB50020 | 2.46 | 2.44 | 2.66 | 2.76 | 2.63 | 2.63 | 1.42 | down | 3.70E-01 | 8.95E-01 | - | - | | | |
| 1377842_at | Cav2 | caveolin 2 | 363425 | Rn.81070 | BE349669 | 4.27 | 2.75 | 2.94 | 2.92 | 2.79 | 2.75 | 1.42 | down | 3.96E-01 | 8.95E-01 | - | - | | | |
| 1372436_at | Tp52c2 | tumor protein D52-like 2 | 296460 | Rn.23937 | BQ56964 | 7.39 | 7.97 | 8.14 | 7.85 | 6.97 | 7.75 | 1.42 | down | 1.51E-01 | 8.95E-01 | - | - | | | |
| 1382903_at | --- | --- | --- | Rn.198553 | AW521319 | 2.42 | 2.41 | 2.44 | 2.41 | 3.94 | 2.43 | 1.42 | up | 3.78E-01 | 8.95E-01 | - | - | | | |
| 1374624_at | --- | --- | --- | Rn.204955 | BE098025 | 5.73 | 5.57 | 5.49 | 5.81 | 6.41 | 6.07 | 1.42 | up | 5.62E-01 | 8.95E-01 | - | - | | | |
| 1389272_at | Mtm4 | myotubularin related protein 4 | 287907 | Rn.2257 | A1412233 | 5.84 | 5.95 | 5.99 | 6.41 | 5.73 | 5.06 | 1.42 | up | 1.42E-01 | 8.95E-01 | - | - | | | |
| 1374768_at | Coc65 | coiled-coil domain containing 65 | 362994 | Rn.34654 | B1279857 | 2.78 | 2.76 | 2.75 | 3.27 | 3.89 | 2.64 | 1.42 | up | 2.38E-01 | 8.95E-01 | - | - | | | |
| 1389178_at | Tmem178 | transmembrane protein 178 | 365991 | Rn.17330 | A101917 | 4.66 | 3.54 | 5.63 | 4.21 | 3.76 | 3.55 | 1.42 | down | 4.71E-01 | 8.95E-01 | - | - | | | |
| 1389240_at | Asn2 | asparagine-glucosylase (N-glycanase) | 116665 | Rn.10277 | NM_053885 | 3.43 | 3.43 | 3.43 | 3.41 | 4.89 | 3.48 | 1.42 | up | 3.52E-01 | 8.95E-01 | - | - | | | |
| 1388871_at | Asn2 | asparagine-glucosylase (N-glycanase) | 290829 | Rn.219096 | B1378089 | 6.00 | 6.62 | 5.31 | 6.45 | 6.88 | 6.40 | 1.42 | up | 2.59E-01 | 8.95E-01 | - | - | | | |
| 1391251_at | Insp1 | inositol polyphosphatase-1-phosphatase | 116376 | Rn.20268 | B1275516 | 3.16 | 3.49 | 3.54 | 3.59 | 4.32 | 3.78 | 1.42 | up | 1.13E-01 | 8.95E-01 | - | - | | | |
| 1374870_at | Col27a1 | Collagen, type XXVII, alpha 1 | 298101 | Rn.53800 | BF286402 | 4.04 | 3.66 | 2.35 | 4.26 | 3.84 | 3.66 | 1.42 | up | 4.13E-01 | 8.95E-01 | - | - | | | |
| 1374820_at | Tme2c | transmembrane emp24 domain trafficking protein 2 | 61565 | Rn.11022 | NM_131722 | 6.62 | 8.13 | 7.76 | 8.63 | 8.36 | 9.18 | 1.42 | up | 2.20E-01 | 8.95E-01 | - | - | | | |
| 1389599_at | Sec16a | SEC16 homolog A (S. cerevisiae) | 114099 | Rn.19218 | AB50020 | 2.55 | 7.05 | 6.95 | 6.40 | 6.65 | 7.59 | 1.42 | up | 5.22E-01 | 8.95E-01 | - | - | | | |
| 1370379_at | Pras8 | protease, serine, B (protease) | 192107 | Rn.107384 | AF202076 | 7.75 | 9.48 | 8.41 | 8.23 | 8.12 | 7.78 | 1.42 | down | 3.93E-01 | 8.95E-01 | - | - | | | |
| 1389722_at | Dnsp1 | DNAJ (Hsp40) homolog, subfamily B, member 1 | 361384 | Rn.128374 | AA845704 | 8.26 | 7.76 | 7.89 | 7.16 | 6.33 | 7.59 | 1.42 | down | 1.38E-01 | 8.95E-01 | - | - | | | |
| 1389119_at | --- | --- | --- | Rn.151748 | AW66342 | 2.87 | 2.88 | 2.88 | 3.45 | 3.73 | 2.86 | 1.42 | up | 8.93E-02 | 8.95E-01 | - | - | | | |
| 1383239_at | Zoch7 | zinc finger, CCHC domain containing 7 | 298086 | Rn.56971 | BF406915 | 4.09 | 4.08 | 3.68 | 4.94 | 3.29 | 4.52 | 1.41 | up | 4.46E-01 | 8.95E-01 | - | - | | | |
| 1389090_at | Galn1 | galactose mutase (aldose 1-epimerase) | Rn.210293 | AA84569 | 8.41 | 5.77 | 3.96 | 8.82 | 6.26 | 8.10 | 1.41 | up | 2.24E-01 | 8.95E-01 | - | - | | | | |
| 1385072_at | --- | --- | --- | Rn.83839 | AA970448 | 9.37 | 9.75 | 9.61 | 8.89 | 9.05 | 9.28 | 1.41 | down | 3.48E-02 | 8.95E-01 | - | - | | | |
| 1376546_at | --- | --- | --- | Rn.77399 | BE120486 | 6.68 | 7.00 | 5.05 | 7.72 | 7.70 | 7.22 | 1.41 | up | 2.84E-01 | 8.95E-01 | - | - | | | |
| 1384643_at | ROD1565432 | similar to hypothetical protein | 491517 | Rn.173468 | AA819409 | 3.17 | 3.14 | 3.56 | 3.01 | 3.57 | 3.71 | 1.41 | up | 3.83E-02 | 8.95E-01 | - | - | | | |
| 1388721_at | Hsp8b | heat shock protein 8b | 1139606 | Rn.102906 | BC380822 | 2.40 | 3.89 | 2.41 | 2.40 | 2.42 | 2.98 | 1.41 | up | 3.72E-01 | 8.95E-01 | - | - | | | |
| 1389119_at | Srsf11 | serine-rich splicing factor 11 | Rn.111063 | AB50020 | 6.05 | 6.07 | 6.14 | 6.05 | 5.74 | 6.14 | 1.41 | up | 1.42E-01 | 8.95E-01 | - | - | | | | |
| 1382189_at | Sd12 | synuclein 2 | 25615 | Rn.11127 | AE57479 | 8.64 | 9.25 | 9.06 | 8.25 | 8.43 | 8.77 | 1.41 | up | 1.03E-01 | 8.95E-01 | - | - | | | |
| 1374665_at | Srsf12 | SR protein 12 | 363002 | Rn.8531 | B1296216 | 3.03 | 2.97 | 2.53 | 3.81 | 3.23 | 3.00 | 1.41 | up | 1.57E-01 | 8.95E-01 | - | - | | | |
| 1387906_at | Srsf13 | SR protein 13 | 40881 | Rn.21199 | A110386 | 8.45 | 8.41 | 8.33 | 8.33 | 8.25 | 8.19 | 1.41 | up | 6.34E-02 | 8.95E-01 | - | - | | | |
| 1385552_at | Ankrd13c | ankyrin repeat domain 13C | 685374 | Rn.100818 | BG171371 | 6.34 | 6.64 | 7.04 | 5.95 | 6.32 | 6.24 | 1.41 | up | 9.66E-02 | 8.95E-01 | - | - | | | |
| 1389355_at | Cnca3 | Cttn family member 3 | 310813 | Rn.137881 | BE105617 | 6.15 | 6.07 | 6.14 | 6.48 | 5.73 | 6.41 | 1.41 | down | 3.62E-01 | 8.95E-01 | - | - | | | |
| 1389558_at | --- | --- | --- | --- | AW58127 | 2.45 | 2.45 | 2.50 | 2.46 | 4.00 | 2.44 | 1.41 | up | 3.87E-01 | 8.95E-01 | - | - | | | |
| 1389854_at | Asc3l1 | activating signal integrator 1 complex subunit 3-like 1 | 296126 | Rn.76239 | BE349703 | 7.11 | 7.17 | 6.69 | 6.52 | 6.05 | 6.88 | 1.41 | up | 1.51E-01 | 8.95E-01 | - | - | | | |
| 1375187_at | --- | --- | --- | Rn.121912 | BF281701 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.41 | up | 2.40E-01 | 8.95E-01 | - | - | | | |
| 1382176_at | Fam83h | family with sequence similarity 83, member H | 3629297 | Rn.16898 | B1279854 | 2.34 | 3.97 | 3.93 | 2.37 | 2.33 | 2.44 | 1.41 | down | 4.10E-01 | 8.95E-01 | - | - | | | |
| 1385554_at | A11 | allograft inflammatory factor 1 | 29427 | Rn.32090 | NM_131798 | 3.44 | 3.73 | 2.69 | 4.63 | 3.68 | 3.00 | 1.41 | up | 4.16E-01 | 8.95E-01 | - | - | | | |
| 1390790_at | Znfx3 | zinc finger and BTB domain containing 3 | 195740 | Rn.169286 | BF409032 | 3.48 | 5.42 | 3.32 | 4.75 | 4.78 | 4.80 | 1.41 | up | 4.43E-01 | 8.95E-01 | - | - | | | |
| 1390905_at | Mafk | MAP kinase-associated serine/threonine kinase family member 4 | 310400 | Rn.19240 | AB50020 | 2.65 | 2.62 | 2.64 | 2.62 | 2.62 | 2.62 | 1.41 | up | 4.43E-01 | 8.95E-01 | - | - | | | |
| 1386703_at | Pdlim5 | PDZ and LIM domain 5 | 64353 | Rn.17933 | NM_053328 | 5.06 | 6.53 | 5.69 | 5.47 | 4.41 | 5.90 | 1.41 | down | 4.83E-01 | 8.95E-01 | - | - | | | |
| 1389220_at | --- | --- | --- | Rn.171653 | BE121716 | 2.29 | 2.29 | 2.30 | 3.80 | 2.30 | 2.28 | 1.41 | up | 3.77E-01 | 8.95E-01 | - | - | | | |
| 1389209_at | --- | --- | --- | Rn.171659 | AT105274 | 3.49 | 3.20 | 2.77 | 3.33 | 3.08 | 3.48 | 1.41 | up | 1.42E-01 | 8.95E-01 | - | - | | | |
| 1389874_at | Zw182 | zinc finger protein 282 | 297065 | Rn.152206 | B129954 | 2.44 | 2.41 | 2.29 | 2.36 | 3.87 | 2.40 | 1.41 | up | 3.75E-01 | 8.95E-01 | - | - | | | |
| 1388269_at | Scp1p | small nuclear ribonucleoprotein polypeptide B | 61781 | Rn.11689 | BE105617 | 3.60 | 3.20 | 3.20 | 3.62 | 2.36 | 3.42 | 1.41 | down | 3.87E-01 | 8.95E-01 | - | - | | | |
| 1371404_at | Elk4 | erythroblast differentiation factor 4 | 361593 | Rn.85954 | A1172206 | 8.20 | 6.05 | 6.18 | 6.18 | 6.17 | 6.58 | 1.41 | up | 2.18E-01 | 8.95E-01 | - | - | | | |
| 1393660_at | --- | --- | --- | Rn.155328 | AW522969 | 3.85 | 2.35 | 2.36 | 2.35 | 2.36 | 2.36 | 1.41 | down | 3.72E-01 | 8.95E-01 | - | - | | | |
| 1372996_at | --- | --- | --- | Rn.22769 | AB85027 | 7.09 | 7.79 | 7.34 | 7.34 | 7.34 | 7.34 | 1.41 | up | 9.48E-02 | 8.95E-01 | - | - | | | |
| 1392717_at | --- | --- | --- | Rn.204842 | BE109171 | 3.07 | 3.06 | 4.08 | 3.07 | 2.59 | 3.06 | 1.41 | down | 2.32E-01 | 8.95E-01 | - | - | | | |
| 1374636_at | Rp29 | ribosomal RNA processing 5, small subunit (SSU) processome component, H | 363134 | Rn.11940 | AA68454 | 4.55 | 4.61 | 3.69 | 4.53 | 4.71 | 4.70 | 1.41 | up | 1.75E-01 | 8.95E-01 | - | - | | | |
| 1384435_at | Tmem20b | transmembrane protein 20b | 132966 | Rn.11754 | AA68454 | 4.55 | 4.61 | 3.69 | 4.53 | 4.71 | 4.70 | 1.41 | up | 1.75E-01 | 8.95E-01 | - | - | | | |
| 1373438_at | Ubr2 | ubiquitin-conjugating enzyme E2 | 303889 | Rn.20908 | BE329552 | 2.94 | 3.18 | 2.54 | 3.53 | 3.48 | 3.15 | 1.41 | up | 8.82E-02 | 8.95E-01 | - | - | | | |
| 1389119_at | Cyfl1 | Cyflin 1, interacting with CYP protein 1 | 654370 | Rn.200450 | B129688 | 6.80 | 6.09 | 5.27 | 5.28 | 5.28 | 5.28 | 1.41 | down | 4.16E-01 | 8.95E-01 | - | - | | | |
| 1389859_at | N-pac | cytokine-like nuclear factor p-pac | 360477 | Rn.8039 | A118979 | 7.26 | 6.46 | 6.02 | 6.39 | 5.47 | 6.39 | 1.41 | down | 3.52E-01 | 8.95E-01 | - | - | | | |
| 1389851_at | Lnc1 | lincRNA interacting with PPR-rich protein 1 | 500111 | Rn.140918 | BE102922 | 5.38 | 7.20 | 6.80 | 6.28 | 7.12 | 5.70 | 1.41 | down | 5.63E-01 | 8.95E-01 | - | - | | | |
| 1389851_at | Mnt1 | myeloid/lymphoid or mixed-lineage leukemia (thrombospondin) domain 1 | 310111 | Rn.140918 | A100905 | 2.33 | 2.37 | 2.37 | 2.37 | 2.37 | 2.33 | 1.41 | up | 1.42E-01 | 8.95E-01 | - | - | | | |
| 1390255_at | Glm3 | actin binding LIM protein family, member 3 | 307395 | Rn.39037 | BC381583 | 7.28 | 7.74 | 7.65 | 8.02 | 7.84 | 8.29 | 1.41 | up | 6.48E-02 | 8.95E-01 | - | - | | | |
| 1389745_at | Atm1 | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEXP (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | FCMHouse | Resuspension | Unpaired t-test vs Ctl (p-value) | CGI vs Ctl (p-value) | REG | MTC |
|------------|----------------|--|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|----------------------------------|----------------------|-----|-----|
| 1379173_at | --- | --- | --- | Rn.171201 | BF394515 | 2.80 | 2.60 | 2.71 | 2.63 | 2.74 | 2.74 | 2.74 | 1.39 | up | 2.37E-01 | 9.55E-01 | --- | --- | |
| 1388531_at | Grp13 | mitochondrial chaperonin protein 13 | 29938 | Rn.107778 | AA798440 | 6.09 | 6.75 | 5.20 | 5.95 | 6.45 | 7.07 | 6.37 | 1.39 | up | 4.39E-01 | 9.55E-01 | --- | --- | |
| 1374372_at | Grp94 | Grp94-like 1, mitochondrial | 79563 | Rn.106300 | NM_024487 | 8.18 | 8.18 | 6.59 | 8.13 | 9.14 | 8.43 | 8.49 | 1.39 | up | 1.16E-01 | 9.55E-01 | --- | --- | |
| 1387935_at | Grip1 | GRIP1 domain containing protein L1K protein 1 | --- | Rn.222098 | BM389220 | 5.42 | 5.42 | 4.47 | 5.42 | 5.42 | 5.42 | 5.42 | 1.39 | down | 1.34E-01 | 9.55E-01 | --- | --- | |
| 1379506_at | LOC630340 | hypothetical protein LOC630340 | --- | --- | BM389220 | 6.65 | 7.10 | 7.47 | 7.35 | 5.57 | 8.03 | 7.39 | 1.39 | down | 1.47E-01 | 9.55E-01 | --- | --- | |
| 1389161_at | Denn3D3 | DENND3 domain containing 3 | 315055 | Rn.43070 | BF288207 | 6.55 | 6.73 | 5.83 | 5.47 | 5.70 | 5.52 | 5.52 | 1.39 | down | 1.47E-01 | 9.55E-01 | --- | --- | |
| 1371774_at | Sat1 | spermidine/spermine N1-acetyl transferase 1 | 320842 | Rn.107886 | AA832220 | 6.03 | 6.03 | 4.01 | 6.03 | 6.03 | 6.03 | 6.03 | 1.39 | up | 6.81E-02 | 9.55E-01 | --- | --- | |
| 1383333_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 6.86E-02 | 9.55E-01 | --- | --- | |
| 1376773_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 6.86E-02 | 9.55E-01 | --- | --- | |
| 1374253_at | RGD1307235 | similar to RIKEN cDNA 231003C23 | 309653 | Rn.38292 | BE129001 | 9.06 | 8.90 | 8.25 | 8.67 | 7.89 | 8.22 | 8.22 | 1.39 | down | 2.29E-01 | 9.55E-01 | --- | --- | |
| 1388290_at | Hsp91 | heat shock protein 90 family class B member 1 | 91464 | Rn.203045 | BE109601 | 2.31 | 2.21 | 3.79 | 2.31 | 2.21 | 2.30 | 2.30 | 1.39 | down | 3.78E-01 | 9.55E-01 | --- | --- | |
| 1374654_at | Birc | beta-transducin receptor tyrosine kinase 2 | 381785 | Rn.21800 | BE109603 | 2.90 | 5.00 | 5.69 | 4.28 | 4.86 | 5.29 | 5.29 | 1.39 | down | 6.19E-01 | 9.55E-01 | --- | --- | |
| 1383380_at | Rpo3c | ribonuclease PMP38 subunit (nuclear) | 291317 | Rn.2690 | AA659346 | 4.52 | 2.51 | 2.81 | 2.71 | 2.81 | 2.90 | 2.90 | 1.39 | down | 4.93E-01 | 9.55E-01 | --- | --- | |
| 1380690_at | Nbc | nucleic acid binding protein 2 | 25337 | Rn.1457 | BG282603 | 6.07 | 6.30 | 3.94 | 6.07 | 4.28 | 4.86 | 5.19 | 1.39 | up | 2.31E-01 | 9.55E-01 | --- | --- | |
| 1387874_at | Rp38 | ribosomal protein L38 | 85428 | Rn.1489 | NM_053222 | 3.79 | 3.78 | 3.45 | 3.88 | 4.00 | 3.74 | 3.74 | 1.39 | up | 2.44E-01 | 9.55E-01 | --- | --- | |
| 1373816_at | Arp1 | actin-related protein complex 1, gamma 1 subunit | 171484 | Rn.8446 | BM383443 | 6.07 | 6.20 | 5.46 | 6.07 | 6.07 | 6.09 | 5.96 | 1.39 | down | 3.55E-02 | 9.55E-01 | --- | --- | |
| 1384333_at | LOC100559 | ARPC2-related protein complex 1, gamma 1 subunit | --- | Rn.102429 | AWG20881 | 3.81 | 2.44 | 2.44 | 2.44 | 2.45 | 2.39 | 2.39 | 1.39 | down | 3.55E-01 | 9.55E-01 | --- | --- | |
| 1383291_at | LOC100559 | ARPC2-related protein complex 1, gamma 1 subunit | --- | Rn.33787 | BF288207 | 8.02 | 7.05 | 5.90 | 8.09 | 8.48 | 5.83 | 5.83 | 1.39 | up | 6.68E-01 | 9.55E-01 | --- | --- | |
| 1389620_at | C7 // Tub2b2 | complement component 7 (homolog), beta 2c | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 2.98E-01 | 9.55E-01 | --- | --- | |
| 1391343_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 3.69E-01 | 9.55E-01 | --- | --- | |
| 1384265_at | Po3 | polymerase (DNA-directed), delta 3, accessory subunit | 250144 | Rn.162489 | BZ7834 | 5.94 | 5.27 | 5.03 | 6.22 | 5.34 | 4.37 | 4.37 | 1.39 | down | 2.42E-01 | 9.55E-01 | --- | --- | |
| 1388016_at | Mst1 | muskelin 1, intracellular mediator containing kinase motifs | 63536 | Rn.6393 | NM_021259 | 6.37 | 6.17 | 6.11 | 6.22 | 5.13 | 5.87 | 5.87 | 1.39 | down | 2.27E-01 | 9.55E-01 | --- | --- | |
| 1388282_at | Krt5 // Ly49b7 | kilr cell lectin-like receptor, subfamily A, member 5 // Ly49 stimulatory receptor | 27866 | Rn.37467 | U58824 | 3.04 | 3.08 | 3.12 | 3.12 | 4.06 | 3.49 | 3.49 | 1.39 | up | 1.59E-01 | 9.55E-01 | --- | --- | |
| 1376294_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 2.98E-01 | 9.55E-01 | --- | --- | |
| 1377456_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 3.05E-01 | 9.55E-01 | --- | --- | |
| 1376337_at | Smarca2 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, class II | 361745 | Rn.94939 | A117385 | 11.00 | 10.99 | 10.93 | 10.66 | 10.44 | 10.40 | 10.39 | 1.39 | down | 6.02E-03 | 9.55E-01 | --- | --- | |
| 1381635_at | Ctcfp2 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small | 301056 | Rn.37308 | A044592 | 4.75 | 5.27 | 5.18 | 5.21 | 5.85 | 5.57 | 5.57 | 1.39 | up | 1.28E-01 | 9.55E-01 | --- | --- | |
| 1388466_at | Cod6 | Cotiled-1 domain containing 6 | 691155 | Rn.164708 | BG374280 | 10.69 | 10.33 | 10.57 | 10.42 | 9.65 | 10.09 | 10.09 | 1.39 | down | 1.29E-01 | 9.55E-01 | --- | --- | |
| 1377844_at | Plg2 | prostaglandin synthase 2 | 299194 | Rn.202265 | AH11520 | 7.48 | 7.39 | 6.18 | 7.18 | 6.84 | 7.81 | 7.81 | 1.39 | down | 2.30E-01 | 9.55E-01 | --- | --- | |
| 1380607_at | Ark3 | arrestin 3, epithelial | 201665 | Rn.62891 | BF816167 | 6.47 | 6.87 | 6.58 | 6.87 | 6.39 | 6.86 | 6.86 | 1.39 | down | 3.78E-02 | 9.55E-01 | --- | --- | |
| 1370633_at | Ark3 | arrestin 3, epithelial | 361833 | Rn.220009 | AF098255 | 7.93 | 8.04 | 7.96 | 8.06 | 8.49 | 8.81 | 8.81 | 1.39 | up | 9.70E-02 | 9.55E-01 | --- | --- | |
| 1384843_at | Sar4a1 | serpin family A4 member 1 | 54304 | Rn.102429 | BF816167 | 6.14 | 6.14 | 6.29 | 6.33 | 6.45 | 6.39 | 6.39 | 1.39 | down | 1.34E-01 | 9.55E-01 | --- | --- | |
| 1380696_at | Mta2 | metal response element binding transcription factor 2 | 369005 | Rn.20300 | BG668758 | 2.48 | 2.48 | 2.80 | 2.47 | 2.50 | 2.61 | 2.61 | 1.39 | up | 4.44E-01 | 9.55E-01 | --- | --- | |
| 1388828_at | Ctcfp2 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small | 294288 | Rn.2995 | BG373296 | 8.30 | 9.03 | 8.25 | 8.74 | 9.21 | 9.05 | 9.05 | 1.39 | up | 1.76E-01 | 9.55E-01 | --- | --- | |
| 1383492_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 4.44E-01 | 9.55E-01 | --- | --- | |
| 1378443_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 3.93E-01 | 9.55E-01 | --- | --- | |
| 1384208_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 2.27E-01 | 9.55E-01 | --- | --- | |
| 1395182_at | Kn20 | knich-like 20 (Drosophila) | 304920 | Rn.44191 | A117028 | 4.11 | 3.04 | 4.72 | 3.53 | 3.38 | 3.55 | 3.55 | 1.39 | down | 3.32E-01 | 9.55E-01 | --- | --- | |
| 1388937_at | Noa2 | nuclear receptor coactivator 2 | 83724 | Rn.49138 | NM_018122 | 3.66 | 4.56 | 4.37 | 3.90 | 2.97 | 4.29 | 4.29 | 1.39 | down | 3.79E-01 | 9.55E-01 | --- | --- | |
| 1383190_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 2.72E-01 | 9.55E-01 | --- | --- | |
| 1383190_at | Elmo2 | ELMO/CEC-12 domain containing 2 | 688581 | Rn.94192 | BE113297 | 4.48 | 4.91 | 4.24 | 4.44 | 4.39 | 5.43 | 5.22 | 1.39 | up | 2.72E-01 | 9.55E-01 | --- | --- | |
| 1377290_at | Mst1 | muskelin 1, intracellular mediator containing kinase motifs | 24551 | Rn.13442 | BG373530 | 7.57 | 7.72 | 7.71 | 7.87 | 7.35 | 7.58 | 7.58 | 1.39 | down | 1.04E-01 | 9.55E-01 | --- | --- | |
| 1384184_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 1.29E-01 | 9.55E-01 | --- | --- | |
| 1381310_at | LOC6191574 | similar to ubiquitin associated protein 1 | 691574 | Rn.107376 | BI266811 | 3.96 | 3.97 | 3.44 | 4.75 | 3.97 | 4.07 | 4.07 | 1.39 | up | 1.92E-01 | 9.55E-01 | --- | --- | |
| 1379840_at | Atg13 | ATG13/ATPase family 3-like 1 (S. cerevisiae) | 361436 | Rn.219143 | BI266811 | 3.96 | 3.97 | 3.44 | 4.75 | 3.97 | 4.07 | 4.07 | 1.39 | up | 1.92E-01 | 9.55E-01 | --- | --- | |
| 1378139_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 6.51E-01 | 9.55E-01 | --- | --- | |
| 1382242_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 4.40E-01 | 9.55E-01 | --- | --- | |
| 1383002_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | down | 4.40E-01 | 9.55E-01 | --- | --- | |
| 1388280_at | Eif5 | eukaryotic translation initiation factor 5 | 56783 | Rn.40123 | K01677 | 7.72 | 8.39 | 5.55 | 8.59 | 8.51 | 8.98 | 8.98 | 1.39 | up | 1.81E-01 | 9.55E-01 | --- | --- | |
| 1389163_at | Homer1 | homer homolog 1 (Drosophila) | 25646 | Rn.37520 | BM380200 | 6.41 | 6.60 | 6.58 | 6.60 | 6.60 | 6.60 | 6.60 | 1.39 | up | 1.68E-01 | 9.55E-01 | --- | --- | |
| 1371356_at | LOC6191574 | similar to ubiquitin associated protein 1 | 315326 | Rn.105953 | BI266811 | 2.72 | 3.35 | 2.86 | 2.94 | 5.21 | 4.19 | 4.19 | 1.39 | down | 6.84E-01 | 9.55E-01 | --- | --- | |
| 1390197_at | RGD1565146 | similar to hypothetical gene supported by AF226683 | 488150 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 2.66E-01 | 9.55E-01 | --- | --- | |
| 1388092_at | Pu1a1 | PU.1, transcription factor 1, clone alpha, G-protein coupled | 460544 | Rn.81192 | BF037650 | 8.58 | 8.68 | 8.34 | 8.34 | 7.09 | 8.23 | 8.23 | 1.39 | down | 3.85E-01 | 9.55E-01 | --- | --- | |
| 1377436_at | Gp3h1 | G-protein coupled protein containing 1 | 292810 | Rn.64293 | BE108161 | 6.61 | 6.48 | 6.49 | 6.49 | 6.29 | 5.91 | 5.86 | 1.39 | down | 2.50E-02 | 9.55E-01 | --- | --- | |
| 1376182_at | Falz | Fetal Alzheimer antigen | 303617 | Rn.49572 | BF630714 | 4.50 | 4.85 | 4.16 | 4.46 | 4.60 | 5.03 | 5.03 | 1.39 | down | 4.28E-01 | 9.55E-01 | --- | --- | |
| 1381693_at | Atg5 | autophagy related 5 | 301693 | Rn.71783 | BF630714 | 4.62 | 4.61 | 3.54 | 4.93 | 4.19 | 4.63 | 4.63 | 1.39 | down | 3.62E-01 | 9.55E-01 | --- | --- | |
| 1371336_at | Hn1 | hematological and neurological expressed 1 | 287828 | Rn.198910 | AA832716 | 4.57 | 5.39 | 4.69 | 4.73 | 5.31 | 6.02 | 6.02 | 1.39 | up | 3.57E-01 | 9.55E-01 | --- | --- | |
| 1388847_at | Gad45a5 | growth arrest and DNA damage-inducible, alpha 5 | 25112 | Rn.10250 | NM_024127 | 6.04 | 5.95 | 5.99 | 6.70 | 5.92 | 6.78 | 6.78 | 1.39 | down | 1.78E-01 | 9.55E-01 | --- | --- | |
| 1373140_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.39 | up | 2.06E-01 | 9.55E-01 | --- | --- | |
| 1388092_at | RGD1565905 | similar to RIKEN cDNA D33040M061E | 488150 | Rn.203119 | AA851740 | 5.84 | 5.35 | 6.35 | 6.44 | 6.46 | 6.38 | 6.38 | 1.39 | up | 2.06E-01 | 9.55E-01 | --- | --- | |
| 1388236_at | Pea3 | peroxylaluminum binding factor 3 | 39519 | Rn.11773 | NM_031350 | 3.72 | 4.37 | 2.76 | 2.72 | 2.76 | 3.91 | 3.91 | 1.39 | down | 4.91E-01 | 9.55E-01 | --- | --- | |
| 1374658_at | Atg5 | ATP synthase, H+ transporting, mitochondrial FO complex, subunit b (factor B) | 362749 | Rn.106786 | BF630262 | 6.62 | 7.25 | 6.67 | 6.70 | 7.41 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/MScore | Resuspension | Unpaired t-test vs Ctl (log2) | | REG | MTC | |
|------------|---------------------|--|-----------|------------|-----------|-------------------------|-----------|----------|----------|----------|----------|-----------|--------------|-------------------------------|----------|----------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPA (S) | SEPA (S) | SEPA (S) | SEPA (S) | | | SEPA (S) | SEPA (S) | | | |
| 1371999_at | --- | --- | 307585 | BI030641 | B030641 | 5.62 | 5.83 | 6.09 | 5.87 | 6.68 | 6.37 | 1.38 | up | 1.66E-01 | 8.95E-01 | --- | --- | |
| 1373553_at | Cables1 | Cdk5 and Abl enzyme substrate 1 | Rn.43941 | BI269696 | B269696 | 2.62 | 3.07 | 2.62 | 2.78 | 4.37 | 2.88 | 1.38 | up | 4.73E-01 | 8.95E-01 | --- | --- | |
| 1374622_at | Gnc2 | 3'-UTR of GTPase 2 | Rn.328714 | BI328714 | B328714 | 3.51 | 3.51 | 4.68 | 4.68 | 5.31 | 4.68 | 1.38 | down | 3.89E-01 | 8.95E-01 | --- | --- | |
| 1393704_at | LOC520544 | similar to casen kinase 1, gamma 3 isoform 2 | 500584 | AI139988 | AI139988 | 3.01 | 3.64 | 3.70 | 3.70 | 3.73 | 3.96 | 1.06 | 1.38 | up | 1.26E-01 | 8.95E-01 | --- | --- |
| 1388835_at | Znf74 | zinc finger protein 74 | 245434 | BI245434 | B245434 | 2.48 | 2.48 | 2.71 | 2.68 | 4.42 | 2.71 | 1.38 | down | 5.33E-01 | 8.95E-01 | --- | --- | |
| 1388819_at | Znf541 | zinc finger protein 541 | 308108 | Rn.215336 | ABW44669 | 8.52 | 8.71 | 7.78 | 7.52 | 7.48 | 7.72 | 1.38 | down | 1.41E-01 | 8.95E-01 | --- | --- | |
| 1388815_at | Gucy1a3 | guanylate cyclase 1, soluble, alpha 3 | 497757 | Rn.1974 | M7405 | 3.04 | 2.64 | 2.68 | 2.54 | 2.95 | 3.27 | 1.38 | up | 9.36E-02 | 8.95E-01 | --- | --- | |
| 1378353_at | Chia1 | choline acetyltransferase 1, member 1, adaptor protein | 151455 | Rn.360102 | B2690779 | 3.17 | 3.07 | 3.66 | 3.66 | 4.07 | 3.66 | 1.38 | down | 4.49E-01 | 8.95E-01 | --- | --- | |
| 1388902_at | H13 | histocompatibility 13 | 311545 | Rn.12102 | BI265900 | 7.68 | 8.46 | 8.72 | 8.28 | 8.57 | 9.39 | 1.38 | down | 1.68E-01 | 8.95E-01 | --- | --- | |
| 1388923_at | Chia2 | choline acetyltransferase 2, member 1, muscled | 151455 | Rn.14411 | BI265900 | 3.34 | 3.34 | 3.34 | 3.34 | 3.34 | 3.34 | 1.38 | down | 1.62E-01 | 8.95E-01 | --- | --- | |
| 1388927_at | Mier1 | mesoderm induction early response 1 homolog (Xenopus laevis) | 291206 | Rn.13269 | BF22675 | 6.79 | 6.84 | 6.63 | 6.63 | 7.08 | 6.88 | 1.38 | up | 6.97E-02 | 8.95E-01 | --- | --- | |
| 1399225_at | Bim1 | beta-homologyless methyltransferase | 131418 | Rn.36542 | AV918140 | 7.23 | 6.93 | 6.77 | 6.66 | 6.66 | 6.66 | 1.38 | down | 4.36E-01 | 8.95E-01 | --- | --- | |
| 1387665_at | Ad3 | adrenomedullary 3 | Rn.11408 | U96193 | U96193 | 4.69 | 5.40 | 4.67 | 5.02 | 3.70 | 4.65 | 1.38 | down | 3.70E-02 | 8.95E-01 | --- | --- | |
| 1370260_at | Dacp1 | DNA associated protein 1 | 25230 | Rn.76589 | AA047835 | 7.85 | 7.09 | 6.48 | 7.13 | 6.21 | 6.69 | 1.38 | down | 3.87E-01 | 8.95E-01 | --- | --- | |
| 1370346_at | Box | Box associated protein 1 | 326336 | Rn.18769 | AV1918273 | 5.94 | 6.66 | 5.84 | 6.84 | 6.58 | 6.41 | 1.38 | up | 1.78E-01 | 8.95E-01 | --- | --- | |
| 1339393_at | --- | Thyocyte selection associated high mobility group box | 305481 | Rn.161907 | AI102529 | 5.23 | 5.29 | 4.28 | 2.73 | 2.58 | 3.18 | 1.38 | down | 4.85E-01 | 8.95E-01 | --- | --- | |
| 1338987_at | --- | zinc finger, RAN-binding domain containing 2 | --- | Rn.30004 | BI281086 | 4.47 | 4.82 | 5.01 | 5.19 | 4.88 | 4.84 | 1.38 | down | 5.94E-01 | 8.95E-01 | --- | --- | |
| 1338971_at | Rnmv5d | required for meiotic nuclear division 5 homolog B (S. cerevisiae) | 497900 | Rn.62449 | BC538207 | 2.59 | 2.60 | 2.72 | 3.33 | 2.70 | 3.21 | 1.38 | down | 8.83E-02 | 8.95E-01 | --- | --- | |
| 1373661_at | Rai12 | retinoic acid induced 12 | 287446 | Rn.9041 | AA112649 | 4.81 | 5.09 | 3.44 | 4.77 | 4.55 | 4.50 | 1.38 | up | 4.62E-01 | 8.95E-01 | --- | --- | |
| 1397990_at | Amn23 | amniotin-like protein, X-linked 3 | 387032 | Rn.44741 | A030198 | 2.47 | 2.46 | 2.50 | 3.97 | 2.48 | 2.38 | 1.38 | down | 4.19E-01 | 8.95E-01 | --- | --- | |
| 1377789_at | --- | --- | --- | Rn.13199 | AI145035 | 7.78 | 8.48 | 6.68 | 7.92 | 7.59 | 8.81 | 1.38 | up | 5.08E-01 | 8.95E-01 | --- | --- | |
| 1374502_at | Rab39p2 | RAB3 GTPase activating protein subunit 2 | 293550 | Rn.10730 | AI182826 | 3.63 | 4.32 | 3.38 | 4.48 | 3.65 | 3.79 | 1.38 | down | 4.58E-01 | 8.95E-01 | --- | --- | |
| 1370337_at | Ex2 | COX2C-binding factor (zinc finger protein) | 63706 | Rn.18932 | AI133731 | 5.78 | 5.77 | 6.49 | 6.49 | 6.06 | 6.04 | 1.38 | down | 3.11E-01 | 8.95E-01 | --- | --- | |
| 1378111_at | Ex2 | exostosins (multiple 2) | 312125 | Rn.2878 | BM387363 | 5.50 | 5.67 | 4.96 | 5.47 | 6.34 | 5.70 | 1.38 | up | 2.41E-01 | 8.95E-01 | --- | --- | |
| 1383422_at | BenD5 | BEH domain containing 5 | 362564 | Rn.87596 | AV252401 | 9.25 | 9.34 | 9.63 | 9.85 | 9.09 | 8.80 | 1.38 | down | 3.18E-02 | 8.95E-01 | --- | --- | |
| 1379777_at | Map4k5 | mitogen-activated protein kinase kinase kinase kinase 5 | 503027 | Rn.21208 | BI291366 | 2.73 | 2.72 | 2.74 | 2.49 | 3.05 | 3.04 | 1.38 | up | 3.63E-01 | 8.95E-01 | --- | --- | |
| 1379641_at | Zfp445 | zinc finger protein 445 | 310178 | Rn.100296 | BE132147 | 8.15 | 6.93 | 8.66 | 8.47 | 5.28 | 6.58 | 1.38 | down | 3.88E-01 | 8.95E-01 | --- | --- | |
| 1391345_at | Pank3 | pancreatic lipase 3 | 305511 | Rn.13643 | BI268886 | 3.85 | 3.79 | 4.51 | 3.33 | 3.97 | 3.47 | 1.38 | down | 1.98E-01 | 8.95E-01 | --- | --- | |
| 1378778_at | --- | --- | --- | Rn.59728 | BF384722 | 5.38 | 6.86 | 6.81 | 6.12 | 6.94 | 7.38 | 1.38 | up | 4.37E-01 | 8.95E-01 | --- | --- | |
| 1378778_at | --- | --- | --- | Rn.12026 | NM_026266 | 10.12 | 9.97 | 10.17 | 8.59 | 9.91 | 9.59 | 1.38 | down | 3.01E-01 | 8.95E-01 | --- | --- | |
| 1381861_at | --- | --- | --- | Rn.17233 | BE101088 | 7.75 | 6.81 | 7.27 | 8.82 | 6.48 | 7.19 | 1.38 | down | 2.44E-01 | 8.95E-01 | --- | --- | |
| 1370326_at | --- | --- | --- | Rn.25729 | NM_025729 | 9.49 | 9.29 | 9.46 | 8.45 | 9.36 | 8.45 | 1.38 | down | 3.49E-01 | 8.95E-01 | --- | --- | |
| 1372504_at | Dpm3 [Dpm3-p] | dolichyl-phosphate mannosyltransferase polypeptide 3 [dolichyl-phosphate 502017] [692002] | 307075 | Rn.20619 | AI177960 | 7.75 | 7.81 | 7.96 | 8.67 | 7.98 | 8.26 | 1.38 | up | 9.08E-02 | 8.95E-01 | --- | --- | |
| 1370313_at | Wp37 | Wp repeat domain 3 | 307075 | Rn.163386 | BE116354 | 6.90 | 6.42 | 6.42 | 5.64 | 6.40 | 6.31 | 1.38 | down | 1.85E-01 | 8.95E-01 | --- | --- | |
| 1370326_at | Ep300 | histone deacetylase 3 | 314152 | Rn.137390 | LI11176 | 3.45 | 4.05 | 4.91 | 4.19 | 4.18 | 4.91 | 1.38 | down | 5.19E-01 | 8.95E-01 | --- | --- | |
| 1371819_at | Hsdac5 | histone deacetylase 5 | 84580 | Rn.79883 | BF403027 | 3.79 | 4.16 | 3.68 | 3.68 | 5.03 | 4.31 | 1.38 | up | 3.30E-01 | 8.95E-01 | --- | --- | |
| 1382179_at | Klf11 | Krüppel-like 11 (Drosophila) | 257733 | Rn.20279 | BF32363 | 3.79 | 3.63 | 3.79 | 3.63 | 3.79 | 3.63 | 1.38 | down | 3.25E-01 | 8.95E-01 | --- | --- | |
| 1374312_at | Uck1 | uridine-cytidine kinase 1 | 311864 | Rn.20148 | BI297050 | 5.44 | 6.15 | 4.93 | 6.03 | 5.62 | 6.26 | 1.38 | up | 3.11E-01 | 8.95E-01 | --- | --- | |
| 1371797_at | Cad | carbamoyl-phosphate synthase 2, aspartate transcarbamylase, and dydyrin 2 | 24240 | Rn.19416 | BM391890 | 3.59 | 4.57 | 3.32 | 4.38 | 4.54 | 3.95 | 1.38 | down | 3.23E-01 | 8.95E-01 | --- | --- | |
| 1384842_at | --- | --- | --- | Rn.11178 | BE035163 | 3.13 | 3.24 | 3.29 | 2.48 | 3.23 | 3.23 | 1.38 | down | 4.13E-01 | 8.95E-01 | --- | --- | |
| 1385699_at | Ynf1f1 | Ynf1 domain family, member 1 | 296467 | Rn.16949 | BI283897 | 4.22 | 4.99 | 4.45 | 4.51 | 4.56 | 4.57 | 1.38 | up | 2.84E-01 | 8.95E-01 | --- | --- | |
| 1371113_at | Tlc | transferin receptor | 64678 | Rn.98672 | MS0400 | 3.51 | 4.00 | 3.50 | 2.86 | 3.68 | 3.69 | 1.38 | down | 2.97E-01 | 8.95E-01 | --- | --- | |
| 1378353_at | Taxk | taxane-associated factor 3 | 64029 | Rn.21615 | AI726267 | 7.72 | 7.72 | 7.45 | 8.09 | 7.78 | 7.98 | 1.38 | down | 2.39E-01 | 8.95E-01 | --- | --- | |
| 1378810_at | Phospho9 [Phospho9] | M-phase phosphoprotein 8 / poly (ADP-ribose) polymerase family, member 8 [290270] [361048] | 42579 | AI103325 | AI103325 | 4.01 | 4.01 | 3.89 | 4.47 | 4.02 | 4.21 | 1.38 | up | 1.09E-01 | 8.95E-01 | --- | --- | |
| 1378111_at | --- | --- | --- | Rn.19447 | AI103325 | 3.86 | 3.86 | 3.86 | 3.86 | 3.86 | 3.86 | 1.38 | down | 3.86E-01 | 8.95E-01 | --- | --- | |
| 1398217_at | Znf41 | zinc finger and BTB domain containing 41 | 289052 | Rn.51461 | BE107387 | 4.06 | 2.90 | 2.85 | 2.83 | 2.75 | 2.84 | 1.38 | down | 3.07E-01 | 8.95E-01 | --- | --- | |
| 1392696_at | Nm2 | nucleated calyx domain 2 (Drosophila) | 308608 | Rn.198099 | AI072356 | 4.33 | 2.55 | 3.02 | 2.70 | 2.92 | 2.90 | 1.38 | down | 4.36E-01 | 8.95E-01 | --- | --- | |
| 1371643_at | Cond1 | condensin 1 | 58812 | Rn.22279 | AV143758 | 8.42 | 9.18 | 7.56 | 8.56 | 8.28 | 8.58 | 1.38 | down | 4.84E-01 | 8.95E-01 | --- | --- | |
| 1372747_at | Pl3a | plastin 3 (T-isoform) | 81748 | Rn.32103 | BE872591 | 4.79 | 3.18 | 5.23 | 4.55 | 4.53 | 3.43 | 1.38 | down | 4.43E-01 | 8.95E-01 | --- | --- | |
| 1373122_at | Jub | just-like homolog (Xenopus laevis) | 141407 | Rn.141407 | BE448017 | 4.83 | 6.13 | 5.99 | 4.87 | 4.87 | 4.79 | 1.38 | down | 4.36E-01 | 8.95E-01 | --- | --- | |
| 1375185_at | Phk | phalloidin-binding protein 3 | 308609 | Rn.20234 | BM450183 | 5.91 | 6.89 | 5.77 | 6.25 | 6.28 | 6.63 | 1.38 | up | 1.33E-01 | 8.95E-01 | --- | --- | |
| 1396919_at | Cyfa | Phylogenetic embryonic factor | 29362 | Rn.56971 | NM_019194 | 3.54 | 5.40 | 3.30 | 3.30 | 3.57 | 3.98 | 1.38 | down | 5.42E-01 | 8.95E-01 | --- | --- | |
| 1378922_at | Sict1 | synovial arthropod inhibitor 1 | 252178 | Rn.11178 | BE035163 | 3.13 | 3.24 | 3.29 | 2.48 | 3.23 | 3.23 | 1.38 | down | 4.13E-01 | 8.95E-01 | --- | --- | |
| 1374384_at | Tyfa | tyrosinase | 684028 | Rn.16949 | BI283897 | 4.15 | 4.78 | 3.08 | 4.09 | 4.45 | 4.85 | 1.38 | up | 4.43E-01 | 8.95E-01 | --- | --- | |
| 1382377_at | Dhcs3 | DEAH (Arg-Glu-Ala-His) box polypeptide 35 | 362280 | Rn.118078 | AV525179 | 5.06 | 5.86 | 5.61 | 6.23 | 4.13 | 4.79 | 1.38 | down | 5.26E-01 | 8.95E-01 | --- | --- | |
| 1376949_at | Rca1 | RCA1 homolog, protein polypeptide (S. cerevisiae) | 301513 | Rn.10570 | BE035163 | 3.32 | 3.32 | 3.32 | 3.32 | 3.32 | 3.32 | 1.38 | down | 3.32E-01 | 8.95E-01 | --- | --- | |
| 1388445_at | --- | --- | --- | Rn.37578 | BE142473 | 6.71 | 7.29 | 7.38 | 7.80 | 7.26 | 7.69 | 1.38 | up | 1.58E-01 | 8.95E-01 | --- | --- | |
| 1388454_at | --- | --- | --- | Rn.48234 | BE035163 | 6.56 | 6.42 | 5.67 | 6.18 | 6.03 | 6.26 | 1.38 | down | 4.84E-01 | 8.95E-01 | --- | --- | |
| 1388564_at | --- | --- | --- | Rn.884 | BF282152 | 3.22 | 3.93 | 3.22 | 4.05 | 3.31 | 4.26 | 1.38 | down | 3.11E-01 | 8.95E-01 | --- | --- | |
| 1386915_at | Kmo | kinase 1 hypothetical protein FL20436 | 300206 | Rn.884 | BF282152 | 3.22 | 3.93 | 3.22 | 4.05 | 3.31 | 4.26 | 1.38 | down | 3.11E-01 | 8.95E-01 | --- | --- | |
| 1386915_at | Kmo | kyurenine 3-monooxygenase (kyurenine 3-hydroxylase) | 59113 | Rn.35029 | NM_021593 | 9.31 | 9.67 | 8.85 | 9.31 | 9.02 | 9.12 | 1.38 | down | 6.37E-02 | 8.95E-01 | --- | --- | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | FCRAhouse | Residual | Unpaired t-Test vs. CH (triplicates) | REG | MTC | |
|--------------|-----------------|--|-----------------|------------|-----------|------------------------|----------|----------|-----------|-----------|-----------|-----------|----------|--------------------------------------|----------|----------|--|
| | | | | | | SEFP (Ch) | SEFP (S) | SEFP (M) | SEFP (Ca) | SEFP (Ca) | SEFP (Ca) | | | | | | |
| 1378932_at | Srbp | Signal recognition particle receptor, B subunit | 300965 | Rn.138078 | AI103196 | 5.85 | 6.23 | 6.37 | 6.03 | 5.90 | 6.98 | 1.37 | down | 3.57E-01 | 8.95E-01 | | |
| 1378976_at | --- | --- | --- | --- | BF284876 | 11.88 | 12.81 | 12.64 | 12.64 | 12.79 | 13.03 | 1.37 | up | 1.79E-01 | 8.95E-01 | | |
| 1383331_at | --- | --- | --- | --- | BF48234 | 3.21 | 3.71 | 3.70 | 4.48 | 3.87 | 3.37 | 1.37 | down | 6.31E-01 | 8.95E-01 | | |
| 1384601_at | Lba | LPS-responsive vesicle trafficking, beach and anchoring containing | 361975 | Rn.21120 | AI112717 | 6.06 | 5.21 | 6.30 | 6.10 | 4.13 | 6.89 | 1.37 | down | 6.31E-01 | 8.95E-01 | | |
| 1388811_at | Meaf11 | Myofibrillar capping protein | 117660 | Rn.18441 | AD01555 | 5.82 | 6.11 | 6.24 | 5.85 | 5.95 | 6.11 | 1.37 | down | 5.33E-01 | 8.95E-01 | | |
| 1389680_at | Ragep3 | Rap guanine nucleotide exchange factor (GEF) 3 | 59326 | Rn.42889 | NM_021690 | 2.50 | 2.67 | 3.67 | 2.47 | 2.48 | 2.52 | 1.37 | down | 2.84E-01 | 8.95E-01 | | |
| 1397699_at | Bach1 | BTB and CNC homology 1, basic leucine zipper transcription factor 1 | 304127 | Rn.29793 | BF385437 | 4.06 | 3.82 | 4.20 | 3.88 | 2.96 | 3.88 | 1.37 | down | 2.96E-01 | 8.95E-01 | | |
| 1407895_at | Llao | limonin 1 | 177046 | Rn.27366 | BF18444 | 6.84 | 6.84 | 6.86 | 6.84 | 6.78 | 6.86 | 1.37 | down | 6.84E-01 | 8.95E-01 | | |
| 1438305_at | --- | --- | --- | --- | BM383579 | 3.63 | 4.35 | 5.70 | 5.05 | 4.48 | 5.51 | 1.37 | up | 6.86E-01 | 8.95E-01 | | |
| 1460714_at | --- | --- | --- | --- | AA05444 | 4.88 | 5.58 | 5.67 | 4.88 | 5.55 | 5.57 | 1.37 | up | 6.86E-01 | 8.95E-01 | | |
| 1468674_at | Piges | prostaglandin E synthase | 59103 | Rn.77330 | AF209567 | 2.46 | 2.45 | 3.74 | 2.43 | 2.46 | 2.39 | 1.37 | down | 3.46E-01 | 8.95E-01 | | |
| 1495571_at | Pogf3 | polycomb group ring finger 3 | 305624 | Rn.8211 | BF57189 | 3.92 | 5.47 | 6.35 | 5.08 | 6.44 | 5.58 | 1.37 | up | 6.09E-01 | 8.95E-01 | | |
| 1500153_at | --- | --- | --- | --- | BC329221 | 2.60 | 3.08 | 5.06 | 3.13 | 3.08 | 3.18 | 1.37 | down | 5.81E-01 | 8.95E-01 | | |
| 1573247_at | --- | --- | --- | --- | Rn.48985 | AW435407 | 3.11 | 2.88 | 4.91 | 3.33 | 3.11 | 3.10 | 1.37 | down | 5.23E-01 | 8.95E-01 | |
| 1590308_at | beta 11 RGD1564 | microfibrillar-associated protein 11A // similar to microfibrillar-associated protein 27 | 27415 // 498878 | Rn.93042 | AV053471 | 6.98 | 5.95 | 5.68 | 6.42 | 5.97 | 6.36 | 1.37 | down | 3.75E-01 | 8.95E-01 | | |
| 1593189_at | Zmy1 | zinc finger, MYM-type 1 | 313904 | Rn.15983 | AK84927 | 2.93 | 3.55 | 2.98 | 2.81 | 4.51 | 2.99 | 1.37 | up | 5.25E-01 | 8.95E-01 | | |
| 1593292_at | Coc99 | collin-coil domain containing 99 | 303037 | Rn.54949 | AW095054 | 2.43 | 2.88 | 2.70 | 3.50 | 2.95 | 2.91 | 1.37 | up | 1.20E-01 | 8.95E-01 | | |
| 1593306_at | Ki9 | Kruppel-like factor 9 | 117660 | Rn.18441 | AD01555 | 3.62 | 2.38 | 2.90 | 2.35 | 2.35 | 2.24 | 1.37 | up | 3.51E-01 | 8.95E-01 | | |
| 1595533_at | Hars | hepatitis A virus RNA synthetase | 307492 | Rn.35537 | BF528213 | 5.96 | 6.30 | 5.01 | 5.31 | 7.03 | 6.29 | 1.37 | down | 5.14E-01 | 8.95E-01 | | |
| 1597428_s_at | Dnq2 | developmentally regulated GTP binding protein 2 | 44915 | Rn.203229 | AI17394 | 11.11 | 11.22 | 10.86 | 10.62 | 10.38 | 10.84 | 1.37 | down | 5.58E-02 | 8.95E-01 | | |
| 1597501_at | Snp72 | signal recognition particle 72 | 49831 | Rn.2930 | BM383845 | 5.35 | 4.73 | 5.11 | 5.28 | 5.40 | 5.88 | 1.37 | up | 1.59E-01 | 8.95E-01 | | |
| 1598560_at | --- | --- | --- | --- | AT78218 | 2.61 | 2.50 | 2.53 | 4.03 | 2.51 | 2.45 | 1.37 | up | 7.34E-01 | 8.95E-01 | | |
| 1598707_at | Lals2 | large tumor suppressor 2 | 305922 | Rn.48918 | BM382983 | 6.79 | 6.84 | 6.83 | 6.86 | 5.99 | 6.26 | 1.37 | down | 7.85E-02 | 8.95E-01 | | |
| 1598755_at | Tlcr3 | tetraloop-repeat repeat domain 3C | 309196 | Rn.162477 | BG372788 | 6.00 | 6.16 | 6.46 | 5.53 | 5.18 | 6.54 | 1.37 | down | 3.54E-01 | 8.95E-01 | | |
| 1599279_at | Vps36 | Vacuolar protein sorting 36 homolog (S. cerevisiae) | 290851 | Rn.12707 | AI107966 | 3.57 | 3.46 | 3.17 | 3.78 | 3.50 | 3.57 | 1.37 | down | 4.65E-01 | 8.95E-01 | | |
| 1599718_at | Flwv11 | Flax wax and WD repeat domain containing 11 | 303024 | Rn.159760 | BF398799 | 2.64 | 4.32 | 2.70 | 2.39 | 3.21 | 2.71 | 1.37 | down | 4.94E-01 | 8.95E-01 | | |
| 1599889_at | Pamc4 | proteasome, macrophain 26S subunit, ATPase 4 | 117282 | Rn.11341 | BG378826 | 8.00 | 8.44 | 9.03 | 7.88 | 8.00 | 8.23 | 1.37 | down | 2.28E-01 | 8.95E-01 | | |
| 1599925_at | Erlh | Erlin1 | 30515 | Rn.222041 | AI112549 | 8.34 | 8.29 | 7.84 | 9.04 | 8.03 | 8.75 | 1.37 | up | 2.56E-01 | 8.95E-01 | | |
| 1599930_at | Coc99 | collin-coil domain containing 99 | 303037 | Rn.54949 | AW095054 | 2.43 | 2.88 | 2.70 | 3.50 | 2.95 | 2.91 | 1.37 | up | 1.20E-01 | 8.95E-01 | | |
| 1599970_at | --- | --- | --- | --- | BM384457 | 3.87 | 5.04 | 5.43 | 2.43 | 4.17 | 4.02 | 1.37 | down | 4.54E-01 | 8.95E-01 | | |
| 1599975_at | --- | --- | --- | --- | AK815967 | 6.79 | 7.58 | 8.44 | 7.50 | 5.84 | 7.42 | 1.37 | down | 2.93E-01 | 8.95E-01 | | |
| 1599981_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599982_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599983_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599984_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599985_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599986_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599987_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599988_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599989_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599990_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599991_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599992_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599993_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599994_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599995_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599996_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599997_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599998_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1599999_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600000_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600001_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600002_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600003_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600004_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600005_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600006_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600007_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600008_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600009_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600010_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600011_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600012_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600013_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600014_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600015_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600016_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600017_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | 2.64 | 1.37 | up | 2.96E-01 | 8.95E-01 | | |
| 1600018_at | --- | --- | --- | --- | AK385197 | 2.67 | 2.65 | 2.70 | 2.66 | 4.08 | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FCRAhouse | Residual | Unpaired t-test vs Ctl (log2) | Cis vs Ctl (log2) | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------------------|-------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ca) | SEPB (Ca) | SEPC (Ca) | SEPD (Ca) | SEPE (Ca) | | | | | | |
| 1391027_at | --- | --- | Rn.29932 | A1236184 | 5.02 | 4.24 | 3.99 | 4.04 | 3.95 | 3.94 | 1.36 | down | 2.28E-01 | 8.95E-01 | --- | --- | |
| 1376514_at | --- | --- | Rn.15638 | AA626014 | 4.41 | 2.89 | 2.93 | 3.18 | 2.87 | 2.86 | 1.36 | down | 4.36E-01 | 8.95E-01 | --- | --- | |
| 1381100_at | --- | --- | Rn.15929 | BE116871 | 6.81 | 6.90 | 6.71 | 6.80 | 6.71 | 6.33 | 1.36 | down | 1.36E-01 | 8.95E-01 | --- | --- | |
| 1388477_at | --- | --- | Rn.19394 | A1170046 | 2.47 | 2.52 | 2.49 | 2.47 | 2.45 | 2.89 | 1.36 | down | 4.09E-01 | 8.95E-01 | --- | --- | |
| 1380091_at | Zfp212 | zinc finger protein 212 | Rn.20096 | BE116872 | 4.46 | 4.56 | 4.46 | 4.47 | 4.46 | 4.76 | 1.36 | down | 2.22E-01 | 8.95E-01 | --- | --- | |
| 1383882_at | --- | --- | Rn.14749 | BC378133 | 4.76 | 5.96 | 4.86 | 6.00 | 5.83 | 4.87 | 1.36 | up | 4.72E-01 | 8.95E-01 | --- | --- | |
| 1389056_at | --- | --- | Rn.4301 | A1170394 | 2.41 | 2.45 | 2.46 | 2.61 | 2.58 | 2.45 | 1.36 | down | 2.82E-01 | 8.95E-01 | --- | --- | |
| 1397026_at | EplA5 | epithelial cell protein band 4.5 | Rn.36109 | A1077633 | 6.53 | 6.37 | 6.58 | 6.59 | 6.40 | 6.40 | 1.36 | down | 4.72E-01 | 8.95E-01 | --- | --- | |
| 1396928_at | Gpach4 | G patch domain containing 4 | Rn.205279 | A1548614 | 4.28 | 4.99 | 3.48 | 3.17 | 4.41 | 3.82 | 1.36 | down | 4.78E-01 | 8.95E-01 | --- | --- | |
| 1324732_at | --- | --- | Rn.205228 | Rn.201706 | 3.98 | 3.97 | 5.12 | 3.87 | 3.87 | 3.21 | 1.36 | down | 4.38E-01 | 8.95E-01 | --- | --- | |
| 1382633_at | --- | --- | Rn.14749 | BE120748 | 6.43 | 5.49 | 5.73 | 5.17 | 5.18 | 5.89 | 1.36 | down | 3.24E-01 | 8.95E-01 | --- | --- | |
| 1391841_at | H2-T23 | histone-comb domain 2, T region locus 23 | Rn.294228 | A0628241 | 7.11 | 5.72 | 5.06 | 5.32 | 5.95 | 7.93 | 1.36 | up | 6.91E-01 | 9.03E-01 | --- | --- | |
| 1373076_at | Ncap1 | nuclear cap binding protein subunit 1, 80kDa | Rn.28075 | A1419277 | 9.48 | 8.87 | 9.16 | 8.97 | 8.33 | 8.90 | 1.36 | down | 1.74E-01 | 8.95E-01 | --- | --- | |
| 1371387_at | Cov7b | cytochrome c oxidase subunit VIIb | Rn.30393 | AA686477 | 11.19 | 11.04 | 11.25 | 11.33 | 12.00 | 11.46 | 1.36 | up | 1.12E-01 | 8.95E-01 | --- | --- | |
| 1390217_at | Ganr1 | GTPase activating RapRanGAP domain-like 1 | Rn.86984 | BF283227 | 6.15 | 6.69 | 5.98 | 6.53 | 6.75 | 6.84 | 1.36 | up | 1.37E-01 | 8.95E-01 | --- | --- | |
| 1390102_at | --- | --- | Rn.86984 | BF283227 | 6.15 | 6.69 | 5.98 | 6.53 | 6.75 | 6.84 | 1.36 | up | 1.37E-01 | 8.95E-01 | --- | --- | |
| 1377111_at | --- | --- | Rn.30254 | BE295188 | 3.04 | 3.58 | 2.48 | 3.82 | 2.78 | 3.82 | 1.36 | down | 4.03E-01 | 8.95E-01 | --- | --- | |
| 1385925_at | --- | --- | Rn.30254 | BE295188 | 3.04 | 3.58 | 2.48 | 3.82 | 2.78 | 3.82 | 1.36 | down | 4.03E-01 | 8.95E-01 | --- | --- | |
| 1381550_at | Ppp112a | protein phosphatase 1, regulatory (inhibitor) subunit 12A | 116670 | Rn.162937 | BF398081 | 5.91 | 4.61 | 2.44 | 4.71 | 3.45 | 3.69 | 1.36 | down | 6.88E-01 | 8.95E-01 | --- | --- |
| 1389592_at | --- | --- | Rn.162937 | BF398081 | 5.91 | 4.61 | 2.44 | 4.71 | 3.45 | 3.69 | 1.36 | down | 6.88E-01 | 8.95E-01 | --- | --- | |
| 1387897_at | Igfb3 | immunoglobulin superfamily, member 6 | 117084 | Rn.204004 | NM_135952 | 2.61 | 2.56 | 2.64 | 4.19 | 2.97 | 2.57 | 1.36 | down | 4.88E-01 | 8.95E-01 | --- | --- |
| 1374006_at | Kat3 | lysine-specific histone methyltransferase 3 | 541589 | Rn.28263 | BE28878 | 8.70 | 8.45 | 7.68 | 7.63 | 7.55 | 8.33 | 1.36 | down | 2.28E-01 | 8.95E-01 | --- | --- |
| 1373592_at | Tnfr2 | TNF receptor, kinase binding 2 | 171086 | Rn.20597 | BE27896 | 6.17 | 5.84 | 6.79 | 6.49 | 7.08 | 6.84 | 1.36 | down | 2.28E-01 | 8.95E-01 | --- | --- |
| 1389842_at | LOC76980 | hypothetical protein LOC76980 | 67890 | BE295189 | 8.46 | 9.92 | 8.70 | 8.86 | 9.49 | 9.45 | 1.36 | down | 1.85E-01 | 8.95E-01 | --- | --- | |
| 1371317_at | Acov2 | acyl-Coenzyme A oxidase 2, branched chain | 252898 | Rn.10622 | X95189 | 2.72 | 3.65 | 2.73 | 2.71 | 2.40 | 2.66 | 1.36 | down | 2.44E-01 | 8.95E-01 | --- | --- |
| 1373034_at | Wfo | lysophosphatidic acid phosphatase | Rn.103253 | A117123 | 7.55 | 6.92 | 6.90 | 5.51 | 5.89 | 7.16 | 1.36 | down | 5.64E-01 | 8.95E-01 | --- | --- | |
| 1394625_at | Tmem141 | transmembrane protein 144 | 361968 | Rn.72480 | A123481 | 7.93 | 7.53 | 8.09 | 7.42 | 7.35 | 7.46 | 1.36 | down | 6.21E-02 | 8.95E-01 | --- | --- |
| 1373038_at | Propr | proton receptor | 24684 | Rn.9757 | M75698 | 7.45 | 8.40 | 7.19 | 7.23 | 6.87 | 7.63 | 1.36 | down | 3.63E-01 | 8.95E-01 | --- | --- |
| 1380311_at | Lox2 | lysine oxidase 2 | 117046 | NM_113933 | NM_139241 | 2.33 | 2.36 | 2.36 | 3.65 | 2.35 | 2.33 | 1.36 | up | 3.24E-01 | 8.95E-01 | --- | --- |
| 1385721_at | Sim2 | single-minded homolog 2 (Drosophila) | 304071 | Rn.113883 | AV534696 | 3.88 | 2.59 | 2.57 | 2.55 | 2.65 | 2.53 | 1.36 | down | 3.70E-01 | 8.95E-01 | --- | --- |
| 1374452_at | CtP | CTP synthase 1 | 619560 | Rn.13363 | AV142263 | 2.63 | 3.02 | 2.88 | 2.83 | 3.47 | 3.35 | 1.36 | up | 1.29E-01 | 8.95E-01 | --- | --- |
| 1328461_at | Tnrc4 | transmembrane channel-like 4 | 208310 | Rn.13375 | AV59640 | 2.92 | 3.22 | 3.22 | 2.22 | 2.22 | 2.21 | 1.36 | down | 3.86E-01 | 8.95E-01 | --- | --- |
| 1383246_at | Armc7 | armadillo repeat containing 7 | 287827 | Rn.19899 | A146111 | 3.72 | 2.41 | 2.41 | 2.41 | 2.43 | 2.40 | 1.36 | down | 3.67E-01 | 8.95E-01 | --- | --- |
| 1383054_at | --- | --- | Rn.164798 | BE120748 | 6.43 | 5.49 | 5.73 | 5.17 | 5.18 | 5.89 | 1.36 | down | 4.14E-01 | 8.95E-01 | --- | --- | |
| 1386750_at | Ptd4d | phosphatidylethanolamine 4, CAMF-specific (phosphatidyltransferase E3) dunc homo | 24627 | Rn.163460 | NM_107332 | 3.02 | 3.10 | 4.05 | 3.01 | 2.90 | 2.95 | 1.36 | down | 2.59E-01 | 8.95E-01 | --- | --- |
| 1398111_at | Usp1 | ubiquitin specific peptidase 1A | 288447 | Rn.86346 | BE27896 | 7.22 | 7.19 | 5.84 | 7.78 | 7.48 | 6.32 | 1.36 | down | 5.26E-01 | 8.95E-01 | --- | --- |
| 1374790_at | Gnrbp | N-acetylglucosaminase-1 phosphatase transferase, gamma subunit | 287134 | Rn.2514 | AAV43892 | 6.10 | 6.39 | 5.84 | 6.78 | 6.46 | 6.40 | 1.36 | down | 9.21E-02 | 8.95E-01 | --- | --- |
| 1373547_at | RDG1308147 | retinoblastoma protein 1308147 | Rn.85153 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.86E-01 | 8.95E-01 | --- | --- | |
| 1376947_at | --- | --- | Rn.95305 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.25E-01 | 8.95E-01 | --- | --- | |
| 1387666_at | --- | --- | Rn.48609 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 2.28E-01 | 8.95E-01 | --- | --- | |
| 1382054_at | RDG1310427 | similar to KIAA0900 protein | 362943 | Rn.421515 | BE27896 | 6.15 | 6.03 | 6.53 | 6.15 | 6.42 | 6.15 | 1.36 | down | 2.28E-01 | 8.95E-01 | --- | --- |
| 1382897_at | --- | --- | Rn.16311 | BF394196 | 2.32 | 2.31 | 3.76 | 2.48 | 4.22 | 3.30 | 1.36 | down | 5.68E-01 | 8.95E-01 | --- | --- | |
| 1389795_at | Korc12 | potassium inwardly-rectifying channel, subfamily J, member 12 | 117052 | Rn.10408 | NM_033981 | 4.66 | 5.33 | 5.34 | 5.37 | 5.72 | 5.55 | 1.36 | up | 1.46E-01 | 8.95E-01 | --- | --- |
| 1389748_at | Tnfr2 | lysine-specific kinase 2 | Rn.144652 | NM_133924 | 2.33 | 3.72 | 2.34 | 2.34 | 2.63 | 2.34 | 1.36 | down | 3.24E-01 | 8.95E-01 | --- | --- | |
| 1373510_at | Vamp1 | vesicle-associated membrane protein 1 | 25624 | Rn.31977 | BF281373 | 3.78 | 2.74 | 2.74 | 2.74 | 2.63 | 2.75 | 1.36 | down | 2.81E-01 | 8.95E-01 | --- | --- |
| 1377149_at | --- | --- | Rn.31977 | BF281373 | 3.78 | 2.74 | 2.74 | 2.74 | 2.63 | 2.75 | 1.36 | down | 2.81E-01 | 8.95E-01 | --- | --- | |
| 1366560_at | Gud3 | glycerol-3-phosphate dehydrogenase 1 (soluble) | 60666 | Rn.44452 | NM_022115 | 5.31 | 5.33 | 5.68 | 5.31 | 4.40 | 5.29 | 1.36 | down | 2.46E-01 | 8.95E-01 | --- | --- |
| 1389813_at | Ubp1 | ubiquitin-like modifier activating enzyme 3 | 117553 | Rn.162761 | NM_057205 | 6.39 | 6.31 | 6.70 | 6.19 | 5.49 | 6.41 | 1.36 | down | 2.21E-01 | 8.95E-01 | --- | --- |
| 1381393_at | Ubc3a | ubiquitin-protein ligase E3A | Rn.158497 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.86E-01 | 8.95E-01 | --- | --- | |
| 1389764_at | --- | --- | Rn.21453 | BF394196 | 2.57 | 3.01 | 2.62 | 3.38 | 2.59 | 2.55 | 1.36 | up | 5.18E-01 | 8.95E-01 | --- | --- | |
| 1385492_at | Rbm17 | RNA binding motif protein 17B | 26800 | Rn.20483 | AV10230 | 5.63 | 5.39 | 5.39 | 5.61 | 5.74 | 5.68 | 1.36 | down | 3.52E-02 | 8.95E-01 | --- | --- |
| 1377187_at | Sox1 | sox homeobox 1 | 313069 | Rn.15198 | BE27896 | 4.37 | 3.36 | 4.13 | 3.08 | 3.39 | 3.18 | 1.36 | down | 1.65E-01 | 8.95E-01 | --- | --- |
| 1393933_at | Mapk1 | mitogen-activated protein kinase 1 | 300652 | Rn.92871 | AV148223 | 5.32 | 5.02 | 5.32 | 5.34 | 6.56 | 6.51 | 1.36 | up | 3.10E-01 | 8.95E-01 | --- | --- |
| 1386230_at | RDG1569308 | similar to KIAA0900 protein | 498119 | Rn.162937 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.86E-01 | 8.95E-01 | --- | --- |
| 1378751_at | Sox1 | mitogen-activated protein kinase 4 | 5428 | Rn.148899 | BF397888 | 2.46 | 2.39 | 3.72 | 2.46 | 2.41 | 2.39 | 1.36 | down | 3.71E-01 | 8.95E-01 | --- | --- |
| 1393811_at | RDG1561537 | similar to putative repeat and recombination helix RAD2L | 361197 | Rn.12539 | BF397289 | 7.28 | 8.33 | 7.80 | 7.72 | 6.29 | 6.08 | 1.36 | down | 5.24E-01 | 8.95E-01 | --- | --- |
| 1377597_at | Acv2 | acyl-Coenzyme A oxidase 2, branched chain | 252898 | Rn.10622 | X95189 | 2.72 | 3.65 | 2.73 | 2.71 | 2.40 | 2.66 | 1.36 | down | 2.44E-01 | 8.95E-01 | --- | --- |
| 1373481_at | R3dcm1 | R3d domain containing 1 | 304783 | Rn.60443 | A127298 | 5.75 | 5.71 | 5.63 | 5.87 | 6.24 | 6.00 | 1.36 | down | 1.01E-01 | 8.95E-01 | --- | --- |
| 1374572_at | Dysc11 | dyx11 cytoplasmic 11 phosphatase transferase, gamma subunit | 287073 | Rn.12074 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.75E-01 | 8.95E-01 | --- | --- |
| 1392519_at | EF2 | EF2-associated phosphoprotein | 299043 | Rn.55623 | AV59163 | 6.89 | 6.87 | 6.89 | 6.88 | 7.17 | 7.33 | 1.36 | up | 5.17E-02 | 8.95E-01 | --- | --- |
| 1392499_at | Phospho | phosphorylformylglycine synthase | 287420 | Rn.17467 | H32997 | 5.24 | 4.08 | 5.25 | 4.40 | 4.22 | 4.62 | 1.36 | down | 3.40E-01 | 8.95E-01 | --- | --- |
| 1386166_at | Woc1b1 | Worm cohesin syndrome chromosome region 1b homolog (human) | 460452 | BE27896 | 6.02 | 6.38 | 5.35 | 6.38 | 6.03 | 6.03 | 1.36 | down | 3.86E-01 | 8.95E-01 | --- | --- | |
| 1384537_at | --- | --- | Rn.132626 | BE116395 | 6.72 | 6.53 | 6.71 | 6.15 | 8.35 | 5.78 | 1.36 | up | 6.38E-01 | 8.95E-01 | --- | --- | |
| 1370872_at | Hmnpa | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/MScore | Resonance | Unpaired t-test Csis vs Chl (p-values) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|-----------|-----------|--|----------|-----|
| | | | | | | SEPS (Chl) | SEPA (Chl) | SEPB (Chl) | SEPC (Chl) | SEPD (Chl) | SEPE (Chl) | | | | | |
| 1387039_at | Gpc1 | glycanin 1 | 58920 | NM_030628 | BE110038 | 3.63 | 2.66 | 2.65 | 2.40 | 2.64 | 2.61 | 1.35 | down | 2.69E-01 | 9.95E-01 | - |
| 1385363_at | LOC83819 | similar to fibroblast protein, mitochondrial, S22 | 683519 | Rn_1011929 | BE029283 | 6.28 | 5.04 | 5.05 | 5.11 | 4.99 | 4.96 | 1.35 | down | 3.51E-01 | 9.95E-01 | - |
| 1387768_at | Grspr22 | G-protein-coupled receptor associated sorting protein | 317405 | Rn_1017196 | AW530900 | 3.10 | 3.84 | 4.00 | 3.87 | 3.11 | 3.13 | 1.35 | down | 4.18E-01 | 9.95E-01 | - |
| 1388178_at | RGD1308823 | LOC8382079 | 317405 | Rn_1017196 | AW530900 | 3.10 | 3.84 | 4.00 | 3.87 | 3.11 | 3.13 | 1.35 | down | 4.18E-01 | 9.95E-01 | - |
| 1390044_at | Chn14 | chromatin modifying protein | 361916 | NM_025267 | BM384937 | 6.90 | 6.67 | 7.30 | 6.08 | 6.86 | 6.64 | 1.35 | down | 2.23E-01 | 9.95E-01 | - |
| 1384106_at | Snp42 | sphingomyelinase 4 | 353029 | Rn_204495 | AW14278 | 7.84 | 8.27 | 8.33 | 7.96 | 8.17 | 8.71 | 1.35 | down | 2.26E-01 | 9.95E-01 | - |
| 1387227_at | Ptd | phosphatidylethanolamine D (cytoplasmic D) | 751987 | Rn_1389152 | BA86744 | 7.57 | 7.67 | 7.98 | 6.98 | 7.67 | 7.47 | 1.35 | down | 1.62E-01 | 9.95E-01 | - |
| 1381857_at | Rasa1 | RAS p21 protein activator (GTPase activating protein) | 25676 | Rn_12223 | AA63157 | 4.78 | 3.57 | 3.12 | 3.81 | 4.47 | 4.47 | 1.35 | down | 4.74E-01 | 9.95E-01 | - |
| 1383751_at | Mpn | myotrophin | 79215 | Rn_3239 | BG567380 | 4.68 | 4.58 | 5.78 | 4.21 | 4.50 | 5.05 | 1.35 | down | 4.02E-01 | 9.95E-01 | - |
| 1370972_x1 | Rt1-CE5 | Rt1 class I, CE5 | 309607 | Rn_4847 | BID0997 | 5.84 | 5.20 | 5.21 | 5.26 | 4.66 | 5.05 | 1.35 | down | 1.96E-01 | 9.95E-01 | - |
| 1390476_at | RhG | RNA-guanyltransferase and 5'-phosphatase | 313131 | Rh_1067 | AA140833 | 6.51 | 5.25 | 6.51 | 5.13 | 5.94 | 6.02 | 1.35 | down | 4.58E-01 | 9.95E-01 | - |
| 1383222_at | --- | --- | --- | Rh_1708 | AA892299 | 2.96 | 2.95 | 3.21 | 2.95 | 2.44 | 2.94 | 1.35 | down | 2.33E-01 | 9.95E-01 | - |
| 1390985_at | --- | --- | --- | Rh_165041 | AA656119 | 6.23 | 7.13 | 7.68 | 6.33 | 6.12 | 7.31 | 1.35 | down | 4.87E-01 | 9.95E-01 | - |
| 1389876_at | --- | --- | --- | Rh_20058 | BE110038 | 3.25 | 3.02 | 4.97 | 4.98 | 5.07 | 4.98 | 1.35 | down | 3.82E-01 | 9.95E-01 | - |
| 1378513_at | Tmem30b | transmembrane protein 30B | 314224 | Rn_37784 | BE110849 | 4.63 | 3.06 | 2.67 | 3.06 | 3.00 | 2.93 | 1.35 | down | 5.30E-01 | 9.95E-01 | - |
| 1388335_at | Tragap2 | trigargin 2 | 304683 | Rn_104499 | BID26585 | 5.02 | 4.51 | 4.00 | 5.16 | 5.22 | 4.34 | 1.35 | up | 3.41E-01 | 9.95E-01 | - |
| 1377297_at | Mars2 | methionyl-tRNA synthetase 2, mitochondrial | 316403 | Rn_9155 | AA576773 | 5.05 | 5.01 | 6.16 | 5.08 | 5.07 | 4.81 | 1.35 | down | 3.25E-01 | 9.95E-01 | - |
| 1388638_at | SirB | SirBun p1 (silent mating type information regulation 2, homolog) 6 (S. cerevisiae) | 299638 | Rn_8108 | AW525725 | 3.01 | 3.10 | 2.91 | 4.49 | 2.81 | 3.00 | 1.35 | up | 4.69E-01 | 9.95E-01 | - |
| 1382372_at | --- | --- | --- | Rn_37924 | AS17469 | 2.48 | 3.13 | 2.65 | 2.56 | 3.26 | 3.65 | 1.35 | down | 3.28E-01 | 9.95E-01 | - |
| 1399102_at | Slic3a10 | solute carrier family 38, member 10 | 303740 | Rn_18664 | BG377901 | 5.99 | 5.85 | 4.45 | 5.01 | 6.03 | 6.54 | 1.34 | down | 5.59E-01 | 9.95E-01 | - |
| 1378683_at | --- | --- | --- | Rh_17857 | A1175083 | 5.90 | 4.75 | 4.97 | 4.82 | 4.17 | 5.34 | 1.34 | down | 4.31E-01 | 9.95E-01 | - |
| 1372922_at | --- | --- | --- | Rh_11799 | BID26585 | 7.86 | 6.01 | 7.64 | 7.81 | 7.99 | 8.78 | 1.34 | down | 2.47E-01 | 9.95E-01 | - |
| 1389807_at | Scamp5 | secretory carrier membrane protein 5 | 65171 | Rn_24420 | NM_031728 | 2.91 | 3.48 | 4.11 | 3.05 | 3.10 | 3.07 | 1.34 | down | 2.86E-01 | 9.95E-01 | - |
| 1390447_at | --- | --- | --- | Rh_41181 | BG578174 | 3.80 | 3.59 | 5.54 | 3.80 | 2.98 | 3.47 | 1.34 | down | 3.84E-01 | 9.95E-01 | - |
| 1389979_at | Tnpo3 | transcriptin 3 | 296954 | Rn_164482 | BIZ74235 | 4.55 | 4.64 | 5.62 | 4.61 | 4.53 | 4.40 | 1.34 | down | 2.86E-01 | 9.95E-01 | - |
| 1385853_at | Bac1a | bromodomain adjacent to zinc finger domain, 1A | 314126 | Rn_1864 | BF56180 | 2.87 | 3.21 | 2.66 | 3.05 | 3.10 | 3.88 | 1.34 | up | 2.42E-01 | 9.95E-01 | - |
| 1389212_at | Mmr1 | hydroxylase related protein 1 | 317296 | Rn_18311 | AQ02974 | 4.74 | 5.54 | 5.17 | 5.73 | 5.52 | 5.50 | 1.34 | up | 1.53E-01 | 9.95E-01 | - |
| 1389021_at | Arsn1d | arsenite sulphite transferase domain containing 1 | 295507 | Rn_43900 | BF248746 | 5.87 | 7.21 | 2.00 | 6.82 | 6.38 | 7.16 | 1.34 | up | 4.27E-01 | 9.95E-01 | - |
| 1378638_at | B3gn2 | UDP-GlcNAc:beta-Gal beta-1-3-N-acetylglucosaminyltransferase 2 | 305571 | Rn_205472 | BF393884 | 3.70 | 3.16 | 2.67 | 3.89 | 3.12 | 2.89 | 1.34 | down | 4.77E-01 | 9.95E-01 | - |
| 1384791_at | Cop4 | COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis) | 360915 | Rn_11970 | BE11079 | 5.12 | 4.24 | 3.34 | 2.92 | 4.41 | 4.94 | 1.34 | down | 5.66E-01 | 9.95E-01 | - |
| 1390519_at | Ubp2p1 | ubiquitin-conjugating enzyme E2G 2, male-enriched antigen 1 | 685131 | Rn_95299 | A1179127 | 10.10 | 9.90 | 9.68 | 10.28 | 10.55 | 10.13 | 1.34 | up | 6.89E-02 | 9.95E-01 | - |
| 1383588_at | Com1 | catechol-O-methyltransferase domain containing 1 | 305685 | Rn_38717 | A1179025 | 2.38 | 2.37 | 2.40 | 2.38 | 3.68 | 2.37 | 1.34 | up | 3.84E-01 | 9.95E-01 | - |
| 1379796_at | Meaf1 | meaf1 | 305145 | Rn_11799 | BID26585 | 7.86 | 6.01 | 7.64 | 7.81 | 7.99 | 8.78 | 1.34 | down | 2.47E-01 | 9.95E-01 | - |
| 1383193_at | Nckap1 | NCK-associated protein 1 | 58823 | Rn_2611 | BM383722 | 7.95 | 8.30 | 8.43 | 8.34 | 8.78 | 8.85 | 1.34 | up | 1.18E-01 | 9.95E-01 | - |
| 1381996_at | Adfp1 | activating transcription factor 7 interacting protein | 312800 | Rn_98469 | BF393884 | 2.50 | 2.49 | 2.54 | 3.82 | 2.51 | 2.48 | 1.34 | up | 3.90E-01 | 9.95E-01 | - |
| 1383919_at | --- | --- | --- | Rh_166309 | BF584878 | 4.64 | 5.21 | 3.94 | 3.66 | 4.72 | 4.13 | 1.34 | down | 4.23E-01 | 9.95E-01 | - |
| 1378844_at | Sox | sox | 21852 | Rn_56926 | AA59656 | 5.92 | 6.87 | 6.50 | 6.50 | 6.87 | 6.42 | 1.34 | down | 3.08E-01 | 9.95E-01 | - |
| 1390507_at | Mor41 | morality factor 4 like 1 | 300891 | Rn_156201 | BE109808 | 9.06 | 9.45 | 9.08 | 9.52 | 9.12 | 10.23 | 1.34 | up | 2.87E-01 | 9.95E-01 | - |
| 1384640_x1 | Ar1a | AR1 homolog A, N-acetyltransferase (S. cerevisiae) | 363518 | Rn_12081 | AA691734 | 5.01 | 5.35 | 5.42 | 4.93 | 6.36 | 5.77 | 1.34 | up | 3.80E-01 | 9.95E-01 | - |
| 1378643_at | Hox10 | homeobox C10 | 315338 | Rn_58550 | BF396205 | 3.08 | 2.44 | 3.13 | 2.59 | 2.46 | 3.32 | 1.34 | down | 4.89E-01 | 9.95E-01 | - |
| 1381113_at | Lncfb | lincRNA ribop repeat containing 8 family, member B | 301345 | Rn_178093 | BE101688 | 5.62 | 4.98 | 5.12 | 4.12 | 4.68 | 5.34 | 1.34 | down | 2.93E-01 | 9.95E-01 | - |
| 1373243_at | --- | --- | --- | Rn_28934 | AA103282 | 2.49 | 3.29 | 2.50 | 3.14 | 3.95 | 2.58 | 1.34 | down | 4.40E-01 | 9.95E-01 | - |
| 1375406_x1 | --- | --- | --- | Rn_20445 | BF147922 | 6.85 | 7.35 | 7.67 | 7.24 | 6.08 | 7.17 | 1.34 | down | 3.90E-01 | 9.95E-01 | - |
| 1383033_at | --- | --- | --- | Rn_145123 | BE101688 | 3.96 | 2.96 | 2.97 | 2.96 | 3.09 | 3.19 | 1.34 | down | 3.12E-01 | 9.95E-01 | - |
| 1397888_at | --- | --- | --- | Rn_176532 | BM383722 | 4.41 | 5.47 | 5.38 | 4.69 | 5.00 | 6.04 | 1.34 | down | 4.71E-01 | 9.95E-01 | - |
| 1389139_at | Tlc15 | telitricopeptide repeat domain 15 | 314013 | Rn_104175 | BE366097 | 6.71 | 6.20 | 7.51 | 6.91 | 6.65 | 6.91 | 1.34 | down | 4.16E-01 | 9.95E-01 | - |
| 1389139_at | --- | --- | --- | Rn_16604 | AA819086 | 3.22 | 3.48 | 3.41 | 3.50 | 2.94 | 3.49 | 1.34 | down | 2.89E-01 | 9.95E-01 | - |
| 1387286_at | --- | --- | --- | Rn_205869 | AA59656 | 3.84 | 4.02 | 4.07 | 3.45 | 4.08 | 4.32 | 1.34 | down | 3.14E-01 | 9.95E-01 | - |
| 1387730_at | Paab8 | paired box 8 | 81819 | Rn_10392 | NM_031141 | 5.79 | 5.87 | 5.94 | 5.07 | 5.96 | 5.29 | 1.34 | down | 1.93E-01 | 9.95E-01 | - |
| 1394460_at | --- | --- | --- | Rn_40064 | BF564428 | 3.80 | 4.31 | 3.87 | 3.82 | 3.60 | 4.29 | 1.34 | down | 6.09E-02 | 9.95E-01 | - |
| 1391112_at | Ar10a | AT rich interactive domain 4A (Rbop1 like) | 314205 | Rn_100693 | AW502605 | 2.35 | 3.09 | 3.69 | 3.69 | 3.69 | 3.18 | 1.34 | down | 5.23E-01 | 9.95E-01 | - |
| 1389719_at | --- | --- | --- | Rn_131871 | BF398956 | 4.54 | 3.02 | 2.83 | 3.60 | 2.79 | 2.72 | 1.34 | down | 5.23E-01 | 9.95E-01 | - |
| 1388727_at | Cop9 | COP9 constitutive photomorphogenic homolog subunit 9 | 360915 | Rn_11970 | BE11079 | 5.12 | 4.24 | 3.34 | 2.92 | 4.41 | 4.94 | 1.34 | down | 5.66E-01 | 9.95E-01 | - |
| 1388683_at | Lsm1d | LSM domain containing 1 | 287429 | Rn_2677 | AA117174 | 8.50 | 8.43 | 7.45 | 8.18 | 8.64 | 8.82 | 1.34 | up | 3.36E-01 | 9.95E-01 | - |
| 1371673_at | Vps72 | vacuolar protein sorting 72 homolog (S. cerevisiae) | 310661 | Rn_1896 | AA113005 | 2.67 | 4.25 | 2.89 | 3.14 | 4.55 | 3.19 | 1.34 | up | 5.70E-01 | 9.95E-01 | - |
| 1389347_at | --- | --- | --- | Rn_259347 | AA113005 | 2.90 | 4.45 | 3.63 | 3.63 | 4.45 | 3.63 | 1.34 | up | 5.41E-01 | 9.95E-01 | - |
| 1379525_at | Crls1 | cardiolipin synthase 1 | 366196 | Rn_35982 | BF585914 | 7.85 | 8.61 | 8.37 | 8.81 | 8.29 | 9.02 | 1.34 | up | 2.46E-01 | 9.95E-01 | - |
| 1382286_at | --- | --- | --- | Rn_125958 | BF420742 | 4.96 | 5.16 | 4.84 | 5.35 | 5.20 | 5.48 | 1.34 | up | 7.60E-02 | 9.95E-01 | - |
| 1384326_at | --- | --- | --- | Rn_220192 | BF504403 | 7.77 | 8.10 | 7.88 | 7.88 | 7.50 | 8.35 | 1.34 | down | 6.15E-01 | 9.95E-01 | - |
| 1379051_at | Ppsp2b | phosphatidic acid phosphatase type 2B | 192270 | Rn_12038 | Y07783 | 2.47 | 2.46 | 2.48 | 2.46 | 3.76 | 2.46 | 1.34 | up | 3.80E-01 | 9.95E-01 | - |
| 1384295_at | Hsp110 | heat shock protein 110 | 307133 | Rn_13792 | BE101688 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 1.34 | down | 3.14E-01 | 9.95E-01 | - |
| 1372906_at | LOC83819 | similar to hypothetical protein MCC4841; similar to hypothetical protein MCC4841; similar to hypothetical protein MCC4841 | 295930 | Rn_154938 | AW008796 | 3.39 | 4.04 | 3.69 | 3.37 | 4.46 | 4.57 | 1.34 | up | 3.76E-01 | 9.95E-01 | - |
| 1390789_at | Acad11 | acyl-Coenzyme A dehydrogenase family, member 11 | 315973 | Rn_8651 | BID26437 | 7.51 | 7.78 | 7.70 | 8.35 | 7.62 | 7.79 | 1.34 | up | 1.17E-01 | 9.95E-01 | - |
| 1381565_at | Ccm | CCM | 314855 | Rn_23887 | A1101419 | 2.45 | 2.44 | 2.44 | 2.44 | 2.44 | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/Abouse | Residual | Unpaired t-Test vs C1a (log2) | REG | MTC | |
|------------|-------------|---|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------------------|----------|-----|---|
| | | | | | | SEPS (C1) | SEPS (C2) | SEPS (C3) | SEPS (C4) | SEPS (C5) | SEPS (C6) | | | | | | |
| 1393652_at | Zub1 | zinc finger and BTB domain containing 1 | 314246 | Rn.210488 | BF39438 | 5.44 | 5.35 | 5.76 | 4.64 | 4.86 | 5.80 | 1.34 | down | 3.28E-01 | 9.95E-01 | - | - |
| 1393654_at | Rbms25 | ribosomal protein L24 | 64307 | Rn.92208 | BQ29704 | 8.90 | 9.49 | 9.07 | 9.29 | 9.09 | 9.44 | 1.34 | up | 1.51E-01 | 9.95E-01 | - | - |
| 1393655_at | C24 | Cen-B (murine) centromeric retroviral transforming sequence | 302985 | Rn.32589 | AF116894 | 3.52 | 3.46 | 2.91 | 3.52 | 2.43 | 2.93 | 1.34 | down | 3.81E-01 | 9.95E-01 | - | - |
| 1393656_at | Znf503 | zinc finger protein 503 | 193419 | Rn.169088 | A007192 | 2.46 | 2.42 | 3.72 | 2.45 | 2.47 | 2.84 | 1.34 | down | 3.18E-01 | 9.95E-01 | - | - |
| 1393657_at | R250 | ribosomal protein R250 | 303569 | Rn.46367 | AF04857 | 4.26 | 4.26 | 4.26 | 4.26 | 4.26 | 4.26 | 1.34 | down | 6.16E-01 | 9.95E-01 | - | - |
| 1393658_at | Znf318 | zinc finger protein 318 | 193419 | Rn.145922 | AW16753 | 6.01 | 6.24 | 5.71 | 5.85 | 5.94 | 5.81 | 1.34 | down | 3.00E-01 | 9.95E-01 | - | - |
| 1393659_at | Kif93 | kinesin-associated protein 93 | 289168 | Rn.163229 | A027800 | 5.79 | 6.15 | 5.66 | 5.71 | 6.51 | 6.64 | 1.34 | up | 2.68E-01 | 9.95E-01 | - | - |
| 1393660_at | Fam1041 | family with sequence similarity 108, member A1 | 259917 | Rn.157172 | BM38403 | 6.51 | 6.57 | 6.59 | 6.59 | 6.59 | 6.59 | 1.34 | down | 6.16E-01 | 9.95E-01 | - | - |
| 1393661_at | Wbp4 | WW domain binding protein 4 (formin binding protein 2) | 114765 | Rn.163280 | BF54739 | 7.14 | 7.74 | 7.15 | 6.38 | 6.77 | 6.71 | 1.34 | down | 3.71E-01 | 9.95E-01 | - | - |
| 1393662_at | Nkx2 | Nkx homeobox 2 | 302985 | Rn.46367 | AF116894 | 3.52 | 3.46 | 2.91 | 3.52 | 2.43 | 2.93 | 1.34 | down | 1.73E-01 | 9.95E-01 | - | - |
| 1393663_at | Nkx3 | Nkx homeobox 3 | 306576 | Rn.45730 | AW52175 | 2.55 | 3.74 | 5.98 | 3.70 | 2.44 | 4.85 | 1.34 | down | 7.48E-01 | 9.95E-01 | - | - |
| 1393664_at | Ank4 | ankyrin repeat domain 49 | 315434 | Rn.15208 | BQ29887 | 5.00 | 4.67 | 4.17 | 4.66 | 5.89 | 4.54 | 1.34 | up | 4.47E-01 | 9.95E-01 | - | - |
| 1393665_at | Mbn2 | muscleblind-like 2 | 690445 | Rn.1540 | A178669 | 7.80 | 7.89 | 8.34 | 8.43 | 7.98 | 8.97 | 1.34 | up | 2.43E-01 | 9.95E-01 | - | - |
| 1393666_at | Gank | cyclin G associated kinase | 81659 | Rn.11012 | NM_031030 | 8.36 | 7.79 | 8.28 | 7.90 | 7.28 | 7.99 | 1.34 | down | 2.17E-01 | 9.95E-01 | - | - |
| 1393667_at | Sncp2 | Small nuclear RNA activating complex, polypeptide 2 | 691501 | Rn.47597 | AW51791 | 8.22 | 8.61 | 8.62 | 8.89 | 8.70 | 9.11 | 1.34 | up | 7.54E-02 | 9.95E-01 | - | - |
| 1393668_at | Cntp | CaMKII response element modulator | 105202 | Rn.105202 | AW52468 | 4.29 | 3.12 | 3.05 | 2.89 | 2.94 | 3.40 | 1.34 | down | 2.88E-01 | 9.95E-01 | - | - |
| 1393669_at | RGD1307071 | similar to uncharacterized hypothalamic protein HT013 | 311502 | Rn.23999 | A112958 | 4.38 | 4.59 | 4.18 | 4.02 | 3.35 | 4.54 | 1.34 | down | 3.18E-01 | 9.95E-01 | - | - |
| 1393670_at | Phospho1 | phosphatase, orphan 1 | 287044 | Rn.162166 | A112854 | 2.69 | 2.40 | 2.97 | 2.83 | 2.69 | 2.82 | 1.34 | up | 2.01E-01 | 9.95E-01 | - | - |
| 1393671_at | Sncp2 | Small nuclear RNA activating complex, polypeptide 2 | 362819 | Rn.15106 | BQ29812 | 8.58 | 8.72 | 8.88 | 8.14 | 6.77 | 8.02 | 1.34 | down | 1.62E-01 | 9.95E-01 | - | - |
| 1393672_at | Rps8 | ribosomal protein S8 | 65136 | Rn.3198 | NM_031076 | 11.14 | 11.49 | 11.32 | 11.69 | 11.52 | 11.98 | 1.34 | up | 6.92E-02 | 9.95E-01 | - | - |
| 1393673_at | --- | --- | --- | Rn.30098 | AD10439 | 4.66 | 5.47 | 5.44 | 5.09 | 5.90 | 5.83 | 1.34 | up | 3.24E-01 | 9.95E-01 | - | - |
| 1393674_at | --- | --- | --- | Rn.19992 | BF28379 | 5.32 | 5.26 | 4.08 | 5.13 | 5.59 | 5.17 | 1.34 | up | 3.82E-01 | 9.95E-01 | - | - |
| 1393675_at | --- | --- | --- | Rn.166286 | AD05752 | 2.46 | 2.45 | 2.47 | 3.72 | 2.46 | 2.44 | 1.34 | up | 3.78E-01 | 9.95E-01 | - | - |
| 1393676_at | --- | --- | --- | Rn.159433 | BM38557 | 3.24 | 3.21 | 3.26 | 3.21 | 4.05 | 3.16 | 1.34 | up | 4.98E-01 | 9.95E-01 | - | - |
| 1393677_at | --- | --- | --- | --- | BQ29253 | 7.96 | 6.36 | 7.90 | 7.27 | 6.91 | 6.78 | 1.34 | down | 4.97E-01 | 9.95E-01 | - | - |
| 1393678_at | --- | --- | --- | --- | NM_031076 | 6.12 | 6.09 | 5.26 | 6.36 | 6.29 | 6.06 | 1.34 | up | 2.34E-01 | 9.95E-01 | - | - |
| 1393679_at | Prkai1 | protein kinase, AMP-activated, beta 1 non-catalytic subunit | 82803 | Rn.36519 | AW15843 | 7.67 | 8.32 | 8.29 | 7.13 | 7.90 | 8.00 | 1.34 | down | 2.93E-01 | 9.95E-01 | - | - |
| 1393680_at | Cacybp | cystatin binding protein | 289144 | Rn.11540 | AW15843 | 7.67 | 8.32 | 8.29 | 7.13 | 7.90 | 8.00 | 1.34 | down | 2.93E-01 | 9.95E-01 | - | - |
| 1393681_at | LOC687516 | similar to zinc finger protein 146 | 687516 | Rn.138993 | BQ29193 | 5.44 | 6.24 | 6.38 | 6.15 | 6.33 | 6.81 | 1.33 | up | 2.99E-01 | 9.95E-01 | - | - |
| 1393682_at | Fg111 | FGF like 1 (S. cerevisiae) | 293682 | Rn.134218 | BQ29889 | 4.31 | 4.78 | 5.94 | 6.19 | 5.25 | 4.85 | 1.33 | up | 5.43E-01 | 9.95E-01 | - | - |
| 1393683_at | Jarid1a | Jarid1a AT rich interactive domain 1A (Rb26 like) | 312678 | Rn.134218 | BQ29889 | 4.31 | 4.78 | 5.94 | 6.19 | 5.25 | 4.85 | 1.33 | up | 5.43E-01 | 9.95E-01 | - | - |
| 1393684_at | LOC111026 | similar to hMDA170 protein | 310226 | Rn.91953 | BF398272 | 3.80 | 2.55 | 2.60 | 2.52 | 2.64 | 2.53 | 1.33 | down | 3.67E-01 | 9.95E-01 | - | - |
| 1393685_at | Pik4 | Pi3K protein (Cdk24) related kinase 4 | 302985 | Rn.46367 | BQ29704 | 8.90 | 9.49 | 9.07 | 9.29 | 9.09 | 9.44 | 1.34 | up | 1.51E-01 | 9.95E-01 | - | - |
| 1393686_at | Arl19 | Arp190 reduce family 1, member C19 | 307096 | Rn.206655 | BF56188 | 4.59 | 5.35 | 4.84 | 4.45 | 4.84 | 4.24 | 1.33 | down | 2.15E-01 | 9.95E-01 | - | - |
| 1393687_at | Sic1 | Sic1 domain containing ribonucleoprotein | 303569 | Rn.46367 | AF116894 | 3.52 | 3.46 | 2.91 | 3.52 | 2.43 | 2.93 | 1.34 | down | 3.81E-01 | 9.95E-01 | - | - |
| 1393688_at | Pamf9 | proteasome, proteasome, macrocyclic subunit, beta type 9 (large multifunctional wiggles-type MPMV integration site family member 9) | 24967 | Rn.13688 | AI95950 | 2.62 | 3.09 | 3.10 | 2.94 | 3.20 | 3.92 | 1.33 | up | 2.79E-01 | 9.95E-01 | - | - |
| 1393689_at | Wnt5a | wingless-type MPMV integration site family type 5A | 64566 | Rn.48749 | NM_02281 | 6.27 | 6.83 | 6.41 | 6.51 | 6.83 | 7.41 | 1.33 | up | 2.53E-01 | 9.95E-01 | - | - |
| 1393690_at | Suv17 | Suv17 | 282817 | Rn.45426 | AF24698 | 4.29 | 3.12 | 3.05 | 2.89 | 2.94 | 3.40 | 1.34 | down | 2.88E-01 | 9.95E-01 | - | - |
| 1393691_at | Cacybp | cystatin binding protein | 289144 | Rn.11540 | AW15843 | 7.67 | 8.32 | 8.29 | 7.13 | 7.90 | 8.00 | 1.34 | down | 2.93E-01 | 9.95E-01 | - | - |
| 1393692_at | Hvnpd | heterogeneous nuclear ribonucleoprotein D | 79256 | Rn.94022 | AD04616 | 8.13 | 8.84 | 9.38 | 8.83 | 9.09 | 9.55 | 1.33 | up | 3.60E-01 | 9.95E-01 | - | - |
| 1393693_at | Rp24 | regulator of G-protein signaling 2 | 84583 | Rn.1892 | AY043246 | 4.37 | 4.35 | 3.67 | 4.74 | 4.61 | 4.29 | 1.33 | up | 1.94E-01 | 9.95E-01 | - | - |
| 1393694_at | RGD115052 | similar to ribonucleoprotein MGC33890 | 300306 | Rn.14137 | BQ29879 | 6.81 | 6.79 | 5.11 | 6.10 | 5.75 | 6.09 | 1.34 | up | 2.67E-01 | 9.95E-01 | - | - |
| 1393695_at | Rpl7 | Ribosomal protein L7 | 297755 | Rn.129121 | BM38819 | 8.02 | 8.25 | 8.29 | 8.50 | 8.35 | 8.95 | 1.33 | up | 1.09E-01 | 9.95E-01 | - | - |
| 1393696_at | Dck3 | dephosphorylating kinase 3 | 310223 | Rn.93138 | AW52479 | 4.42 | 4.63 | 5.28 | 4.87 | 5.62 | 5.09 | 1.33 | up | 3.81E-01 | 9.95E-01 | - | - |
| 1393697_at | Hsd1c1 | Hsd1c1 | 297893 | Rn.87983 | A116239 | 5.15 | 4.95 | 3.98 | 4.93 | 4.83 | 4.92 | 1.33 | down | 3.48E-01 | 9.95E-01 | - | - |
| 1393698_at | Moc3 | mycobactin CoA epimerase | 293829 | Rn.3420 | BG37980 | 8.27 | 7.42 | 6.88 | 8.89 | 7.37 | 7.02 | 1.33 | down | 3.87E-01 | 9.95E-01 | - | - |
| 1393699_at | H61137946 | similar to hydrolyzed alanine-rich C-kinase substrate (MARCKS) (ACAMP4) | 303259 | Rn.3259 | BM38557 | 3.24 | 3.21 | 3.26 | 3.21 | 4.05 | 3.16 | 1.34 | up | 4.98E-01 | 9.95E-01 | - | - |
| 1393700_at | RGD156131 | similar to KIAA2022 protein | 302396 | Rn.62924 | BF41137 | 2.70 | 2.65 | 4.18 | 3.06 | 2.72 | 2.50 | 1.33 | down | 4.74E-01 | 9.95E-01 | - | - |
| 1393701_at | --- | --- | --- | Rn.171485 | AW197627 | 5.31 | 5.40 | 4.80 | 5.44 | 5.32 | 5.81 | 1.33 | up | 2.31E-01 | 9.95E-01 | - | - |
| 1393702_at | --- | --- | --- | Rn.144137 | AF64926 | 2.79 | 2.93 | 2.90 | 3.29 | 3.24 | 3.05 | 1.33 | up | 3.42E-01 | 9.95E-01 | - | - |
| 1393703_at | Atg2a | ATG2 autophagy related 2 (S. cerevisiae) | 698888 | Rn.16248 | AA98879 | 3.35 | 3.65 | 3.39 | 3.31 | 3.80 | 3.04 | 1.33 | down | 3.38E-01 | 9.95E-01 | - | - |
| 1393704_at | --- | --- | --- | Rn.227 | BF47635 | 2.75 | 2.70 | 2.67 | 2.67 | 2.67 | 2.67 | 1.33 | up | 1.68E-01 | 9.95E-01 | - | - |
| 1393705_at | RGD1311745 | similar to RIKEN cDNA 1110095G10 | 301079 | Rn.16180 | BF46359 | 4.74 | 3.37 | 4.60 | 5.24 | 5.01 | 5.71 | 1.33 | up | 2.68E-01 | 9.95E-01 | - | - |
| 1393706_at | RGD131061 | similar to hypothetical protein MGC20460 | 362297 | Rn.198102 | AA98811 | 6.33 | 5.47 | 5.06 | 5.22 | 5.17 | 5.22 | 1.33 | down | 3.13E-01 | 9.95E-01 | - | - |
| 1393707_at | LOC687516 | similar to Mtap46-pending protein // similar to missplicing-like kinase 1 isoform 303259 | 303259 | Rn.3259 | BQ29879 | 6.12 | 6.09 | 5.26 | 6.36 | 6.29 | 6.06 | 1.34 | up | 2.34E-01 | 9.95E-01 | - | - |
| 1393708_at | --- | --- | --- | Rn.3511 | BM86552 | 9.22 | 9.98 | 9.51 | 10.10 | 9.83 | 10.05 | 1.33 | up | 1.59E-01 | 9.95E-01 | - | - |
| 1393709_at | Gar | glutathione reductase | 116686 | Rn.19721 | NM_033906 | 5.41 | 5.05 | 5.44 | 5.42 | 4.02 | 5.22 | 1.33 | down | 4.10E-01 | 9.95E-01 | - | - |
| 1393710_at | Hlx3 | Hlx3 helix-loop-helix protein 3 | 151528 | Rn.151528 | BQ17145 | 2.40 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 1.33 | down | 2.43E-01 | 9.95E-01 | - | - |
| 1393711_at | 1393709 | --- | --- | Rn.147170 | A072437 | 4.19 | 3.86 | 3.87 | 3.74 | 3.76 | 3.18 | 1.33 | down | 1.31E-01 | 9.95E-01 | - | - |
| 1393712_at | 1393709 | --- | --- | Rn.169151 | AF48222 | 5.46 | 5.65 | 5.46 | 5.46 | 5.46 | 5.46 | 1.33 | up | 3.36E-01 | 9.95E-01 | - | - |
| 1393713_at | 1393709 | --- | --- | Rn.169113 | AF48222 | 2.97 | 2.97 | 2.97 | 2.97 | 3.07 | 2.94 | 1.33 | up | 2.47E-01 | 9.95E-01 | - | - |
| 1393714_at | 1393709 | --- | --- | Rn.169113 | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MS/MS | Resonance | Unpaired t-test (vs. CH) (p-values) | REG | MTC |
|------------|-------------|---|------------------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------------------------------------|----------|-----|
| | | | | | | SEPS (CH) | SEPA (CH) | SEPI (CH) | SEPF (CH) | SEPG (CH) | SEPH (CH) | | | | | |
| 138019_at | --- | --- | --- | --- | --- | 5.29 | 5.60 | 5.41 | 4.70 | 5.60 | 5.72 | 1.33 | down | 4.15E-01 | --- | --- |
| 1373790_at | Car14 | carboxyl hydrolase 14 | 791259 | Rn.201762 | AD045400 | 4.14 | 3.89 | 3.61 | 3.37 | 4.47 | 5.02 | 1.33 | up | 4.66E-01 | 9.95E-01 | --- |
| 1373690_at | Glow | glow domain and KOW motifs | 679669 | Rn.141789 | BT078727 | 6.66 | 6.69 | 6.40 | 6.43 | 6.43 | 7.74 | 1.33 | down | 4.72E-01 | 9.95E-01 | --- |
| 138171_at | --- | --- | --- | --- | --- | 3.29 | 3.06 | 2.80 | 6.25 | 6.07 | 4.33 | 1.33 | up | 7.32E-01 | 9.14E-01 | --- |
| 1373803_at | Ghr | growth hormone receptor | 2180 | Rn.1178 | U12900 | 6.30 | 6.26 | 6.05 | 5.90 | 6.26 | 6.42 | 1.33 | down | 4.02E-01 | 9.95E-01 | --- |
| 1391295_at | --- | --- | --- | --- | --- | 2.44 | 2.39 | 3.64 | 2.41 | 2.49 | 2.26 | 1.33 | down | 3.77E-01 | 9.95E-01 | --- |
| 138181_at | Dna9 | DnaJ (Hsp40) homolog, subfamily C, member 9 | 362420 | Rn.104522 | A1709497 | 8.89 | 8.84 | 8.23 | 8.11 | 7.94 | 8.27 | 1.33 | down | 1.33E-01 | 9.95E-01 | --- |
| 138182_at | Cs1 | C protein pathway suppressor 1 | 817039 | Rn.160873 | NM_005683 | 6.14 | 6.03 | 5.81 | 5.62 | 5.61 | 6.86 | 1.33 | down | 6.86E-01 | 9.95E-01 | --- |
| 138219_at | Tia1 | TIA1 tyrosine granule-associated RNA binding protein | 312510 | Rn.198158 | AB833788 | 3.36 | 3.09 | 2.62 | 2.61 | 2.62 | 2.61 | 1.33 | down | 1.36E-01 | 9.95E-01 | --- |
| 1382197_at | RD156043 | similar to human C/EBP beta protein | 296700 | Rn.104522 | AB033331 | 4.68 | 4.11 | 3.35 | 3.22 | 3.21 | 4.12 | 1.33 | down | 4.86E-01 | 9.95E-01 | --- |
| 137136_at | Ppp1b | protein phosphatase 1B, mammalian independent, beta isoform | 24667 | Rn.4143 | A1271834 | 5.21 | 5.14 | 4.89 | 4.65 | 4.33 | 5.04 | 1.33 | down | 1.48E-01 | 9.95E-01 | --- |
| 1382711_at | Zkscan1 | zinc finger with KRAB and SCAN domains | 498160 | Rn.113295 | AB030337 | 3.48 | 4.47 | 3.60 | 4.33 | 4.57 | 4.88 | 1.33 | up | 2.86E-01 | 9.95E-01 | --- |
| 1380765_at | --- | --- | --- | --- | --- | 3.56 | 2.33 | 2.34 | 2.34 | 2.35 | 2.33 | 1.33 | down | 3.70E-01 | 9.95E-01 | --- |
| 1374071_at | Fam118a | family with sequence similarity 118, member A | 300120 | Rn.36745 | BG670800 | 5.43 | 5.56 | 5.22 | 5.22 | 4.71 | 4.65 | 1.33 | down | 2.90E-01 | 9.95E-01 | --- |
| 1378254_at | --- | --- | --- | --- | --- | 6.52 | 6.19 | 7.48 | 6.25 | 6.29 | 6.43 | 1.33 | down | 3.57E-01 | 9.95E-01 | --- |
| 1383656_at | --- | --- | --- | --- | --- | 7.17 | 6.98 | 8.15 | 7.24 | 6.95 | 6.98 | 1.33 | down | 4.30E-01 | 9.95E-01 | --- |
| 1378554_at | --- | --- | --- | --- | --- | 6.92 | 7.16 | 7.56 | 7.81 | 7.56 | 7.49 | 1.33 | up | 1.25E-01 | 9.95E-01 | --- |
| 1371603_at | Prd13 | pridine rich 3 | 361388 | Rn.9492 | BG193789 | 6.18 | 4.74 | 4.25 | 5.62 | 5.30 | 5.38 | 1.33 | up | 5.25E-01 | 9.95E-01 | --- |
| 1380164_at | Tk2 | thymidine kinase 2, mitochondrial | 219124 | Rn.160594 | H411787 | 4.44 | 4.31 | 4.49 | 5.50 | 4.48 | 4.48 | 1.33 | down | 3.03E-01 | 9.95E-01 | --- |
| 1390467_at | --- | --- | --- | --- | --- | 4.37 | 3.23 | 2.51 | 2.99 | 2.54 | 3.36 | 1.33 | down | 6.13E-01 | 9.95E-01 | --- |
| 1391475_at | Hvopl | homologous nuclear ribonucleoprotein L-like | 311432 | Rn.161003 | A1235307 | 6.30 | 5.71 | 6.85 | 5.62 | 4.76 | 6.27 | 1.33 | down | 4.30E-01 | 9.95E-01 | --- |
| 1383001_at | RD156012 | --- | 500640 | Rn.16708 | A178157 | 2.79 | 2.69 | 3.22 | 3.18 | 3.16 | 3.68 | 1.33 | up | 1.80E-01 | 9.95E-01 | --- |
| 1386954_at | --- | --- | --- | --- | --- | 5.98 | 6.18 | 6.32 | 6.54 | 6.58 | 6.47 | 1.33 | up | 7.62E-03 | 9.95E-01 | --- |
| 1370529_at | Pd1 | phospholipase D1 | 25096 | Rn.11130 | U69500 | 2.90 | 5.04 | 3.09 | 2.60 | 2.70 | 6.91 | 1.32 | down | 2.84E-01 | 9.95E-01 | --- |
| 1379036_at | --- | --- | --- | --- | --- | 6.40 | 5.36 | 5.75 | 5.37 | 5.54 | 5.38 | 1.32 | down | 2.56E-01 | 9.95E-01 | --- |
| 1376934_at | --- | --- | --- | --- | --- | 6.11 | 5.23 | 5.14 | 6.08 | 5.68 | 5.92 | 1.32 | up | 2.84E-01 | 9.95E-01 | --- |
| 1375033_at | Rbks | ribokinase | 362706 | Rn.145214 | A1236809 | 5.46 | 6.27 | 6.85 | 6.14 | 6.54 | 6.88 | 1.32 | down | 7.16E-01 | 9.10E-01 | --- |
| 1375533_at | Vgll4 | vestigial like 4 (Drosophila) | 297523 | Rn.23131 | B1289445 | 4.35 | 5.06 | 5.07 | 5.02 | 5.07 | 5.60 | 1.32 | up | 2.50E-01 | 9.95E-01 | --- |
| 1380074_at | --- | --- | --- | --- | --- | 2.46 | 2.81 | 3.52 | 2.45 | 2.46 | 2.45 | 1.32 | down | 2.88E-01 | 9.95E-01 | --- |
| 1374255_at | --- | --- | --- | --- | --- | 3.46 | 3.30 | 3.53 | 3.36 | 3.43 | 4.72 | 1.32 | up | 4.16E-01 | 9.95E-01 | --- |
| 1382152_at | Kat5b | lysine (K)-specific deacetylase 5B | 304808 | Rn.22698 | A1234336 | 5.87 | 5.79 | 4.86 | 4.84 | 4.62 | 5.44 | 1.32 | down | 4.08E-01 | 9.95E-01 | --- |
| 1380593_at | RD156033 | similar to hypothetical protein LOC284018 isoform b | 498014 | Rn.141969 | BG179849 | 4.03 | 3.84 | 3.32 | 3.95 | 3.27 | 4.69 | 1.32 | down | 4.72E-01 | 9.95E-01 | --- |
| 1372884_at | Snmh | smoothened | 289734 | Rn.40768 | AA145036 | 3.57 | 3.39 | 3.90 | 2.94 | 3.89 | 2.81 | 1.32 | down | 3.30E-01 | 9.95E-01 | --- |
| 1380135_at | Ft1l1 | FT1L1 region gene 1-like | 295114 | Rn.104522 | AB15566 | 5.68 | 5.79 | 5.68 | 5.68 | 5.68 | 6.86 | 1.32 | down | 2.43E-01 | 9.95E-01 | --- |
| 1380263_at | RD156034 | hypothetical LOC305452 | 395452 | Rn.7878 | B1207679 | 3.01 | 4.20 | 2.65 | 5.44 | 2.64 | 3.00 | 1.32 | up | 7.05E-01 | 9.95E-01 | --- |
| 1380106_at | Slt1 | splicing factor 1 | 117855 | Rn.1074 | BF128079 | 5.08 | 6.73 | 4.99 | 4.85 | 5.68 | 5.05 | 1.32 | down | 5.46E-01 | 9.95E-01 | --- |
| 1383225_at | --- | --- | --- | --- | --- | 2.35 | 2.94 | 2.35 | 3.24 | 2.35 | 2.35 | 1.32 | down | 6.82E-01 | 9.95E-01 | --- |
| 1393224_at | --- | --- | --- | --- | --- | 6.38 | 6.99 | 6.64 | 7.24 | 6.91 | 7.09 | 1.32 | up | 1.12E-01 | 9.95E-01 | --- |
| 1386911_at | Clp4 | Clp4 molecule | 21268 | Rn.11130 | U69500 | 6.28 | 6.74 | 6.27 | 2.66 | 2.65 | 2.71 | 1.32 | down | 2.82E-01 | 9.95E-01 | --- |
| 1386643_at | Ppm1a | plasma membrane phosphatase 1 (plasmalin) | 64384 | Rn.17121 | NM_022533 | 10.19 | 10.46 | 9.16 | 10.42 | 10.60 | 10.01 | 1.32 | up | 4.04E-01 | 9.95E-01 | --- |
| 1377273_at | Arp15f1 | Rho guanine nucleotide exchange factor (GEF) 15 protein inhibitor of activated STAT, 1 | 287418 | Rn.206138 | BF139837 | 4.24 | 4.13 | 4.17 | 4.15 | 3.97 | 3.74 | 1.32 | down | 1.31E-01 | 9.95E-01 | --- |
| 1383844_at | Arp15f1 | Rho guanine nucleotide exchange factor (GEF) 15 protein inhibitor of activated STAT, 1 | 287418 | Rn.206138 | B1206896 | 6.53 | 6.03 | 6.13 | 6.03 | 6.03 | 6.03 | 1.32 | down | 2.20E-01 | 9.95E-01 | --- |
| 1382191_at | Pia1 | protein inhibitor of activated STAT, 1 | 300772 | Rn.24369 | A1228448 | 4.79 | 4.15 | 4.09 | 4.24 | 3.67 | 3.91 | 1.32 | down | 2.20E-01 | 9.95E-01 | --- |
| 1380813_at | Mzd2 | multiple PDZ domain containing 2 | 29305 | Rn.6684 | NM_019198 | 4.21 | 4.62 | 5.87 | 5.15 | 4.67 | 5.14 | 1.32 | down | 5.67E-01 | 9.95E-01 | --- |
| 1370728_at | R13d1 | retinoid X receptor, alpha 1 | 319120 | Rn.81120 | R1044251 | 3.19 | 3.17 | 2.89 | 3.19 | 3.17 | 3.13 | 1.32 | down | 2.16E-01 | 9.95E-01 | --- |
| 1371895_at | Clas | cathelin 2 | 225229 | Rn.1475 | AA849399 | 3.70 | 3.11 | 3.73 | 3.11 | 3.12 | 3.08 | 1.32 | down | 1.16E-01 | 9.95E-01 | --- |
| 1383032_at | Anra | G protein-coupled receptor, family C, group 5, member B | 315222 | Rn.20346 | BF128079 | 3.68 | 3.28 | 2.52 | 2.52 | 2.52 | 2.52 | 1.32 | down | 4.02E-01 | 9.95E-01 | --- |
| 1382028_at | Shia3a | shia homolog 3 (Xenopus laevis) | 498356 | Rn.198988 | BF291109 | 3.57 | 3.18 | 3.46 | 3.19 | 3.23 | 2.57 | 1.32 | down | 1.37E-01 | 9.95E-01 | --- |
| 1380926_at | RD156144 | nemo like kinase 3 (similar to nemo like kinase) | 369422 // 497961 | Rn.113544 | A1764477 | 9.37 | 9.43 | 9.37 | 9.37 | 9.23 | 9.36 | 1.32 | down | 3.47E-01 | 9.95E-01 | --- |
| 1380296_at | RD156144 | similar to human SMN2 domain containing protein 1C (SMN2 protein) | 369422 // 497961 | Rn.113544 | A1764477 | 9.37 | 9.43 | 9.37 | 9.37 | 9.23 | 9.36 | 1.32 | down | 3.47E-01 | 9.95E-01 | --- |
| 1380770_at | Atpd4 | ATP binding domain 4 | 362191 | Rn.107116 | AA142660 | 5.45 | 4.12 | 3.19 | 4.26 | 5.43 | 4.29 | 1.32 | up | 6.23E-01 | 9.95E-01 | --- |
| 1380750_at | Pdics | phosphatidylinositol-3-OH kinase catalytic domain, phosphatidylinositol-3-OH kinase class I | 290207 | Rn.104522 | NM_005683 | 8.29 | 8.29 | 8.05 | 10.05 | 10.05 | 10.05 | 1.32 | down | 1.36E-01 | 9.95E-01 | --- |
| 1380744_at | DnaJ1 | DnaJ (Hsp40) homolog, subfamily B, member 11 | 360734 | Rn.14603 | B1206896 | 6.51 | 8.39 | 9.12 | 8.92 | 8.66 | 9.55 | 1.32 | down | 3.21E-01 | 9.95E-01 | --- |
| 1390049_at | Ft1l1 | FT1L1 region gene 1 and a half LIM domain 1 | 25177 | Rn.54261 | B1206896 | 5.44 | 4.16 | 4.19 | 4.55 | 3.40 | 4.62 | 1.32 | down | 5.23E-01 | 9.95E-01 | --- |
| 1392018_at | Cd8b | CD8 beta chain | 288324 | Rn.98524 | BF116852 | 7.44 | 7.17 | 7.42 | 7.17 | 7.42 | 7.17 | 1.32 | down | 2.41E-01 | 9.95E-01 | --- |
| 1378692_at | Ccd84 | colicoid-cold domain containing 84 | 689046 | Rn.154647 | A1058900 | 4.69 | 5.42 | 4.39 | 4.79 | 4.26 | 4.24 | 1.32 | down | 3.20E-01 | 9.95E-01 | --- |
| 1391523_at | --- | --- | --- | --- | --- | 2.80 | 2.37 | 2.40 | 2.37 | 3.56 | 2.84 | 1.32 | up | 3.42E-01 | 9.95E-01 | --- |
| 1383809_at | Tll1 | tubulin tyrosine ligase-like family, member 1 | 362969 | Rn.9535 | AA181942 | 6.23 | 2.80 | 3.84 | 2.80 | 3.84 | 2.80 | 1.32 | down | 2.80E-01 | 9.95E-01 | --- |
| 1375027_at | --- | --- | --- | --- | --- | 7.57 | 7.49 | 7.04 | 6.91 | 7.79 | 7.19 | 1.32 | down | 1.17E-01 | 9.95E-01 | --- |
| 1380249_at | --- | --- | --- | --- | --- | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 1.32 | down | 2.16E-01 | 9.95E-01 | --- |
| 1378955_at | RD151052 | similar to hypothetical protein MGC39960 | 300836 | Rn.23973 | BF420814 | 3.65 | 3.04 | 3.83 | 3.31 | 3.06 | 3.04 | 1.32 | down | 2.21E-01 | 9.95E-01 | --- |
| 1374547_at | Serf2 | small E2F-like factor 2 | 502663 | Rn.10070 | BF128079 | 5.31 | 5.95 | 5.87 | 5.61 | 6.47 | 6.25 | 1.32 | down | 2.86E-01 | 9.95E-01 | --- |
| 1374853_at | Mau1f1 | MTEF domain containing 1 | 103383 | Rn.103383 | AA149801 | 7.09 | 7.99 | 7.99 | 7.29 | 7.72 | 7.41 | 1.32 | down | 3.44E-01 | 9.95E-01 | --- |
| 1388729_at | LOC820058 | similar to nuclear pore with MIF4 domain | 682058 | Rn.175011 | AW529446 | 9.93 | 9.39 | 8.97 | 9.55 | 8.74 | 8.79 | 1.32 | down | 3.05E-01 | 9.95E-01 | --- |
| 1389123_at | --- | --- | --- | --- | --- | 2.36 | 2.67 | 3.26 | 2.36 | 2.37 | 2.35 | 1.32 | down | 2.12E-01 | 9.95E-01 | --- |
| 1378252_at | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/MScore | Residual | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|----------------|---|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-----------|----------|----------------------------------|-----|-----|
| | | | | | | SEFP (Ch1) | SEFP (Ch2) | SEFP (Ch3) | SEFP (Ch4) | SEFP (Ch5) | SEFP (Ch6) | SEFP (Ch7) | SEFP (Ch8) | SEFP (Ch9) | SEFP (Ch10) | | | | | |
| 137885_at | Cbx5 | chromobox homology 5 (HP1 alpha homolog, Drosohila) | 300286 | Rn.101856 | BF398015 | 7.18 | 6.76 | 7.75 | 6.62 | 6.88 | 6.99 | 7.32 | down | 2.66E-01 | 8.95E-01 | | | | | |
| 137886_at | CG9752-PA | | 361201 | Rn.53930 | BE108874 | 8.81 | 9.09 | 8.65 | 8.58 | 8.33 | 8.42 | 1.32 | down | 4.64E-02 | 8.95E-01 | | | | | |
| 138215_at | TruB1 | TruB phosphatidase (psi) synthase homology 1 (E. coli) | 361775 | Rn.24324 | A146625 | 4.17 | 2.69 | 2.66 | 2.67 | 2.66 | 3.01 | 1.32 | down | 4.81E-01 | 8.95E-01 | | | | | |
| 138721_at | Zc1h1 | zinc finger CCHC domain containing 14 | 362539 | Rn.98589 | BE102932 | 7.49 | 6.69 | 6.69 | 6.69 | 6.69 | 7.10 | 1.32 | down | 4.01E-01 | 8.95E-01 | | | | | |
| 1376470_at | Frbp4 | formin binding protein 4 | 311813 | Rn.96846 | BC372703 | 3.74 | 2.48 | 2.53 | 2.49 | 2.51 | 2.57 | 1.32 | down | 3.91E-01 | 8.95E-01 | | | | | |
| 138846_at | --- | --- | --- | --- | BF397834 | 6.39 | 5.97 | 6.28 | 6.00 | 6.92 | 6.88 | 1.32 | up | 2.90E-01 | 8.95E-01 | | | | | |
| 139663_at | --- | --- | --- | --- | Rn.212996 | 2.52 | 2.62 | 2.56 | 2.59 | 2.48 | 2.48 | 1.32 | down | 3.16E-01 | 8.95E-01 | | | | | |
| 1376718_at | Mla1c1 | metallo-beta-lactamase domain containing 1 (lysine mutarotation factor 2) | 303436 | Rn.38393 | AU575121 | 5.09 | 4.07 | 4.09 | 4.76 | 4.59 | 5.72 | 1.32 | up | 4.35E-01 | 8.95E-01 | | | | | |
| 1382271_at | Lmf2 | --- | 315218 | Rn.37733 | AA859930 | 2.84 | 2.93 | 2.94 | 2.94 | 3.74 | 3.21 | 1.32 | up | 1.67E-01 | 8.95E-01 | | | | | |
| 1371030_at | Rpl11 | ribosomal protein L11 | 362631 | Rn.14687 | BI284252 | 10.11 | 10.40 | 10.38 | 10.58 | 10.55 | 10.98 | 1.32 | up | 8.20E-02 | 8.95E-01 | | | | | |
| 1374157_at | Psb4b | phosphoserine 4B_cAMP specific | 24626 | Rn.105788 | AA859930 | 2.84 | 2.93 | 2.94 | 2.94 | 3.74 | 3.21 | 1.32 | up | 1.67E-01 | 8.95E-01 | | | | | |
| 1392891_at | Pds5b | PDS5, regulator of cohesion maintenance, homology B (S. cerevisiae) | 302418 | Rn.105788 | AA859930 | 3.25 | 2.85 | 3.07 | 2.85 | 3.30 | 4.20 | 1.32 | up | 3.94E-01 | 8.95E-01 | | | | | |
| 1395914_at | LOC90372 // UZ | similar to Zinc finger X-linked protein ZCXB (aridic homology 2, Drosohila) | 139489 | Rn.15383 | AA072115 | 3.13 | 3.24 | 4.48 | 3.52 | 3.24 | 2.92 | 1.32 | down | 4.43E-01 | 8.95E-01 | | | | | |
| 1374446_at | Rck | leucine-rich cysteine-rich protein with kazal motifs | 302448 | Rn.72955 | AW523735 | 4.29 | 2.89 | 2.70 | 3.42 | 2.97 | 2.47 | 1.32 | down | 5.65E-01 | 8.95E-01 | | | | | |
| 1368916_at | Ael | argininosuccinate lyase | 59085 | Rn.64591 | NM_021577 | 6.18 | 6.65 | 8.02 | 7.15 | 7.77 | 7.12 | 1.32 | down | 5.38E-01 | 8.95E-01 | | | | | |
| 138271_at | Cod59 | coiled-coil domain containing 59 | 314799 | Rn.47479 | AA81790 | 7.06 | 6.58 | 6.26 | 6.00 | 6.03 | 6.28 | 1.32 | down | 2.87E-01 | 8.95E-01 | | | | | |
| 1384769_at | LOC68356 | similar to zinc finger X-linked protein ZCXB (aridic homology 2, Drosohila) | 68356 | Rn.56570 | A133649 | 5.30 | 5.08 | 4.85 | 4.40 | 4.29 | 5.35 | 1.32 | down | 3.37E-01 | 8.95E-01 | | | | | |
| 1379033_at | --- | --- | --- | --- | Rn.16588 | BI283723 | 4.59 | 4.49 | 4.60 | 4.58 | 4.37 | 1.32 | down | 2.61E-01 | 8.95E-01 | | | | | |
| 1389642_at | Kic1 | lysine-rich coiled-coil 1 | 312437 | Rn.7008 | BI27701 | 6.68 | 6.95 | 6.77 | 7.05 | 6.98 | 7.55 | 1.32 | up | 1.17E-01 | 8.95E-01 | | | | | |
| 1386979_at | Tp01 | developmentally regulated protein TP01 | 302900 | Rn.40499 | NM_133395 | 6.52 | 4.89 | 5.15 | 5.59 | 6.40 | 5.76 | 1.32 | down | 5.21E-01 | 8.95E-01 | | | | | |
| 1388664_at | Scrib | scribbled homolog (Drosophila) | 362938 | Rn.139068 | BI287219 | 3.73 | 3.72 | 3.72 | 3.33 | 3.30 | 3.16 | 1.32 | down | 1.53E-02 | 8.95E-01 | | | | | |
| 1370205_at | --- | --- | --- | --- | Rn.147026 | BI286951 | 3.33 | 3.44 | 2.47 | 3.78 | 3.33 | 3.32 | 1.32 | up | 3.12E-01 | 8.95E-01 | | | | |
| 1385517_at | Gli2 | general transcription factor II | 353256 | Rn.27575 | A175835 | 6.43 | 5.30 | 6.08 | 5.94 | 5.14 | 5.55 | 1.32 | down | 3.83E-01 | 8.95E-01 | | | | | |
| 1378222_at | Alg4d | ATG4 subfamily related 4 homology D (S. cerevisiae) | 666505 | Rn.20243 | BM355942 | 7.63 | 7.55 | 8.09 | 8.23 | 8.38 | 7.86 | 1.32 | up | 1.60E-01 | 8.95E-01 | | | | | |
| 1380275_at | Tspad5 | tetraspanin 5 | 302048 | Rn.96249 | AW523735 | 5.79 | 6.52 | 5.81 | 6.18 | 6.56 | 5.88 | 1.32 | down | 2.22E-01 | 8.95E-01 | | | | | |
| 1375366_at | Pgp | phosphoglucoyltransferase | 287115 | Rn.4311 | BF420564 | 4.43 | 4.84 | 5.80 | 4.88 | 4.37 | 4.64 | 1.32 | down | 4.13E-01 | 8.95E-01 | | | | | |
| 1376416_at | Trapp2 | trafficking protein particle complex 9 | 315066 | Rn.15706 | BI26286 | 4.18 | 3.24 | 3.24 | 2.98 | 3.26 | 3.23 | 1.32 | down | 2.91E-01 | 8.95E-01 | | | | | |
| 1369898_at | Smn2 | SMN2 family member 2 | 11516 | Rn.42998 | AW521447 | 4.79 | 4.26 | 4.58 | 4.28 | 4.66 | 3.92 | 1.32 | down | 3.76E-01 | 8.95E-01 | | | | | |
| 1374632_at | Jumonj | jumonji domain containing 9 | 360665 | Rn.20269 | AU223997 | 4.70 | 5.13 | 5.10 | 4.48 | 3.97 | 4.91 | 1.32 | down | 3.06E-01 | 8.95E-01 | | | | | |
| 1381443_at | Col18a1 | collagen, type XVII, alpha 1 | 62521 | Rn.18209 | BI286951 | 2.52 | 2.32 | 2.35 | 2.32 | 2.35 | 2.31 | 1.32 | down | 3.22E-01 | 8.95E-01 | | | | | |
| 1393000_at | --- | --- | --- | --- | Rn.16421 | AA817969 | 2.91 | 3.76 | 3.77 | 3.76 | 3.76 | 4.10 | 1.32 | up | 2.67E-01 | 8.95E-01 | | | | |
| 1379863_at | Hhd3 | haloacid dehalogenase-like hydrolase domain containing 3 | 668746 | Rn.17699 | BF284337 | 6.55 | 5.77 | 5.77 | 5.81 | 5.43 | 5.67 | 1.32 | down | 2.32E-01 | 8.95E-01 | | | | | |
| 1387145_at | Nob9 | ubiquitin-protein ligase NUB1 | 619221 | Rn.20702 | BI286194 | 5.79 | 5.87 | 5.88 | 5.88 | 6.88 | 6.88 | 1.32 | up | 1.13E-01 | 8.95E-01 | | | | | |
| 1376075_at | Psen1 | presenilin 1 | 29192 | Rn.44440 | BM38544 | 4.78 | 6.87 | 5.84 | 5.11 | 5.78 | 5.42 | 1.32 | down | 5.67E-01 | 8.95E-01 | | | | | |
| 1384293_at | Nco1 | Nco1 domain containing 1 | 54269 | Rn.24588 | AA817969 | 6.77 | 6.71 | 6.71 | 6.71 | 6.71 | 7.43 | 1.32 | up | 5.27E-01 | 8.95E-01 | | | | | |
| 1371651_at | Mpd1 | mannose-P-dolichol utilization defect 1 | 303244 | Rn.17468 | BI281806 | 6.98 | 6.62 | 6.77 | 7.53 | 7.28 | 7.25 | 1.32 | up | 1.78E-01 | 8.95E-01 | | | | | |
| 1393330_at | --- | --- | --- | --- | Rn.137898 | 7.39 | 7.27 | 6.54 | 7.40 | 7.23 | 7.75 | 1.32 | up | 2.67E-01 | 8.95E-01 | | | | | |
| 1378242_at | --- | --- | --- | --- | Rn.13357 | 6.69 | 6.38 | 6.17 | 6.34 | 6.38 | 6.17 | 1.32 | down | 3.16E-01 | 8.95E-01 | | | | | |
| 1388383_at | --- | --- | --- | --- | Rn.84364 | 7.00 | 6.06 | 6.87 | 5.93 | 5.83 | 6.00 | 1.32 | down | 3.27E-01 | 8.95E-01 | | | | | |
| 1371212_at | Hes1 | heparin 1 | 112460 | Rn.37438 | U02215 | 4.13 | 4.40 | 4.90 | 4.94 | 4.84 | 4.42 | 1.32 | up | 2.31E-01 | 8.95E-01 | | | | | |
| 1388262_at | Pop11b | integrator complex subunit 1, regulatory (inhibitor) subunit 1B | 681913 | Rn.21913 | A1160755 | 8.34 | 8.34 | 8.25 | 8.25 | 8.25 | 8.25 | 1.32 | down | 8.01E-01 | 8.95E-01 | | | | | |
| 1370205_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1368637_at | Car4 | carboxylate reductase 4 | 29842 | Rn.51388 | NM_019174 | 7.42 | 5.30 | 5.35 | 7.86 | 7.24 | 6.16 | 1.32 | up | 6.68E-01 | 9.00E-01 | | | | | |
| 1390550_at | AdpA | AdpA domain containing protein MGC17943 (carboxylic anhydride) | 298199 | Rn.101967 | AA874941 | 10.03 | 9.44 | 8.69 | 8.58 | 8.76 | 9.24 | 1.32 | down | 3.90E-01 | 8.95E-01 | | | | | |
| 1374446_at | LOC1308706 | similar to RIKEN cDNA 4921524.17 | 1308706 | Rn.98159 | AA817969 | 5.79 | 6.52 | 5.81 | 6.18 | 6.56 | 5.88 | 1.32 | down | 2.22E-01 | 8.95E-01 | | | | | |
| 1385627_at | --- | --- | --- | --- | Rn.12989 | BF284809 | 6.81 | 6.51 | 7.93 | 6.62 | 6.38 | 7.09 | 1.32 | down | 4.57E-01 | 8.95E-01 | | | | |
| 1383170_at | --- | --- | --- | --- | Rn.26260 | AA817969 | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 6.02 | 1.32 | down | 2.66E-01 | 8.95E-01 | | | | |
| 1374191_at | Rhdh1 | rhodanese domain containing 1 (Drosophila) | 303008 | Rn.6381 | AA856764 | 2.78 | 2.63 | 2.64 | 3.30 | 3.15 | 2.79 | 1.32 | up | 7.02E-02 | 8.95E-01 | | | | | |
| 1372213_at | LOC904004 | similar to hypothetical protein MGC5835 (diacylglycerol kinase, gamma) | 904004 | Rn.22047 | BI286951 | 2.52 | 2.32 | 2.35 | 2.32 | 2.35 | 2.31 | 1.32 | down | 3.22E-01 | 8.95E-01 | | | | | |
| 1382655_at | --- | --- | --- | --- | Rn.10544 | NM_013126 | 3.45 | 2.47 | 2.51 | 2.47 | 2.45 | 2.31 | 1.32 | down | 2.82E-01 | 8.95E-01 | | | | |
| 1397545_at | --- | --- | --- | --- | Rn.92548 | BM386840 | 2.46 | 2.87 | 2.80 | 3.10 | 2.77 | 3.44 | 1.32 | up | 1.65E-01 | 8.95E-01 | | | | |
| 1387192_at | At2p1 | ATPase, Ca ²⁺ -transporting, type 2, member 1 | 170999 | Rn.35875 | NM_131937 | 3.75 | 3.57 | 3.75 | 4.47 | 3.77 | 3.75 | 1.32 | up | 3.71E-01 | 8.95E-01 | | | | | |
| 1388877_at | Ac2p1 | actin, cytoplasmic form 2, zymogen 1 subunit | 65046 | Rn.37868 | NM_022852 | 6.65 | 7.49 | 6.75 | 6.51 | 6.66 | 6.54 | 1.32 | down | 2.16E-01 | 8.95E-01 | | | | | |
| 1382655_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | 8.95E-01 | | | | | |
| 1381616_at | LOC9156325 | similar to hypothetical protein MGC17943 (carboxylic anhydride) | 360616 | Rn.70396 | AA842959 | 6.34 | 6.35 | 6.50 | 6.20 | 6.37 | 7.16 | 1.32 | up | 2.91E-01 | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | | FC/MScore | Residual | Unpaired t-test (vs. Ctrl) (log2) | REG | MTC |
|------------|--------------|---|-----------|------------|-----------|------------------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|-----------|----------|-----------------------------------|-----|-----|
| | | | | | | SEPS (Ctrl) | SEPA (Ctrl) | SEPI (Ctrl) | SEPP (Ctrl) | SEPS (Epi) | SEPA (Epi) | SEPI (Epi) | SEPP (Epi) | SEPS (Cis) | SEPA (Cis) | | | | | |
| 1375251_at | Ctsp1 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phospho | 301056 | Rn.373030 | A1179323 | 3.55 | 2.62 | 3.41 | 2.60 | 5.01 | 2.67 | 1.31 | up | 6.69E-01 | 9.00E-01 | | | | | |
| 1388220_at | LOC102925008 | dykx1a susceptibility 2-like | 100294500 | | | 6.97 | 6.94 | 5.45 | 6.96 | 6.72 | 6.84 | 1.31 | up | 4.86E-01 | 8.95E-01 | | | | | |
| 1387876_at | Stat5b | signal transducer and activator of transcription 5B | 25126 | Rn.54486 | A117826 | 3.96 | 2.84 | 2.79 | 2.78 | 2.62 | 3.03 | 1.31 | down | 3.88E-01 | 8.95E-01 | | | | | |
| 1388325_at | Naf1a1 | dephosphorylation-inducible phosphatase 1 | 301373 | Rn.213733 | A117827 | 7.11 | 6.37 | 6.26 | 6.37 | 6.26 | 6.37 | 1.31 | down | 4.29E-01 | 8.95E-01 | | | | | |
| 1374229_at | Spz2b | signal peptide peptidase-like 2B | 362828 | Rn.18529 | BF411135 | 4.27 | 3.47 | 3.82 | 3.27 | 3.64 | 3.50 | 1.31 | down | 2.06E-01 | 8.95E-01 | | | | | |
| 1389612_at | Ddb1 | damage-specific DNA binding protein 1 | 64470 | Rn.19412 | AJ277077 | 9.16 | 8.10 | 8.48 | 8.29 | 7.93 | 8.35 | 1.31 | down | 3.15E-01 | 8.95E-01 | | | | | |
| 1389798_at | Hps1 | Hermansky-Pudlak syndrome 1 homolog (human) | 114638 | Rn.17691 | AF333328 | 2.94 | 3.51 | 3.14 | 2.93 | 2.98 | 2.92 | 1.31 | down | 1.31E-01 | 8.95E-01 | | | | | |
| 1382811_at | Stn3 | stathmin 3 | 65042 | Rn.173455 | NM_022948 | 4.51 | 2.61 | 2.63 | 3.25 | 3.85 | 3.80 | 1.31 | down | 3.48E-01 | 8.95E-01 | | | | | |
| 1374798_at | Coat7 | coat protein 7 | 19276 | Rn.13808 | A008399 | 4.69 | 4.65 | 5.26 | 5.30 | 5.20 | 5.24 | 1.31 | up | 1.25E-01 | 8.95E-01 | | | | | |
| 1388816_at | Dlg1 | Discs, large homolog 1 (Drosophila) | 25252 | Rn.89331 | A413050 | 7.02 | 6.68 | 7.02 | 6.67 | 6.39 | 6.73 | 1.31 | down | 1.21E-01 | 8.95E-01 | | | | | |
| 1377363_at | Rab25 | RAB25, member RAS oncogene family | 310632 | Rn.7629 | A046581 | 3.64 | 2.53 | 2.48 | 2.55 | 2.44 | 2.52 | 1.31 | down | 3.66E-01 | 8.95E-01 | | | | | |
| 1389212_at | Rab5 | RAB5, member RAS oncogene family 5 | 28856 | Rn.3074 | A006710 | 5.42 | 5.12 | 4.83 | 5.74 | 5.20 | 5.59 | 1.31 | up | 1.76E-01 | 8.95E-01 | | | | | |
| 1388150_at | Cyfr1 | lysine and histidine rich 1 | 24115 | Rn.8511 | J02941 | 2.35 | 2.51 | 2.42 | 3.63 | 2.42 | 2.39 | 1.31 | up | 4.03E-01 | 8.95E-01 | | | | | |
| 1379677_at | Tnfrsf13 | tumor necrosis factor (ligand) superfamily, member 13 | 287437 | Rn.19695 | BF286267 | 4.38 | 4.32 | 3.70 | 3.72 | 3.82 | 3.70 | 1.31 | down | 1.56E-01 | 8.95E-01 | | | | | |
| 1388875_at | Ca1 | CACX finger (PHD domain) | 291440 | Rn.86349 | A4130537 | 3.97 | 4.18 | 3.62 | 3.02 | 4.22 | 3.38 | 1.31 | down | 3.83E-01 | 8.95E-01 | | | | | |
| 1375552_at | Spz2 | signal recognition particle 2 | 49831 | Rn.141005 | A1171375 | 3.65 | 4.03 | 3.84 | 3.82 | 4.52 | 4.44 | 1.31 | up | 1.94E-01 | 8.95E-01 | | | | | |
| 1388999_at | Stp1 | stress-induced phosphoprotein 1 | 192277 | Rn.22240 | BE117169 | 5.17 | 4.54 | 5.42 | 4.73 | 4.67 | 4.57 | 1.31 | down | 2.25E-01 | 8.95E-01 | | | | | |
| 1394591_at | Zfp207 | zinc finger protein 207 | 303783 | Rn.163156 | A411280 | 7.67 | 7.94 | 8.00 | 7.34 | 7.63 | 7.48 | 1.31 | down | 4.24E-02 | 8.95E-01 | | | | | |
| 1373235_at | Sypa1 | Synapse associated protein 1 | 302678 | Rn.63210 | AB928720 | 5.35 | 5.60 | 5.11 | 5.32 | 6.09 | 5.81 | 1.31 | up | 2.18E-01 | 8.95E-01 | | | | | |
| 1377059_at | Tpsa5 | telaprevir 5 | 362048 | Rn.98240 | BC381571 | 4.77 | 4.60 | 4.81 | 5.70 | 4.72 | 4.92 | 1.31 | up | 2.75E-01 | 8.95E-01 | | | | | |
| 1389150_at | Ipo5 | Importin 5 | 306182 | Rn.23918 | BI082755 | 2.73 | 3.98 | 3.85 | 2.86 | 2.93 | 2.73 | 1.31 | down | 2.34E-01 | 8.95E-01 | | | | | |
| 1388235_at | Prosp1 | proteasome activator complex 1 | 301907 | Rn.19057 | BC069441 | 7.86 | 7.41 | 7.08 | 8.54 | 7.75 | 8.11 | 1.31 | up | 2.46E-01 | 8.95E-01 | | | | | |
| 1388496_at | Pme2 | protease (prosome, macrophin) activator subunit 2 | 29614 | Rn.127779 | NM_017257 | 7.72 | 8.33 | 7.37 | 8.10 | 7.77 | 8.71 | 1.31 | up | 3.87E-01 | 8.95E-01 | | | | | |
| 1387110_at | Ap2c3 | apoptosis factor 3 (A) precursor protein-binding, family B, member 2 | 303333 | Rn.23334 | BC029694 | 6.97 | 6.98 | 3.95 | 3.98 | 4.92 | 3.93 | 1.31 | down | 3.85E-01 | 8.95E-01 | | | | | |
| 1390436_at | Yki1 | yeast Yki1 | 165244 | Rn.165244 | BI030794 | 5.86 | 6.17 | 7.54 | 5.61 | 6.43 | 6.37 | 1.31 | down | 4.41E-01 | 8.95E-01 | | | | | |
| 1391500_at | Cyln1 | cydin 1 | 316452 | Rn.15933 | BF282889 | 8.97 | 9.05 | 8.94 | 8.66 | 8.25 | 8.89 | 1.31 | down | 1.10E-01 | 8.95E-01 | | | | | |
| 1394098_at | Stn1 | STAR-related lipid transfer (START) domain containing 5 | 502348 | Rn.62294 | H35053 | 3.75 | 3.05 | 4.13 | 3.75 | 3.76 | 4.58 | 1.31 | up | 4.10E-01 | 8.95E-01 | | | | | |
| 1393183_at | Cst2d1 | cantharidin palmitoyltransferase 1A, liver | 25757 | Rn.2856 | NM_031559 | 6.68 | 7.06 | 6.44 | 7.20 | 6.77 | 7.26 | 1.31 | down | 1.92E-01 | 8.95E-01 | | | | | |
| 1388736_at | Enp1 | epoxide hydrolase 1, microsomal | 25315 | Rn.3603 | NM_012844 | 6.67 | 7.13 | 6.72 | 7.63 | 6.63 | 7.11 | 1.31 | down | 0.64E-01 | 8.95E-01 | | | | | |
| 1387755_at | Ucp2 | uncoupling protein 2 | 301500 | Rn.23598 | BC032948 | 6.28 | 6.98 | 6.28 | 6.98 | 6.28 | 6.18 | 1.31 | down | 3.84E-01 | 8.95E-01 | | | | | |
| 1387775_at | Enp2 | alpha-methyl-coA carboxylase | 25284 | Rn.2590 | NM_012816 | 10.49 | 10.14 | 10.68 | 10.75 | 10.44 | 10.07 | 1.31 | down | 3.65E-02 | 8.95E-01 | | | | | |
| 1378011_at | Kpn3 | kelch-like 3D (Drosophila) | 316524 | Rn.28015 | BM384812 | 5.73 | 5.78 | 4.27 | 5.75 | 5.59 | 5.59 | 1.31 | up | 4.83E-01 | 8.95E-01 | | | | | |
| 1387229_at | Pinp | pinin-like protein 5 | 305520 | Rn.10988 | NM_031793 | 5.94 | 3.89 | 4.93 | 5.03 | 5.42 | 5.46 | 1.31 | up | 5.01E-01 | 8.95E-01 | | | | | |
| 1378595_at | Taf11 | TAF11, TFIID subunit 4 | 93232 | Rn.33731 | AF120303 | 2.87 | 2.88 | 2.87 | 2.87 | 2.88 | 2.87 | 1.31 | down | 3.84E-01 | 8.95E-01 | | | | | |
| 1377194_at | Cdc30b | colicin domain containing 90B | 308820 | Rn.105643 | BE110741 | 5.62 | 6.08 | 5.81 | 6.30 | 6.29 | 6.06 | 1.31 | down | 6.92E-02 | 8.95E-01 | | | | | |
| 1370216_at | Dd1 | diacylglycerol domain receptor tyrosine kinase 1 | 25678 | Rn.7607 | L28255 | 2.73 | 2.92 | 2.85 | 3.09 | 2.83 | 2.73 | 1.31 | up | 2.34E-01 | 8.95E-01 | | | | | |
| 1380955_at | DnaH5 | DEAH (Asp-Glu-His) box polypeptide 5B | 303338 | Rn.105654 | A4818849 | 5.43 | 5.72 | 3.16 | 4.59 | 4.34 | 4.24 | 1.31 | down | 6.63E-01 | 8.95E-01 | | | | | |
| 1387710_at | RGD1307394 | (Similar to Hya-X protein) ET | 306967 | Rn.16739 | AW258441 | 3.97 | 5.83 | 8.07 | 7.22 | 3.58 | 6.03 | 1.31 | down | 7.75E-01 | 8.95E-01 | | | | | |
| 1383930_at | Mps14 | mitochondrial ribosomal protein S14 | 289143 | Rn.67 | BF548676 | 7.82 | 8.60 | 8.45 | 8.60 | 8.69 | 8.73 | 1.31 | down | 1.86E-01 | 8.95E-01 | | | | | |
| 1386966_at | Rps11 | ribosomal protein S11 | 60383 | Rn.371651 | NM_021764 | 2.87 | 2.87 | 2.87 | 2.87 | 2.87 | 2.87 | 1.31 | down | 3.01E-01 | 8.95E-01 | | | | | |
| 1383447_at | Ev5 | centaurin, gamma 5 | 303828 | Rn.18397 | A101323 | 4.77 | 4.61 | 5.49 | 6.80 | 6.82 | 4.92 | 1.31 | down | 6.15E-01 | 8.95E-01 | | | | | |
| 1383776_at | Germ2 | centaurin, gamma 2 | 316811 | Rn.25493 | BF058019 | 7.83 | 7.93 | 8.07 | 8.15 | 8.27 | 8.56 | 1.31 | up | 5.11E-02 | 8.95E-01 | | | | | |
| 1388922_at | Armg3 | armadillo repeat containing 9 | 3015179 | Rn.27285 | BF582350 | 2.59 | 2.55 | 2.58 | 2.55 | 2.71 | 2.61 | 1.31 | up | 3.09E-01 | 8.95E-01 | | | | | |
| 1389135_at | Sy111 | synaptotagmin XI | 305598 | Rn.90598 | BM31068 | 2.98 | 2.54 | 2.58 | 2.58 | 2.54 | 2.43 | 1.31 | down | 4.53E-01 | 8.95E-01 | | | | | |
| 1375201_at | Sf3b3 | splicing factor 3B, subunit 3 | 292019 | Rn.7654 | BI029007 | 3.70 | 2.83 | 2.85 | 2.76 | 2.62 | 2.85 | 1.31 | down | 2.62E-01 | 8.95E-01 | | | | | |
| 1376655_at | RGD1568646 | protein MGC4548 protein | 287059 | Rn.23822 | BE174344 | 2.82 | 3.51 | 6.15 | 3.92 | 3.96 | 3.45 | 1.31 | down | 2.62E-01 | 8.95E-01 | | | | | |
| 1389212_at | Taf11 | TAF11, TFIID subunit 4 | 93232 | Rn.23334 | BC029694 | 6.97 | 6.98 | 3.95 | 3.98 | 4.92 | 3.93 | 1.31 | down | 3.85E-01 | 8.95E-01 | | | | | |
| 1376184_at | Lynx1 | lythoraxin 1 | 300018 | Rn.32045 | BC381127 | 2.52 | 2.70 | 2.56 | 2.78 | 2.70 | 3.45 | 1.31 | up | 1.89E-01 | 8.95E-01 | | | | | |
| 1372129_at | Tcd9b9 | TBC1 domain family, member 9B | 306520 | Rn.137185 | BC337054 | 5.28 | 4.95 | 4.76 | 5.40 | 5.35 | 5.36 | 1.31 | down | 6.28E-02 | 8.95E-01 | | | | | |
| 1374743_at | Act10 | actin (Drosophila) | 313382 | Rn.12187 | BE115056 | 4.81 | 4.68 | 4.61 | 4.81 | 4.68 | 4.53 | 1.31 | down | 3.66E-01 | 8.95E-01 | | | | | |
| 1379228_at | Act1 | actin | 191444 | Rn.191444 | BF118531 | 4.30 | 4.47 | 4.67 | 3.71 | 4.68 | 3.91 | 1.31 | down | 2.93E-01 | 8.95E-01 | | | | | |
| 1372323_at | Act1 | actin | 191444 | Rn.191444 | BI027058 | 6.45 | 7.45 | 6.45 | 6.45 | 7.45 | 6.45 | 1.31 | down | 3.02E-01 | 8.95E-01 | | | | | |
| 1373048_at | Actr10 | actin-related protein 10 homolog (S. cerevisiae) | 299121 | Rn.36538 | A117705 | 6.77 | 6.89 | 5.94 | 6.58 | 6.94 | 7.23 | 1.31 | up | 3.37E-01 | 8.95E-01 | | | | | |
| 1396939_at | Enp2 | epoxide hydrolase 1, microsomal | 25315 | Rn.3603 | BE120718 | 3.51 | 2.35 | 2.36 | 2.37 | 2.36 | 2.35 | 1.31 | down | 3.76E-01 | 8.95E-01 | | | | | |
| 1389353_at | Enp2 | epoxide hydrolase 1, microsomal | 25315 | Rn.3603 | NM_012844 | 6.67 | 7.13 | 6.72 | 7.63 | 6.63 | 7.11 | 1.31 | down | 0.64E-01 | 8.95E-01 | | | | | |
| 1382844_at | RCG_20739 | hypothetical protein LOC10233176 | 100233176 | Rn.98234 | AA928339 | 7.99 | 7.70 | 7.68 | 6.72 | 7.35 | 8.15 | 1.31 | down | 4.19E-01 | 8.95E-01 | | | | | |
| 1389456_at | Fgfs | FYVE, RHOGEF and PH domain containing 5 | 362402 | Rn.20486 | AJ227944 | 3.82 | 3.10 | 3.20 | 3.93 | 3.23 | 2.76 | 1.31 | down | 3.70E-01 | 8.95E-01 | | | | | |
| 1387667_at | Fgfs | farnesyl diphosphate synthase (farnesyl pyrophosphate synthase), dimethyl | 83791 | Rn.2848 | NM_031840 | 8.59 | 9.05 | 7.09 | 8.78 | 8.13 | 8.77 | 1.31 | down | 5.69E-01 | 8.95E-01 | | | | | |
| 1389112_at | FAM65A | family with sequence similarity 65, member A | 303862 | Rn.105134 | BM386825 | 7.76 | 7.14 | 7.14 | 7.76 | 7.14 | 7.76 | 1.31 | down | 1.92E-01 | 8.95E-01 | | | | | |
| 1374029_at | Erlin2 | ER lipid raft associated 2 | 298223 | Rn.12619 | BC007543 | 9.05 | 8.71 | 8.36 | 8.62 | 8.80 | 8.56 | 1.31 | down | 1.36E-01 | 8.95E-01 | | | | | |
| 1388531_at | Tra1 | tumor rejection antigen gp96 | 302682 | Rn.101146 | BE105745 | 11.49 | 11.73 | 11.62 | 11.98 | 11.86 | 12.36 | 1.31</ | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Cn) | SEPS (Ct) | SEPS (S) | SEPS (Ca) | SEPS (Ca) | SEPS (Ca) | FC/MS/seq | Resonance | Unpaired t-test vs Cn (log2) | Unpaired t-test vs Cn (log2) | REG | MTC |
|-------------|-------------|---|---------|------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------------------------|------------------------------|-----|-----|
| 137766_3_at | Tarbp2 | TAR DNA binding protein | 29848 | Rn.2633 | BM392298 | 6.79 | 3.74 | 3.61 | 6.57 | 6.63 | 7.27 | 1.30 | down | 2.81E-01 | 8.95E-01 | - | - |
| 137819_3_at | Luzp5 | leucine zipper protein 5 | 36278 | Rn.3516 | A040845 | 2.40 | 2.42 | 2.55 | 2.41 | 3.67 | 2.41 | 1.30 | up | 4.26E-01 | 8.95E-01 | - | - |
| 137821_3_at | Cu3f | Cu3 | 31555 | Rn.151946 | A085761 | 3.36 | 4.23 | 4.71 | 4.23 | 4.56 | 6.01 | 1.30 | down | 3.88E-01 | 8.95E-01 | - | - |
| 137827_3_at | Mov10 | Moloney leukemia virus 10 | 310756 | Rn.3508 | AW91547 | 3.52 | 3.25 | 3.27 | 2.36 | 2.41 | 2.35 | 1.30 | down | 3.88E-01 | 8.95E-01 | - | - |
| 137830_3_at | Sirt1 | Sirtuin 1 | 123390 | Rn.123390 | U152122 | 6.54 | 6.24 | 6.08 | 7.11 | 6.71 | 7.80 | 1.30 | up | 4.26E-01 | 8.95E-01 | - | - |
| 137833_3_at | Carnk2 | calcium/calmodulin-dependent protein kinase II delta | 24246 | Rn.87208 | X7194 | 2.70 | 2.69 | 2.38 | 2.70 | 2.71 | 3.50 | 1.30 | down | 2.58E-01 | 8.95E-01 | - | - |
| 137835_3_at | LOC619574 | hypothetical protein LOC619574 | 167574 | Rn.162222 | AW92054 | 4.29 | 4.39 | 4.16 | 4.69 | 4.20 | 5.07 | 1.30 | up | 2.25E-01 | 8.95E-01 | - | - |
| 137836_3_at | Ctsh | cytochrome b-245, alpha polypeptide | 79129 | Rn.40435 | B02961 | 9.52 | 6.22 | 9.06 | 9.12 | 9.77 | 9.06 | 1.30 | down | 2.58E-01 | 8.95E-01 | - | - |
| 137841_3_at | Tmem184c | transmembrane protein 184c | 219146 | Rn.12069 | AG65279 | 4.12 | 4.75 | 2.34 | 3.44 | 3.33 | 3.36 | 1.30 | down | 1.13E-01 | 8.95E-01 | - | - |
| 137842_3_at | Rnf126 | ring finger protein 126 | 141613 | Rn.141613 | AW52367 | 2.50 | 2.49 | 3.61 | 2.48 | 2.54 | 2.46 | 1.30 | down | 3.71E-01 | 8.95E-01 | - | - |
| 137843_3_at | AN1 | Abelson helper integration site 1 | 308923 | Rn.205875 | AA819702 | 8.84 | 9.41 | 7.99 | 9.19 | 9.12 | 9.04 | 1.30 | up | 4.25E-01 | 8.95E-01 | - | - |
| 137844_3_at | --- | --- | --- | Rn.8538 | AW144301 | 2.72 | 2.71 | 2.73 | 2.72 | 3.87 | 2.71 | 1.30 | up | 3.84E-01 | 8.95E-01 | - | - |
| 137845_3_at | --- | --- | --- | Rn.17446 | BT17587 | 6.69 | 6.28 | 5.69 | 6.20 | 6.01 | 6.97 | 1.30 | down | 4.33E-01 | 8.95E-01 | - | - |
| 137846_3_at | --- | --- | --- | Rn.46023 | BF383948 | 2.54 | 2.51 | 2.55 | 2.53 | 3.88 | 2.52 | 1.30 | up | 3.84E-01 | 8.95E-01 | - | - |
| 137847_3_at | --- | --- | --- | Rn.42516 | BM389184 | 4.05 | 3.30 | 2.93 | 3.25 | 2.87 | 3.03 | 1.30 | down | 3.43E-01 | 8.95E-01 | - | - |
| 137848_3_at | --- | --- | --- | Rn.203330 | BM384688 | 5.26 | 4.64 | 5.66 | 5.79 | 5.42 | 5.48 | 1.30 | down | 3.04E-01 | 8.95E-01 | - | - |
| 137849_3_at | --- | --- | --- | --- | AW701419 | 2.47 | 2.49 | 2.51 | 3.23 | 2.89 | 2.48 | 1.30 | up | 1.60E-01 | 8.95E-01 | - | - |
| 137850_3_at | Mps18b | mitochondrial ribosomal protein S18B | 29430 | Rn.114 | BM389296 | 8.28 | 8.76 | 8.71 | 9.00 | 8.91 | 8.96 | 1.30 | down | 7.40E-02 | 8.95E-01 | - | - |
| 137851_3_at | Zlyve19 | zinc finger, FYVE domain containing 19 | 49871 | Rn.37288 | BM385443 | 3.99 | 3.98 | 4.00 | 5.03 | 4.09 | 3.97 | 1.30 | up | 3.28E-01 | 8.95E-01 | - | - |
| 137852_3_at | Neadd | neurotrophin receptor associated death domain | 246143 | Rn.40262 | AA918166 | 3.27 | 3.96 | 3.31 | 8.98 | 9.15 | 9.38 | 1.30 | down | 1.85E-01 | 8.95E-01 | - | - |
| 137853_3_at | --- | --- | --- | Rn.166477 | AA811058 | 3.50 | 2.36 | 2.36 | 2.35 | 2.38 | 2.37 | 1.30 | down | 3.80E-01 | 8.95E-01 | - | - |
| 137854_3_at | --- | --- | --- | Rn.14220 | AA811384 | 7.18 | 8.19 | 8.75 | 7.48 | 7.29 | 8.22 | 1.30 | down | 5.24E-01 | 8.95E-01 | - | - |
| 137855_3_at | --- | --- | --- | Rn.36102 | NM_022672 | 10.95 | 11.36 | 10.80 | 11.20 | 11.47 | 11.56 | 1.30 | down | 1.31E-01 | 8.95E-01 | - | - |
| 137856_3_at | Pgm3 | Phosphoglucomutase 3 | 363109 | Rn.24236 | AI103559 | 3.09 | 2.85 | 2.66 | 2.21 | 2.62 | 2.65 | 1.30 | down | 1.16E-01 | 8.95E-01 | - | - |
| 137857_3_at | Ags32 | ATPCS/KTFase family gene 3-like 2 (yeast) | 307350 | Rn.61398 | AA54738 | 4.73 | 4.83 | 4.21 | 4.69 | 4.99 | 5.00 | 1.30 | up | 1.28E-01 | 8.95E-01 | - | - |
| 137858_3_at | Meth10d | methyltransferase 10 domain containing | 360558 | Rn.203131 | BF400755 | 5.77 | 7.36 | 8.28 | 6.89 | 6.66 | 6.73 | 1.30 | down | 6.37E-01 | 8.95E-01 | - | - |
| 137859_3_at | --- | --- | --- | Rn.14612 | AA833602 | 4.11 | 2.94 | 2.99 | 2.85 | 2.92 | 3.03 | 1.30 | down | 3.84E-01 | 8.95E-01 | - | - |
| 137860_3_at | --- | --- | --- | Rn.13966 | AI172500 | 2.51 | 2.49 | 2.50 | 2.50 | 2.50 | 2.52 | 1.30 | up | 3.60E-01 | 8.95E-01 | - | - |
| 137861_3_at | --- | --- | --- | Rn.200315 | AA818212 | 6.62 | 6.68 | 6.62 | 6.62 | 6.68 | 6.62 | 1.30 | down | 3.84E-01 | 8.95E-01 | - | - |
| 137862_3_at | --- | --- | --- | Rn.22665 | BG372397 | 7.64 | 7.11 | 8.11 | 7.43 | 7.12 | 7.44 | 1.30 | up | 4.63E-01 | 8.95E-01 | - | - |
| 137863_3_at | Hpd4 | 4-hydroxyphenylpyruvate dioxygenase | 29531 | Rn.3664 | NM_017133 | 9.97 | 9.53 | 9.50 | 9.94 | 9.93 | 10.25 | 1.30 | down | 1.05E-01 | 8.95E-01 | - | - |
| 137864_3_at | Mps18a | mitochondrial ribosomal protein S18A | 29036 | Rn.20068 | AG82629 | 10.99 | 10.99 | 9.97 | 10.19 | 10.62 | 10.62 | 1.30 | down | 3.17E-01 | 8.95E-01 | - | - |
| 137865_3_at | Ppm1n | protein tyrosine phosphatase, non-receptor type 11 | 25822 | Rn.98209 | U05963 | 5.11 | 4.68 | 4.00 | 4.03 | 4.12 | 4.52 | 1.30 | down | 3.54E-01 | 8.95E-01 | - | - |
| 137866_3_at | --- | --- | --- | Rn.38561 | BF381637 | 2.48 | 2.61 | 2.61 | 2.61 | 2.61 | 2.43 | 1.30 | down | 2.33E-01 | 8.95E-01 | - | - |
| 137867_3_at | --- | --- | --- | Rn.199236 | AI137972 | 3.90 | 3.85 | 4.37 | 4.11 | 3.23 | 3.65 | 1.30 | down | 2.85E-01 | 8.95E-01 | - | - |
| 137868_3_at | --- | --- | --- | Rn.37575 | B028970 | 10.03 | 10.21 | 10.58 | 10.78 | 10.48 | 10.67 | 1.30 | up | 1.02E-01 | 8.95E-01 | - | - |
| 137869_3_at | Ras23a | Ras23 homolog A (Cerevisiae) | 100518 | Rn.100518 | AA819223 | 4.42 | 4.85 | 4.58 | 4.58 | 4.58 | 4.58 | 1.30 | down | 4.34E-01 | 8.95E-01 | - | - |
| 137870_3_at | --- | --- | --- | Rn.3953 | AI176021 | 5.24 | 4.95 | 4.55 | 5.12 | 4.97 | 5.57 | 1.30 | up | 3.07E-01 | 8.95E-01 | - | - |
| 137871_3_at | Arfp1 | ADP-ribosylation factor interacting protein 1 | 60382 | Rn.162603 | NM_021763 | 4.44 | 4.56 | 3.82 | 3.80 | 5.50 | 4.84 | 1.30 | up | 5.25E-01 | 8.95E-01 | - | - |
| 137872_3_at | Lars | lysine tRNA synthetase | 101624 | Rn.70387 | BE114958 | 4.95 | 4.97 | 5.00 | 4.97 | 4.97 | 5.00 | 1.30 | up | 3.90E-01 | 8.95E-01 | - | - |
| 137873_3_at | Lmo7 | LIM domain 7 | 361084 | Rn.98417 | BE114958 | 2.37 | 2.37 | 2.38 | 3.50 | 2.38 | 2.37 | 1.30 | up | 3.75E-01 | 8.95E-01 | - | - |
| 137874_3_at | Slc20a2 | solute carrier family 20 (phosphate transporter), member 2 | 25022 | Rn.156249 | BE114958 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 1.30 | down | 3.84E-01 | 8.95E-01 | - | - |
| 137875_3_at | --- | --- | --- | Rn.16559 | BT273721 | 5.94 | 2.44 | 3.54 | 4.32 | 4.03 | 4.28 | 1.30 | down | 7.44E-01 | 8.95E-01 | - | - |
| 137876_3_at | Pgm2c | proteoglycan receptor membrane component 2 | 361940 | Rn.7685 | BF283382 | 8.54 | 8.97 | 8.82 | 9.27 | 8.99 | 9.19 | 1.30 | up | 6.80E-02 | 8.95E-01 | - | - |
| 137877_3_at | --- | --- | --- | Rn.102627 | B026094 | 5.46 | 4.56 | 4.67 | 4.67 | 4.67 | 4.67 | 1.30 | down | 3.17E-01 | 8.95E-01 | - | - |
| 137878_3_at | --- | --- | --- | Rn.15467 | AI179711 | 3.01 | 3.39 | 2.97 | 3.50 | 3.99 | 3.01 | 1.30 | up | 2.97E-01 | 8.95E-01 | - | - |
| 137879_3_at | --- | --- | --- | Rn.16445 | AA834623 | 4.05 | 4.65 | 3.69 | 3.68 | 4.68 | 5.00 | 1.30 | down | 3.68E-01 | 8.95E-01 | - | - |
| 137880_3_at | --- | --- | --- | Rn.20360 | AA844849 | 7.28 | 8.35 | 8.27 | 8.44 | 8.30 | 8.28 | 1.30 | down | 3.44E-01 | 8.95E-01 | - | - |
| 137881_3_at | Neod9 | neural precursor cell expressed, developmentally down-regulated 9 | 291044 | Rn.8730 | BM392374 | 5.34 | 4.76 | 4.22 | 4.49 | 5.75 | 5.19 | 1.30 | up | 4.86E-01 | 8.95E-01 | - | - |
| 137882_3_at | --- | --- | --- | Rn.200322 | BM391110 | 3.17 | 3.27 | 3.26 | 3.17 | 3.26 | 3.26 | 1.30 | down | 3.84E-01 | 8.95E-01 | - | - |
| 137883_3_at | Rwd2a | RWD domain containing 2A | 363310 | Rn.88968 | AA088839 | 3.71 | 2.74 | 2.79 | 2.61 | 2.78 | 2.73 | 1.30 | down | 3.05E-01 | 8.95E-01 | - | - |
| 137884_3_at | --- | --- | --- | Rn.200982 | BF144665 | 2.82 | 2.54 | 2.57 | 2.82 | 2.76 | 2.48 | 1.30 | up | 3.96E-01 | 8.95E-01 | - | - |
| 137885_3_at | Adgr2 | adiponectin receptor 2 | 312670 | Rn.101994 | B026094 | 5.46 | 4.56 | 4.67 | 4.67 | 4.67 | 4.67 | 1.30 | down | 3.17E-01 | 8.95E-01 | - | - |
| 137886_3_at | --- | --- | --- | Rn.3272 | NM_013660 | 7.04 | 7.54 | 7.82 | 6.31 | 8.03 | 6.95 | 1.30 | down | 5.37E-01 | 8.95E-01 | - | - |
| 137887_3_at | --- | --- | --- | Rn.65729 | AA592691 | 6.80 | 6.74 | 6.83 | 6.87 | 6.79 | 6.83 | 1.30 | up | 4.17E-01 | 8.95E-01 | - | - |
| 137888_3_at | Strap | serine/threonine kinase receptor associated protein | 297699 | Rn.8126 | AA81681 | 6.09 | 5.79 | 6.38 | 6.02 | 6.81 | 6.53 | 1.30 | up | 2.62E-01 | 8.95E-01 | - | - |
| 137889_3_at | --- | --- | --- | Rn.15834 | AA042029 | 2.81 | 2.55 | 2.74 | 2.47 | 2.26 | 2.24 | 1.30 | down | 2.37E-01 | 8.95E-01 | - | - |
| 137890_3_at | --- | --- | --- | Rn.147563 | BF149722 | 2.96 | 3.14 | 2.96 | 3.14 | 3.12 | 3.03 | 1.30 | down | 3.84E-01 | 8.95E-01 | - | - |
| 137891_3_at | Ubln1 | Ubiquitin-fold modifier 1 | 365797 | Rn.92909 | BT27670 | 7.71 | 7.71 | 7.52 | 8.04 | 7.43 | 8.58 | 1.30 | up | 3.35E-01 | 8.95E-01 | - | - |
| 137892_3_at | Gkn1 | G kinase anchoring protein 1 | 361202 | Rn.2003 | AA803315 | 6.77 | 6.99 | 6.07 | 6.59 | 7.20 | 7.14 | 1.30 | up | 3.32E-01 | 8.95E-01 | - | - |
| 137893_3_at | --- | --- | --- | Rn.21161 | BE114958 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 1.30 | down | 3.17E-01 | 8.95E-01 | - | - |
| 137894_3_at | --- | --- | --- | Rn.126956 | BF397977 | 2.49 | 3.57 | 2.49 | 2.47 | 2.51 | 2.46 | 1.30 | down | 3.59E-01 | 8.95E-01 | - | - |
| 137895_3_at | --- | --- | --- | Rn.102627 | NM_021763 | 7.07 | 7.07 | 7.11 | 7.11 | 7.11 | 7.11 | 1.30 | down | 3.17E-01 | 8.95E-01 | - | - |
| 137896_3_at | --- | --- | --- | Rn.22260 | NM_05 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensity (log2) | | | | | | | | | | FC/MSouse | Residual | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-----------|----------|----------------------------------|-----|-----|
| | | | | | SEPS (Ch1) | SEPA (Ch2) | SEPB (Ch3) | SEPC (Ch4) | SEPD (Ch5) | SEPE (Ch6) | SEPF (Ch7) | SEPG (Ch8) | SEPH (Ch9) | SEPI (Ch10) | | | | | |
| 1396620 | Hdc1c1 | histone deacetylase 1 | 297893 | Rh.1863 | AV530195 | 2.60 | 2.52 | 3.63 | 2.61 | 2.44 | 2.59 | 1.29 | down | 3.69E-01 | 9.95E-01 | - | - | | |
| 1396773 | Khd03 | KH domain containing, RNA binding, signal transduction associated 1 | 117268 | Rh.162107 | NM_130405 | 6.14 | 6.17 | 6.35 | 6.61 | 6.48 | 6.67 | 1.29 | up | 1.33E-02 | 9.95E-01 | - | - | | |
| 1397171 | Proch1 | proline dehydrogenase | 309382 | Rh.11811 | BI260334 | 3.29 | 3.32 | 2.80 | 2.80 | 2.81 | 2.79 | 1.29 | down | 5.73E-01 | 9.95E-01 | - | - | | |
| 1397390 | Dnmbp | dynamitin binding protein | 309382 | Rh.11811 | BI260334 | 4.75 | 4.14 | 2.73 | 3.45 | 3.53 | 3.54 | 1.29 | down | 3.74E-01 | 9.95E-01 | - | - | | |
| 1397488 | Fu4d | fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) | 60670 | Rh.44467 | NM_022219 | 2.30 | 2.30 | 2.31 | 2.41 | 2.31 | 2.29 | 1.29 | down | 3.78E-01 | 9.95E-01 | - | - | | |
| 1397543 | Sars1 | polymerase (DNA directed), epsilon 3 (p17 subunit) | 289698 | Rh.3290 | BF522272 | 6.07 | 6.12 | 8.31 | 7.19 | 7.40 | 6.82 | 1.29 | down | 6.45E-01 | 9.95E-01 | - | - | | |
| 1397543 | Sars1 | SPS domain family, member 1 | 319102 | Rh.138371 | BF384501 | 3.29 | 3.32 | 4.00 | 3.32 | 4.00 | 3.29 | 1.29 | down | 3.74E-01 | 9.95E-01 | - | - | | |
| 1397543 | Rb3a6 | ribosomal protein L36a | 292964 | Rh.23433 | AW142090 | 11.50 | 11.43 | 11.59 | 11.78 | 11.57 | 11.87 | 1.29 | down | 9.85E-02 | 9.95E-01 | - | - | | |
| 1397543 | Ndu6f | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a) | 296643 | Rh.7207 | BF384501 | 6.57 | 6.71 | 6.84 | 6.56 | 5.70 | 6.68 | 1.29 | down | 2.74E-01 | 9.95E-01 | - | - | | |
| 1397543 | Egr1 | epidermal growth factor receptor | 24329 | Rh.37227 | M37394 | 4.65 | 4.84 | 4.37 | 4.50 | 3.70 | 4.70 | 1.29 | down | 3.85E-01 | 9.95E-01 | - | - | | |
| 1397543 | Fam117a | family with sequence similarity 117, member A | 497983 | Rh.93919 | A1179600 | 4.70 | 3.66 | 3.69 | 3.84 | 5.10 | 4.21 | 1.29 | up | 5.09E-01 | 9.95E-01 | - | - | | |
| 1397543 | Zfp105 | zinc finger protein 105 | 316096 | Rh.12040 | A1179600 | 3.27 | 3.27 | 2.55 | 3.28 | 3.29 | 3.65 | 1.29 | down | 2.47E-01 | 9.95E-01 | - | - | | |
| 1397543 | Tbc12d | TBC1 domain family, member 2B | 315880 | Rh.1821 | BE113335 | 3.08 | 3.07 | 2.99 | 3.19 | 4.10 | 2.91 | 1.29 | up | 3.71E-01 | 9.95E-01 | - | - | | |
| 1398220 | Hsp1h | heat shock 105Da/110Da protein 1 | 288444 | Rh.37805 | BF522272 | 9.65 | 9.47 | 9.03 | 9.07 | 9.11 | 8.87 | 1.29 | down | 1.39E-01 | 9.95E-01 | - | - | | |
| 1398220 | Hsp1h | heat shock 105Da/110Da protein 1 | 288444 | Rh.37805 | BF522272 | 4.79 | 3.42 | 4.10 | 4.58 | 3.82 | 3.03 | 1.29 | down | 5.74E-01 | 9.95E-01 | - | - | | |
| 1398220 | Pel1a | pellino 1 | 305549 | Rh.22814 | AA888887 | 5.41 | 5.86 | 4.57 | 5.79 | 5.39 | 5.75 | 1.29 | down | 4.10E-01 | 9.95E-01 | - | - | | |
| 1398220 | Slc25a17 | soluble carrier family 25 (mitochondrial carrier, peroxisomal membrane protein) | 300063 | Rh.94723 | BM357059 | 8.08 | 7.92 | 5.92 | 7.80 | 7.28 | 3.36 | 1.29 | up | 4.07E-01 | 9.95E-01 | - | - | | |
| 1398220 | Slc25a17 | soluble carrier family 25 (mitochondrial carrier, peroxisomal membrane protein) | 300063 | Rh.219513 | BF404917 | 2.50 | 2.50 | 2.55 | 3.67 | 2.53 | 2.44 | 1.29 | up | 4.10E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 8.29 | 7.89 | 8.25 | 8.31 | 8.79 | 8.43 | 1.29 | up | 1.30E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 7.17 | 6.96 | 6.44 | 6.78 | 5.99 | 6.72 | 1.29 | down | 3.34E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.39 | 5.45 | 5.22 | 5.38 | 6.13 | 5.68 | 1.29 | up | 1.80E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.43 | 2.53 | 4.31 | 3.72 | 3.70 | 3.91 | 1.29 | up | 1.52E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 6.36 | 5.92 | 5.92 | 5.13 | 6.06 | 5.91 | 1.29 | down | 2.98E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 8.08 | 7.77 | 8.10 | 7.68 | 7.59 | 7.59 | 1.29 | down | 3.08E-02 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.32 | 3.17 | 3.16 | 3.14 | 3.49 | 3.13 | 1.29 | up | 2.88E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.76 | 3.75 | 4.63 | 3.50 | 3.78 | 3.76 | 1.29 | down | 2.97E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 6.54 | 6.55 | 6.91 | 6.54 | 5.75 | 6.63 | 1.29 | down | 2.97E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.75 | 4.67 | 2.63 | 2.86 | 5.51 | 2.77 | 1.29 | up | 7.68E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 7.66 | 7.54 | 6.82 | 7.10 | 6.56 | 7.27 | 1.29 | down | 3.41E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 10.58 | 10.31 | 10.36 | 10.83 | 10.92 | 10.86 | 1.29 | up | 1.33E-02 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.59 | 2.57 | 2.58 | 3.32 | 2.58 | 2.58 | 1.29 | up | 1.85E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.58 | 2.33 | 2.42 | 2.41 | 2.34 | 2.49 | 1.29 | down | 4.18E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.66 | 3.62 | 3.64 | 3.60 | 3.61 | 3.60 | 1.29 | down | 3.34E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.72 | 7.00 | 6.48 | 6.60 | 7.33 | 6.35 | 1.29 | up | 4.85E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.60 | 6.33 | 6.47 | 6.16 | 6.25 | 6.89 | 1.29 | down | 7.07E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 1.29 | down | 7.23E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.54 | 5.95 | 5.75 | 5.19 | 6.02 | 5.94 | 1.29 | down | 4.58E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.59 | 6.06 | 5.81 | 5.81 | 6.61 | 5.81 | 1.29 | down | 5.44E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 4.71 | 3.15 | 2.86 | 3.98 | 2.92 | 2.74 | 1.29 | down | 6.25E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.69 | 3.05 | 2.73 | 3.43 | 2.69 | 3.44 | 1.29 | up | 2.52E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.42 | 2.41 | 2.51 | 2.41 | 2.39 | 2.39 | 1.29 | down | 3.35E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 4.79 | 4.59 | 4.91 | 5.20 | 5.38 | 4.82 | 1.29 | up | 1.29E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 7.02 | 7.31 | 7.30 | 6.91 | 6.93 | 7.69 | 1.29 | down | 4.75E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 5.44 | 5.22 | 6.49 | 4.72 | 5.22 | 5.77 | 1.29 | down | 3.67E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 7.23 | 7.13 | 6.51 | 6.22 | 5.85 | 6.89 | 1.29 | down | 3.07E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.99 | 3.43 | 3.78 | 3.91 | 4.07 | 3.91 | 1.29 | down | 3.35E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 8.84 | 8.36 | 8.67 | 7.92 | 8.43 | 8.44 | 1.29 | down | 1.75E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.56 | 3.33 | 3.70 | 4.22 | 3.70 | 3.77 | 1.29 | up | 1.38E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 6.81 | 6.81 | 7.77 | 6.87 | 7.14 | 6.38 | 1.29 | down | 3.35E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 10.84 | 10.17 | 11.03 | 11.27 | 10.83 | 11.37 | 1.29 | up | 1.48E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.64 | 3.72 | 3.84 | 3.64 | 3.72 | 3.84 | 1.29 | up | 2.28E-02 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.82 | 3.82 | 3.82 | 3.82 | 3.82 | 3.82 | 1.29 | down | 4.08E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.32 | 3.12 | 2.88 | 3.24 | 3.33 | 3.84 | 1.29 | up | 1.94E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 6.90 | 6.96 | 6.96 | 6.96 | 6.96 | 6.96 | 1.29 | down | 3.35E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.82 | 2.83 | 2.74 | 3.09 | 3.37 | 3.02 | 1.29 | up | 2.99E-02 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 7.89 | 7.90 | 8.13 | 8.80 | 8.43 | 7.89 | 1.29 | up | 2.53E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.53 | 4.16 | 4.02 | 4.28 | 4.16 | 4.28 | 1.29 | down | 1.02E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 4.78 | 3.51 | 2.53 | 2.51 | 2.45 | 2.45 | 1.29 | down | 3.40E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 2.44 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 1.29 | up | 5.88E-01 | 9.95E-01 | - | - | | |
| 1398220 | Zfp105 | zinc finger protein 105 | 309367 | Rh.130357 | BF267999 | 3.57 | 3.87 | 3.35 | 3.73 | 3.81 | 4.34 | 1.29 | up | 2.10E-01 | 9.95E-01 | - | - | | |
| 13982 | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | | FC/MScore | Residual | Unpaired t-test vs Ctl (log2) | Cis vs Ctl (log2) | REG | MTC |
|--------------|-------------|--|----------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------------------|-------------------|-----|-----|
| | | | | | | SEPs (Ct) | SEPs (Cn) | SEPs (Ct) | SEPs (Cn) | SEPs (Ct) | SEPs (Cn) | SEPs (Ct) | SEPs (Cn) | SEPs (Ct) | SEPs (Cn) | | | | | | |
| 1371800_at | Phc2 | polyhomeotic homolog 2 (Drosophila) | 313038 | Rn.2428 | AB230538 | 3.64 | 4.07 | 4.29 | 3.87 | 3.57 | 3.69 | 1.28 | down | 1.41E-01 | 8.95E-01 | - | - | | | | |
| 1383502_at | Gcdp1 | glycerophosphodiester phospholipase domain containing 1 | 303407 | Rn.138410 | AW528213 | 2.57 | 2.50 | 2.53 | 2.66 | 2.53 | 2.48 | 1.28 | up | 4.06E-01 | 8.95E-01 | - | - | | | | |
| 1383101_at | Ataxin3 | ataxin 3 | 361910 | Rn.361910 | BF056119 | 3.25 | 3.27 | 3.23 | 3.27 | 3.23 | 3.27 | 1.28 | down | 1.68E-01 | 8.95E-01 | - | - | | | | |
| 1374839_at | Gy2 | cytoplasmic FMR1 interacting protein 2 | 303073 | Rn.44008 | BE112927 | 3.31 | 2.57 | 2.42 | 2.42 | 2.43 | 2.38 | 1.28 | down | 2.86E-01 | 8.95E-01 | - | - | | | | |
| 1388250_at | Nfn | nucleolar factor 10 | 302227 | Rn.218259 | AB122070 | 4.56 | 4.03 | 4.23 | 4.07 | 3.70 | 3.70 | 1.28 | down | 3.80E-01 | 8.95E-01 | - | - | | | | |
| 1380118_at | Fdxac1b | ferredoxin-fold anticodon binding domain containing 1 | 315466 | Rn.67727 | BZ125659 | 6.63 | 6.77 | 6.67 | 7.12 | 7.35 | 6.83 | 1.28 | up | 1.78E-01 | 8.95E-01 | - | - | | | | |
| 1388653_at | Gsp1 | Gc-rich promoter binding protein 1 | 294734 | Rn.33325 | AB118287 | 7.51 | 8.20 | 7.88 | 8.34 | 7.82 | 8.49 | 1.28 | up | 2.80E-01 | 8.95E-01 | - | - | | | | |
| 1370029_at | Tu1a1 | tubulin family 1A class I member 1 | 252921 | Rn.154431 | AB119443 | 4.56 | 4.03 | 4.23 | 4.07 | 3.70 | 3.70 | 1.28 | down | 3.80E-01 | 8.95E-01 | - | - | | | | |
| 1384147_at | Efl1a | eukaryotic translation initiation factor 1A | 317163 | Rn.3361 | AA955540 | 6.82 | 6.89 | 6.91 | 6.62 | 7.36 | 7.72 | 1.28 | down | 3.34E-01 | 8.95E-01 | - | - | | | | |
| 1383245_at | --- | --- | --- | Rn.284775 | AB118287 | 4.35 | 3.51 | 4.85 | 3.87 | 3.60 | 4.21 | 1.28 | down | 5.06E-01 | 8.95E-01 | - | - | | | | |
| 1380665_at | --- | --- | --- | Rn.211658 | BF148059 | 6.75 | 6.27 | 6.48 | 6.17 | 6.16 | 6.36 | 1.28 | down | 6.08E-01 | 8.95E-01 | - | - | | | | |
| 1372173_at | RGD1309188 | similar to US snRNP-specific protein (Prp8-binding) | 313056 | Rn.15351 | AA079455 | 3.50 | 3.20 | 3.21 | 3.21 | 3.25 | 3.93 | 1.28 | down | 2.24E-01 | 8.95E-01 | - | - | | | | |
| 1370422_at | Agp13 | agarsine-linked glycosylated 13 homolog (S. cerevisiae) | 300284 | Rn.289189 | A1458873 | 6.35 | 7.29 | 6.65 | 6.83 | 7.57 | 7.16 | 1.28 | down | 3.35E-01 | 8.95E-01 | - | - | | | | |
| 1391070_at | LOC6156220 | similar to hypothetical MGC48595 | 500892 | Rn.20869 | AW155206 | 2.37 | 3.55 | 3.27 | 3.27 | 2.80 | 2.39 | 1.28 | down | 4.42E-01 | 8.95E-01 | - | - | | | | |
| 1392941_at | LOC691543 | hypothetical protein LOC691543 | 691543 | Rn.55240 | AA957091 | 5.99 | 4.06 | 3.19 | 4.07 | 3.55 | 4.55 | 1.28 | down | 7.04E-01 | 9.07E-01 | - | - | | | | |
| 1376290_at | --- | --- | --- | Rn.22461 | BM387047 | 8.71 | 8.90 | 9.18 | 8.60 | 8.52 | 9.28 | 1.28 | down | 1.47E-01 | 8.95E-01 | - | - | | | | |
| 1383321_at | Tpa1 | lysoy protein sulfotransferase 1 | 288817 | Rn.144004 | BC376248 | 3.73 | 2.94 | 2.96 | 3.19 | 2.49 | 2.88 | 1.28 | down | 3.38E-01 | 8.95E-01 | - | - | | | | |
| 1376079_at | RGD1581472 | similar to hMA2005 protein (S. cerevisiae) | 500102 | Rn.48221 | AH853923 | 3.31 | 2.59 | 2.94 | 2.82 | 2.42 | 2.41 | 1.28 | down | 2.75E-01 | 8.95E-01 | - | - | | | | |
| 1367644_at | Adcy6 | adenylyl cyclase 6 | 25299 | Rn.31313 | NM_012621 | 3.71 | 3.36 | 3.24 | 3.11 | 3.12 | 3.01 | 1.28 | down | 1.70E-02 | 8.95E-01 | - | - | | | | |
| 1374782_at | --- | --- | --- | Rn.51810 | BF149834 | 5.57 | 5.47 | 5.37 | 4.63 | 5.40 | 5.31 | 1.28 | down | 2.26E-01 | 8.95E-01 | - | - | | | | |
| 1374045_at | Cag9 | component of oligomeric golgi complex 6 | 251900 | Rn.3024 | AB98951 | 4.73 | 4.25 | 3.91 | 3.94 | 3.94 | 3.94 | 1.28 | down | 2.05E-01 | 8.95E-01 | - | - | | | | |
| 1388704_at | --- | --- | --- | --- | AA92384 | 7.55 | 7.47 | 7.41 | 6.71 | 7.25 | 7.40 | 1.28 | down | 1.67E-01 | 8.95E-01 | - | - | | | | |
| 1374622_at | --- | --- | --- | Rn.9546 | BE117309 | 6.18 | 6.91 | 6.58 | 5.93 | 6.18 | 6.48 | 1.28 | down | 2.51E-01 | 8.95E-01 | - | - | | | | |
| 1377714_at | Pvi3 | Poliiovirus receptor-related 3 | 288124 | Rn.56373 | AB029729 | 2.79 | 3.90 | 4.63 | 4.78 | 3.93 | 4.28 | 1.28 | down | 2.73E-01 | 8.95E-01 | - | - | | | | |
| 1373004_at | Dnaq2 | DnaJ (Hsp40) homolog, subfamily C, member 2 | 114546 | Rn.11508 | AA967654 | 5.99 | 6.73 | 6.79 | 6.01 | 5.88 | 6.75 | 1.28 | down | 4.33E-01 | 8.95E-01 | - | - | | | | |
| 1378990_at | Kif5 | kinesin family member 5B | 25299 | Rn.31313 | AA924572 | 5.17 | 5.23 | 5.25 | 4.74 | 4.67 | 5.47 | 1.28 | down | 2.73E-01 | 8.95E-01 | - | - | | | | |
| 1388251_at | Pknox1 | protein kinase C, iota | 84006 | Rn.1338 | AB020615 | 6.64 | 6.78 | 7.11 | 6.08 | 5.30 | 6.08 | 1.28 | down | 5.81E-01 | 8.95E-01 | - | - | | | | |
| 1376079_at | RGD1310414 | similar to hypothetical protein FL23263 | 200811 | Rn.12987 | BC330154 | 2.74 | 2.75 | 3.93 | 2.76 | 2.91 | 2.67 | 1.28 | down | 4.23E-01 | 8.95E-01 | - | - | | | | |
| 1387854_at | Dp15 | Dlx zinc and double PHD finger, family 3 | 299186 | Rn.38975 | BC375309 | 2.67 | 2.62 | 2.73 | 2.60 | 3.88 | 2.61 | 1.28 | down | 1.48E-01 | 8.95E-01 | - | - | | | | |
| 1392405_at | Tfp2 | transcription factor Dp-2 (E2F domain partner 2) | 300947 | Rn.103713 | AH17322 | 3.52 | 4.32 | 4.34 | 4.55 | 4.33 | 4.37 | 1.28 | up | 2.72E-01 | 8.95E-01 | - | - | | | | |
| 1387777_at | Dco1 | 2,4-dienoyl CoA reductase 1, mitochondrial | 117543 | Rn.26254 | NM_057187 | 9.77 | 9.73 | 9.93 | 9.46 | 9.04 | 9.87 | 1.28 | down | 2.22E-01 | 8.95E-01 | - | - | | | | |
| 1382770_at | Nco1 | nucleolar coiled-coil 1 (chicken) | 830265 | Rn.10687 | BF13817 | 6.02 | 7.14 | 6.47 | 5.86 | 6.50 | 6.36 | 1.28 | down | 4.72E-01 | 8.95E-01 | - | - | | | | |
| 1392329_at | Spn4 | sprouty homolog 4 (Drosophila) | 291610 | Rn.148922 | BZ04478 | 4.37 | 4.29 | 4.66 | 4.57 | 3.66 | 4.02 | 1.28 | down | 2.82E-01 | 8.95E-01 | - | - | | | | |
| 1396773_at | Panp1 | pancreatic polypeptide, macropan) subunit, alpha type 1 | Rn.29563 | AB029645 | 6.56 | 6.86 | 6.80 | 6.80 | 6.80 | 6.80 | 1.28 | down | 2.83E-01 | 8.95E-01 | - | - | | | | | |
| 1373938_at | Rol14 | Ring finger protein 14 | 381212 | Rn.21345 | AA071077 | 6.23 | 6.63 | 6.53 | 6.30 | 6.59 | 6.77 | 1.28 | up | 3.49E-01 | 8.95E-01 | - | - | | | | |
| 1388279_at | Mll4 | myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) | 114510 | Rn.22228 | NM_053718 | 4.76 | 5.85 | 6.14 | 6.53 | 5.57 | 6.73 | 1.28 | up | 5.27E-01 | 8.95E-01 | - | - | | | | |
| 1383839_at | --- | --- | --- | Rn.40237 | AB029474 | 2.62 | 2.49 | 2.92 | 2.49 | 2.47 | 2.49 | 1.28 | down | 3.47E-01 | 8.95E-01 | - | - | | | | |
| 1367754_5_at | --- | --- | --- | Rn.64591 | NM_013310 | 8.76 | 8.78 | 7.95 | 8.92 | 8.81 | 8.83 | 1.28 | up | 2.65E-01 | 8.95E-01 | - | - | | | | |
| 1372913_at | Snf | SNF, ESCRT-1 complex subunit, homolog (S. cerevisiae) | 298745 | Rn.161287 | BF258487 | 9.44 | 9.26 | 9.46 | 9.26 | 9.46 | 9.26 | 1.28 | down | 5.19E-01 | 8.95E-01 | - | - | | | | |
| 1380865_at | --- | --- | --- | Rn.147102 | BM385284 | 2.69 | 3.15 | 4.08 | 3.31 | 3.29 | 4.38 | 1.28 | down | 5.48E-01 | 8.95E-01 | - | - | | | | |
| 1378813_at | Lpc3 | lysophosphatidylcholine acyltransferase 3 | 362434 | Rn.19543 | AB295555 | 5.17 | 3.69 | 5.00 | 4.23 | 3.85 | 4.71 | 1.28 | down | 5.37E-01 | 8.95E-01 | - | - | | | | |
| 1371945_at | Gp11 | gp11 5' phase transition | Rn.72491 | BE116919 | 7.91 | 7.91 | 7.91 | 7.91 | 7.91 | 7.91 | 7.91 | 1.28 | down | 1.28E-01 | 8.95E-01 | - | - | | | | |
| 1383322_at | --- | --- | --- | --- | AA02154 | 3.36 | 3.90 | 3.34 | 3.20 | 3.13 | 3.20 | 1.28 | down | 1.28E-01 | 8.95E-01 | - | - | | | | |
| 1388733_at | Bla1 | binucleolar apoptosis regulator 1 | 304709 | Rn.159389 | AH177631 | 3.65 | 3.64 | 3.66 | 3.39 | 4.57 | 4.06 | 1.28 | up | 3.55E-01 | 8.95E-01 | - | - | | | | |
| 1381104_at | LOC310188 | similar to ribonucleoside triphosphate E3 component n-recognition 2 | 305373 | Rn.67189 | BM387047 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 1.28 | down | 3.23E-01 | 8.95E-01 | - | - | | | | |
| 1392957_at | Stp2 | single-stranded DNA binding protein 2 | 361877 | Rn.137445 | BF566115 | 4.43 | 4.39 | 4.42 | 5.11 | 4.81 | 4.38 | 1.28 | down | 1.67E-01 | 8.95E-01 | - | - | | | | |
| 1390478_at | --- | --- | --- | Rn.20478 | AA11422 | 4.42 | 4.74 | 4.62 | 4.74 | 4.62 | 4.74 | 1.28 | down | 1.48E-01 | 8.95E-01 | - | - | | | | |
| 1383414_at | RGD1381117 | similar to 9930012K11R1 protein | 361066 | Rn.104174 | BC373072 | 3.50 | 2.55 | 2.53 | 2.46 | 2.60 | 2.46 | 1.28 | down | 3.37E-01 | 8.95E-01 | - | - | | | | |
| 1390502_at | Zfp111 | zinc finger protein 111 | 170489 | Rn.101638 | NM_133323 | 2.96 | 3.22 | 2.90 | 3.22 | 3.24 | 3.24 | 1.28 | up | 1.21E-01 | 8.95E-01 | - | - | | | | |
| 1370029_at | Cyab | Cyab | Rn.98208 | NM_012535 | 10.54 | 10.54 | 10.54 | 10.54 | 10.54 | 10.54 | 10.54 | 1.28 | down | 1.05E-01 | 8.95E-01 | - | - | | | | |
| 1380865_at | --- | --- | --- | Rn.147925 | BF403932 | 2.71 | 2.47 | 2.70 | 3.56 | 2.70 | 2.68 | 1.28 | down | 3.03E-01 | 8.95E-01 | - | - | | | | |
| 1382735_at | At12 | AT12 autothylated related 12 homolog (S. cerevisiae) | 361321 | Rn.16252 | BF953023 | 3.38 | 3.58 | 3.37 | 3.32 | 3.32 | 3.32 | 1.28 | down | 4.48E-01 | 8.95E-01 | - | - | | | | |
| 1373151_at | Amr2 | amr2 cytosolic arginine receptor nuclear translocator 2 | 25243 | Rn.10518 | AH174425 | 2.46 | 2.46 | 2.49 | 2.35 | 2.49 | 2.43 | 1.28 | down | 3.81E-01 | 8.95E-01 | - | - | | | | |
| 1374673_at | Med25 | mediator complex subunit 25 | 292889 | Rn.23798 | AA929231 | 3.37 | 3.32 | 3.32 | 3.57 | 4.07 | 3.36 | 1.28 | up | 1.70E-01 | 8.95E-01 | - | - | | | | |
| 1373023_at | --- | --- | --- | Rn.221807 | BF283070 | 6.06 | 6.06 | 6.06 | 6.06 | 6.06 | 6.06 | 1.28 | down | 3.98E-01 | 8.95E-01 | - | - | | | | |
| 1375892_at | --- | --- | --- | Rn.163833 | AB205265 | 6.03 | 5.05 | 5.25 | 5.60 | 5.80 | 5.99 | 1.28 | down | 3.29E-01 | 8.95E-01 | - | - | | | | |
| 1382823_at | PHF2 | outer dense fiber of sperm tails 2-like | 665425 | Rn.139568 | AH112900 | 3.63 | 4.33 | 2.62 | 2.64 | 3.05 | 3.82 | 1.28 | down | 5.86E-01 | 8.95E-01 | - | - | | | | |
| 1371897_at | Hm30 | Hm30 mobility group 3 | 305373 | Rn.20187 | BF985494 | 6.95 | 7.71 | 7.27 | 7.51 | 7.47 | 7.51 | 1.28 | down | 2.62E-01 | 8.95E-01 | - | - | | | | |
| 1374636_at | PHD1 | PHD finger protein 1 | 310352 | Rn.90588 | BE289586 | 5.85 | 7.55 | 7.00 | 7.11 | 7.04 | 7.32 | 1.28 | down | 5.23E-01 | 8.95E-01 | - | - | | | | |
| 1307990_at | Rp26 | Rp26 ribosomal protein 26 | 27103 | Rn.136398 | NM_012534 | 10.54 | 10.54 | 10.54 | 10.54 | 10.54 | 10.54 | 1.28 | down | 1.05E-01 | 8.95E-01 | - | - | | | | |
| 1398891_at | Tsp1 | TP53 regulated inhibitor of apoptosis 1 | 691278 | Rn.160892 | AH171951 | 7.65 | 7.88 | 7.88 | 7.40 | 6.95 | 7.79 | 1.28 | down | 2.34E-01 | 8.95E-01 | -</ | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | FCRAhouse | Residual | Unpaired t-test (Cis vs. Chi) (log) | REG | MTC | |
|------------|----------------------|---|----------|-----------------|-----------|----------------------|------------|------------|------------|------------|------------|-----------|----------|-------------------------------------|----------|----------|---|
| | | | | | | SEFP (Chi) | SEFP (Cis) | SEFP (Chi) | SEFP (Cis) | SEFP (Chi) | SEFP (Cis) | | | | | | |
| 1372300.at | Dok4 | docking protein 4 | 361364 | Rn.219052 | B128838 | 5.35 | 4.59 | 4.27 | 4.39 | 4.25 | 4.52 | 1.27 | down | 3.96E-01 | 8.95E-01 | - | |
| 1372301.at | Rousen | ribonucleic type III, nuclear | 310159 | Rn.41113 | B128838 | 5.64 | 5.01 | 5.11 | 6.08 | 5.65 | 5.71 | 1.27 | up | 1.96E-01 | 8.95E-01 | - | |
| 1372302.at | Poa2 | protein dehydrogenase carbonylase 2 (mitochondrial) | 361042 | Rn.325928 | B128838 | 2.49 | 2.40 | 2.42 | 3.14 | 2.50 | 2.71 | 1.27 | down | 1.45E-01 | 8.95E-01 | - | |
| 1374647.at | TRP1 | TRP receptor-associated protein 1 | 210789 | Rn.144695 | B128838 | 7.64 | 8.06 | 8.27 | 7.32 | 7.48 | 8.21 | 1.27 | up | 5.95E-01 | 8.95E-01 | - | |
| 1388450.at | --- | --- | --- | --- | B128838 | 2.61 | 2.17 | 2.07 | 6.78 | 3.67 | 3.78 | 1.27 | down | 6.08E-01 | 8.95E-01 | - | |
| 1395251.at | --- | --- | --- | --- | B128838 | 3.83 | 4.02 | 4.18 | 3.72 | 3.66 | 3.60 | 1.27 | down | 3.29E-02 | 8.95E-01 | - | |
| 1373886.at | Yc2 | glutathione S-transferase Yc2 subunit | 494500 | Rn.207831 | BF400832 | 3.23 | 2.64 | 2.43 | 2.42 | 2.44 | 2.38 | 1.27 | down | 2.23E-01 | 8.95E-01 | - | |
| 1378966.at | --- | --- | --- | --- | B128838 | 2.61 | 2.17 | 2.07 | 6.78 | 3.67 | 3.78 | 1.27 | down | 6.08E-01 | 8.95E-01 | - | |
| 1381533.at | Znfx9 | zinc finger protein 68 | 304337 | Rn.144939 | A155743 | 4.65 | 4.39 | 4.17 | 4.04 | 4.44 | 4.11 | 1.27 | down | 1.17E-01 | 8.95E-01 | - | |
| 1378659.at | Gda | guanine deaminase | 63855 | Rn.161897 | AF261572 | 4.33 | 5.59 | 5.17 | 5.23 | 5.67 | 5.22 | 1.27 | up | 4.33E-01 | 8.95E-01 | - | |
| 1378955.at | Sec14 | SEC14-like 2 (S. cerevisiae) | 365215 | Rn.32997 | BG371963 | 5.80 | 6.41 | 6.35 | 7.12 | 3.86 | 6.53 | 1.27 | up | 7.51E-01 | 8.95E-01 | - | |
| 1374308.at | Sec14 | SEC14-like 2 (S. cerevisiae) | 116486 | Rn.46850 | A157660 | 3.56 | 5.82 | 2.72 | 2.59 | 3.81 | 4.66 | 1.27 | down | 7.69E-01 | 9.24E-01 | - | |
| 1378322.at | 309988 // RGD1019620 | similar to Chain A, Solution Structure of The Bala-Like Protein From Mus Musculus | 502707 | 499996 // 64152 | B1275706 | 10.70 | 10.48 | 10.52 | 11.08 | 10.86 | 11.19 | 1.27 | up | 9.46E-02 | 8.95E-01 | - | |
| 1378952.at | --- | --- | --- | --- | Rn.203418 | A1010294 | 4.23 | 4.47 | 4.20 | 5.04 | 3.92 | 1.27 | down | 3.99E-01 | 8.95E-01 | - | |
| 1383837.at | --- | --- | --- | --- | Rn.15908 | AA925807 | 3.26 | 3.08 | 4.69 | 3.32 | 3.27 | 3.39 | 1.27 | down | 5.33E-01 | 8.95E-01 | - |
| 1385952.at | Rco1 | REST co-repressor 1 | 31958 | Rn.32217 | A1148222 | 3.42 | 3.85 | 3.18 | 3.19 | 2.87 | 3.00 | 1.27 | down | 4.75E-02 | 8.95E-01 | - | |
| 1389181.at | --- | --- | --- | --- | Rn.205765 | B128838 | 4.08 | 5.63 | 6.10 | 6.21 | 6.03 | 1.27 | down | 6.81E-01 | 8.95E-01 | - | |
| 1373006.at | Tmem171 | transmembrane protein 171 | 293634 | Rn.102124 | A1230091 | 3.47 | 2.68 | 2.80 | 2.58 | 2.65 | 2.67 | 1.27 | down | 2.31E-01 | 8.95E-01 | - | |
| 1372172.at | Nep1 | neuropilin-1 (avian) homolog (human) | 291136 | Rn.32745 | B128838 | 4.88 | 4.19 | 4.05 | 3.77 | 4.03 | 4.27 | 1.27 | down | 3.04E-01 | 8.95E-01 | - | |
| 1385552.at | Go2c | GRIP and coiled-coil domain containing 2 | 309798 | Rn.136579 | BG371715 | 6.84 | 6.54 | 6.03 | 6.90 | 6.60 | 6.95 | 1.27 | up | 2.52E-01 | 8.95E-01 | - | |
| 1372719.at | Tpm2 | tropomyosin 2 | 504540 | Rn.17580 | AA012755 | 6.28 | 2.00 | 3.51 | 5.30 | 4.40 | 3.91 | 1.27 | up | 1.74E-01 | 8.95E-01 | - | |
| 1376951.at | RGD1019620 | similar to Hepatocholesterol carcinoma-associated antigen 58 homolog | 318175 | Rn.39252 | BG370329 | 4.23 | 4.16 | 3.88 | 4.50 | 4.18 | 4.63 | 1.27 | up | 1.95E-01 | 8.95E-01 | - | |
| 1383328.at | Mdm2 | Mdm2 p53 binding protein (mouse) | 314856 | Rn.91829 | BE117716 | 7.45 | 6.07 | 7.16 | 6.60 | 6.39 | 6.65 | 1.27 | up | 4.63E-01 | 8.95E-01 | - | |
| 1380855.at | --- | --- | --- | --- | Rn.164618 | A1102609 | 5.74 | 6.22 | 4.42 | 5.57 | 5.47 | 4.38 | 1.27 | up | 6.01E-01 | 8.95E-01 | - |
| 1393911.at | Tgs1 | trimethylguanine synthase homolog (S. cerevisiae) | 312947 | Rn.48378 | BF406888 | 2.81 | 2.41 | 3.27 | 2.81 | 3.33 | 2.79 | 1.27 | down | 4.85E-01 | 8.95E-01 | - | |
| 1390969.at | --- | --- | --- | --- | A124008 | 4.17 | 5.38 | 4.92 | 4.93 | 5.29 | 5.29 | 1.27 | up | 4.03E-01 | 8.95E-01 | - | |
| 1386530.at | --- | --- | --- | --- | Rn.205013 | AA141981 | 3.18 | 2.70 | 2.48 | 2.46 | 2.45 | 2.41 | 1.27 | down | 1.72E-01 | 8.95E-01 | - |
| 1389888.at | --- | --- | --- | --- | B127823 | 6.75 | 7.43 | 6.86 | 7.03 | 7.44 | 7.61 | 1.27 | up | 2.71E-01 | 8.95E-01 | - | |
| 1387636.at | Hlx2 | helix leukemia virus subgroup C cellular receptor family, member 2 | 314323 | Rn.92963 | A1184046 | 2.35 | 2.61 | 2.42 | 2.56 | 3.20 | 2.87 | 1.27 | up | 1.77E-01 | 8.95E-01 | - | |
| 1381204.at | --- | --- | --- | --- | BF189651 | 3.28 | 2.34 | 2.35 | 2.34 | 2.36 | 2.36 | 1.27 | down | 3.27E-01 | 8.95E-01 | - | |
| 1378028.at | Hist2h3a | histone duster 3, H2a | 64846 | Rn.198889 | BF140595 | 3.65 | 4.89 | 4.89 | 3.94 | 3.94 | 4.31 | 1.27 | down | 4.37E-01 | 8.95E-01 | - | |
| 1382026.at | Prox2 | protein transcription factor 2 | 451538 | Rn.42437 | B128838 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 1.27 | down | 3.27E-01 | 8.95E-01 | - | |
| 1388514.at | Ppm1g | protein phosphatase 1G (formery C2), magnesium-dependent, gamma isozyme | 299229 | Rn.16969 | B128838 | 5.86 | 5.76 | 5.54 | 5.71 | 6.09 | 5.79 | 1.27 | up | 3.51E-01 | 8.95E-01 | - | |
| 1378059.at | --- | --- | --- | --- | BF116607 | 5.88 | 6.65 | 5.48 | 5.40 | 5.80 | 5.78 | 1.27 | down | 4.00E-01 | 8.95E-01 | - | |
| 1381391.at | --- | --- | --- | --- | BF116607 | 2.53 | 2.48 | 2.58 | 3.52 | 2.58 | 2.52 | 1.27 | down | 5.05E-01 | 8.95E-01 | - | |
| 1397557.at | Gztn1 | general transcription factor Iih, polypeptide 1 | 361580 | Rn.24733 | BF524412 | 2.90 | 3.36 | 3.20 | 3.21 | 3.21 | 3.21 | 1.27 | down | 4.48E-01 | 8.95E-01 | - | |
| 1383722.at | Xn2 | transmembrane protein 2 | 422229 | Rn.615 | BF187281 | 6.05 | 5.02 | 6.05 | 5.02 | 6.05 | 6.05 | 1.27 | down | 3.27E-01 | 8.95E-01 | - | |
| 1392795.at | Sema6a | Sema domain, transmembrane domain (TM), and cytoplasmic domain, (sema6a) | 361324 | Rn.203621 | AA985009 | 2.63 | 3.29 | 2.47 | 2.43 | 2.45 | 2.46 | 1.27 | down | 2.39E-01 | 8.95E-01 | - | |
| 1378667.at | Gpa3 | glycyl aspartate, gamma adaption ear containing, ARF binding protein 3 | 306658 | Rn.198912 | AA956006 | 3.53 | 4.35 | 3.23 | 3.42 | 4.57 | 4.15 | 1.27 | up | 5.06E-01 | 8.95E-01 | - | |
| 1382226.at | --- | --- | --- | --- | Rn.247101 | BF187281 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.27 | down | 1.95E-01 | 8.95E-01 | - |
| 1388230.at | --- | --- | --- | --- | Rn.207920 | BF193478 | 2.47 | 2.39 | 2.47 | 3.42 | 2.47 | 2.47 | 1.27 | up | 3.38E-01 | 8.95E-01 | - |
| 1370215.at | C1tb | complement component 1, subcomponent, beta polypeptide | 29687 | Rn.6702 | AA143057 | 2.48 | 2.47 | 2.50 | 2.47 | 3.35 | 2.67 | 1.27 | up | 2.61E-01 | 8.95E-01 | - | |
| 1384450.at | Rab22a | Rab22a, member RAS oncogene family | 309250 | Rn.40570 | A1220107 | 3.17 | 3.17 | 3.23 | 3.17 | 4.00 | 3.51 | 1.27 | down | 1.22E-01 | 8.95E-01 | - | |
| 1387225.at | LOC10192314 | hypothetical protein LOC10192314 | 10092314 | Rn.217950 | BF525175 | 2.31 | 2.44 | 2.32 | 3.14 | 2.32 | 2.64 | 1.27 | up | 2.29E-01 | 8.95E-01 | - | |
| 1381828.at | Slc29a2 | SLC29A2, beta-galactoside alpha-2,3-sialyltransferase 2 | 64442 | Rn.33216 | BF187281 | 2.57 | 2.42 | 2.32 | 2.35 | 2.43 | 2.99 | 1.27 | down | 5.17E-01 | 8.95E-01 | - | |
| 1384349.at | Pozr | protein translocase element with CNF domain | 310068 | Rn.103975 | AA177269 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 1.27 | down | 9.01E-01 | 8.95E-01 | - | |
| 1395989.at | Glm2 | G elongation factor, mitochondrial 2 | 294872 | Rn.219115 | BF140121 | 2.58 | 3.23 | 2.52 | 2.38 | 2.40 | 2.51 | 1.27 | down | 2.07E-01 | 8.95E-01 | - | |
| 1388775.at | Rpl15a | ribosomal protein S15a | 117053 | Rn.17053 | NM_103882 | 10.67 | 10.81 | 10.53 | 11.68 | 11.10 | 11.32 | 1.27 | up | 6.43E-02 | 8.95E-01 | - | |
| 1375797.at | Tmem121 | transmembrane protein 121 | 691678 | Rn.17349 | BF140386 | 2.46 | 2.44 | 2.51 | 2.43 | 2.95 | 3.05 | 1.27 | up | 1.46E-01 | 8.95E-01 | - | |
| 1374346.at | Dna12 | dimethylglycine dimethylglyoxylase 2 | 294239 | Rn.203056 | A1176924 | 5.04 | 5.14 | 4.68 | 4.68 | 4.63 | 4.77 | 1.27 | down | 2.13E-01 | 8.95E-01 | - | |
| 1370915.at | Dhnl1 | deoxyriboxylic/diacyltransferase, terminal, interacting protein 1 | 174437 | Rn.82700 | B128838 | 6.53 | 6.64 | 6.64 | 6.64 | 6.64 | 6.64 | 1.27 | down | 3.81E-01 | 8.95E-01 | - | |
| 1380859.at | --- | --- | --- | --- | Rn.11518 | AA891931 | 5.96 | 5.64 | 3.83 | 3.57 | 5.35 | 5.74 | 1.27 | up | 6.38E-01 | 8.95E-01 | - |
| 1378490.at | Ahp1p7 | Rho guanine nucleotide exchange factor (GEF) 17 protein rich 5 (yeast) | 303882 | Rn.166685 | BF378933 | 2.57 | 2.59 | 2.62 | 2.57 | 2.58 | 2.67 | 1.27 | up | 3.97E-01 | 8.95E-01 | - | |
| 1392583.at | Pn5 | protein kinase domain containing 5 | 315189 | Rn.30314 | AA122517 | 9.07 | 9.46 | 9.01 | 9.90 | 9.15 | 9.53 | 1.27 | up | 2.51E-01 | 8.95E-01 | - | |
| 1388292.at | Clec2b | C-type lectin domain family 7, member 3 | 310068 | Rn.198373 | AA104969 | 4.02 | 4.39 | 4.60 | 4.41 | 4.30 | 4.51 | 1.27 | up | 1.34E-01 | 8.95E-01 | - | |
| 1371944.at | Ube2a | ubiquitin-conjugating enzyme E2, alpha | 502902 | Rn.15743 | AA045955 | 2.40 | 2.40 | 3.75 | 3.89 | 3.47 | 3.43 | 1.27 | up | 5.94E-01 | 8.95E-01 | - | |
| 1378022.at | Lac2 | lactase, beta 2 | 363836 | Rn.163186 | AA077665 | 8.92 | 9.44 | 8.91 | 9.12 | 9.75 | 9.44 | 1.27 | up | 2.44E-01 | 8.95E-01 | - | |
| 1373703.at | --- | --- | --- | --- | Rn.13023 | AA109827 | 6.83 | 6.83 | 6.83 | 6.83 | 6.83 | 6.83 | 1.27 | down | 1.91E-01 | 8.95E-01 | - |
| 1390735.at | Khl2 | KT12 homolog, chromatin associated (S. cerevisiae) | 685556 | Rn.21980 | BG373000 | 3.64 | 4.40 | 3.57 | 3.61 | 3.61 | 3.46 | 1.27 | down | 1.38E-01 | 8.95E-01 | - | |
| 1376925.at | Nrk4 | nuclear factor related to kappa B binding protein | 315523 | Rn.96240 | B128838 | 2.49 | 2.45 | 2.51 | 2.72 | 3.29 | 2.48 | 1.27 | up | 2.27E-01 | 8.95E-01 | - | |
| 1388220.at | Acad8 | acyl-CoA oxidase 8, short/branched chain | 255119 | Rn.37799 | B128838 | 5.74 | 4.44 | 4.97 | 4.84 | 4.44 | 5.22 | 1.27 | down | 2.40E-01 | 8.95E-01 | - | |
| 1378304.at | Foxp1 | forkhead box P1 | 297480 | Rn.33321 | A1230954 | 3.44 | 3.75 | 2.97 | 3.06 | 3.27 | 3.06 | 1.27 | down | 2.30E-01 | 8.95E-01 | - | |
| 1372654.at | Eps8e2 | EPS8E2, cell cycle regulator | 361674 | Rn.23793 | B128838 | 8.19 | 8.79 | 8.41 | 8.10 | 8.22 | 8.04 | 1.27 | up | 1.36E-01 | 8.95E-01 | - | |
| 1379316.at | LOC498662 | hypothetical protein LOC498662 | 498662 | Rn.111716 | B128838 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | FCMhouse | Residual | Unpaired t-test vs Cn (p-value) | REG | MTC |
|-------------|-------------|---|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|---------------------------------|-----|-----|
| 137666_3_at | --- | --- | --- | --- | --- | 2.52 | 2.51 | 3.55 | 2.52 | 2.50 | 2.50 | 2.50 | 1.28 | down | 3.84E-01 | 9.95E-01 | --- | --- |
| 137671_1_at | Rkb | riboflavin kinase | 493228 | Rn.13390 | Bt264295 | 10.10 | 10.09 | 10.26 | 10.02 | 9.20 | 10.21 | 10.21 | 1.28 | down | 3.42E-01 | 9.95E-01 | --- | --- |
| 137672_1_at | Zfp920 | Zfp920 | 399773 | Rn.13393 | NM_017245 | 3.02 | 3.42 | 3.43 | 3.67 | 3.43 | 3.11 | 3.11 | 1.28 | down | 1.09E-01 | 9.95E-01 | --- | --- |
| 137673_1_at | Pp2c1b | protein phosphatase 2 (formerly 2a), regulatory subunit A (PR 65), beta isoform | 131568 | Rn.163017 | A0117788 | 8.15 | 8.49 | 8.70 | 8.03 | 8.13 | 8.16 | 8.16 | 1.28 | down | 1.09E-01 | 9.95E-01 | --- | --- |
| 137674_1_at | C13orf11 | C13orf11 | 351933 | Rn.163017 | NM_017245 | 11.33 | 11.33 | 11.40 | 11.40 | 11.40 | 11.40 | 11.40 | 1.28 | down | 1.09E-01 | 9.95E-01 | --- | --- |
| 137675_1_at | Cp8b | cleavage and polyadenylation specific factor | 299811 | Rn.164480 | B0293988 | 6.76 | 6.37 | 6.46 | 5.77 | 6.35 | 6.47 | 6.47 | 1.28 | down | 2.43E-01 | 9.95E-01 | --- | --- |
| 137676_1_at | Poly3 | polymerase (RNA) (DNA directed) polypeptide 6 (3SD) | 684545 | Rn.164480 | B0117925 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 1.28 | down | 6.96E-01 | 9.95E-01 | --- | --- |
| 137677_1_at | Rp25 | ribosomal protein L25 | 351933 | Rn.163017 | Rn.919127 | 5.62 | 5.62 | 5.62 | 5.62 | 5.62 | 5.62 | 5.62 | 1.28 | down | 1.09E-01 | 9.95E-01 | --- | --- |
| 137678_1_at | Pfn2 | profilin 2 | 81531 | Rn.203100 | NM_020873 | 3.00 | 2.77 | 3.00 | 2.92 | 3.09 | 3.18 | 3.18 | 1.28 | up | 2.33E-01 | 9.95E-01 | --- | --- |
| 137679_1_at | RGD1311307 | similar to 130001406Rn protein | 361238 | Rn.163017 | Rn.919127 | 2.22 | 2.39 | 2.42 | 2.41 | 2.40 | 2.39 | 2.39 | 1.28 | down | 3.74E-01 | 9.95E-01 | --- | --- |
| 137680_1_at | Actr1 | actin receptor type 1 like 1 | 25237 | Rn.103831 | NM_022441 | 3.13 | 2.87 | 3.13 | 2.87 | 2.76 | 2.78 | 2.78 | 1.28 | down | 2.05E-01 | 9.95E-01 | --- | --- |
| 137681_1_at | Kif21a | Kinesin family member 21A | 300158 | Rn.212622 | BF049466 | 4.66 | 4.82 | 4.29 | 4.39 | 4.80 | 4.28 | 4.28 | 1.28 | up | 6.09E-01 | 9.95E-01 | --- | --- |
| 137682_1_at | Znf36 | Zinc finger, CCHC domain containing 7 | 298066 | Rn.56971 | AK059711 | 4.74 | 4.85 | 4.84 | 5.58 | 5.07 | 4.79 | 4.79 | 1.28 | down | 2.22E-01 | 9.95E-01 | --- | --- |
| 137683_1_at | RGD1305713 | similar to RIKEN cDNA S110044N1 | 293059 | Rn.132828 | BG380502 | 3.88 | 4.43 | 3.95 | 3.87 | 3.54 | 3.84 | 3.84 | 1.28 | down | 1.69E-01 | 9.95E-01 | --- | --- |
| 137684_1_at | Cdc41c | pyridine and dCMP deaminase domain containing 1 | 310522 | Rn.203132 | BM386110 | 7.06 | 7.00 | 7.52 | 6.79 | 6.93 | 6.85 | 6.85 | 1.28 | down | 1.16E-01 | 9.95E-01 | --- | --- |
| 137685_1_at | Mai31 | male-specific, lethal 3-like 1 (Drosophila) | 317464 | Rn.7258 | B0110384 | 6.88 | 7.00 | 6.99 | 7.17 | 7.74 | 7.57 | 7.57 | 1.28 | up | 2.92E-01 | 9.95E-01 | --- | --- |
| 137686_1_at | LemD2 | LEM domain containing 2 | 361697 | Rn.4675 | A044972 | 2.41 | 2.49 | 2.41 | 2.15 | 2.23 | 2.58 | 2.58 | 1.28 | up | 4.25E-01 | 9.95E-01 | --- | --- |
| 137687_1_at | Epha2 | Eph receptor | 369492 | Rn.23415 | A002491 | 4.81 | 4.83 | 4.89 | 4.84 | 3.85 | 4.83 | 4.83 | 1.28 | down | 3.64E-01 | 9.95E-01 | --- | --- |
| 137688_1_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.28 | up | 6.94E-01 | 9.95E-01 | --- | --- |
| 137689_1_at | Dnajc10 | Dnaj (Hsp40) homolog, subfamily C, member 10 | 295990 | Rn.8842 | AH12034 | 6.18 | 5.69 | 5.39 | 5.98 | 5.97 | 6.32 | 6.32 | 1.28 | up | 2.59E-01 | 9.95E-01 | --- | --- |
| 137690_1_at | Celp2 | CCAAT/enhancer binding protein zeta | 362868 | Rn.204791 | BF287009 | 8.22 | 7.70 | 7.97 | 7.16 | 6.81 | 7.61 | 7.61 | 1.28 | down | 4.47E-01 | 9.95E-01 | --- | --- |
| 137691_1_at | Tyw1 | tyrosine tRNA synthetase domain 1 homolog (S. cerevisiae) | 304423 | Rn.163211 | BF139955 | 8.59 | 7.56 | 8.44 | 7.17 | 6.80 | 7.81 | 7.81 | 1.28 | down | 6.61E-01 | 9.95E-01 | --- | --- |
| 137692_1_at | RGD1306336 | similar to 1306336Rn protein | 297772 | Rn.271416 | B0287510 | 2.49 | 2.46 | 2.58 | 2.48 | 3.60 | 2.47 | 2.47 | 1.28 | up | 4.24E-01 | 9.95E-01 | --- | --- |
| 137693_1_at | Ptk2b | PTK2b protein tyrosine kinase 2 beta | 50646 | Rn.11025 | UB9109 | 3.72 | 4.22 | 2.24 | 3.83 | 3.55 | 3.80 | 3.80 | 1.28 | down | 6.05E-01 | 9.95E-01 | --- | --- |
| 137694_1_at | RGD1310444 | LCM363510 | 363015 | Rn.27612 | B0328894 | 2.83 | 2.53 | 2.79 | 3.52 | 2.83 | 2.82 | 2.82 | 1.28 | down | 2.47E-01 | 9.95E-01 | --- | --- |
| 137695_1_at | Senb8b | senza domain, transmembrane domain (TM), and cytoplasmic domain, (senza) similar to RIKEN cDNA 061011.14 gene | 84659 | Rn.87343 | NM_053471 | 2.47 | 2.73 | 2.47 | 2.46 | 3.76 | 2.45 | 2.45 | 1.28 | down | 4.88E-01 | 9.95E-01 | --- | --- |
| 137696_1_at | RGD1311066 | Senb8b | 296312 | Rn.52749 | B0118680 | 8.15 | 7.53 | 7.71 | 7.12 | 7.68 | 7.59 | 7.59 | 1.28 | down | 2.52E-01 | 9.95E-01 | --- | --- |
| 137697_1_at | Klf12 | Kinesin family member 12 | 315254 | Rn.32294 | B0288189 | 9.54 | 9.03 | 6.03 | 9.38 | 9.22 | 9.02 | 9.02 | 1.28 | up | 5.00E-01 | 9.95E-01 | --- | --- |
| 137698_1_at | Cp92 | Cp92 | 497847 | Rn.20961 | B0317659 | 6.92 | 7.77 | 5.15 | 4.23 | 5.86 | 6.98 | 6.98 | 1.28 | down | 5.75E-01 | 9.95E-01 | --- | --- |
| 137699_1_at | Map2k4 | mitogen activated protein kinase kinase 4 | 287398 | Rn.198875 | BM385937 | 6.27 | 3.99 | 2.88 | 2.65 | 2.88 | 3.00 | 3.00 | 1.28 | down | 4.96E-01 | 9.95E-01 | --- | --- |
| 137700_1_at | Fluc3b | Fluc3b | 217455 | Rn.163579 | Rn.217455 | 6.19 | 5.48 | 6.19 | 5.48 | 5.74 | 6.19 | 6.19 | 1.28 | down | 4.18E-01 | 9.95E-01 | --- | --- |
| 137701_1_at | Sid2 | SID1 transmembrane family, member 2 | 315617 | Rn.172197 | A0759643 | 6.42 | 6.95 | 5.30 | 6.63 | 6.15 | 6.60 | 6.60 | 1.28 | up | 5.62E-01 | 9.95E-01 | --- | --- |
| 137702_1_at | Wdr374 | winged helix MYTH integration site family, member 2B | 114466 | Rn.163529 | BF129973 | 2.95 | 3.14 | 3.15 | 3.11 | 3.00 | 3.11 | 3.11 | 1.28 | down | 4.19E-01 | 9.95E-01 | --- | --- |
| 137703_1_at | Fluc3a | Fluc3a | 414157 | Rn.222024 | BF356866 | 4.40 | 5.10 | 4.02 | 4.10 | 4.37 | 4.41 | 4.41 | 1.28 | down | 5.91E-01 | 9.95E-01 | --- | --- |
| 137704_1_at | Xm1 | 5'-3' exonuclease 1 | 300944 | Rn.13214 | B0104427 | 3.35 | 3.35 | 2.55 | 3.35 | 3.36 | 3.55 | 3.55 | 1.28 | up | 2.87E-01 | 9.95E-01 | --- | --- |
| 137705_1_at | Bai2p2 | death-associated kinase 2 | 117542 | Rn.187165 | B0105209 | 6.19 | 5.79 | 6.19 | 5.79 | 6.19 | 5.79 | 5.79 | 1.28 | down | 2.82E-01 | 9.95E-01 | --- | --- |
| 137706_1_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.28 | down | 3.72E-01 | 9.95E-01 | --- | --- |
| 137707_1_at | Mu1 | microtubulin ubiquitin ligase activator of NFKB 1 | 288776 | Rn.152339 | BM384731 | 3.52 | 3.52 | 3.66 | 3.52 | 2.65 | 3.51 | 3.51 | 1.28 | down | 3.14E-01 | 9.95E-01 | --- | --- |
| 137708_1_at | Mifc | RNA family inhibitor domain containing transcription elongation factor A (SII) like 1 | 302325 | Rn.18295 | A0411965 | 3.94 | 4.10 | 3.94 | 4.10 | 3.94 | 4.10 | 4.10 | 1.28 | down | 3.94E-01 | 9.95E-01 | --- | --- |
| 137709_1_at | Tosel1 | transcription elongation factor A (SII) like 1 | 302593 | Rn.41329 | BF148121 | 2.81 | 3.31 | 3.34 | 3.24 | 3.32 | 3.31 | 3.31 | 1.28 | down | 2.84E-01 | 9.95E-01 | --- | --- |
| 137710_1_at | Rnf8 | ring finger protein 8 | 301815 | Rn.12403 | BM384061 | 5.55 | 5.38 | 4.76 | 5.91 | 5.40 | 5.40 | 5.40 | 1.28 | up | 3.16E-01 | 9.95E-01 | --- | --- |
| 137711_1_at | Ctr | cytosolic fibronectin transmembrane conductance regulator homolog | 314839 | Rn.124335 | B0291439 | 5.19 | 5.19 | 5.19 | 5.19 | 5.19 | 5.19 | 5.19 | 1.28 | down | 1.17E-01 | 9.95E-01 | --- | --- |
| 137712_1_at | RGD1311257 | similar to C21070 protein | 294333 | Rn.22122 | B0288885 | 3.70 | 3.21 | 3.43 | 2.98 | 3.14 | 3.20 | 3.20 | 1.28 | down | 9.98E-01 | 9.95E-01 | --- | --- |
| 137713_1_at | Dnaj2 | Dnaj (Hsp40) homolog, subfamily C, member 2 | 295990 | Rn.8842 | AH12034 | 6.18 | 5.69 | 5.39 | 5.98 | 5.97 | 6.32 | 6.32 | 1.28 | up | 2.59E-01 | 9.95E-01 | --- | --- |
| 137714_1_at | Lnpnp | lysine/tyrosine aminopeptidase | 117105 | Rn.10614 | A0701891 | 5.16 | 6.22 | 5.07 | 5.22 | 6.40 | 5.85 | 5.85 | 1.28 | down | 1.13E-01 | 9.95E-01 | --- | --- |
| 137715_1_at | Elk3 | ELK3, member of ETS oncogene family | 362871 | Rn.205559 | A0789881 | 3.02 | 2.50 | 2.78 | 2.51 | 2.51 | 2.28 | 2.28 | 1.28 | down | 3.59E-01 | 9.95E-01 | --- | --- |
| 137716_1_at | Timmsf81 | transducer of inner mitochondrial membrane 8 homolog at (yeast) | 84383 | Rn.163243 | BF358381 | 6.84 | 7.17 | 7.33 | 6.88 | 6.45 | 7.00 | 7.00 | 1.28 | down | 3.76E-01 | 9.95E-01 | --- | --- |
| 137717_1_at | RGD1304377 | similar to hKIAA1086 protein | 314839 | Rn.41117 | BF224601 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.28 | down | 3.76E-01 | 9.95E-01 | --- | --- |
| 137718_1_at | C3orf94 | ERCC1-like S. cerevisiae | 301152 | Rn.15682 | A0701924 | 2.27 | 2.53 | 2.24 | 3.62 | 4.49 | 2.52 | 2.52 | 1.28 | down | 4.17E-01 | 9.95E-01 | --- | --- |
| 137719_1_at | Maf2 | Maf2 | 363502 | Rn.46889 | A0455887 | 2.56 | 2.55 | 3.63 | 2.61 | 2.59 | 2.53 | 2.53 | 1.28 | down | 4.02E-01 | 9.95E-01 | --- | --- |
| 137720_1_at | Pfam22 | proteasome (prosome, macropain) subunit, alpha type 2 | 29695 | Rn.16317 | A0805497 | 9.42 | 9.84 | 9.87 | 9.42 | 7.98 | 9.87 | 9.87 | 1.28 | down | 2.82E-01 | 9.95E-01 | --- | --- |
| 137721_1_at | Frag1 | FRG receptor activating protein 1 | 116875 | Rn.94200 | A0257612 | 6.21 | 2.59 | 2.51 | 2.96 | 2.64 | 2.51 | 2.51 | 1.28 | down | 8.30E-01 | 9.95E-01 | --- | --- |
| 137722_1_at | Xkfp4 | PK508 binding factor 4 | 203321 | Rn.23741 | B0113154 | 8.09 | 7.26 | 6.99 | 6.92 | 7.12 | 6.98 | 6.98 | 1.28 | down | 4.58E-01 | 9.95E-01 | --- | --- |
| 137723_1_at | Erb1 | erbB receptor tyrosine kinase, member A1 | 174533 | Rn.64584 | BF234933 | 7.44 | 7.53 | 7.64 | 7.15 | 7.04 | 7.53 | 7.53 | 1.28 | down | 5.82E-01 | 9.95E-01 | --- | --- |
| 137724_1_at | Xpo1 | exportin 1, CRM1 homolog (yeast) | 85252 | Rn.34087 | A0533924 | 3.96 | 4.78 | 4.62 | 4.21 | 5.15 | 4.98 | 4.98 | 1.28 | up | 4.30E-01 | 9.95E-01 | --- | --- |
| 137725_1_at | Crb | convergent extension factor 1, Drosophila | 306619 | Rn.16384 | B0288189 | 4.27 | 3.78 | 4.07 | 4.27 | 4.56 | 4.11 | 4.11 | 1.28 | down | 5.48E-01 | 9.95E-01 | --- | --- |
| 137726_1_at | Slic25a | solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23 | 301113 | Rn.411 | BF405288 | 4.23 | 5.28 | 5.09 | 5.39 | 4.23 | 4.07 | 4.07 | 1.28 | down | 5.64E-01 | 9.95E-01 | --- | --- |
| 137727_1_at | Gram12b | GRAM domain containing 12b | 300644 | Rn.204239 | A0175700 | 7.37 | 8.79 | 7.80 | 7.8 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MScore | Residual | Unpaired t-test Csis vs Chi (log2) | REG | MTC |
|-------------|-------------|--|----------------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------------------------------|----------|-----|
| | | | | | | SEPS (C2) | SEPS (C1) | SEPS (C3) | SEPS (C4) | SEPS (C5) | SEPS (C6) | | | | | |
| 1373276_at | Nfe2l1 | nuclear factor, erythroid derived 2, like 1 | 360610 | Rn.167338 | BM31303 | 5.73 | 5.73 | 5.31 | 6.08 | 5.80 | 5.88 | 1.28 | up | 1.14E-01 | 8.95E-01 | - |
| 1373113_at | B5-MR | membrane associated cDNA 5 (CHCH4) 8 | 312659 | Rn.48099 | AJ231778 | 7.31 | 7.59 | 7.72 | 7.62 | 7.60 | 8.19 | 1.28 | up | 1.88E-01 | 8.95E-01 | - |
| 1373176_at | RCD133683 | ... | 294769 | Rn.152386 | AK913022 | 5.17 | 5.73 | 6.33 | 4.93 | 5.38 | 5.19 | 1.28 | down | 3.12E-01 | 8.95E-01 | - |
| 1383884_at | ... | ... | ... | Rn.13480 | BM38978 | 2.99 | 2.88 | 6.41 | 2.82 | 4.82 | 3.44 | 1.28 | down | 8.17E-01 | 9.41E-01 | - |
| 1390917_at | ... | ... | ... | Rn.158489 | AK5528 | 5.28 | 5.58 | 5.73 | 5.65 | 5.55 | 5.55 | 1.28 | down | 1.17E-01 | 8.95E-01 | - |
| 1391254_at | ... | ... | ... | Rn.209982 | BF412722 | 3.42 | 2.46 | 2.47 | 2.43 | 2.47 | 2.46 | 1.28 | down | 3.57E-01 | 8.95E-01 | - |
| 1374852_at | Snr44 | snoring neuron 4 | 315871 | Rn.16406 | BE107598 | 5.72 | 6.55 | 6.48 | 6.58 | 6.48 | 6.68 | 1.28 | up | 2.94E-01 | 8.95E-01 | - |
| 1373190_at | Cov44 | COV4 transcription complex, subunit 4 | 312227 | Rn.152386 | AK913022 | 3.97 | 4.20 | 4.70 | 3.77 | 3.77 | 5.11 | 1.28 | down | 8.17E-01 | 9.41E-01 | - |
| 1382380_at | ... | ... | ... | Rn.206368 | BF389979 | 2.39 | 2.38 | 2.40 | 2.39 | 2.39 | 2.38 | 1.28 | up | 3.84E-01 | 8.95E-01 | - |
| 1388038_at | Serp1 | serpin family B member 1 | 263303 | Rn.167338 | BM38978 | 9.67 | 10.41 | 8.77 | 10.20 | 10.20 | 10.31 | 1.28 | up | 2.37E-01 | 8.95E-01 | - |
| 1393706_at | Stesl1 | stromal cell derived protein 1 | 297338 | Rn.157773 | BE109839 | 2.42 | 2.40 | 2.44 | 2.41 | 2.44 | 2.41 | 1.28 | up | 3.74E-01 | 8.95E-01 | - |
| 1381350_at | ... | ... | ... | Rn.167745 | AK17824 | 6.10 | 6.97 | 6.46 | 5.88 | 5.84 | 7.02 | 1.28 | down | 6.41E-01 | 8.95E-01 | - |
| 1372330_at | ... | ... | ... | Rn.98484 | AK001220 | 5.22 | 6.86 | 4.84 | 4.86 | 5.35 | 6.35 | 1.28 | up | 6.80E-01 | 8.95E-01 | - |
| 1384688_at | LOC680222 | similar to zinc finger protein 748 isoform 2 | 680222 | ... | AK070289 | 3.87 | 3.70 | 3.75 | 3.51 | 3.26 | 3.56 | 1.28 | down | 3.51E-02 | 8.95E-01 | - |
| 1383633_at | Tpm3 | tropomyosin 3, gamma | 117567 | Rn.37575 | BI209970 | 6.38 | 7.02 | 7.22 | 6.93 | 5.72 | 7.08 | 1.28 | down | 5.55E-01 | 8.95E-01 | - |
| 1382698_at | Gmps | guanine phosphatase synthetase | 295088 | Rn.12593 | BI203031 | 4.17 | 4.88 | 6.26 | 4.88 | 6.68 | 6.16 | 1.28 | up | 1.37E-01 | 8.95E-01 | - |
| 1383610_at | Angp10 | Rho GTPase activating protein 10 | 688429 | Rn.40405 | BI26127 | 4.72 | 4.69 | 4.88 | 4.57 | 4.60 | 4.23 | 1.28 | down | 3.77E-02 | 8.95E-01 | - |
| 1387890_at | Podn1/Su2 | podocin (in steric carrier protein 2) | 25411 313483 | Rn.887 | ME7675 | 9.12 | 9.47 | 9.89 | 9.04 | 9.00 | 9.55 | 1.28 | down | 3.48E-01 | 8.95E-01 | - |
| 1378895_at | Sbp3 | Splicing factor polycomb/immunine rich (polyprimidine tract binding protein) associated sodium channel, nonvoltage-gated 1 gamma | 228285 | Rn.54645 | BE113427 | 6.94 | 6.68 | 7.63 | 7.63 | 7.63 | 7.60 | 1.28 | up | 3.91E-01 | 8.95E-01 | - |
| 1370481_at | Scn1g1 | scn1g1 | 24765 | Rn.10360 | U37539 | 2.43 | 2.43 | 2.42 | 3.25 | 2.41 | 2.60 | 1.28 | up | 2.63E-01 | 8.95E-01 | - |
| 1378566_at | Ggpi1 | geranylgeranyl diphosphate synthase 1 | 291211 | Rn.54975 | AI10210 | 8.10 | 6.70 | 6.15 | 6.49 | 6.74 | 6.74 | 1.28 | down | 6.08E-01 | 8.95E-01 | - |
| 1397734_at | Ahn10 | ahlylase domain containing 10 | 303953 | Rn.19374 | AW52470 | 4.24 | 3.47 | 3.78 | 4.29 | 2.58 | 3.74 | 1.28 | down | 6.95E-01 | 8.95E-01 | - |
| 1391222_at | Nbtip1 | Nedd4 binding protein 1 | 291921 | Rn.13780 | AA65076 | 3.28 | 3.30 | 3.36 | 3.67 | 4.06 | 4.18 | 1.28 | up | 4.17E-01 | 8.95E-01 | - |
| 1370702_at | Sec1b10 | secreted and transmembrane 10 | 297884 | Rn.25020 | A030823 | 8.56 | 7.59 | 7.22 | 8.15 | 8.14 | 8.04 | 1.28 | up | 4.95E-01 | 8.95E-01 | - |
| 1371551_at | Tra4 | Tra receptor associated factor 4 | 303285 | Rn.3219 | BM38323 | 6.68 | 6.77 | 6.58 | 6.47 | 6.31 | 6.27 | 1.28 | down | 1.54E-02 | 8.95E-01 | - |
| 1372690_at | Tubgcp3 | tubulin, gamma complex associated protein 3 | 306599 | Rn.99777 | AI180420 | 2.59 | 2.78 | 3.41 | 2.60 | 2.59 | 2.59 | 1.28 | down | 2.57E-01 | 8.95E-01 | - |
| 1389596_at | Zfp52 | zinc finger protein 52 | 407984 | Rn.137198 | BF20039 | 3.89 | 3.81 | 3.14 | 3.99 | 3.77 | 3.86 | 1.28 | up | 2.21E-01 | 8.95E-01 | - |
| 1383719_at | Ptgn11 | Protein tyrosine phosphatase, non-receptor type 11 | 25622 | Rn.98209 | AI124665 | 5.68 | 6.64 | 6.42 | 6.81 | 6.08 | 6.55 | 1.28 | up | 4.39E-01 | 8.95E-01 | - |
| 1389876_at | Boi1 | lysine-associated gene 1 | 363149 | Rn.20698 | AI110759 | 9.32 | 9.72 | 9.55 | 9.15 | 9.30 | 9.14 | 1.28 | down | 6.08E-02 | 8.95E-01 | - |
| 1378651_at | Abat1 | ATPase family AAA domain containing 1 | 309532 | Rn.54918 | AA65076 | 7.36 | 7.37 | 8.65 | 7.32 | 7.26 | 7.26 | 1.28 | down | 3.66E-01 | 8.95E-01 | - |
| 1377777_at | Brn9 | bromodomain containing 9 | 300867 | Rn.20498 | BM310118 | 3.67 | 5.09 | 8.30 | 4.70 | 4.26 | 5.11 | 1.28 | down | 1.07E-01 | 9.07E-01 | - |
| 1378943_at | Ampo3 | adenosine nucleoside deaminase 3 | 25599 | Rn.11026 | NM_021524 | 2.62 | 2.71 | 2.68 | 2.62 | 2.71 | 2.68 | 1.28 | up | 2.26E-01 | 8.95E-01 | - |
| 138241_at | Ag2 | asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (invariant) | 313231 | Rn.98222 | A070513 | 2.91 | 3.57 | 2.32 | 2.38 | 2.44 | 2.37 | 1.28 | down | 4.05E-01 | 8.95E-01 | - |
| 1380381_at | Ag3 | asparagine-linked glycosylation 3, alpha-1,3-mannosyltransferase homolog (invariant) | 313231 | Rn.98222 | A070513 | 2.91 | 3.57 | 2.32 | 2.38 | 2.44 | 2.37 | 1.28 | down | 4.05E-01 | 8.95E-01 | - |
| 1376900_at | Pdgfrb | platelet derived growth factor receptor, beta polypeptide | 24829 | Rn.98311 | A071374 | 3.18 | 2.72 | 2.67 | 2.46 | 2.73 | 2.39 | 1.28 | down | 1.64E-01 | 8.95E-01 | - |
| 1374353_at | Ponp11 | phosphatidylethanolamine N-2-acetylglucosaminyltransferase G protein-coupled receptor 12 | 29307 | Rn.163208 | AK08108 | 4.21 | 4.08 | 2.21 | 4.09 | 4.08 | 4.21 | 1.28 | up | 6.83E-01 | 8.95E-01 | - |
| 1369870_at | Gpr182 | g-protein-coupled receptor 182 | 29307 | Rn.87119 | NM_053302 | 2.40 | 2.40 | 2.41 | 2.44 | 2.38 | 2.40 | 1.28 | up | 3.58E-01 | 8.95E-01 | - |
| 1388887_at | ... | ... | ... | Rn.202624 | AA65272 | 8.11 | 7.34 | 7.74 | 8.86 | 8.03 | 7.06 | 1.28 | down | 4.91E-01 | 8.95E-01 | - |
| 1393430_at | ... | ... | ... | Rn.11965 | BE069897 | 4.11 | 4.18 | 6.53 | 3.50 | 5.24 | 4.24 | 1.28 | up | 3.42E-01 | 8.95E-01 | - |
| 1383558_at | Eefce5 | eukaryotic elongation factor, eelenyosteine-RNA-specific | 500255 | Rn.11965 | BI20282 | 6.41 | 5.23 | 6.27 | 5.76 | 5.65 | 5.53 | 1.28 | down | 4.39E-01 | 8.95E-01 | - |
| 1380856_at | ... | ... | ... | Rn.142026 | BE12042 | 2.57 | 2.54 | 2.81 | 2.55 | 3.04 | 2.52 | 1.28 | up | 4.25E-01 | 8.95E-01 | - |
| 1376352_at | Fnc3c | fibrinogen type III domain containing 3B | 294325 | Rn.98323 | BE120542 | 5.84 | 5.85 | 4.89 | 6.43 | 5.13 | 6.00 | 1.28 | up | 5.45E-01 | 8.95E-01 | - |
| 1371879_at | Lmo42 | leucine rich repeat containing 42 | 298309 | Rn.98323 | BE110542 | 5.84 | 5.85 | 4.89 | 6.43 | 5.13 | 6.00 | 1.28 | up | 5.45E-01 | 8.95E-01 | - |
| 13714837_at | Hmg1d | high mobility group nucleosomal binding domain 1 | 291427 | Rn.1257 | AW53292 | 2.49 | 2.46 | 2.73 | 2.99 | 2.63 | 2.66 | 1.28 | up | 7.25E-01 | 8.95E-01 | - |
| 1378318_at | Ww3 | WW domain domain 3 | 488007 | Rn.27313 | BF420065 | 7.24 | 7.91 | 7.13 | 7.99 | 7.62 | 7.65 | 1.28 | up | 2.93E-01 | 8.95E-01 | - |
| 1381915_at | Serp1 | serpin family B member 1 | 246303 | Rn.203108 | BI209507 | 6.50 | 6.83 | 6.99 | 6.17 | 6.21 | 6.95 | 1.28 | down | 3.26E-01 | 8.95E-01 | - |
| 1388893_at | Krt16 | keratin family member 16 | 117454 | Rn.65226 | AA64554 | 6.11 | 2.41 | 4.91 | 4.29 | 4.03 | 4.29 | 1.28 | down | 1.42E-01 | 8.95E-01 | - |
| 1372798_at | Zhcn1b6 | zinc finger, DHHC-type containing 16 | 654496 | Rn.191489 | BF282175 | 5.43 | 5.48 | 5.18 | 5.55 | 4.83 | 5.69 | 1.28 | up | 5.48E-01 | 8.95E-01 | - |
| 1387915_at | Ssp3 | spicase, paralogic 3 (in chlamydomonas) | 362750 | Rn.13741 | AA65076 | 3.43 | 3.42 | 3.43 | 3.41 | 3.41 | 3.41 | 1.28 | up | 3.67E-01 | 8.95E-01 | - |
| 1373732_at | LOC456970 | similar to LOC456970 | 499770 | Rn.154986 | AW52367 | 5.23 | 5.97 | 4.52 | 5.58 | 5.55 | 5.58 | 1.28 | up | 4.78E-01 | 8.95E-01 | - |
| 1391280_at | Mts2 | malignant T cell amplified sequence 2 | 689500 | Rn.19540 | AW52363 | 5.05 | 6.09 | 6.13 | 5.82 | 6.25 | 6.18 | 1.28 | up | 4.37E-01 | 8.95E-01 | - |
| 1392096_at | ... | ... | ... | Rn.16486 | AK03688 | 3.44 | 3.84 | 3.89 | 4.55 | 3.65 | 4.09 | 1.28 | up | 3.88E-01 | 8.95E-01 | - |
| 1379890_at | ... | ... | ... | Rn.16486 | BF420785 | 4.14 | 3.94 | 4.71 | 3.57 | 4.20 | 4.03 | 1.28 | down | 3.35E-01 | 8.95E-01 | - |
| 1390545_at | ... | ... | ... | Rn.167307 | AI119155 | 6.41 | 5.52 | 4.94 | 6.28 | 6.42 | 6.72 | 1.28 | up | 3.87E-01 | 8.95E-01 | - |
| 1397708_at | LOC288978 | uniprot LOC288978 | 288978 | Rn.32029 | NM_053788 | 3.19 | 3.19 | 3.58 | 3.59 | 3.60 | 3.60 | 1.28 | up | 3.22E-01 | 8.95E-01 | - |
| 1386854_at | Cpn2 | complexin 2 | 116657 | Rn.10134 | NM_053878 | 2.90 | 2.86 | 3.02 | 3.23 | 2.99 | 2.94 | 1.28 | up | 3.20E-01 | 8.95E-01 | - |
| 1384073_at | ... | ... | ... | Rn.203492 | AK142061 | 12.23 | 12.23 | 12.23 | 11.69 | 11.69 | 12.65 | 1.28 | down | 1.42E-01 | 8.95E-01 | - |
| 1379815_at | Klnk5 | ketch domain containing 5 | 500367 | Rn.203842 | AK101501 | 3.35 | 3.90 | 3.22 | 3.78 | 3.20 | 4.47 | 1.28 | up | 4.86E-01 | 8.95E-01 | - |
| 1389376_at | Pn3 | PNA3 polyk specific ribonuclease subunit homolog (S. cerevisiae) | 360780 | Rn.19481 | BM387873 | 6.75 | 6.56 | 6.29 | 6.07 | 5.60 | 6.84 | 1.28 | down | 4.73E-01 | 8.95E-01 | - |
| 1389376_at | Meo29 | Meo29 family member 4 | 305393 | Rn.98360 | BI209509 | 6.56 | 6.56 | 2.86 | 2.86 | 2.86 | 2.86 | 1.28 | down | 3.88E-01 | 8.95E-01 | - |
| 1377654_at | Fam3a | family with sequence similarity 3, member A | 501664 | Rn.12310 | BE329336 | 6.81 | 6.99 | 6.65 | 7.33 | 6.50 | 7.65 | 1.28 | down | 6.55E-01 | 8.95E-01 | - |
| 1379403_at | Fcgt | FC fragment of IgG, receptor, transporter, alpha | 29558 | Rn.15946 | BE337820 | 3.30 | 2.78 | 2.48 | 2.83 | 2.35 | 2.40 | 1.28 | down | 3.13E-01 | 8.95E-01 | - |
| 1390274_at | ... | ... | ... | Rn.214897 | BE120542 | 4.95 | 6.25 | 6.15 | 6.23 | 6.15 | 6.17 | 1.28 | up | 6.54E-01 | 8.95E-01 | - |
| 1370029_at | Ctbp1 | C-terminal binding protein 1 | 29382 | Rn. | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEFP (Ct) | SEFP (CA) | SEFP (S) | SEFP (C) | SEFP (CA) | SEFP (S) | FC/MSouse | Resonance | Unpaired (Ct vs Ct) (triplicates) | REG | MTC |
|--------------|-------------|---|---------|------------|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|-----------|-----------------------------------|----------|-----|
| 1365330_a_at | RhoA | reproductive homeobox 9 | 296332 | BI289049 | AK054519 | 3.40 | 4.19 | 3.44 | 3.38 | 3.39 | 3.28 | 1.25 | down | 2.83E-01 | 1.95E-01 | - |
| 1365332_a_at | RhoA | reproductive homeobox 9 | --- | --- | AK054519 | 7.45 | 7.02 | 7.77 | 7.82 | 6.66 | 6.81 | 1.25 | down | 5.00E-01 | 8.95E-01 | - |
| 1365333_a_at | Po1b1 | polymerase (RNA) alpha 1 polypeptide B | 83582 | NM_017173 | AF056033 | 4.25 | 3.97 | 3.97 | 3.99 | 3.92 | 3.77 | 1.25 | down | 1.53E-01 | 8.95E-01 | - |
| 1365334_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | 24627 | U03303 | AF056033 | 3.79 | 3.52 | 3.80 | 3.42 | 3.47 | 4.09 | 1.25 | up | 5.58E-01 | 8.95E-01 | - |
| 1365335_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.38 | 5.96 | 5.70 | 6.49 | 6.28 | 6.58 | 1.25 | up | 5.52E-01 | 8.95E-01 | - |
| 1365336_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.51 | 4.06 | 5.40 | 5.21 | 5.57 | 5.79 | 1.25 | up | 3.50E-01 | 8.95E-01 | - |
| 1365337_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.78 | 4.15 | 5.68 | 6.33 | 6.15 | 6.28 | 1.25 | up | 3.46E-01 | 8.95E-01 | - |
| 1365338_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.51 | 7.25 | 6.84 | 7.79 | 8.04 | 6.75 | 1.25 | up | 5.00E-01 | 8.95E-01 | - |
| 1365339_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.01 | 5.88 | 5.55 | 6.28 | 6.47 | 6.17 | 1.25 | up | 3.44E-01 | 8.95E-01 | - |
| 1365340_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.90 | 8.50 | 8.34 | 8.01 | 8.60 | 8.45 | 1.25 | up | 1.54E-01 | 8.95E-01 | - |
| 1365341_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 8.80 | 8.98 | 8.86 | 9.03 | 9.35 | 9.22 | 1.25 | up | 3.96E-02 | 8.95E-01 | - |
| 1365342_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 3.52 | 3.80 | 3.72 | 3.36 | 3.35 | 3.36 | 1.25 | down | 1.73E-02 | 8.95E-01 | - |
| 1365343_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 9.67 | 9.83 | 10.06 | 9.38 | 9.33 | 9.69 | 1.25 | down | 1.44E-01 | 8.95E-01 | - |
| 1365344_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.73 | 5.50 | 5.52 | 5.88 | 5.80 | 6.04 | 1.25 | up | 3.38E-02 | 8.95E-01 | - |
| 1365345_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.39 | 2.93 | 4.53 | 4.62 | 2.90 | 3.27 | 1.25 | down | 8.92E-01 | 8.95E-01 | - |
| 1365346_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.14 | 6.24 | 5.39 | 5.96 | 6.55 | 6.22 | 1.25 | up | 3.68E-01 | 8.95E-01 | - |
| 1365347_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.67 | 2.92 | 3.47 | 3.18 | 3.09 | 3.64 | 1.25 | up | 3.18E-01 | 8.95E-01 | - |
| 1365348_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.49 | 5.40 | 4.81 | 5.03 | 5.48 | 5.15 | 1.25 | up | 3.43E-01 | 8.95E-01 | - |
| 1365349_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.43 | 2.48 | 2.52 | 3.43 | 2.45 | 2.52 | 1.25 | up | 3.69E-01 | 8.95E-01 | - |
| 1365350_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 3.15 | 3.28 | 3.35 | 3.28 | 3.35 | 4.02 | 1.25 | up | 2.30E-01 | 8.95E-01 | - |
| 1365351_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 8.01 | 9.25 | 8.34 | 8.78 | 8.78 | 9.00 | 1.25 | up | 4.42E-01 | 8.95E-01 | - |
| 1365352_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.11 | 7.08 | 6.27 | 7.28 | 7.08 | 7.08 | 1.25 | up | 3.15E-01 | 8.95E-01 | - |
| 1365353_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.42 | 3.93 | 3.93 | 3.33 | 4.04 | 3.18 | 1.25 | down | 5.33E-01 | 8.95E-01 | - |
| 1365354_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 8.84 | 7.04 | 7.88 | 8.80 | 7.29 | 6.89 | 1.25 | down | 4.24E-01 | 8.95E-01 | - |
| 1365355_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.41 | 5.33 | 5.25 | 5.24 | 6.08 | 5.64 | 1.25 | up | 2.68E-01 | 8.95E-01 | - |
| 1365356_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.26 | 3.90 | 4.68 | 4.09 | 4.11 | 3.67 | 1.25 | down | 2.97E-01 | 8.95E-01 | - |
| 1365357_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.28 | 5.31 | 5.05 | 4.80 | 4.53 | 5.35 | 1.25 | down | 2.76E-01 | 8.95E-01 | - |
| 1365358_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.39 | 3.52 | 3.29 | 2.59 | 3.90 | 3.66 | 1.25 | down | 5.78E-01 | 8.95E-01 | - |
| 1365359_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.60 | 6.29 | 6.41 | 6.40 | 5.77 | 5.97 | 1.25 | down | 5.60E-01 | 8.95E-01 | - |
| 1365360_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.85 | 2.57 | 2.90 | 2.87 | 3.51 | 2.91 | 1.25 | up | 2.40E-01 | 8.95E-01 | - |
| 1365361_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.12 | 6.20 | 6.23 | 6.02 | 6.29 | 6.05 | 1.25 | down | 3.46E-01 | 8.95E-01 | - |
| 1365362_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 3.63 | 4.76 | 5.43 | 5.42 | 3.68 | 3.75 | 1.25 | down | 7.01E-01 | 8.95E-01 | - |
| 1365363_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.11 | 5.61 | 5.11 | 5.14 | 4.45 | 5.02 | 1.25 | down | 6.17E-01 | 8.95E-01 | - |
| 1365364_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 12.72 | 12.94 | 12.68 | 12.97 | 12.98 | 13.33 | 1.25 | down | 9.48E-02 | 8.95E-01 | - |
| 1365365_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.72 | 8.27 | 8.67 | 7.84 | 8.16 | 7.90 | 1.25 | down | 3.68E-01 | 8.95E-01 | - |
| 1365366_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 8.87 | 8.24 | 8.87 | 8.24 | 8.13 | 8.13 | 1.25 | down | 5.33E-01 | 8.95E-01 | - |
| 1365367_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.47 | 2.42 | 2.47 | 2.45 | 3.44 | 2.44 | 1.25 | up | 3.96E-01 | 8.95E-01 | - |
| 1365368_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 3.49 | 3.73 | 3.57 | 4.27 | 3.32 | 4.05 | 1.25 | down | 3.23E-01 | 8.95E-01 | - |
| 1365369_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.46 | 2.52 | 2.95 | 2.46 | 2.48 | 3.04 | 1.25 | down | 1.75E-01 | 8.95E-01 | - |
| 1365370_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.16 | 7.22 | 5.89 | 7.19 | 6.38 | 7.66 | 1.25 | down | 6.09E-01 | 8.95E-01 | - |
| 1365371_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.82 | 7.06 | 6.62 | 7.06 | 6.62 | 7.06 | 1.25 | down | 6.09E-01 | 8.95E-01 | - |
| 1365372_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.15 | 6.47 | 6.78 | 6.31 | 6.27 | 6.87 | 1.25 | down | 6.13E-01 | 8.95E-01 | - |
| 1365373_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.21 | 6.75 | 6.11 | 6.63 | 6.66 | 6.74 | 1.25 | up | 1.86E-01 | 8.95E-01 | - |
| 1365374_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.81 | 4.87 | 4.48 | 4.48 | 4.48 | 4.48 | 1.25 | down | 4.81E-01 | 8.95E-01 | - |
| 1365375_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 9.81 | 9.81 | 9.07 | 9.39 | 9.31 | 7.47 | 1.25 | up | 4.20E-01 | 8.95E-01 | - |
| 1365376_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 5.43 | 5.43 | 7.42 | 5.39 | 5.43 | 7.42 | 1.25 | down | 1.58E-01 | 8.95E-01 | - |
| 1365377_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 3.24 | 4.06 | 4.88 | 3.32 | 3.93 | 3.97 | 1.25 | down | 5.71E-01 | 8.95E-01 | - |
| 1365378_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 4.90 | 4.07 | 5.08 | 4.87 | 4.68 | 4.35 | 1.25 | down | 1.19E-01 | 8.95E-01 | - |
| 1365379_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.81 | 8.46 | 7.85 | 8.30 | 8.30 | 8.47 | 1.25 | down | 6.82E-01 | 8.95E-01 | - |
| 1365380_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.79 | 8.58 | 8.67 | 8.97 | 8.34 | 8.68 | 1.25 | up | 3.92E-01 | 8.95E-01 | - |
| 1365381_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.41 | 7.25 | 6.81 | 6.78 | 6.29 | 6.67 | 1.25 | down | 5.38E-01 | 8.95E-01 | - |
| 1365382_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.25 | 6.05 | 6.18 | 6.34 | 6.29 | 6.60 | 1.25 | down | 5.88E-01 | 8.95E-01 | - |
| 1365383_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 10.03 | 9.22 | 9.43 | 9.36 | 9.45 | 8.91 | 1.25 | down | 3.39E-01 | 8.95E-01 | - |
| 1365384_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.25 | 6.25 | 5.39 | 6.25 | 6.25 | 6.25 | 1.25 | down | 6.81E-01 | 8.95E-01 | - |
| 1365385_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.56 | 6.96 | 5.69 | 6.21 | 5.88 | 6.18 | 1.25 | down | 4.58E-01 | 8.95E-01 | - |
| 1365386_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.70 | 6.85 | 7.71 | 7.58 | 7.79 | 7.25 | 1.25 | up | 3.86E-01 | 8.95E-01 | - |
| 1365387_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.39 | 3.31 | 2.39 | 3.31 | 2.39 | 3.31 | 1.25 | down | 3.31E-01 | 8.95E-01 | - |
| 1365388_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 7.73 | 8.13 | 7.50 | 7.75 | 6.62 | 7.03 | 1.25 | down | 5.34E-01 | 8.95E-01 | - |
| 1365389_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.80 | 2.80 | 2.80 | 2.80 | 2.74 | 2.80 | 1.25 | down | 3.35E-01 | 8.95E-01 | - |
| 1365390_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 2.41 | 2.45 | 2.40 | 2.40 | 2.41 | 2.51 | 1.25 | down | 1.02E-01 | 8.95E-01 | - |
| 1365391_a_at | Po1b4 | polymerase (RNA) alpha 4, cAMP-specific (phosphodiesterase 8) duncle homolo | --- | --- | U03303 | 6.45 | 6.55 | 5.40 | 6.67 | 5.26 | 6.53 | 1.25 | up | 7.48E-01 | 8.9 | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Ct) | SEFP (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | FCMhouse | Resuspension | Unpaired t-test C vs C (p-values) | REG | MTC |
|------------|--------------------|--|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|-----------------------------------|----------|-----|
| 1376824_at | --- | --- | --- | --- | AA081131 | 6.31 | 6.78 | 6.71 | 6.64 | 6.14 | 6.95 | 6.74 | 6.95 | 1.24 | up | 4.77E-01 | 8.95E-01 | --- | |
| 1393162_at | Scp5a | solute carrier family 39 (metal ion transporter), member 6 | 291733 | Rn.199415 | AB020779 | 2.71 | 2.81 | 3.27 | 2.72 | 2.44 | 2.72 | 2.72 | 2.72 | 1.24 | down | 1.94E-01 | 8.95E-01 | --- | |
| 1373565_at | Slc39a5 | soluble carrier family 39 (metal ion transporter), member 5 | 291733 | Rn.199415 | AB020779 | 2.71 | 2.81 | 3.27 | 2.72 | 2.44 | 2.72 | 2.72 | 2.72 | 1.24 | down | 1.94E-01 | 8.95E-01 | --- | |
| 1399000_at | At5g0456 | AT5G0456 protein, actin-dependent regulator of chromatin, ATPase, class II, type 9B | 291411 | Rn.127953 | A023289 | 3.28 | 3.39 | 3.29 | 3.53 | 3.54 | 3.98 | 3.98 | 3.98 | 1.24 | up | 1.71E-01 | 8.95E-01 | --- | |
| 1382825_at | --- | --- | --- | --- | U03203 | 3.23 | 3.33 | 3.23 | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 | 1.24 | down | 2.37E-01 | 8.95E-01 | --- | |
| 1393180_at | Ctcfp1 | CTD (carboxyl-terminal domain, RNA polymerase II, polypeptide A) small photo | 363249 | Rn.163070 | AB019492 | 6.11 | 5.80 | 5.62 | 5.25 | 5.69 | 5.67 | 5.74 | 5.74 | 1.24 | down | 2.09E-01 | 8.95E-01 | --- | |
| 1373391_at | Tmco1 | transmembrane and coiled-coil domains 1 | 289196 | Rn.89308 | BM030343 | 4.01 | 3.89 | 4.17 | 3.90 | 4.10 | 4.28 | 4.28 | 4.28 | 1.24 | down | 4.29E-01 | 8.95E-01 | --- | |
| 1369890_at | Ctcfp2 | CTD (carboxyl-terminal domain, RNA polymerase II, polypeptide A) small photo | 363249 | Rn.163070 | AB019492 | 6.11 | 5.80 | 5.62 | 5.25 | 5.69 | 5.67 | 5.74 | 5.74 | 1.24 | down | 2.09E-01 | 8.95E-01 | --- | |
| 1368991_at | Ophat | 5-oxoprolinase (ATP-hydrolyzing) | 116684 | Rn.3966 | NM_023904 | 7.38 | 7.97 | 7.02 | 7.18 | 6.67 | 7.67 | 7.67 | 7.67 | 1.23 | down | 4.21E-01 | 8.95E-01 | --- | |
| 1369147_at | Hect1 | Hect (homologous to the EAP (UBC3A) carboxyl terminus) domain and ROC bromodomain and PHD finger containing, 1 | 317571 | Rn.177065 | NM_023904 | 7.38 | 7.97 | 7.02 | 7.18 | 6.67 | 7.67 | 7.67 | 7.67 | 1.23 | down | 4.21E-01 | 8.95E-01 | --- | |
| 1373553_at | Bort1 | transmembrane protein 127 | 317571 | Rn.177065 | BE027309 | 2.82 | 2.89 | 2.69 | 2.85 | 2.70 | 2.84 | 2.81 | 2.81 | 1.23 | down | 2.66E-01 | 8.95E-01 | --- | |
| 1388835_at | Tmem127 | transmembrane protein 127 | 311405 | Rn.19881 | BE113372 | 9.50 | 9.45 | 10.09 | 10.27 | 9.81 | 9.87 | 9.87 | 9.87 | 1.23 | up | 2.94E-01 | 8.95E-01 | --- | |
| 1389005_at | --- | --- | --- | --- | BF400033 | 3.79 | 4.06 | 4.12 | 4.48 | 4.52 | 4.56 | 4.56 | 4.56 | 1.23 | down | 3.43E-01 | 8.95E-01 | --- | |
| 1394833_at | --- | --- | --- | --- | Rn.163888 | BE120930 | 2.65 | 3.00 | 2.66 | 3.07 | 2.65 | 2.60 | 2.60 | 1.23 | down | 5.48E-01 | 8.95E-01 | --- | |
| 1378610_at | --- | --- | --- | --- | GC378206 | 2.92 | 3.33 | 3.56 | 2.58 | 3.08 | 3.27 | 3.27 | 3.27 | 1.23 | down | 3.38E-01 | 8.95E-01 | --- | |
| 1378222_at | --- | --- | --- | --- | Rn.184949 | GC378206 | 2.92 | 3.33 | 3.56 | 2.58 | 3.08 | 3.27 | 3.27 | 1.23 | down | 3.38E-01 | 8.95E-01 | --- | |
| 1390351_at | --- | --- | --- | --- | Rn.81527 | AI231225 | 7.79 | 9.15 | 6.03 | 7.46 | 7.85 | 8.56 | 8.56 | 1.23 | up | 7.68E-01 | 9.24E-01 | --- | |
| 1390351_at | Wdr50 | Wulfsberg syndrome 1 homolog (human) | 83725 | Rn.16915 | NM_023904 | 5.08 | 2.42 | 2.49 | 3.88 | 3.22 | 3.62 | 3.62 | 3.62 | 1.23 | up | 7.57E-01 | 9.21E-01 | --- | |
| 1393236_at | Rok3 | RIO kinase 3 (yeast) | 361293 | Rn.203135 | AI173233 | 9.05 | 8.65 | 8.72 | 8.88 | 9.70 | 8.65 | 8.65 | 8.65 | 1.23 | down | 3.15E-01 | 8.95E-01 | --- | |
| 1378790_at | --- | --- | --- | --- | AW953379 | 2.61 | 2.56 | 2.61 | 2.57 | 2.60 | 3.54 | 3.54 | 3.54 | 1.23 | up | 3.94E-01 | 8.95E-01 | --- | |
| 1367787_at | Ica1 | yeast cell autoinhibin 1 | 811024 | Rn.1379 | NM_023904 | 2.30 | 2.29 | 2.24 | 2.30 | 2.33 | 2.25 | 2.25 | 2.25 | 1.23 | down | 3.88E-01 | 8.95E-01 | --- | |
| 1397801_at | --- | --- | --- | --- | Rn.55640 | BI289709 | 2.33 | 2.33 | 2.34 | 3.25 | 2.33 | 2.33 | 2.33 | 1.23 | up | 3.77E-01 | 8.95E-01 | --- | |
| 1367663_at | Gmbp | glia maturation factor, beta | 81661 | Rn.10454 | NM_023904 | 6.58 | 7.35 | 6.81 | 6.78 | 7.42 | 7.42 | 7.42 | 7.42 | 1.23 | down | 3.06E-01 | 8.95E-01 | --- | |
| 1376557_at | Rpl30 | ribosomal protein L30 | 311210 | Rn.213930 | GC377913 | 4.85 | 3.49 | 3.92 | 4.53 | 4.51 | 4.13 | 4.13 | 4.13 | 1.23 | down | 5.11E-01 | 8.95E-01 | --- | |
| 1378181_at | Rpl30 | ribosomal protein L30 | 311210 | Rn.213930 | GC377913 | 4.85 | 3.49 | 3.92 | 4.53 | 4.51 | 4.13 | 4.13 | 4.13 | 1.23 | down | 5.11E-01 | 8.95E-01 | --- | |
| 1382112_at | MOC22612 | Similar to expressed sequence AA4819175 | 495340 | Rn.17194 | BF398543 | 3.44 | 2.62 | 2.78 | 2.75 | 2.60 | 2.58 | 2.58 | 2.58 | 1.23 | down | 3.04E-01 | 8.95E-01 | --- | |
| 1382760_at | --- | --- | --- | --- | Rn.22915 | AA894841 | 4.34 | 3.23 | 3.42 | 3.41 | 3.41 | 3.27 | 3.27 | 1.23 | down | 4.28E-01 | 8.95E-01 | --- | |
| 1387605_at | 17 / Kng11 / Kng11 | knirrogen 1 // knirrogen 1-like 1 // knirrogen 2 | 25087 // 288 | Rn.44578 | NM_023904 | 3.42 | 2.62 | 2.64 | 2.62 | 2.55 | 2.60 | 2.60 | 2.60 | 1.23 | down | 3.16E-01 | 8.95E-01 | --- | |
| 1389843_at | Ync51 | Ync51-like 1 (S. cerevisiae) | 114217 | Rn.8153 | NM_023904 | 7.74 | 9.84 | 8.66 | 7.38 | 8.95 | 8.22 | 8.22 | 8.22 | 1.23 | down | 5.53E-01 | 8.95E-01 | --- | |
| 1389730_at | --- | --- | --- | --- | Rn.20365 | AI176502 | 8.78 | 9.39 | 8.17 | 8.58 | 8.87 | 8.97 | 8.97 | 1.23 | down | 2.12E-01 | 8.95E-01 | --- | |
| 1387740_at | Dgk2 | diacylglycerol kinase 2 | 81821 | Rn.11208 | NM_023904 | 4.73 | 5.15 | 4.73 | 4.48 | 4.39 | 4.83 | 4.83 | 4.83 | 1.23 | down | 1.97E-01 | 8.95E-01 | --- | |
| 1389530_at | Dgk2 | diacylglycerol kinase 2 | 81821 | Rn.11208 | NM_023904 | 4.73 | 5.15 | 4.73 | 4.48 | 4.39 | 4.83 | 4.83 | 4.83 | 1.23 | down | 1.97E-01 | 8.95E-01 | --- | |
| 1372840_at | Znf240 | zinc finger, BED-type containing 4 | 315211 | Rn.162962 | AI170289 | 6.89 | 6.86 | 6.84 | 6.79 | 6.12 | 7.02 | 7.02 | 7.02 | 1.23 | down | 5.80E-01 | 8.95E-01 | --- | |
| 1367601_at | Ctcfp3 | CTD (carboxyl-terminal domain, RNA polymerase II, polypeptide A) small photo | 363249 | Rn.163070 | AB019492 | 6.11 | 5.80 | 5.62 | 5.25 | 5.69 | 5.67 | 5.74 | 5.74 | 1.23 | down | 2.09E-01 | 8.95E-01 | --- | |
| 1395198_at | Rift14 | Rift14 (RING finger protein 14) | 362277 | Rn.49525 | BE099956 | 3.50 | 2.57 | 2.60 | 2.57 | 2.62 | 2.57 | 2.57 | 2.57 | 1.23 | down | 3.77E-01 | 8.95E-01 | --- | |
| 1367654_at | Fat1 | FAT tumor suppressor homolog 1 (Drosophila) | 83720 | Rn.8633 | NM_023904 | 8.94 | 9.19 | 9.19 | 9.41 | 8.92 | 9.50 | 9.50 | 9.50 | 1.23 | down | 5.73E-01 | 8.95E-01 | --- | |
| 1368418_at | Cp | cytochrome P-450 | 312777 | Rn.4266 | AI272022 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 1.23 | down | 4.32E-01 | 8.95E-01 | --- | |
| 1374444_at | Plexn1 | plexin B1 | 316009 | Rn.26773 | BI288540 | 4.13 | 4.70 | 3.74 | 4.36 | 4.36 | 4.45 | 4.45 | 4.45 | 1.23 | down | 4.52E-01 | 8.95E-01 | --- | |
| 1368595_at | Tmem174 | transmembrane protein 174 | Rn.122659 | Rn.17981 | BE027309 | 2.82 | 2.89 | 2.69 | 2.85 | 2.70 | 2.84 | 2.81 | 2.81 | 1.23 | down | 2.66E-01 | 8.95E-01 | --- | |
| 1370333_at | Serpw2 | serpin (or cysteine) peptidase inhibitor, clade F, member 2 | 287527 | Rn.15774 | GC377997 | 10.87 | 10.72 | 10.82 | 10.88 | 10.25 | 10.37 | 10.74 | 10.74 | 1.23 | down | 1.34E-01 | 8.95E-01 | --- | |
| 1367948_at | Kdr | kinase insert domain protein receptor | 25589 | Rn.88889 | U33037 | 6.15 | 5.78 | 5.86 | 6.44 | 5.88 | 6.28 | 6.28 | 6.28 | 1.23 | down | 5.01E-01 | 8.95E-01 | --- | |
| 1374241_at | --- | --- | --- | --- | Rn.147628 | AA046271 | 9.44 | 7.91 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 7.11 | 1.23 | down | 4.83E-01 | 8.95E-01 | --- |
| 1371203_at | Pknox1 | protein kinase C, iota | 84006 | Rn.1388 | AB020615 | 9.48 | 9.43 | 8.68 | 9.51 | 9.69 | 9.24 | 9.24 | 9.24 | 1.23 | down | 3.53E-01 | 8.95E-01 | --- | |
| 1381255_at | --- | --- | --- | --- | Rn.31236 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384039_at | --- | --- | --- | --- | Rn.20367 | BF398543 | 2.49 | 3.01 | 3.18 | 2.61 | 2.94 | 2.82 | 2.82 | 1.23 | down | 3.02E-01 | 8.95E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E-01 | --- | |
| 1384410_at | --- | --- | --- | --- | Rn.20367 | AA854474 | 4.63 | 2.47 | 2.49 | 2.68 | 2.79 | 3.43 | 3.43 | 1.23 | down | 6.98E-01 | 9.07E | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | SEPH (Cn) | FCMhouse | Resonance | Unpaired | Heat Cn vs Cnt (log2) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------------------|-----|-----|
| 139340 | Elmp2 | EGF-containing fibulin-like extracellular matrix protein 2 | 293677 | Rn.16151 | AI112299 | 2.62 | 2.35 | 2.46 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 1.21 | up | 5.04E-01 | 8.95E-01 | - | - |
| 139341 | Fz11 | FL3-interacting zinc finger 1 | 292584 | Rn.18880 | AI112338 | 2.63 | 4.41 | 4.29 | 4.41 | 3.18 | 4.58 | 4.58 | 4.58 | 4.58 | 1.21 | up | 7.9E-01 | 9.11E-01 | - | - |
| 139342 | Map3k | mitogen-activated protein kinase 3 | 50889 | Rn.72399 | AF158236 | 8.79 | 6.32 | 6.79 | 6.43 | 6.43 | 6.79 | 6.79 | 6.79 | 6.79 | 1.21 | down | 2.67E-01 | 8.95E-01 | - | - |
| 139343 | Kory14 | potassium inwardly-rectifying channel, subfamily 1, member 14 | 276720 | Rn.15434 | AF171104 | 3.28 | 2.40 | 2.41 | 2.39 | 2.46 | 2.40 | 2.41 | 2.40 | 2.40 | 1.21 | down | 3.93E-01 | 9.95E-01 | - | - |
| 139344 | Zfp455 | zinc finger protein 455 | 286979 | Rn.10684 | U07803 | 2.40 | 2.55 | 2.55 | 2.55 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 1.21 | up | 2.99E-01 | 8.95E-01 | - | - |
| 139345 | Rainbow3 | 5'-phosphoribosyltransferase, alpha subunit | 302934 | Rn.29434 | AF140960 | 2.90 | 3.87 | 3.87 | 3.87 | 3.87 | 3.87 | 3.87 | 3.87 | 3.87 | 1.21 | down | 1.63E-01 | 9.95E-01 | - | - |
| 139346 | Ml1 | myeloid/linfoid or mixed-lineage leukemia 1 | 315606 | Rn.62341 | AA65050 | 4.77 | 5.03 | 5.38 | 4.12 | 5.22 | 3.69 | 4.21 | 4.21 | 4.21 | 1.21 | down | 7.25E-01 | 9.13E-01 | - | - |
| 139347 | Adm1 | adhesion regulating molecule 1 | 61538 | Rn.16520 | NM_031708 | 5.73 | 6.57 | 6.18 | 6.70 | 5.83 | 5.87 | 5.87 | 5.87 | 5.87 | 1.21 | down | 1.75E-01 | 8.95E-01 | - | - |
| 139348 | H3f3b | H3 histone, family 3B | 117056 | Rn.18918 | AI177503 | 9.90 | 9.98 | 9.99 | 10.20 | 10.12 | 10.39 | 10.21 | 10.21 | 10.21 | 1.21 | up | 2.95E-02 | 8.95E-01 | - | - |
| 139349 | Reep3 | receptor accessory protein 6 | 362835 | Rn.3593 | BC379888 | 5.29 | 5.96 | 5.96 | 5.96 | 5.86 | 5.23 | 5.81 | 5.81 | 5.81 | 1.21 | up | 5.11E-01 | 8.95E-01 | - | - |
| 139350 | Mars | methionine tRNA synthetase | 298851 | Rn.140163 | BE112047 | 3.77 | 3.11 | 2.83 | 2.85 | 2.97 | 3.25 | 3.25 | 3.25 | 3.25 | 1.21 | down | 4.41E-01 | 8.95E-01 | - | - |
| 139351 | Rai31 | Rai31, Ras oncogene family | 291024 | Rn.28921 | BF410946 | 2.53 | 2.81 | 3.00 | 2.39 | 2.53 | 2.98 | 2.98 | 2.98 | 2.98 | 1.21 | down | 1.44E-01 | 8.95E-01 | - | - |
| 139352 | Fam45a | family with sequence similarity 46, member 1 | 300870 | Rn.788 | BE110270 | 2.34 | 2.35 | 2.36 | 2.60 | 2.35 | 2.93 | 2.93 | 2.93 | 2.93 | 1.21 | up | 1.70E-01 | 8.95E-01 | - | - |
| 139353 | Agp9 | asparagine-linked glycosylase 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae) | 307003 | Rn.13578 | AJ233937 | 4.74 | 5.78 | 4.75 | 4.72 | 4.51 | 5.47 | 5.47 | 5.47 | 5.47 | 1.21 | down | 6.02E-01 | 8.95E-01 | - | - |
| 139354 | Mtd4 | mRNA turnover 4 homolog (S. cerevisiae) | 298596 | Rn.21976 | BI246203 | 3.13 | 3.28 | 3.89 | 3.23 | 2.96 | 3.26 | 3.26 | 3.26 | 3.26 | 1.21 | down | 3.38E-01 | 8.95E-01 | - | - |
| 139355 | Huntingtin | huntingtin interacting protein 1 | 192154 | Rn.16399 | BE106555 | 3.25 | 3.25 | 3.27 | 3.29 | 4.10 | 3.23 | 3.23 | 3.23 | 3.23 | 1.21 | up | 3.76E-01 | 8.95E-01 | - | - |
| 139356 | Cnif3 | CNLF-like MARVEL transmembrane domain containing 3 | 281813 | Rn.15332 | BE329444 | 5.13 | 5.05 | 4.83 | 5.08 | 5.17 | 3.92 | 4.21 | 4.21 | 4.21 | 1.21 | down | 5.35E-01 | 8.95E-01 | - | - |
| 139357 | Hsd17b10 | hydroxysteroid (17 beta) dehydrogenase 10 | 63959 | Rn.21700 | NM_021882 | 11.80 | 11.48 | 11.71 | 11.20 | 11.12 | 11.53 | 11.53 | 11.53 | 11.53 | 1.21 | down | 1.05E-01 | 8.95E-01 | - | - |
| 139358 | Hs2b1 | heat shock protein 2 | 161476 | Rn.16486 | BF142119 | 2.27 | 2.26 | 2.27 | 2.27 | 2.32 | 2.26 | 2.26 | 2.26 | 2.26 | 1.21 | down | 3.79E-01 | 8.95E-01 | - | - |
| 139359 | Srs16 | splicing factor, arginine/serine-rich 16 | 499390 | Rn.17553 | AI030554 | 4.15 | 4.07 | 4.17 | 4.14 | 4.98 | 4.11 | 4.21 | 4.21 | 4.21 | 1.21 | down | 5.25E-01 | 8.95E-01 | - | - |
| 139360 | Znf520 | Zinc finger protein 52B | 311721 | Rn.16248 | BE117969 | 8.43 | 8.78 | 8.70 | 8.36 | 8.28 | 8.42 | 8.42 | 8.42 | 8.42 | 1.21 | down | 7.11E-02 | 8.95E-01 | - | - |
| 139361 | Ev1 | Ets variant 1 | 362733 | Rn.76536 | BI085498 | 6.67 | 5.34 | 7.17 | 7.08 | 6.88 | 6.06 | 6.21 | 6.21 | 6.21 | 1.21 | down | 6.80E-01 | 9.95E-01 | - | - |
| 139362 | Cox17 | cytochrome c oxidase, subunit XVII assembly protein homolog (S. cerevisiae) | 87876 | Rn.15207 | NM_033440 | 9.23 | 9.66 | 9.43 | 9.37 | 9.60 | 9.13 | 9.13 | 9.13 | 9.13 | 1.21 | down | 1.63E-01 | 8.95E-01 | - | - |
| 139363 | Tacc21 | TACC2 domain family, member 1 | 498545 | Rn.35475 | AI713334 | 5.02 | 4.93 | 5.22 | 4.71 | 4.62 | 4.71 | 4.71 | 4.71 | 4.71 | 1.21 | down | 1.88E-01 | 8.95E-01 | - | - |
| 139364 | Wnt5b | wntless-type Wnt/PCP integrator site family, member 5B | 298545 | Rn.20724 | NM_033043 | 11.15 | 11.30 | 11.58 | 11.53 | 11.67 | 11.67 | 11.67 | 11.67 | 11.67 | 1.21 | up | 1.10E-01 | 8.95E-01 | - | - |
| 139365 | Me28 | mediator complex subunit 28 | 305391 | Rn.34890 | AB539887 | 3.97 | 3.63 | 3.89 | 4.23 | 3.55 | 6.07 | 6.07 | 6.07 | 6.07 | 1.21 | down | 7.67E-01 | 9.95E-01 | - | - |
| 139366 | Px1 | Px1, B-cell leukemia homeobox 1 | 202189 | Rn.202189 | AI202189 | 4.12 | 4.12 | 4.12 | 4.12 | 4.12 | 4.12 | 4.12 | 4.12 | 4.12 | 1.21 | up | 5.97E-01 | 8.95E-01 | - | - |
| 139367 | Bcl11 | BCL2 associated transcription factor 1 | 202183 | Rn.202183 | BI202183 | 4.36 | 4.01 | 3.40 | 4.03 | 3.78 | 4.80 | 4.80 | 4.80 | 4.80 | 1.21 | up | 5.40E-01 | 8.95E-01 | - | - |
| 139368 | RGDI30280 | Similar to RIKEN cDNA 573045A08 | 309045 | Rn.73895 | AI171954 | 7.64 | 7.81 | 7.22 | 8.01 | 7.72 | 7.77 | 7.77 | 7.77 | 7.77 | 1.21 | up | 2.29E-01 | 8.95E-01 | - | - |
| 139369 | in9 | In9 homolog (C. elegans) (i) similar to lin9 homolog (C. elegans) | 308888 | Rn.214693 | BF406563 | 5.25 | 4.12 | 5.25 | 4.28 | 4.72 | 4.81 | 4.81 | 4.81 | 4.81 | 1.21 | down | 5.36E-01 | 8.95E-01 | - | - |
| 139370 | Ulnv1 | Similar to RIKEN cDNA 863019K08 | 308888 | Rn.1895858 | BE208811 | 9.48 | 9.48 | 9.48 | 9.48 | 9.48 | 9.48 | 9.48 | 9.48 | 9.48 | 1.21 | up | 2.13E-01 | 8.95E-01 | - | - |
| 139371 | RGDI160784 | Similar to RIKEN cDNA 863019K08 | 308888 | Rn.383449 | AI138882 | 2.47 | 2.53 | 2.50 | 3.29 | 2.53 | 2.52 | 2.52 | 2.52 | 2.52 | 1.21 | up | 3.38E-01 | 8.95E-01 | - | - |
| 139372 | CCm25 | cell division cycle 2-like 5 (chromatinase-related cell division controller) | 309996 | Rn.23420 | AI170080 | 3.96 | 4.40 | 4.74 | 3.82 | 5.56 | 4.49 | 4.49 | 4.49 | 4.49 | 1.21 | up | 4.42E-01 | 8.95E-01 | - | - |
| 139373 | Cub2 | Cub2 binding factor, beta subunit | 301944 | Rn.71038 | BF102504 | 6.74 | 6.84 | 6.84 | 7.20 | 6.80 | 6.80 | 6.80 | 6.80 | 6.80 | 1.21 | down | 6.17E-01 | 8.95E-01 | - | - |
| 139374 | Cam1g | calcium modulating ligand | 81715 | Rn.63999 | NM_033334 | 4.04 | 4.11 | 4.46 | 4.48 | 3.12 | 3.81 | 3.81 | 3.81 | 3.81 | 1.21 | down | 6.17E-01 | 8.95E-01 | - | - |
| 139375 | Phk2b | phosphatidylinositol 4-kinase type 2 beta | 305419 | Rn.32386 | AA699041 | 3.91 | 4.45 | 4.01 | 2.91 | 4.23 | 4.40 | 4.40 | 4.40 | 4.40 | 1.21 | down | 6.06E-01 | 8.95E-01 | - | - |
| 139376 | LOC63993 | Similar to Nucleoporin Nu42 | 683983 | Rn.216533 | AA407405 | 2.54 | 2.54 | 2.55 | 2.86 | 2.55 | 3.00 | 3.00 | 3.00 | 3.00 | 1.21 | up | 1.31E-01 | 8.95E-01 | - | - |
| 139377 | Vpn2a | Vpn2a, non-muscle myosin II (S. pombe) | 381846 | Rn.31846 | BI085059 | 6.33 | 6.45 | 6.19 | 5.77 | 6.19 | 6.19 | 6.19 | 6.19 | 6.19 | 1.21 | down | 5.83E-02 | 8.95E-01 | - | - |
| 139378 | Ahgap11a | Rho GTPase activating protein 11A | 296000 | Rn.51673 | BE109109 | 2.44 | 2.49 | 2.45 | 2.43 | 3.06 | 2.73 | 2.73 | 2.73 | 2.73 | 1.21 | up | 2.03E-01 | 8.95E-01 | - | - |
| 139379 | Dusp6 | Dual specificity phosphatase 6 | 116663 | Rn.41373 | BE101559 | 7.73 | 7.73 | 7.59 | 7.13 | 6.93 | 6.93 | 6.93 | 6.93 | 6.93 | 1.21 | up | 5.58E-01 | 8.95E-01 | - | - |
| 139380 | Ap2 | adenomatous polyposis coli 2 | 164488 | Rn.164488 | AA805895 | 6.93 | 6.15 | 7.02 | 6.97 | 6.62 | 6.67 | 6.67 | 6.67 | 6.67 | 1.21 | down | 6.03E-01 | 8.95E-01 | - | - |
| 139381 | Cenpn | centromere protein N | 361416 | Rn.65502 | BI205449 | 4.17 | 4.16 | 3.81 | 3.99 | 4.49 | 4.12 | 4.12 | 4.12 | 4.12 | 1.21 | up | 3.36E-01 | 8.95E-01 | - | - |
| 139382 | Mps1 | Mps1, mitotic spindle position 1 | 301344 | Rn.84185 | BE110282 | 4.63 | 4.62 | 4.08 | 3.89 | 4.08 | 3.91 | 3.91 | 3.91 | 3.91 | 1.21 | down | 2.12E-01 | 8.95E-01 | - | - |
| 139383 | Ap2c | adenomatous polyposis coli 2 | 299611 | Rn.168155 | BI205452 | 2.42 | 2.35 | 2.36 | 2.36 | 3.27 | 2.59 | 2.59 | 2.59 | 2.59 | 1.21 | up | 4.13E-01 | 8.95E-01 | - | - |
| 139384 | Tcof1 | tubulin-specific chaperone 1 | 306683 | Rn.98527 | BE110235 | 8.57 | 8.73 | 8.59 | 7.90 | 8.66 | 8.48 | 8.48 | 8.48 | 8.48 | 1.21 | up | 7.13E-01 | 8.95E-01 | - | - |
| 139385 | Cn47 | Calcium and voltage-activated potassium channel subunit 7, 50kDa | 292078 | Rn.206669 | BE110235 | 5.76 | 5.95 | 5.75 | 5.99 | 5.56 | 6.74 | 6.74 | 6.74 | 6.74 | 1.21 | up | 3.28E-01 | 9.13E-01 | - | - |
| 139386 | Hsp90 | heat shock protein 90 class B family class A member 1 | 305826 | Rn.305826 | BE109075 | 5.86 | 5.83 | 5.74 | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 5.86 | 1.21 | up | 1.68E-01 | 8.95E-01 | - | - |
| 139387 | Ap2c | adenomatous polyposis coli 2 | 299611 | Rn.164488 | AA805895 | 6.93 | 6.92 | 7.20 | 7.07 | 6.54 | 6.61 | 6.61 | 6.61 | 6.61 | 1.21 | down | 2.16E-01 | 8.95E-01 | - | - |
| 139388 | Ech1 | enoyl coenzyme A hydratase 1, peroxisomal | 64526 | Rn.6148 | NM_022594 | 9.41 | 10.18 | 9.50 | 9.41 | 9.25 | 9.60 | 9.25 | 9.25 | 9.25 | 1.21 | down | 3.51E-01 | 8.95E-01 | - | - |
| 139389 | Hsp60 | heat shock protein 60 | 17240 | Rn.43948 | NM_133354 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 2.83 | 1.21 | up | 2.58E-01 | 8.95E-01 | - | - |
| 139390 | Mpg44 | mitochondrial ribosomal protein L44 | 301552 | Rn.3298 | AA503444 | 8.06 | 8.55 | 7.69 | 8.49 | 8.23 | 8.42 | 8.42 | 8.42 | 8.42 | 1.21 | up | 3.44E-01 | 8.95E-01 | - | - |
| 139391 | Irk1 | IRK domain containing protein 1 | 170522 | Rn.95042 | NM_133409 | 8.30 | 8.77 | 8.69 | 8.67 | 8.68 | 7.42 | 7.42 | 7.42 | 7.42 | 1.21 | up | 7.64E-01 | 9.17E-01 | - | - |
| 139392 | Col21b1 | collagen and C2 domain containing 1B | 313478 | Rn.3265 | BI274151 | 5.87 | 5.71 | 4.29 | 4.68 | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MSouse | Resonance | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|-------------|-------------|---|---------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | | | | | | |
| 1370565_at | --- | --- | --- | --- | AF057564 | 4.41 | 4.77 | 5.21 | 4.96 | 4.23 | 4.60 | 1.20 | down | 5.28E-01 | 9.95E-01 | --- | --- |
| 1380662_at | Acv2 | Angiotensin I converting enzyme (peptidyl-di-peptidase A) 2 | 302668 | Rn_129779 | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1379451_at | Patn1 | Protein tyrosine phosphatase 45 | 302668 | Rn_381169 | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1380676_at | Cd82 | Cd82 molecule | 302668 | Rn_30322 | NM_031797 | 5.67 | 5.42 | 5.37 | 5.47 | 4.83 | 5.36 | 1.20 | down | 2.92E-01 | 9.95E-01 | --- | --- |
| 1380745_at | Dd39c | LOC45787 (Asp-Glu-Ala-Asp) box polypeptide 39 | 302668 | Rn_161788 | NM_031797 | 5.67 | 5.42 | 5.37 | 5.47 | 4.83 | 5.36 | 1.20 | down | 6.77E-01 | 9.95E-01 | --- | --- |
| 1379518_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1381347_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1384626_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1394226_at | Tm6p1 | transferrin and immunoglobulin domain containing 1 | 383654 | Rn_13478 | AA83147 | 9.64 | 10.31 | 9.24 | 9.54 | 10.14 | 10.31 | 1.20 | up | 5.32E-01 | 9.95E-01 | --- | --- |
| 1377678_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1373731_at | PH3 | Protein tyrosine phosphatase 3 | 383210 | Rn_21075 | BF46581 | 6.67 | 6.41 | 6.68 | 5.68 | 6.04 | 6.55 | 1.20 | down | 4.95E-01 | 9.95E-01 | --- | --- |
| 1378665_at | RGD1563106 | similar to novel protein | 303328 | Rn_203763 | AA98989 | 4.96 | 5.07 | 4.32 | 5.52 | 4.35 | 5.28 | 1.20 | up | 6.97E-01 | 9.95E-01 | --- | --- |
| 1374951_at | Brc1 | BRF2 subunit of RNA polymerase III transcription initiation factor, BRF1-like round spermatid basic protein 1 | 310749 | Rn_38954 | BI28944 | 2.47 | 2.45 | 3.03 | 2.44 | 2.45 | 2.72 | 1.20 | down | 4.95E-01 | 9.95E-01 | --- | --- |
| 1389815_at | Rubn1 | Rubn1 | 310749 | Rn_38954 | BI28944 | 2.47 | 2.45 | 3.03 | 2.44 | 2.45 | 2.72 | 1.20 | down | 6.05E-01 | 9.95E-01 | --- | --- |
| 1372999_at | Doun1e5 | DCN1, defective in cullin neddylation 1, domain containing 5 (S. cerevisiae) | 314505 | Rn_103938 | AI11216 | 7.22 | 7.97 | 8.37 | 7.43 | 7.38 | 7.95 | 1.20 | down | 5.26E-01 | 9.95E-01 | --- | --- |
| 1383110_at | Kb24 | kb24-like 24 (Drosophila) | 303933 | Rn_161169 | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1389889_at | --- | --- | --- | --- | AA83147 | 9.64 | 10.31 | 9.24 | 9.54 | 10.14 | 10.31 | 1.20 | up | 4.65E-01 | 9.95E-01 | --- | --- |
| 1389815_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1387415_at | Sub55 | subunit 55 of the 26S proteasome | 61022 | Rn_96029 | AF11889 | 3.37 | 3.23 | 2.77 | 2.62 | 2.75 | 3.19 | 1.20 | down | 3.45E-01 | 9.95E-01 | --- | --- |
| 1371735_at | Xyl1f | xylanase 1 | 64133 | Rn_162490 | AA257448 | 3.21 | 2.62 | 2.66 | 2.63 | 2.63 | 2.42 | 1.20 | down | 2.68E-01 | 9.95E-01 | --- | --- |
| 1388836_at | Enp2c | ectonucleoside diphosphate phosphodiesterase 2 | 64050 | Rn_20043 | NM_057104 | 7.32 | 7.50 | 7.15 | 7.45 | 7.50 | 7.82 | 1.20 | up | 1.63E-01 | 9.95E-01 | --- | --- |
| 1373544_at | Zfp36c2 | Zinc finger protein 36, C3H type 2 | 298765 | Rn_22055 | BF41884 | 3.91 | 4.09 | 4.13 | 3.52 | 3.92 | 3.91 | 1.20 | down | 1.45E-01 | 9.95E-01 | --- | --- |
| 1380654_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1380654_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1380284_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1381474_at | Med14 | mediator complex subunit 14 | 317343 | Rn_17025 | AA83611 | 7.04 | 5.93 | 6.00 | 5.57 | 6.33 | 6.87 | 1.20 | down | 6.22E-01 | 9.95E-01 | --- | --- |
| 1380422_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1387513_at | Cy3b | cytochrome 3 | 116693 | Rn_10673 | NM_053912 | 2.36 | 2.35 | 2.37 | 2.36 | 3.17 | 2.35 | 1.20 | up | 3.87E-01 | 9.95E-01 | --- | --- |
| 1389383_at | Wp54 | WD repeat domain 54 | 500228 | Rn_22011 | AI17908 | 4.28 | 4.05 | 4.68 | 4.33 | 4.26 | 5.00 | 1.20 | up | 1.55E-01 | 9.95E-01 | --- | --- |
| 1381384_at | --- | --- | --- | --- | AA95009 | 6.04 | 5.88 | 6.23 | 5.20 | 5.98 | 6.19 | 1.20 | down | 4.54E-01 | 9.95E-01 | --- | --- |
| 1387790_at | --- | --- | --- | --- | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1382219_at | RGD1307509 | similar to RIKEN cDNA 170010822 | 310348 | Rn_7988 | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1379075_at | Mbo2c | membrane bound O-nucleoside diphosphate domain containing 2 | 313997 | Rn_35322 | AA95287 | 4.05 | 2.67 | 2.56 | 3.33 | 2.59 | 2.59 | 1.20 | down | 6.50E-01 | 9.95E-01 | --- | --- |
| 1379075_at | --- | --- | --- | --- | AA95287 | 4.05 | 2.67 | 2.56 | 3.33 | 2.59 | 2.59 | 1.20 | down | 6.50E-01 | 9.95E-01 | --- | --- |
| 1387926_at | Dck | deoxycytidine kinase | 298765 | Rn_22055 | BF41884 | 3.91 | 4.09 | 4.13 | 3.52 | 3.92 | 3.91 | 1.20 | down | 1.45E-01 | 9.95E-01 | --- | --- |
| 1380991_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1382929_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1374931_at | Mrg4p | mitochondrial ribosomal protein L40 | 287962 | Rn_3831 | AA84346 | 2.98 | 4.16 | 4.94 | 3.30 | 4.42 | 3.56 | 1.20 | down | 7.10E-01 | 9.95E-01 | --- | --- |
| 1377077_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1377686_at | Ggpl1 | geranylgeranyl diphosphate synthase 1 | 291211 | Rn_54975 | AI232147 | 5.36 | 5.28 | 4.69 | 5.53 | 5.28 | 5.33 | 1.20 | up | 3.04E-01 | 9.95E-01 | --- | --- |
| 1382965_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1389815_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1383310_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1387567_at | Ggl1 | golgi apparatus protein 1 | 29476 | Rn_89096 | NM_017211 | 3.08 | 4.75 | 5.00 | 4.86 | 3.96 | 4.71 | 1.20 | down | 6.06E-01 | 9.95E-01 | --- | --- |
| 1382527_at | Tost1 | Tou1-like domain containing 1 (homolog human) | 314417 | Rn_154878 | BF35051 | 6.17 | 7.13 | 7.13 | 6.17 | 6.17 | 6.17 | 1.20 | down | 7.82E-01 | 9.95E-01 | --- | --- |
| 1372081_at | --- | --- | --- | --- | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 13781615_at | --- | --- | --- | --- | BE092875 | 8.17 | 8.91 | 8.03 | 7.55 | 8.12 | 8.63 | 1.20 | down | 5.56E-01 | 9.95E-01 | --- | --- |
| 1394283_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1374668_at | Sfla1 | splicing factor 3a, subunit 1 | 305479 | Rn_114913 | AI023150 | 4.01 | 3.85 | 4.24 | 3.82 | 3.64 | 3.84 | 1.20 | down | 1.13E-01 | 9.95E-01 | --- | --- |
| 1373003_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1392338_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1373234_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1373003_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1392338_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1398550_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1371239_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1375688_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1390442_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1370390_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1380882_at | LOC82082 | hypothetical protein LOC82082 | 680282 | Rn_14458 | AA95287 | 4.05 | 2.67 | 2.56 | 3.33 | 2.59 | 2.59 | 1.20 | down | 6.50E-01 | 9.95E-01 | --- | --- |
| 1380882_at | --- | --- | --- | --- | AA95287 | 4.05 | 2.67 | 2.56 | 3.33 | 2.59 | 2.59 | 1.20 | down | 6.50E-01 | 9.95E-01 | --- | --- |
| 1377417_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1370737_at | Ac04 | Ac04 (Asp-Glu-Ala-Asp) box polypeptide 27 | 661337 | Rn_203185 | AA11493 | 5.57 | 5.67 | 7.13 | 4.80 | 5.60 | 6.28 | 1.20 | down | 7.36E-01 | 9.95E-01 | --- | --- |
| 1380795_at | --- | --- | --- | --- | U029126 | 7.49 | 7.04 | 6.00 | 6.77 | 6.42 | 6.74 | 1.20 | down | 4.75E-01 | 9.95E-01 | --- | --- |
| 1392325_at | LOC134655 | similar to a disintegrin-like metalloprotease (proteolytic type) with thrombospondin type 1 motifs | 314655 | Rn_136600 | BE15446 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MScore | Residual | Unpaired t-test (C vs C) (log2) | | REG | MTC | |
|------------|-------------|--|---------|------------|-----------|-----------------------|----------|----------|----------|----------|----------|-----------|----------|---------------------------------|----------|----------|-----|---|
| | | | | | | SEPs (C) | SEPs (A) | SEPs (B) | SEPs (C) | SEPs (C) | SEPs (C) | | | SEPs (C) | SEPs (C) | | | |
| 1388212_at | H2-T23 | H2-T23 | 204228 | 414784 | ... | 7.72 | 6.84 | 6.73 | 6.89 | 6.66 | 6.18 | 1.18 | up | 7.12E-01 | 9.10E-01 | - | - | |
| 1390535_at | Cldp1 | CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase | 291414 | Rn.137932 | BE038745 | 7.84 | 8.22 | 7.48 | 8.16 | 8.37 | 8.03 | 1.18 | up | 5.00E-01 | 8.95E-01 | - | - | |
| 1391863_at | Rp20 | 4.4 kb region protein 2 | 291414 | Rn.137932 | BE038745 | 4.40 | 6.53 | 4.49 | 4.49 | 6.53 | 4.49 | 1.18 | up | 4.73E-01 | 8.95E-01 | - | - | |
| 1372295_at | NucR1 | nuclear prelamins A recognition factor | 360881 | Rn.162225 | BF551356 | 6.44 | 5.22 | 4.72 | 5.06 | 5.18 | 5.06 | 1.18 | up | 2.73E-01 | 8.95E-01 | - | - | |
| 1374625_at | Hea6 | heparan sulfate 6-O-sulfotransferase 1 | 291414 | Rn.137932 | BE038745 | 6.06 | 6.45 | 6.04 | 6.07 | 6.45 | 6.23 | 1.18 | down | 4.40E-01 | 8.95E-01 | - | - | |
| 1397343_at | ... | ... | ... | ... | BE113258 | 2.62 | 2.60 | 2.61 | 2.59 | 3.43 | 2.52 | 1.18 | up | 4.61E-01 | 8.95E-01 | - | - | |
| 1372993_at | ... | ... | ... | ... | BI29821 | 2.52 | 2.50 | 2.48 | 2.50 | 2.50 | 2.48 | 1.18 | down | 5.19E-01 | 8.95E-01 | - | - | |
| 1398947_at | ... | ... | ... | ... | BI29829 | 6.70 | 6.14 | 7.48 | 7.10 | 6.94 | 7.38 | 1.18 | down | 7.48E-01 | 8.95E-01 | - | - | |
| 1376664_at | Gatc1 | ATP-binding cassette, sub-family B (MDR/TF), member 1A | 170913 | Rn.154810 | AF286167 | 2.98 | 2.76 | 3.13 | 3.14 | 3.26 | 3.19 | 1.18 | up | 1.04E-01 | 8.95E-01 | - | - | |
| 1380544_at | Abc11 | glucuronide S-transferase theta 1 | 225600 | Rn.111222 | NM_015320 | 7.77 | 8.03 | 8.33 | 8.17 | 7.29 | 7.95 | 1.18 | down | 4.86E-01 | 8.95E-01 | - | - | |
| 1376991_at | Parp1 | poly (ADP-ribose) polymerase 1 | 25561 | Rn.11327 | NM_015003 | 4.51 | 4.64 | 4.69 | 4.64 | 5.00 | 5.11 | 1.18 | up | 1.07E-01 | 8.95E-01 | - | - | |
| 138275_at | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein) | 81613 | Rn.91235 | BE097239 | 5.19 | 5.03 | 5.32 | 4.48 | 3.81 | 6.54 | 1.18 | down | 7.89E-01 | 9.31E-01 | - | - | |
| 137454_at | Zfp59 | zinc finger protein 59 containing 9 | 294289 | Rn.15118 | AW524041 | 4.11 | 3.68 | 3.22 | 3.33 | 3.30 | 3.68 | 1.18 | down | 3.90E-01 | 8.95E-01 | - | - | |
| 1391978_at | Son | Son DNA binding protein | 304092 | Rn.7967 | AW531885 | 4.49 | 4.50 | 4.38 | 4.48 | 5.65 | 3.90 | 1.18 | up | 6.87E-01 | 8.95E-01 | - | - | |
| 1372177_at | Moc3 | myoD domain calcium synthase 2 | 294733 | Rn.13568 | NI180035 | 8.32 | 7.97 | 8.53 | 7.95 | 8.10 | 8.06 | 1.18 | down | 2.37E-01 | 8.95E-01 | - | - | |
| 1386809_at | Ac04 | ... | 79124 | Rn.15920 | NM_024155 | 8.33 | 6.97 | 5.59 | 6.53 | 5.50 | 5.04 | 1.18 | down | 6.45E-01 | 8.95E-01 | - | - | |
| 1379977_at | Ora3 | ORAI calcium release-activated calcium modulator 3 | 309000 | Rn.42186 | AI176858 | 3.55 | 3.89 | 3.17 | 3.73 | 4.08 | 3.52 | 1.18 | up | 4.18E-01 | 8.95E-01 | - | - | |
| 1377792_at | Wdr51 | WD repeat domain protein 51 | 362137 | Rn.101918 | AD073569 | 3.15 | 3.57 | 3.63 | 3.89 | 2.99 | 2.94 | 1.18 | up | 6.88E-01 | 9.04E-01 | - | - | |
| 1376445_at | LOC1307396 | similar to RIKEN cDNA 633003a.01 | 369787 | Rn.14770 | AW916327 | 2.76 | 3.80 | 2.62 | 2.72 | 3.17 | 3.44 | 1.18 | down | 5.47E-01 | 8.95E-01 | - | - | |
| 1380692_at | Rd1 | retinoblastoma-like 1 (p107) | 680111 | Rn.208977 | BM387127 | 2.60 | 3.39 | 2.63 | 2.58 | 2.86 | 2.66 | 1.18 | down | 4.12E-01 | 8.95E-01 | - | - | |
| 1373992_at | ... | ... | ... | ... | AW52539 | 2.43 | 2.37 | 2.45 | 2.27 | 3.23 | 2.36 | 1.18 | up | 4.55E-01 | 8.95E-01 | - | - | |
| 1378547_at | ... | ... | ... | ... | AI176027 | 4.28 | 4.78 | 4.80 | 4.84 | 4.78 | 4.96 | 1.18 | up | 2.53E-01 | 8.95E-01 | - | - | |
| 1374423_at | ... | ... | ... | ... | BE115866 | 6.80 | 7.32 | 6.54 | 7.36 | 6.56 | 7.47 | 1.18 | up | 5.25E-01 | 8.95E-01 | - | - | |
| 1388136_at | ... | ... | ... | ... | AI176403 | 3.09 | 2.35 | 4.27 | 2.35 | 2.86 | 2.35 | 1.18 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1372960_at | Xyl2 | xyloxytransferase II | 64134 | Rn.22727 | AA924957 | 5.24 | 5.38 | 5.62 | 5.73 | 5.39 | 5.84 | 1.18 | up | 2.46E-01 | 8.95E-01 | - | - | |
| 1381825_at | ... | ... | ... | ... | Rn.163263 | 6.17 | 6.20 | 6.23 | 6.17 | 6.20 | 6.23 | 1.18 | down | 3.80E-01 | 8.95E-01 | - | - | |
| 137352_at | LOC685385 | similar to S100 calcium binding protein A14 | 685385 | Rn.169952 | BM387197 | 2.57 | 3.09 | 2.82 | 2.54 | 2.60 | 2.44 | 1.18 | down | 2.43E-01 | 8.95E-01 | - | - | |
| 1373462_at | Ezd1 | embryonic ectoderm development | 291014 | Rn.3939 | NI170325 | 5.68 | 5.99 | 6.63 | 5.07 | 5.57 | 6.37 | 1.18 | up | 6.90E-01 | 9.05E-01 | - | - | |
| 1392947_at | Sp1 | Sp1 transcription factor | 24780 | Rn.44698 | NM_012855 | 3.18 | 3.34 | 3.17 | 3.23 | 2.71 | 3.02 | 1.18 | down | 2.15E-01 | 8.95E-01 | - | - | |
| 1372983_at | Zfp110 | zinc finger protein 110 | 306382 | Rn.204252 | AI173283 | 6.33 | 7.35 | 5.80 | 6.83 | 4.65 | 6.28 | 1.18 | down | 8.11E-01 | 9.36E-01 | - | - | |
| 1376515_at | ... | ... | ... | ... | Rn.7020 | AI173296 | 2.40 | 2.54 | 2.41 | 3.28 | 2.41 | 2.37 | 1.18 | up | 4.71E-01 | 8.95E-01 | - | - |
| 1388954_at | LOC1306717 | similar to hypothetical protein MGC25461 | 681740 | Rn.402316 | BI075747 | 2.92 | 3.92 | 3.12 | 3.14 | 3.63 | 3.19 | 1.18 | up | 3.92E-01 | 8.95E-01 | - | - | |
| 1389651_at | Apelin | apelin | 58812 | Rn.22847 | AI177205 | 2.33 | 2.40 | 2.33 | 2.33 | 3.09 | 2.35 | 1.18 | up | 3.94E-01 | 8.95E-01 | - | - | |
| 1370363_at | Pou4f1 | Pou4f1 class B homeobox 1 | 291414 | Rn.154810 | AF286167 | 4.40 | 4.65 | 4.74 | 4.65 | 4.74 | 4.77 | 1.18 | up | 1.75E-01 | 8.95E-01 | - | - | |
| 1367496_at | Tm6p2 | transmembrane 9 superfamily member 2 | 306197 | Rn.11639 | AI179901 | 9.32 | 9.55 | 9.45 | 9.60 | 9.51 | 9.93 | 1.18 | up | 1.75E-01 | 8.95E-01 | - | - | |
| 1372209_at | Copa5 | COP9 constitutive photolyase/homologous subunit 5 (Arabidopsis) | 312916 | Rn.22343 | AI107072 | 7.05 | 7.71 | 7.19 | 7.24 | 7.49 | 7.93 | 1.18 | up | 1.46E-01 | 8.95E-01 | - | - | |
| 1368674_at | Phn1 | phosphatidylcholine homeobox-like domain A family B, member 8 | 681740 | Rn.402316 | NM_134381 | 3.69 | 3.37 | 3.43 | 3.09 | 3.48 | 3.47 | 1.18 | up | 6.41E-01 | 8.95E-01 | - | - | |
| 1368819_at | Nans | Asparaginyl-PRNA synthetase | 291556 | Rn.48209 | AW533965 | 2.49 | 2.74 | 2.34 | 3.49 | 2.33 | 2.46 | 1.18 | up | 5.72E-01 | 8.95E-01 | - | - | |
| 1380309_at | ... | ... | ... | ... | Rn.205495 | 6.28 | 6.15 | 6.28 | 6.15 | 6.28 | 6.15 | 1.18 | down | 4.05E-01 | 8.95E-01 | - | - | |
| 1378912_at | Anapc1 | anaphase promoting complex subunit 1 | 311412 | Rn.8 | BC537601 | 2.56 | 2.52 | 2.57 | 3.24 | 2.58 | 2.53 | 1.18 | up | 3.61E-01 | 8.95E-01 | - | - | |
| 1368550_at | Foxq1 | forkhead box Q1 | 64826 | Rn.10101 | NM_022658 | 4.61 | 2.63 | 2.99 | 3.81 | 2.52 | 3.19 | 1.18 | down | 7.56E-01 | 9.21E-01 | - | - | |
| 1384166_at | ... | ... | ... | ... | AW52298 | 3.15 | 3.63 | 3.93 | 3.15 | 3.63 | 3.04 | 1.18 | down | 3.15E-01 | 8.95E-01 | - | - | |
| 1377955_at | ... | ... | ... | ... | AI178027 | 2.49 | 4.18 | 2.67 | 2.56 | 2.58 | 3.49 | 1.18 | down | 7.20E-01 | 9.11E-01 | - | - | |
| 1398663_at | Zfp61 | zinc finger protein 61 | 499094 | Rn.12263 | AD30120 | 4.66 | 4.45 | 4.11 | 4.62 | 2.76 | 5.13 | 1.18 | down | 7.84E-01 | 9.23E-01 | - | - | |
| 1371795_at | ... | ... | ... | ... | AA84765 | 3.14 | 4.46 | 7.78 | 7.79 | 6.67 | 6.78 | 1.18 | down | 6.41E-01 | 8.95E-01 | - | - | |
| 1374395_at | Rab30 | RAB30, member RAS oncogene family | 30937 | Rn.114978 | AI102825 | 3.64 | 3.39 | 3.64 | 4.14 | 3.64 | 3.60 | 1.18 | up | 2.88E-01 | 8.95E-01 | - | - | |
| 1370663_at | Wee1 | wee1 homology (S. pombe) | 30937 | Rn.208255 | BM387241 | 6.14 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 1.18 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380542_at | ... | ... | ... | ... | D31838 | 3.52 | 2.62 | 2.72 | 2.82 | 2.74 | 2.59 | 1.18 | down | 4.62E-01 | 8.95E-01 | - | - | |
| 1388594_at | LOC1355929 | similar to chromosome 1 open reading frame 63 | 362626 | Rn.3870 | NI013758 | 3.21 | 2.52 | 2.55 | 2.53 | 2.54 | 2.49 | 1.18 | down | 3.54E-01 | 8.95E-01 | - | - | |
| 1389879_at | Ea1 | early endosome antigen 1 | 314764 | Rn.23513 | AA997808 | 5.78 | 5.06 | 4.71 | 5.19 | 4.02 | 5.62 | 1.18 | down | 7.01E-01 | 9.07E-01 | - | - | |
| 1372269_at | Tmem25b | transmembrane protein 25b | 362426 | Rn.44169 | AI107082 | 6.19 | 6.16 | 6.18 | 6.17 | 6.16 | 6.20 | 1.18 | up | 2.06E-01 | 8.95E-01 | - | - | |
| 1376077_at | Ash1 | N-acylglucosaminyl amidohydrolase (acid ceramidase) 1 | 44431 | Rn.127798 | NM_054047 | 6.16 | 4.63 | 5.68 | 5.62 | 5.08 | 5.39 | 1.18 | up | 4.65E-01 | 8.95E-01 | - | - | |
| 1370035_at | Kras | v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog | 24525 | Rn.24554 | NM_013115 | 5.49 | 6.15 | 5.54 | 5.43 | 4.84 | 6.20 | 1.18 | down | 6.25E-01 | 8.95E-01 | - | - | |
| 1381045_at | App-19 | Cyclic AMP phosphodiesterase 19 | 30338 | Rn.109718 | BI029435 | 2.56 | 2.56 | 2.58 | 2.56 | 2.56 | 2.56 | 1.18 | down | 3.18E-01 | 8.95E-01 | - | - | |
| 1383586_at | Chmn | chimerin (chimerin 2) | 84031 | Rn.10521 | NM_023084 | 4.94 | 7.06 | 6.92 | 6.42 | 6.28 | 5.51 | 1.18 | down | 7.66E-01 | 9.24E-01 | - | - | |
| 1379288_at | Chn2 | chimerin (chimerin 2) | 84031 | Rn.10521 | AA548117 | 4.49 | 4.69 | 4.59 | 4.67 | 4.68 | 4.59 | 1.18 | down | 4.67E-01 | 8.95E-01 | - | - | |
| 1388990_at | LOC1306717 | similar to elongation of very long chain fatty acids protein 4 | 681740 | Rn.402316 | AA705112 | 4.96 | 5.35 | 5.72 | 5.47 | 4.85 | 4.59 | 1.18 | down | 4.59E-01 | 8.95E-01 | - | - | |
| 1385473_at | Pap1 | translocase of outer mitochondrial membrane 40 homolog (Yeast) | 304971 | Rn.113744 | AI049447 | 2.58 | 2.70 | 2.64 | 2.67 | 2.67 | 2.62 | 1.18 | down | 4.07E-01 | 8.95E-01 | - | - | |
| 1386165_at | LOC1306717 | similar to RSC173 interacting protein 1 | 313323 | Rn.93075 | BF037366 | 4.12 | 3.23 | 2.99 | 3.49 | 3.50 | 4.05 | 1.18 | up | 5.77E-01 | 8.95E-01 | - | - | |
| 1388994_at | LOC1306717 | similar to RSC173 interacting protein 1 | 313323 | Rn.93075 | AI072240 | 4.12 | 3.23 | 2.99 | 3.49 | 3.50 | 4.05 | 1.18 | up | 5.77E-01 | 8.95E-01 | - | - | |
| 1390555_at | Bid7 | brodromin domain containing 7 | 381374 | Rn.32986 | BI275624 | 5.13 | 5.33 | 5.32 | 5.72 | 5.92 | 4.74 | 1.18 | up | 6.32E-01 | 8.97E-01 | - | - | |
| 1379249_at | Wlap | Wilms tumor 1 associated protein | 499020 | Rn.161784 | AA605400 | 9.08 | 8.25 | 7.52 | 8.46 | 8.44 | 8.66 | 1.18 | up | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | FC/MScore | Resonance | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|-------------|---|-----------------|------------|------------|------------------------|----------|---------|----------|----------|-----------|-----------|----------------------------------|----------|----------|
| | | | | | | SEPP (C) | SEPA (C) | SEP (C) | SEPP (G) | SEPA (G) | | | | | |
| 1384016_at | RGD156304 | similar to R31449_3 | 500790 | Rn.136995 | A044837 | 2.36 | 2.43 | 2.36 | 2.35 | 2.44 | 3.05 | 1.17 | up | 6.35E-01 | 8.95E-01 |
| 1371534_at | Tnnc1 | tropomyosin C type 1 (slow) | 290561 | Rn.15460 | A171082 | 3.20 | 2.60 | 2.83 | 2.60 | 2.62 | 2.51 | 1.17 | down | 3.10E-01 | 8.95E-01 |
| 1374933_at | Adapt1 | Adaptin 1 | 236367 | Rn.898975 | NM_0129874 | 2.37 | 2.32 | 2.37 | 2.31 | 2.36 | 2.35 | 1.17 | down | 6.32E-01 | 8.95E-01 |
| 1380040_at | OC030040_3 | similar to protein tyrosine phosphatase-like protein (institute of catalytic antigen 28058) | 690040 | Rn.103344 | A106800 | 6.93 | 7.60 | 6.89 | 6.89 | 6.89 | 7.19 | 1.17 | down | 1.42E-01 | 8.95E-01 |
| 1380040_at | LOC707812 | similar to protein tyrosine phosphatase-like protein (institute of catalytic antigen 28058) | 690040 | Rn.103344 | A106800 | 6.93 | 7.60 | 6.89 | 6.89 | 6.89 | 7.19 | 1.17 | down | 1.42E-01 | 8.95E-01 |
| 1374215_at | Plekha1 | pleckstrin homology domain containing, family J member 1 | 314634 | Rn.145097 | AB484249 | 4.91 | 5.09 | 4.66 | 4.48 | 5.08 | 5.26 | 1.17 | up | 3.68E-01 | 8.95E-01 |
| 1380764_at | Pkm | phosphoglucomutase, muscle | 61512 | Rn.11004 | B129434 | 5.10 | 4.82 | 4.86 | 4.84 | 5.04 | 4.20 | 1.17 | down | 4.99E-01 | 8.95E-01 |
| 1380830_at | --- | --- | --- | Rn.160035 | B130766 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.31 | 1.17 | down | 3.83E-01 | 8.95E-01 |
| 1380830_at | Wor31 | WD repeat domain 31 | 280906 | Rn.38938 | AW454540 | 4.79 | 4.39 | 4.56 | 4.53 | 4.73 | 5.17 | 1.17 | up | 3.51E-01 | 8.95E-01 |
| 1381188_at | --- | --- | --- | Rn.10980 | AB129093 | 3.26 | 6.84 | 3.42 | 4.11 | 3.76 | 3.20 | 1.17 | up | 4.03E-01 | 8.95E-01 |
| 1373031_at | Ppp1r13b | protein phosphatase 1, regulatory (inhibitor) subunit 13B | 314465 | Rn.30183 | BE113133 | 3.49 | 3.48 | 3.41 | 4.10 | 3.76 | 3.20 | 1.17 | up | 4.03E-01 | 8.95E-01 |
| 1393446_at | --- | --- | --- | Rn.148283 | B129044 | 3.30 | 2.51 | 2.57 | 2.52 | 2.52 | 2.67 | 1.17 | down | 4.71E-01 | 8.95E-01 |
| 1376464_at | RGD156482 | ncd156482 | 394656 | Rn.30332 | B129015 | 4.01 | 4.57 | 4.25 | 4.22 | 4.69 | 4.31 | 1.17 | up | 4.08E-01 | 8.95E-01 |
| 1387452_at | Nlyb | nucleolar transcription factor V-beta | 25336 | Rn.90077 | NM_031553 | 2.78 | 4.64 | 2.85 | 4.38 | 2.72 | 3.87 | 1.17 | up | 7.81E-01 | 8.95E-01 |
| 1387772_at | Circ1a | chloride channel, nucleotide-sensitive, 1A | 61510 | Rn.4089 | NM_031719 | 5.86 | 5.91 | 6.33 | 5.68 | 6.49 | 6.62 | 1.17 | up | 5.21E-01 | 8.95E-01 |
| 1373734_at | Loc6 | LOC6 | 302051 | Rn.2517 | BM58991 | 9.45 | 9.32 | 10.20 | 9.01 | 9.56 | 9.28 | 1.17 | down | 8.08E-01 | 8.95E-01 |
| 1388842_at | Ctic | catenin, heavy chain (C) | 54241 | Rn.3589 | BM38613 | 10.84 | 10.78 | 10.85 | 10.39 | 10.57 | 10.62 | 1.17 | down | 6.73E-01 | 8.95E-01 |
| 1380741_at | Tnrm123 | transmembrane protein 123 | 363013 | Rn.12707 | A111651 | 5.30 | 5.32 | 5.71 | 4.25 | 5.25 | 6.08 | 1.17 | down | 5.10E-01 | 8.95E-01 |
| 1378605_at | Zfp143 | zinc finger protein 143 | 361627 | Rn.105662 | B117282 | 2.67 | 3.30 | 2.68 | 2.68 | 3.84 | 2.82 | 1.17 | up | 6.12E-01 | 8.95E-01 |
| 1378353_at | Zfp414 | zinc finger protein 414 | 299647 | Rn.32667 | A075797 | 3.59 | 3.74 | 4.63 | 3.60 | 3.74 | 3.73 | 1.17 | down | 4.31E-01 | 8.95E-01 |
| 1385498_at | Rhhob1 | rhhobid domain containing 1 | 316557 | Rn.55926 | AA848859 | 2.55 | 2.52 | 2.56 | 2.52 | 2.58 | 3.22 | 1.17 | up | 3.64E-01 | 8.95E-01 |
| 1395646_at | Top1 | topoisomerase (DNA) | 64550 | Rn.91572 | B111650 | 8.14 | 8.44 | 8.51 | 8.56 | 8.55 | 8.67 | 1.17 | up | 1.21E-01 | 8.95E-01 |
| 1379251_at | --- | --- | --- | Rn.11328 | B127472 | 2.43 | 2.43 | 2.46 | 2.46 | 2.46 | 2.46 | 1.17 | up | 8.29E-01 | 8.95E-01 |
| 1374463_at | Myd88 | myeloid differentiation primary response gene 88 | 301059 | Rn.37341 | A123590 | 3.39 | 3.23 | 2.79 | 2.86 | 2.49 | 4.07 | 1.17 | down | 7.10E-01 | 8.95E-01 |
| 1382947_at | Rab18 | RAB18, member RAS oncogene family // RAB18, member RAS oncogene family | 261911 // 36117 | Rn.105979 | A111308 | 5.92 | 5.25 | 5.96 | 4.64 | 7.85 | 5.31 | 1.17 | up | 8.29E-01 | 8.95E-01 |
| 1390034_at | Ralgap5 | Raf-1 GEF with PI domain and SH3 binding motif 2 | 304887 | Rn.53963 | BF339545 | 4.46 | 4.22 | 4.77 | 4.47 | 4.45 | 4.69 | 1.17 | up | 1.22E-01 | 8.95E-01 |
| 1385966_at | --- | --- | --- | Rn.166478 | A071836 | 2.76 | 2.83 | 2.76 | 2.68 | 2.76 | 3.59 | 1.17 | up | 4.74E-01 | 8.95E-01 |
| 1379337_at | Fycy1 | FYVE and coiled-coil domain containing 1 | 301085 | Rn.17744 | AA78961 | 7.43 | 7.70 | 8.98 | 7.18 | 8.83 | 7.40 | 1.17 | down | 4.98E-01 | 8.95E-01 |
| 1383207_at | Rm3 | RN3 RNA polymerase I transcription factor homolog (S. cerevisiae) | 304714 | Rn.157673 | BE103628 | 7.54 | 7.08 | 7.36 | 6.75 | 7.35 | 7.19 | 1.17 | down | 3.99E-01 | 8.95E-01 |
| 1378666_at | Cd3e | CD3E antigen, epsilon polypeptide-associated protein 2 | 680493 | Rn.15312 | B1274823 | 3.68 | 3.74 | 3.74 | 3.74 | 4.16 | 3.95 | 1.17 | up | 1.32E-01 | 8.95E-01 |
| 1376198_at | Adam | adrenomedullin-like receptor type 1 | 298939 | Rn.15169 | B129015 | 2.69 | 5.58 | 5.71 | 4.25 | 5.94 | 5.91 | 1.17 | down | 5.96E-01 | 8.95E-01 |
| 1380201_at | Mcp3 | mannose 6-phosphate 6-epimerase | 29582 | Rn.89303 | NM_019239 | 2.73 | 3.12 | 2.79 | 2.73 | 3.87 | 2.74 | 1.17 | up | 5.95E-01 | 8.95E-01 |
| 1394373_at | --- | --- | --- | Rn.55904 | AA64567 | 5.46 | 5.67 | 5.46 | 5.46 | 5.67 | 5.46 | 1.17 | up | 4.95E-01 | 8.95E-01 |
| 1373262_at | RGD1309543 | similar to 2310014HR1Rk protein | 361790 | Rn.16324 | A102745 | 2.28 | 2.29 | 2.28 | 3.00 | 2.27 | 2.28 | 1.17 | up | 3.20E-01 | 8.95E-01 |
| 1392024_at | --- | --- | --- | Rn.20284 | B129015 | 2.27 | 2.32 | 2.21 | 2.27 | 2.28 | 2.27 | 1.17 | down | 3.95E-01 | 8.95E-01 |
| 1387392_at | Mll4 | myeloid lymphoma or mixed lineage leukemia (Drosophila/Drosophila) | 26955 | Rn.89 | NM_0131217 | 6.14 | 6.24 | 6.24 | 6.19 | 6.24 | 6.24 | 1.17 | down | 4.79E-01 | 8.95E-01 |
| 1389248_at | Gak1 | galactokinase 1 | 287335 | Rn.198917 | AA58999 | 5.22 | 6.53 | 7.17 | 5.70 | 6.99 | 6.92 | 1.17 | up | 7.61E-01 | 8.95E-01 |
| 1378437_at | --- | --- | --- | Rn.201691 | AA11651 | 2.41 | 2.41 | 2.44 | 2.44 | 2.44 | 2.44 | 1.17 | up | 7.35E-01 | 8.95E-01 |
| 1379268_at | --- | --- | --- | Rn.8316 | AA24312 | 3.21 | 3.20 | 3.20 | 3.20 | 3.91 | 3.19 | 1.17 | up | 3.89E-01 | 8.95E-01 |
| 1399635_at | --- | --- | --- | Rn.46917 | BF56562 | 2.23 | 2.22 | 2.23 | 2.92 | 2.23 | 2.22 | 1.17 | up | 3.78E-01 | 8.95E-01 |
| 1389615_at | Serpine1 | serpin (or cysteine) peptidase inhibitor, clade E, member 1 | 247 | Rn.29387 | NM_019239 | 2.45 | 2.45 | 2.45 | 2.45 | 2.44 | 2.45 | 1.17 | down | 7.49E-01 | 8.95E-01 |
| 138351_at | --- | --- | --- | Rn.206632 | AA58999 | 6.13 | 5.14 | 6.03 | 6.49 | 5.27 | 4.55 | 1.17 | up | 7.69E-01 | 8.95E-01 |
| 1372759_at | Cdk9 | cyclin-dependent kinase 9 | 362110 | Rn.98226 | H31796 | 7.57 | 8.17 | 7.77 | 7.84 | 7.49 | 7.42 | 1.17 | down | 3.34E-01 | 8.95E-01 |
| 1389615_at | --- | --- | --- | Rn.156274 | AA64567 | 6.38 | 7.19 | 7.56 | 7.04 | 7.24 | 7.19 | 1.17 | down | 7.79E-01 | 8.95E-01 |
| 1390935_at | --- | --- | --- | Rn.17833 | A077223 | 2.81 | 3.41 | 4.40 | 4.48 | 2.92 | 3.48 | 1.17 | up | 1.73E-01 | 8.95E-01 |
| 1373703_at | Papdy | poly (ADP-ribose) polymerase family, member 8 | 26432 | Rn.89129 | AA64567 | 5.28 | 5.60 | 5.25 | 5.60 | 5.28 | 5.60 | 1.17 | up | 7.35E-01 | 8.95E-01 |
| 1370044_at | Faim | Fas apoptosis inhibitory molecule, member 8 | 140930 | Rn.106419 | NM_080895 | 6.81 | 7.14 | 7.06 | 7.16 | 6.30 | 6.85 | 1.17 | down | 4.40E-01 | 8.95E-01 |
| 1382006_at | Epn4 | Epn4 receptor A | 316339 | Rn.6202 | A043909 | 3.03 | 3.00 | 3.12 | 2.98 | 3.00 | 2.47 | 1.17 | down | 2.67E-01 | 8.95E-01 |
| 1374615_at | Rgn1 | regulator of gnRH cDNA B330490ND4 | 303033 | Rn.163304 | AA64567 | 6.46 | 6.57 | 7.17 | 6.38 | 6.69 | 6.64 | 1.17 | down | 5.08E-01 | 8.95E-01 |
| 1392511_at | Tarf2 | TARF2 RNA polymerase II, TATA box binding protein (TBP)-associated factor | 177844 | Rn.33143 | AA98913 | 6.13 | 6.15 | 6.51 | 5.81 | 5.81 | 5.78 | 1.17 | down | 1.06E-01 | 8.95E-01 |
| 1373183_at | RGD1023039 | similar to acylglyoxylase kinase, delta 130kDa isoform 1 | 178400 | Rn.178303 | BE103628 | 3.68 | 3.74 | 3.74 | 3.74 | 3.74 | 3.74 | 1.17 | up | 1.76E-01 | 8.95E-01 |
| 1386106_at | Elong | ELAVL1 family member E, elongation of long chain fatty acids (yeast) | 171402 | Rn.46942 | BE11612 | 2.47 | 2.42 | 2.43 | 3.18 | 2.44 | 2.39 | 1.17 | up | 4.18E-01 | 8.95E-01 |
| 1392449_at | Rad18 | RAD18 (S. cerevisiae) | 362412 | Rn.22793 | B1282152 | 2.50 | 2.48 | 2.52 | 2.49 | 3.22 | 2.47 | 1.17 | up | 4.05E-01 | 8.95E-01 |
| 1388442_at | --- | --- | --- | Rn.94499 | AA64567 | 5.26 | 5.38 | 5.38 | 5.38 | 5.38 | 5.38 | 1.17 | up | 7.02E-01 | 8.95E-01 |
| 1386228_at | Zranb2 | zinc finger, RAN-binding domain containing 2 | 58821 | Rn.11361 | AF013965 | 6.81 | 6.87 | 6.38 | 6.95 | 6.40 | 7.38 | 1.17 | up | 5.18E-01 | 8.95E-01 |
| 1378024_at | --- | --- | --- | Rn.210137 | BF389455 | 3.10 | 2.43 | 2.46 | 2.44 | 2.44 | 2.44 | 1.17 | down | 3.46E-01 | 8.95E-01 |
| 1389727_at | Apoa2 | apolipoprotein A2 | 25649 | Rn.89204 | NM_013112 | 2.44 | 2.46 | 2.46 | 2.44 | 3.18 | 2.45 | 1.17 | down | 4.17E-01 | 8.95E-01 |
| 1376768_at | --- | --- | --- | Rn.702 | BM38807 | 6.24 | 7.47 | 6.22 | 6.97 | 6.49 | 7.16 | 1.17 | up | 6.42E-01 | 8.95E-01 |
| 1387963_at | Etf1a | erythrocytic transition initiation factor 1A | 317433 | Rn.63851 | AA64567 | 6.46 | 6.55 | 6.11 | 6.26 | 6.22 | 6.42 | 1.17 | down | 7.46E-01 | 8.95E-01 |
| 1372156_at | Tnrs9 | transmembrane protein 97 | 303330 | Rn.20057 | BF414018 | 4.85 | 4.45 | 5.16 | 3.91 | 5.87 | 5.66 | 1.17 | up | 7.31E-01 | 8.95E-01 |
| 1388372_at | Sns1 | serine sulfatase | 24800 | Rn.6312 | NM_012661 | 3.69 | 5.21 | 5.18 | 4.56 | 5.55 | 6.17 | 1.17 | up | 7.31E-01 | 8.95E-01 |
| 1389615_at | Serpin1 | serpin (or cysteine) peptidase inhibitor, clade E, member 1 | 247 | Rn.29387 | NM_019239 | 2.45 | 2.45 | 2.45 | 2.45 | 2.44 | 2.45 | 1.17 | down | 7.49E-01 | 8.95E-01 |
| 1377334_at | Stamp1 | enhancer of polycomb homolog 1 (Drosophila) | 307042 | Rn.216240 | AA434282 | 4.05 | 5.87 | 4.86 | 5.50 | 4.77 | 5.19 | 1.17 | up | 7.06E-01 | 8.95E-01 |
| 1370476_at | Encp1 | Stem binding protein | 171565 | Rn.14662 | AA081559 | 2.42 | 3.25 | 3.81 | 3.10 | 3.32 | 3.76 | 1.17 | up | 6.35E-01 | 8.95E-01 |
| 1383373_at | --- | --- | --- | Rn.11733 | AA64567 | 6.42 | 5.62 | 6.27 | 6.27 | 6.27 | 6.27 | 1.17 | up | 6.06E-01 | 8.95E-01 |
| 1390966_at | Tnfr1 | TATA element modulatory factor 1 | 114206 | Rn.91637 | A1236753 | 4.88 | 5.9 | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | FC/MS/row | Reason | Unpaired t-test vs Ctl (p-value) | FC vs Ctl (log2) | REG | MTC |
|------------|----------------|--|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|------------------|-----|-----|
| 139784_at | Vezf1 | vesicular endothelial zinc finger 1 | Rn.198892 | Bt284190 | AF102819 | 3.44 | 3.14 | 3.14 | 2.67 | 3.34 | 2.67 | 3.34 | 1.17 | down | 3.58E-01 | 0.95E-01 | - | - | |
| 1376077_at | Sc3l7a1 | scavenger carrier family 37 (glycerol-3-phosphate transporter), member 1 | Rn.206448 | BF394318 | AF054542 | 2.59 | 2.59 | 2.59 | 2.59 | 3.31 | 2.54 | 1.17 | up | 4.27E-01 | 8.95E-01 | - | - | | |
| 1374979_at | Du3a3 | hydrolytic enzyme family 3-like (S. cerevisiae) | Rn.133076 | AF102764 | AF102764 | 2.77 | 2.77 | 3.41 | 2.67 | 3.03 | 4.02 | 6.02 | 1.17 | down | 6.35E-01 | 1.70E-01 | - | - | |
| 1374448_at | --- | --- | Rn.207195 | AF102764 | AF102764 | 5.41 | 4.89 | 3.69 | 4.77 | 4.43 | 4.01 | 1.17 | down | 1.71E-01 | 9.05E-01 | - | - | | |
| 1376077_at | --- | --- | Rn.207195 | AF102764 | AF102764 | 5.39 | 5.24 | 3.12 | 3.12 | 3.12 | 2.59 | 1.17 | up | 2.36E-01 | 2.74 | 1.17 | - | | |
| 1372025_at | Zfp278 | zinc finger protein 278 | 305471 | AF102764 | AF102764 | 5.41 | 5.89 | 6.15 | 5.41 | 6.86 | 5.77 | 1.17 | down | 6.83E-01 | 9.03E-01 | - | - | | |
| 1394554_at | --- | --- | Rn.107310 | AF102764 | AF102764 | 6.98 | 7.38 | 6.79 | 6.99 | 7.63 | 7.19 | 1.17 | up | 4.22E-01 | 8.95E-01 | - | - | | |
| 1398147_at | Med15 | mediator complex subunit 15 | Rn.6342 | AF102764 | AF102764 | 3.43 | 4.14 | 3.31 | 3.43 | 3.03 | 3.74 | 1.17 | down | 5.31E-01 | 8.95E-01 | - | - | | |
| 1394642_at | Gns | glucosamine (N-acetyl)-6-sulfate | Rn.65962 | AF102764 | AF102764 | 8.67 | 9.30 | 8.32 | 8.67 | 8.30 | 8.78 | 1.17 | down | 4.77E-01 | 8.61E-01 | - | - | | |
| 1391510_at | Ube1 | ubiquitin receptor binding site associated, antigen 9 | Rn.64132 | BF393311 | BF393311 | 7.47 | 7.74 | 8.32 | 8.34 | 7.76 | 8.10 | 1.17 | up | 4.95E-01 | 8.95E-01 | - | - | | |
| 1398678_at | Lip10 | low-density lipoprotein receptor-related protein 10 | Rn.101349 | AF102764 | AF102764 | 9.06 | 9.72 | 8.13 | 9.35 | 9.61 | 9.64 | 1.17 | up | 3.81E-01 | 8.95E-01 | - | - | | |
| 1397092_at | Fetub | fetuin B | Rn.28494 | NM_003348 | NM_003348 | 1.18 | 2.44 | 2.45 | 3.86 | 2.45 | 2.44 | 1.17 | down | 6.80E-01 | 9.05E-01 | - | - | | |
| 1391172_at | --- | --- | Rn.148467 | BE106088 | BE106088 | 2.59 | 2.67 | 2.52 | 2.62 | 2.78 | 3.07 | 1.17 | up | 1.76E-01 | 8.95E-01 | - | - | | |
| 1397370_at | Zfp131 | zinc finger protein 131 | Rn.103753 | Rn.92641 | AA243380 | 6.26 | 5.47 | 4.83 | 4.94 | 5.26 | 5.67 | 1.17 | down | 6.55E-01 | 8.97E-01 | - | - | | |
| 1392529_at | LOC14147 | R5C3-lectinogen | Rn.7147 | BF217239 | BF217239 | 5.30 | 4.93 | 4.07 | 5.20 | 4.75 | 4.73 | 1.17 | down | 5.91E-01 | 8.95E-01 | - | - | | |
| 1398642_at | Cdh2 | cadherin 2 | Rn.83501 | Rn.23200 | AF075783 | 7.95 | 8.68 | 8.60 | 8.57 | 8.45 | 8.89 | 1.17 | up | 4.45E-01 | 8.95E-01 | - | - | | |
| 1378575_at | RGD1308261 | similar to RIKEN cDNA 1190050P17 | Rn.29918 | Rn.154251 | BC381541 | 6.17 | 7.17 | 7.06 | 7.04 | 6.69 | 7.35 | 1.17 | down | 5.77E-01 | 8.95E-01 | - | - | | |
| 1392311_at | --- | --- | Rn.29918 | Rn.154251 | BC381541 | 6.17 | 7.17 | 7.06 | 7.04 | 6.69 | 7.35 | 1.17 | down | 5.77E-01 | 8.95E-01 | - | - | | |
| 1398897_at | Dhds | hydroxydihydroxy diglycosyl phosphate synthase | Rn.29641 | Rn.24616 | AW144047 | 4.62 | 2.76 | 3.86 | 4.44 | 3.58 | 2.75 | 1.17 | down | 7.83E-01 | 9.03E-01 | - | - | | |
| 1394518_at | Adams2 | A disintegrin-like and metalloprotease (prolysin type) with thrombospondin 1 | Rn.132566 | Rn.162758 | BF294438 | 2.48 | 2.51 | 3.28 | 2.63 | 2.52 | 2.43 | 1.17 | down | 4.37E-01 | 8.95E-01 | - | - | | |
| 1392519_at | --- | --- | Rn.132566 | Rn.162758 | BF294438 | 2.48 | 2.51 | 3.28 | 2.63 | 2.52 | 2.43 | 1.17 | down | 4.37E-01 | 8.95E-01 | - | - | | |
| 1376592_at | --- | --- | Rn.148996 | AF082648 | AF082648 | 2.40 | 2.39 | 2.41 | 2.80 | 2.40 | 2.47 | 1.17 | up | 1.33E-01 | 8.95E-01 | - | - | | |
| 1392875_at | Fam120b | family with sequence similarity 120B | Rn.308218 | Rn.2666 | BF386519 | 6.23 | 6.10 | 7.00 | 6.27 | 6.12 | 6.26 | 1.17 | down | 4.71E-01 | 8.95E-01 | - | - | | |
| 1392393_at | --- | --- | Rn.48268 | BE028267 | BE028267 | 2.44 | 2.43 | 3.10 | 2.43 | 2.44 | 2.47 | 1.17 | down | 3.70E-01 | 8.95E-01 | - | - | | |
| 1397658_at | --- | --- | Rn.22768 | AF123117 | AF123117 | 7.32 | 7.79 | 6.83 | 6.51 | 7.10 | 7.47 | 1.17 | down | 6.33E-01 | 8.95E-01 | - | - | | |
| 1396733_at | Gli3 | glutamate-ammonia ligase (glutamine synthetase) | Rn.24957 | Rn.2204 | BE275294 | 11.52 | 11.92 | 11.54 | 12.17 | 11.75 | 11.74 | 1.17 | up | 3.06E-01 | 8.95E-01 | - | - | | |
| 1398855_at | Asp51 | ATP synthase, H+ transporting, mitochondrial F0 complex, subunit B1 | Rn.117375 | Rn.3889 | AA685331 | 9.87 | 10.14 | 10.21 | 9.84 | 9.80 | 9.92 | 1.17 | down | 4.65E-01 | 8.95E-01 | - | - | | |
| 1396200_at | Thk2 | thymidylate kinase 2 | Rn.303592 | Rn.23125 | BE097972 | 5.14 | 5.54 | 5.56 | 5.76 | 5.46 | 4.84 | 1.17 | down | 4.56E-01 | 8.95E-01 | - | - | | |
| 1398455_at | Zdnc13 | zinc finger, DHHC-type containing 13 | Rn.365252 | Rn.137700 | BC337973 | 5.82 | 6.69 | 6.01 | 6.05 | 6.66 | 6.25 | 1.17 | up | 5.76E-01 | 8.95E-01 | - | - | | |
| 1397725_at | --- | --- | Rn.218484 | BE119093 | BE119093 | 2.30 | 2.29 | 2.31 | 2.91 | 2.30 | 2.30 | 1.17 | up | 3.31E-01 | 8.95E-01 | - | - | | |
| 1370357_at | Sc30a4 | solc carrier family 30 (zinc transporter), member 4 | Rn.6449 | Rn.90038 | VE1774 | 7.92 | 8.29 | 7.98 | 8.46 | 8.10 | 8.31 | 1.17 | up | 2.15E-01 | 8.95E-01 | - | - | | |
| 1397363_at | --- | --- | Rn.163439 | NM_026844 | NM_026844 | 3.83 | 4.43 | 3.84 | 4.43 | 3.84 | 4.43 | 1.17 | down | 3.70E-01 | 8.95E-01 | - | - | | |
| 1397479_at | --- | --- | Rn.6812 | BE26128 | BE26128 | 3.16 | 2.69 | 2.71 | 2.61 | 2.65 | 2.62 | 1.17 | down | 2.15E-01 | 8.95E-01 | - | - | | |
| 1385996_at | Raf1 | Raf1, member RAS oncogene family-like 1 | Rn.117122 | Rn.4323 | NM_133959 | 10.40 | 10.97 | 10.32 | 10.75 | 10.37 | 11.15 | 1.17 | up | 4.71E-01 | 8.95E-01 | - | - | | |
| 1398397_at | Ansd2 | anaphase promoting complex subunit 2 | Rn.29558 | Rn.20999 | AF590292 | 3.27 | 5.37 | 5.37 | 4.95 | 5.14 | 5.21 | 1.17 | down | 4.81E-01 | 8.95E-01 | - | - | | |
| 1397279_at | Unc54 | unc-54 homolog (A. C. elegans) | Rn.308759 | Rn.136574 | BE262629 | 3.64 | 3.75 | 3.03 | 3.72 | 3.57 | 3.81 | 1.17 | up | 3.93E-01 | 8.95E-01 | - | - | | |
| 1379750_at | RGD156280 | similar to RIKEN cDNA 2010112D | Rn.145945 | BE119093 | BE119093 | 2.42 | 2.67 | 2.60 | 2.42 | 2.65 | 2.61 | 1.17 | down | 3.25E-01 | 8.95E-01 | - | - | | |
| 1379315_at | Raf3 | Ras association (RAGDS/RAF-6) domain family (N-terminal) member 7 | Rn.293623 | Rn.24007 | BM385768 | 5.20 | 6.22 | 7.35 | 6.29 | 6.67 | 6.49 | 1.17 | up | 3.93E-01 | 8.95E-01 | - | - | | |
| 1371622_at | Dpnl1 // Dvpa2 | Dpnl1 homolog (S. cerevisiae) // candidate tumor suppressor in ovarian cancer | Rn.287223 // 497564 | Rn.217509 | AA843541 | 5.22 | 5.22 | 5.50 | 5.25 | 5.87 | 5.50 | 1.17 | up | 3.31E-01 | 8.95E-01 | - | - | | |
| 1377633_at | Sirt3 | Sirt3, subunit of the nicotinamide/nicotinamide succinate, homolog A (S. cerevisiae) | Rn.20932 | Rn.28826 | AF263265 | 2.44 | 2.63 | 2.59 | 2.44 | 2.63 | 2.21 | 1.17 | down | 3.93E-01 | 8.95E-01 | - | - | | |
| 1397924_at | Ngef | neuronal guanine nucleotide exchange factor | Rn.246217 | Rn.20760 | AF254801 | 3.03 | 2.85 | 3.40 | 2.88 | 2.89 | 2.84 | 1.17 | down | 3.31E-01 | 8.95E-01 | - | - | | |
| 1376316_at | Ocrl8 | origin recognition complex, subunit 6 like (yeast) | Rn.291527 | Rn.41300 | AD075955 | 2.75 | 2.71 | 2.53 | 3.10 | 2.76 | 2.81 | 1.17 | up | 1.53E-01 | 8.95E-01 | - | - | | |
| 1393326_at | Zfp299 | zinc finger protein 299 | Rn.107443 | Rn.102011 | AF510291 | 4.50 | 4.29 | 4.30 | 4.50 | 4.50 | 4.50 | 1.17 | down | 5.85E-01 | 8.95E-01 | - | - | | |
| 1374843_at | RGD1311378 | similar to RIKEN cDNA 2010112D | Rn.296408 | Rn.221060 | AF107899 | 4.80 | 4.80 | 5.74 | 4.78 | 4.47 | 5.21 | 1.17 | down | 5.58E-01 | 8.95E-01 | - | - | | |
| 1370779_at | Ucp2 | uncoupling protein 2 | Rn.29421 | Rn.4214 | BE119093 | 4.16 | 4.68 | 4.68 | 4.16 | 4.68 | 4.68 | 1.17 | down | 6.08E-01 | 8.95E-01 | - | - | | |
| 1373282_at | Ucp2 | uncoupling protein 2 | Rn.29448 | Rn.2334 | BE261019 | 11.28 | 10.94 | 10.91 | 10.58 | 10.68 | 11.01 | 1.17 | down | 2.67E-01 | 8.95E-01 | - | - | | |
| 1376536_at | Dp2c2 | Dp2c2, large (Drosophila) homolog associated protein 2 | Rn.116881 | Rn.10705 | AV353496 | 4.28 | 5.84 | 4.53 | 4.87 | 5.18 | 5.25 | 1.17 | up | 6.76E-01 | 9.02E-01 | - | - | | |
| 1373995_at | Pip5r1 | phosphatidylinositol 3-kinase, non-receptor type 1 | Rn.101333 | Rn.39110 | BE119093 | 3.19 | 2.38 | 2.39 | 2.43 | 2.38 | 2.38 | 1.17 | down | 4.81E-01 | 8.95E-01 | - | - | | |
| 1375982_at | Elav1 | ELAV (embryonic lethal, abnormal vision, Drosophila) like 1 (Hu antigen 1) | Rn.368304 | Rn.216517 | BF558812 | 7.97 | 8.27 | 7.45 | 7.56 | 7.60 | 7.86 | 1.17 | down | 4.30E-01 | 8.95E-01 | - | - | | |
| 1371323_at | Nkd4f | NADH dehydrogenase (ubiquinone) alpha subcomplex, 4 | Rn.101103 | BE260802 | BE260802 | 12.38 | 12.10 | 12.55 | 12.61 | 12.15 | 12.06 | 1.17 | down | 5.24E-01 | 8.95E-01 | - | - | | |
| 1370779_at | Nkd4f | NADH dehydrogenase (ubiquinone) alpha subcomplex, 4 | Rn.392824 | Rn.7972 | DF0401 | 8.88 | 9.01 | 8.88 | 8.84 | 8.52 | 8.72 | 1.17 | down | 8.15E-01 | 8.95E-01 | - | - | | |
| 1370286_at | Fbox48 | F-box protein 48 | Rn.29286 | Rn.64180 | BF584168 | 3.66 | 2.59 | 2.61 | 2.60 | 2.84 | 2.74 | 1.17 | down | 6.56E-01 | 8.95E-01 | - | - | | |
| 1390237_at | Ahd2c | 6-adenosylhomocysteine hydrolase-like 2 | Rn.312162 | Rn.30225 | BE119093 | 2.42 | 2.62 | 2.43 | 2.42 | 2.62 | 2.43 | 1.17 | down | 3.71E-01 | 8.95E-01 | - | - | | |
| 1397846_at | Chy1 | chylomicron lipase (Drosophila) | Rn.39746 | BE117101 | BE117101 | 4.51 | 5.21 | 4.72 | 5.20 | 5.00 | 4.92 | 1.17 | up | 3.71E-01 | 8.95E-01 | - | - | | |
| 1376888_at | --- | --- | Rn.6483 | BF294632 | BF294632 | 5.83 | 5.35 | 5.45 | 5.46 | 5.46 | 5.46 | 1.17 | down | 2.65E-01 | 8.95E-01 | - | - | | |
| 1376888_at | --- | --- | Rn.14626 | AV051179 | AV051179 | 4.65 | 5.18 | 5.58 | 5.58 | 5.58 | 5.58 | 1.17 | down | 4.15E-01 | 8.95E-01 | - | - | | |
| 1388773_at | Tnfrs2b | tumor necrosis factor, alpha-induced protein 2 | Rn.299339 | Rn.34387 | BE278479 | 2.37 | 2.98 | 2.34 | 2.36 | 2.33 | 2.33 | 1.17 | down | 3.46E-01 | 8.95E-01 | - | - | | |
| 1388123_at | --- | --- | Rn.10657 | NM_026807 | NM_026807 | 3.89 | 3.36 | 3.30 | 3.18 | 3.30 | 3.30 | 1.17 | down | 5.05E-01 | 8.95E-01 | - | - | | |
| 1387423_at | Gabarg1 | gamma-aminobutyric acid receptor-associated protein 1 | Rn.69161 | Rn.116284 | AD022620 | 7.46 | 7.39 | 6.49 | 7.56 | 7.59 | 7.41 | 1.17 | down | 1.95E-01 | 8.95E-01 | - | - | | |
| 1398989_at | Vgrg1 | vagrin-1 RNA sequence 2, mitochondrial (putative) | Rn.309596 | Rn.43153 | BE278974 | 2.46 | 3.49 | 2.45 | 2.62 | 2.43 | 2.68 | 1.17 | down | 5.60E- | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | FCRAhouse | Residual | Unpaired t-test | t-test (log2) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|----------|-----------------|---------------|----------|-----|
| | | | | | | SEFP (Cis) | SEFP (Ca) | SEFP (Ca) | SEFP (Ca) | SEFP (Ca) | | | | | | |
| 1372967_at | Pam50 | proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 | 296651 | Rn.13415 | A123729 | 6.99 | 5.94 | 5.44 | 5.33 | 6.16 | 6.20 | 1.12E-01 | 9.10E-01 | - | - | - |
| 1387249_at | --- | --- | --- | Rn.161430 | BE10987 | 7.06 | 6.17 | 5.75 | 6.47 | 6.30 | 6.80 | 1.16 | down | 6.36E-01 | 9.95E-01 | - |
| 1388165_at | --- | --- | --- | --- | A024713 | 2.48 | 2.46 | 2.46 | 2.40 | 2.48 | 2.48 | 1.16 | down | 6.32E-01 | 9.95E-01 | - |
| 1377144_at | Zkscan5 | zinc finger with KRAB and SCAN domains 5 | 304275 | Rn.38399 | BM39079 | 4.08 | 3.14 | 4.41 | 3.92 | 3.85 | 4.00 | 1.16 | down | 6.32E-01 | 9.95E-01 | - |
| 1377142_at | --- | --- | --- | Rn.144124 | AW5275 | 3.89 | 2.97 | 3.87 | 3.89 | 3.54 | 3.54 | 1.16 | down | 7.10E-01 | 9.95E-01 | - |
| 1379545_at | --- | --- | --- | Rn.64806 | BC372752 | 2.36 | 2.35 | 2.36 | 2.36 | 2.36 | 2.99 | 1.16 | down | 6.36E-01 | 9.95E-01 | - |
| 1383932_at | --- | --- | --- | Rn.203245 | BF386187 | 2.73 | 2.65 | 2.60 | 2.72 | 3.29 | 2.62 | 1.16 | down | 3.69E-01 | 9.95E-01 | - |
| 1382769_at | CoV1b | coxsackievirus B1 protein, 1B | 29474 | Rn.202191 | BM118222 | 6.41 | 6.44 | 6.75 | 6.41 | 6.44 | 6.48 | 1.16 | down | 6.36E-01 | 9.95E-01 | - |
| 1384196_at | Wt41 | Wt41 repeat domain 1 | 381879 | Rn.148022 | B126875 | 2.52 | 2.53 | 2.49 | 3.03 | 2.48 | 2.66 | 1.16 | down | 2.62E-01 | 9.95E-01 | - |
| 1384194_at | RGD156237b | histone H4 variant H4-v1 | 500331 | Rn.203538 | BM35940 | 2.28 | 2.89 | 2.28 | 2.27 | 2.28 | 2.27 | 1.16 | down | 3.51E-01 | 9.95E-01 | - |
| 1386550_at | --- | --- | --- | Rn.203538 | BM35940 | 3.87 | 4.39 | 2.43 | 3.23 | 3.47 | 3.36 | 1.16 | down | 7.85E-01 | 9.95E-01 | - |
| 1386756_at | Ncdn | neuroductin | 89791 | Rn.59563 | NM_053343 | 4.75 | 5.25 | 4.33 | 5.18 | 4.97 | 4.82 | 1.16 | down | 4.96E-01 | 9.95E-01 | - |
| 1386755_at | GRI1 | glutamate-specific trehalase A resistant guanine nucleotide exchange factor 1 | 309451 | Rn.61235 | BE057285 | 6.09 | 6.35 | 6.09 | 5.34 | 6.09 | 6.45 | 1.16 | down | 5.61E-01 | 9.95E-01 | - |
| 1386708_at | Mam3 | Mastemind like 3 (Drosophila) | 310405 | Rn.218110 | BI27590 | 3.22 | 2.77 | 2.81 | 2.77 | 2.78 | 2.61 | 1.16 | down | 2.37E-01 | 9.95E-01 | - |
| 1387089_at | FoR1 | folate receptor 1 (adult) | 171049 | Rn.19712 | AJ233882 | 8.60 | 9.17 | 9.38 | 8.58 | 8.98 | 8.95 | 1.16 | down | 4.66E-01 | 9.95E-01 | - |
| 1387088_at | Zfp161 | zinc finger protein 151 | 306104 | Rn.152026 | BC567490 | 4.56 | 5.04 | 5.09 | 5.05 | 4.70 | 5.59 | 1.16 | down | 5.39E-01 | 9.95E-01 | - |
| 1395176_at | --- | --- | --- | Rn.63561 | BF404785 | 2.48 | 3.17 | 2.50 | 2.41 | 2.49 | 2.61 | 1.16 | down | 4.12E-01 | 9.95E-01 | - |
| 1395175_at | --- | --- | --- | Rn.144276 | AW455040 | 4.89 | 5.60 | 5.07 | 2.70 | 5.01 | 5.01 | 1.16 | down | 4.86E-01 | 9.95E-01 | - |
| 1395174_at | --- | --- | --- | Rn.192448 | AQ009813 | 3.53 | 4.37 | 4.05 | 4.64 | 3.58 | 4.38 | 1.16 | down | 6.23E-01 | 9.95E-01 | - |
| 1395173_at | --- | --- | --- | Rn.201252 | BE123789 | 10.15 | 10.79 | 10.26 | 10.16 | 10.11 | 10.19 | 1.16 | down | 3.40E-01 | 9.95E-01 | - |
| 1371822_at | Polr2a | polymrase (RNA II) (DNA directed) polypeptide D, 44kDa | 395012 | Rn.16996 | B125931 | 5.68 | 5.98 | 6.37 | 5.86 | 5.54 | 5.58 | 1.16 | down | 4.71E-01 | 9.95E-01 | - |
| 1370845_at | Emp2d | ectonucleoside triphosphatase diphosphatase 2 | 64467 | Rn.8276 | BI28960 | 2.44 | 2.34 | 2.32 | 3.09 | 2.35 | 2.33 | 1.16 | down | 4.44E-01 | 9.95E-01 | - |
| 1370844_at | Abn5d | abn5dase domain containing 5 | 318122 | Rn.12459 | AA98930 | 5.80 | 4.47 | 2.52 | 4.48 | 2.80 | 5.28 | 1.16 | down | 8.57E-01 | 9.95E-01 | - |
| 1371417_at | Akb2e | akb2, activation repair homolog 5 (E. coli) | 303153 | Rn.165441 | AT157460 | 2.93 | 2.93 | 3.65 | 2.89 | 2.98 | 2.91 | 1.16 | down | 4.22E-01 | 9.95E-01 | - |
| 1371599_at | LOC2294154 | similar to chromosome 6 open reading frame 106 isoform a nuclear factor, interferon 3 regulated | 294154 | Rn.118613 | AJ228587 | 8.85 | 9.68 | 8.84 | 9.01 | 9.00 | 9.78 | 1.16 | down | 6.24E-01 | 9.95E-01 | - |
| 1384849_at | Nf3 | nuclear factor, interferon 3 regulated | 114519 | Rn.54760 | NM_033727 | 4.14 | 3.88 | 2.95 | 5.04 | 2.43 | 3.87 | 1.16 | down | 8.18E-01 | 9.95E-01 | - |
| 1393940_at | --- | --- | --- | Rn.135395 | AJ070444 | 2.76 | 2.68 | 2.47 | 2.74 | 2.78 | 2.75 | 1.16 | down | 4.45E-01 | 9.95E-01 | - |
| 1384850_at | --- | --- | --- | Rn.148182 | AT10183 | 2.78 | 2.79 | 2.35 | 3.46 | 2.88 | 2.70 | 1.16 | down | 4.03E-01 | 9.95E-01 | - |
| 1381951_at | Zfp275 | zinc finger protein 275 | 293849 | Rn.44882 | AW52551 | 2.85 | 2.72 | 2.75 | 3.03 | 3.03 | 2.99 | 1.16 | down | 2.68E-02 | 9.95E-01 | - |
| 1387872_at | Tcf21 | transcription factor 21 | 252886 | Rn.18171 | BE113336 | 3.96 | 4.22 | 3.59 | 3.98 | 3.72 | 3.43 | 1.16 | down | 4.28E-01 | 9.95E-01 | - |
| 1374603_at | Gdu2 | guanylylase (N-acetyl) transferase 2, l-branching enzyme | 306860 | Rn.8607 | AQ24819 | 7.54 | 7.20 | 6.07 | 7.19 | 7.47 | 7.51 | 1.16 | down | 4.79E-01 | 9.95E-01 | - |
| 1382608_at | Hexk | hexokinase 2 | 297389 | Rn.6770 | BF285119 | 9.39 | 8.47 | 8.52 | 8.13 | 8.72 | 8.89 | 1.16 | down | 6.03E-01 | 9.95E-01 | - |
| 1372799_at | Hesaf1 | Hesaf1 1 rat specific factor 1 | 3117812 | Rn.165441 | AA554849 | 7.10 | 7.50 | 7.23 | 7.30 | 7.50 | 7.50 | 1.16 | down | 3.86E-01 | 9.95E-01 | - |
| 1396187_at | Ddcat | DEAD (Asp-Glu-Ala-Asp) box polypeptide 21 | 317399 | Rn.162310 | AI136551 | 2.80 | 2.85 | 2.71 | 2.71 | 2.65 | 3.64 | 1.16 | down | 5.45E-01 | 9.95E-01 | - |
| 1396985_at | Phogd1 | phosphoglycerate dehydrogenase 1 | 301934 | Rn.171551 | BE107425 | 3.08 | 2.50 | 2.52 | 2.50 | 2.51 | 2.64 | 1.16 | down | 3.27E-01 | 9.95E-01 | - |
| 1383417_at | Hes1 | Hes1 Biedl-Biedl syndrome 1 homolog (human) | 309156 | Rn.12497 | BE119990 | 8.52 | 7.12 | 6.12 | 7.05 | 7.07 | 7.00 | 1.16 | down | 7.75E-01 | 9.95E-01 | - |
| 1382779_at | Hes1 | Hes1 Biedl-Biedl syndrome 1 homolog (human) | 309156 | Rn.12497 | BE119990 | 8.52 | 7.12 | 6.12 | 7.05 | 7.07 | 7.00 | 1.16 | down | 7.75E-01 | 9.95E-01 | - |
| 1378429_at | --- | --- | --- | Rn.13318 | BE109825 | 2.55 | 2.53 | 2.83 | 3.18 | 2.49 | 2.68 | 1.16 | down | 3.65E-01 | 9.95E-01 | - |
| 1388431_at | Se18 | synovial sarcoma translocation, Chromosome 18 | 361295 | Rn.1014 | AA951282 | 6.48 | 5.77 | 6.48 | 6.39 | 6.63 | 6.63 | 1.16 | down | 4.45E-01 | 9.95E-01 | - |
| 1394554_at | Ost1a | OST1A domain containing | 458903 | Rn.41393 | AT177653 | 3.31 | 3.31 | 3.68 | 3.59 | 3.31 | 3.68 | 1.16 | down | 6.31E-01 | 9.95E-01 | - |
| 1378288_at | Ost1a | OST1A domain containing | 303879 | Rn.19056 | BI212167 | 3.95 | 3.79 | 3.84 | 3.98 | 4.03 | 3.84 | 1.16 | down | 5.14E-01 | 9.95E-01 | - |
| 1378852_at | Fgf | FGF-like induced growth factor | 300457 | Rn.10376 | AI170324 | 2.59 | 3.59 | 2.56 | 2.60 | 2.60 | 2.90 | 1.16 | down | 5.82E-01 | 9.95E-01 | - |
| 1378851_at | Ar | ADP-ribosyl transferase 3 | 307200 | Rn.100440 | BC383081 | 5.80 | 5.80 | 6.88 | 4.86 | 5.69 | 5.59 | 1.16 | down | 7.58E-01 | 9.95E-01 | - |
| 1389324_at | Tie1 | tyrosine kinase with immunoglobulin-like and EGF-like domains 1 | 89806 | Rn.10376 | BI299129 | 2.46 | 2.43 | 2.47 | 3.10 | 2.46 | 2.44 | 1.16 | down | 3.80E-01 | 9.95E-01 | - |
| 1389323_at | --- | --- | --- | Rn.169389 | BE105611 | 7.30 | 7.30 | 7.23 | 7.30 | 7.30 | 7.56 | 1.16 | down | 3.88E-01 | 9.95E-01 | - |
| 1378014_at | LOC604308 | Seitin | 64038 | Rn.25472 | BF405144 | 4.10 | 3.71 | 3.34 | 3.65 | 4.03 | 4.11 | 1.16 | down | 4.63E-01 | 9.95E-01 | - |
| 1372788_at | Ube2q1 | ubiquitin-conjugating enzyme E2Q family member 1 | 292522 | Rn.19034 | AI144725 | 2.93 | 2.76 | 2.93 | 2.92 | 3.41 | 2.92 | 1.16 | down | 2.88E-01 | 9.95E-01 | - |
| 1392927_at | --- | --- | --- | Rn.154195 | BE141569 | 2.38 | 2.38 | 2.39 | 2.46 | 2.38 | 2.39 | 1.16 | down | 2.45E-01 | 9.95E-01 | - |
| 1392926_at | Pog2 | polycomb group ring finger 2 | 287862 | Rn.11828 | AA958114 | 3.05 | 3.15 | 3.02 | 3.28 | 2.97 | 2.73 | 1.16 | down | 5.98E-02 | 9.95E-01 | - |
| 1378605_at | Soc3b | Soc3b component of cytokine signaling 6 | 307200 | Rn.10376 | AI170324 | 5.80 | 5.80 | 6.88 | 4.86 | 5.69 | 5.59 | 1.16 | down | 7.58E-01 | 9.95E-01 | - |
| 1382608_at | ED24B3 | ectonucleoside triphosphatase diphosphatase 2 alpha isoform | 29702 | Rn.24897 | AA10599 | 3.00 | 4.18 | 3.99 | 3.62 | 4.03 | 4.54 | 1.16 | down | 5.43E-01 | 9.95E-01 | - |
| 1378852_at | Dniz | DNA-type zinc finger | 296587 | Rn.22412 | BC379501 | 5.80 | 5.69 | 5.54 | 6.02 | 5.78 | 6.71 | 1.16 | down | 6.49E-01 | 9.95E-01 | - |
| 1393940_at | Zfp426 | zinc finger protein 426 | 307618 | Rn.165611 | AA176611 | 7.30 | 7.30 | 7.23 | 7.30 | 7.30 | 7.56 | 1.16 | down | 3.88E-01 | 9.95E-01 | - |
| 1376652_at | Trenm10 | transmembrane protein 160 | 292654 | Rn.39053 | AW525031 | 2.91 | 2.64 | 3.18 | 3.30 | 3.14 | 2.91 | 1.16 | down | 3.22E-01 | 9.95E-01 | - |
| 1374840_at | Zfp462 | zinc finger protein 462 | 326522 | Rn.23557 | AI107893 | 3.50 | 2.71 | 2.70 | 2.61 | 2.60 | 2.82 | 1.16 | down | 4.85E-01 | 9.95E-01 | - |
| 1392925_at | Rpms2 | ribosomal protein with multiple splicing 2 | 291031 | Rn.20314 | BM38954 | 7.43 | 6.91 | 7.81 | 7.51 | 7.82 | 7.82 | 1.16 | down | 3.91E-01 | 9.95E-01 | - |
| 1398834_at | LOC586032 | hypothetical protein LOC586032 | 688632 | Rn.12393 | AI037855 | 5.75 | 5.56 | 5.58 | 6.20 | 5.21 | 5.72 | 1.16 | down | 6.28E-01 | 9.95E-01 | - |
| 1373157_at | RWD | RWD domain containing 1 | 295918 | Rn.25918 | BE107377 | 3.08 | 3.07 | 3.08 | 3.17 | 3.08 | 3.07 | 1.16 | down | 1.16E-01 | 9.95E-01 | - |
| 1374544_at | Pip2 | phosphatidylinositol-related gene 2 | 314614 | Rn.107771 | AT11557 | 2.69 | 3.21 | 2.55 | 2.87 | 2.91 | 3.31 | 1.16 | down | 4.37E-01 | 9.95E-01 | - |
| 1382031_at | --- | --- | --- | Rn.107872 | AA924807 | 3.07 | 3.10 | 3.09 | 2.99 | 2.99 | 3.07 | 1.16 | down | 4.96E-01 | 9.95E-01 | - |
| 1393922_at | LOC296300 | similar to zinc finger protein 341 | 296300 | Rn.202296 | BI098742 | 2.95 | 2.96 | 2.91 | 2.95 | 2.96 | 2.91 | 1.16 | down | 3.88E-01 | 9.95E-01 | - |
| 138714_at | Tmc4 | transmembrane channel-like 4 | 308310 | Rn.13875 | BF545988 | 2.23 | 2.85 | 2.33 | 2.22 | 2.23 | 2.22 | 1.16 | down | 3.67E-01 | 9.95E-01 | - |
| 1378996_at | --- | --- | --- | Rn.42963 | AI550116 | 5.84 | 6.07 | 5.93 | 5.99 | 5.23 | 5.88 | 1.16 | down | 7.56E-01 | 9.95E-01 | - |
| 1389440_at | --- | --- | --- | Rn.159496 | AI178476 | 2.37 | 2.36 | 2.97 | 2.36 | 2. | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | FC/Median | Residual | Unpaired t-test (FC vs CH) (log) | REG | MTC | |
|------------|-------------|---|------------------|------------|-----------|----------------------|-----------|----------|----------|-----------|-----------|-----------|----------|----------------------------------|----------|-----|-----|
| | | | | | | SEFP (Ch) | SEFP (Ca) | SEFP (S) | SEFP (L) | SEFP (Ca) | SEFP (Ca) | | | | | | |
| 1382458 | --- | --- | --- | Rn.169353 | BF141815 | 2.68 | 2.74 | 2.55 | 2.63 | 2.69 | 3.27 | 1.15 | down | 3.82E-01 | 8.95E-01 | --- | --- |
| 1371775 | --- | --- | --- | Rn.130237 | A1172057 | 9.21 | 9.21 | 8.80 | 9.18 | 9.24 | 8.13 | 1.15 | up | 2.54E-01 | 8.95E-01 | --- | --- |
| 1376260 | Dpp9 | adiponectin peptidase 9 | 301130 | Rn.414201 | N0574121 | 3.96 | 3.94 | 3.96 | 4.21 | 3.94 | 1.93 | 1.15 | down | 3.77E-01 | 8.95E-01 | --- | --- |
| 1383825 | Rox | rodin | 315655 | Rn.203261 | AW573713 | 7.84 | 8.83 | 7.55 | 8.51 | 8.15 | 9.13 | 1.15 | up | 6.34E-01 | 8.95E-01 | --- | --- |
| 1376489 | LOC918027 | similar to KIAA1852 protein | 255660 | Rn.158128 | B233714 | 3.07 | 3.02 | 3.02 | 3.02 | 3.02 | 3.77 | 1.15 | down | 1.24E-01 | 8.95E-01 | --- | --- |
| 1398726 | Acsc31 | Activating signal co-receptor 1 complex subunit 3-like 1 | 296126 | Rn.76239 | A052051 | 3.24 | 3.05 | 3.07 | 3.12 | 2.66 | 4.00 | 1.15 | down | 8.86E-01 | 8.95E-01 | --- | --- |
| 1380022 | --- | --- | --- | Rn.1287 | NA081827 | 4.83 | 5.90 | 5.90 | 5.65 | 5.60 | 5.86 | 1.15 | down | 7.20E-01 | 8.95E-01 | --- | --- |
| 1389874 | MB1 | interferon regulatory protein 81 homolog (Chlamydomonas G. (avian)) | 373066 | Rn.47711 | BF140488 | 4.94 | 4.42 | 4.68 | 4.33 | 5.47 | 4.86 | 1.15 | up | 5.96E-01 | 8.95E-01 | --- | --- |
| 1388243 | LOC911563 | similar to Dispersin translocase 3 CGC7748-PA | 303180 | Rn.203261 | AW573713 | 7.84 | 8.83 | 7.55 | 8.51 | 8.15 | 9.13 | 1.15 | up | 2.70E-01 | 8.95E-01 | --- | --- |
| 1398533 | Cy92 | cytochrome P450 interacting protein 2 | 300373 | Rn.44008 | BF165637 | 2.57 | 2.57 | 2.57 | 2.39 | 2.57 | 2.60 | 1.15 | down | 8.40E-01 | 8.95E-01 | --- | --- |
| 1389782 | 79430 | hypothetical protein LOC979430 // similar to RIKEN cDNA 101071G23 | 294499 // 679430 | Rn.3981 | AA089993 | 6.30 | 6.26 | 6.46 | 6.47 | 6.49 | 6.68 | 1.15 | down | 8.40E-01 | 8.95E-01 | --- | --- |
| 1387370 | Tms1 | Tomodomain 1 | 255660 | Rn.1549 | NM.019044 | 2.85 | 2.91 | 2.98 | 2.27 | 2.28 | 2.26 | 1.15 | down | 3.27E-01 | 8.95E-01 | --- | --- |
| 1376113 | Zswin1 | zinc finger, SWIM-type containing 1 | 311631 | Rn.27453 | BZ79883 | 6.10 | 6.74 | 6.68 | 7.04 | 6.62 | 6.76 | 1.15 | down | 5.07E-01 | 8.95E-01 | --- | --- |
| 1389187 | --- | --- | --- | Rn.203869 | BZ82421 | 4.65 | 3.57 | 3.98 | 3.43 | 3.48 | 4.68 | 1.15 | down | 7.05E-01 | 8.95E-01 | --- | --- |
| 1389274 | Bmyc | brain expressed myc/lymphoma oncogene | 311807 | Rn.115029 | AA849035 | 4.03 | 3.02 | 3.26 | 2.66 | 3.56 | 3.78 | 1.15 | down | 8.65E-01 | 8.95E-01 | --- | --- |
| 139742 | Ipo5 | importin 5 | 306182 | Rn.79893 | BZ97304 | 2.79 | 2.48 | 2.53 | 2.88 | 2.54 | 3.01 | 1.15 | up | 2.92E-01 | 8.95E-01 | --- | --- |
| 1373700 | Dus3 | dual specificity phosphatase 3 | 458003 | Rn.8296 | AK920794 | 2.41 | 2.54 | 2.41 | 2.41 | 2.97 | 2.41 | 1.15 | up | 3.30E-01 | 8.95E-01 | --- | --- |
| 137625 | LOC91882 | hypothetical protein LOC91882 | 691882 | Rn.19840 | BZ16915 | 5.79 | 6.47 | 6.00 | 7.10 | 5.47 | 6.31 | 1.15 | down | 7.07E-01 | 8.95E-01 | --- | --- |
| 1374738 | Sdcap3 | serologically defined colon cancer antigen 10 | 361887 | Rn.15377 | BF143887 | 9.72 | 9.09 | 8.31 | 9.53 | 9.21 | 9.00 | 1.15 | up | 6.95E-01 | 8.95E-01 | --- | --- |
| 1388894 | Dd54 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 54 | 369915 | Rn.41969 | BZ78970 | 4.62 | 5.97 | 5.83 | 5.82 | 5.21 | 6.22 | 1.15 | down | 8.81E-01 | 8.95E-01 | --- | --- |
| 1388314 | Gcgc | gamma-glutamyl carboxylase | 87116 | Rn.22410 | NM.031756 | 3.80 | 3.39 | 3.39 | 3.07 | 4.04 | 4.09 | 1.15 | up | 5.94E-01 | 8.95E-01 | --- | --- |
| 1374656 | Bodn3 | BCDN3 domain containing | 353001 | Rn.50645 | BF398476 | 2.97 | 4.69 | 3.92 | 2.94 | 3.78 | 4.24 | 1.15 | down | 7.58E-01 | 8.95E-01 | --- | --- |
| 1386126 | --- | --- | --- | Rn.19129 | BZ12663 | 5.91 | 5.42 | 5.44 | 5.00 | 6.23 | 5.94 | 1.15 | down | 5.08E-01 | 8.95E-01 | --- | --- |
| 1398739 | Metap2 | methionyl aminopeptidase 2 | 64370 | Rn.1984 | NM.022539 | 8.75 | 8.29 | 8.46 | 8.62 | 8.85 | 8.66 | 1.15 | up | 2.43E-01 | 8.95E-01 | --- | --- |
| 1394440 | Trip1 | transcript 1 | 301205 | Rn.19129 | BZ12663 | 5.91 | 5.42 | 5.44 | 5.00 | 6.23 | 5.94 | 1.15 | down | 5.08E-01 | 8.95E-01 | --- | --- |
| 1377172 | Gpm2 | G-protein signaling modulator 2 (AGS3-like, C. elegans) | 362021 | Rn.144235 | BE170022 | 2.59 | 2.52 | 3.09 | 2.58 | 4.13 | 2.72 | 1.15 | up | 7.13E-01 | 8.95E-01 | --- | --- |
| 1379005 | Atf9p | ADP-ribosylating-like factor 9 interacting protein | 499798 | Rn.14597 | AE159274 | 3.92 | 3.76 | 4.43 | 3.96 | 3.80 | 3.73 | 1.15 | down | 3.86E-01 | 8.95E-01 | --- | --- |
| 1389754 | P2y9 | purinergic receptor P2Y, G-protein coupled, 6 | 117264 | Rn.10971 | NM.057334 | 3.28 | 2.44 | 2.38 | 2.59 | 2.48 | 2.38 | 1.15 | down | 2.96E-01 | 8.95E-01 | --- | --- |
| 1381713 | --- | --- | --- | Rn.197971 | BE106279 | 6.10 | 5.11 | 5.44 | 5.64 | 5.11 | 5.28 | 1.15 | down | 5.65E-01 | 8.95E-01 | --- | --- |
| 1398673 | Iqwi1 | IQ motif and WD repeats 1 | 298181 | Rn.3917 | AA845840 | 7.75 | 7.77 | 8.50 | 7.84 | 7.62 | 7.74 | 1.15 | down | 4.55E-01 | 8.95E-01 | --- | --- |
| 137952 | --- | --- | --- | Rn.153299 | BE103309 | 4.26 | 4.32 | 4.95 | 2.32 | 2.32 | 2.32 | 1.15 | down | 1.32E-01 | 8.95E-01 | --- | --- |
| 1396882 | --- | --- | --- | Rn.47074 | AW529066 | 2.67 | 2.62 | 2.71 | 2.91 | 2.79 | 2.93 | 1.15 | up | 1.70E-01 | 8.95E-01 | --- | --- |
| 1376489 | Alp1 | lysosomal alpha-L-phosphatase | 295162 | Rn.151248 | BZ12663 | 4.82 | 4.81 | 4.70 | 4.82 | 4.70 | 4.82 | 1.15 | down | 8.81E-01 | 8.95E-01 | --- | --- |
| 1378113 | Rox | Rox interacting lysosomal protein-like 1 | 304469 | Rn.62827 | BZ12663 | 7.04 | 5.64 | 3.78 | 5.64 | 5.65 | 5.79 | 1.15 | up | 8.38E-01 | 8.95E-01 | --- | --- |
| 1391913 | Atf9p | ADP-ribosylating-like factor 9 interacting protein | 301205 | Rn.62827 | AB82466 | 6.97 | 7.18 | 6.38 | 6.36 | 7.03 | 6.48 | 1.15 | down | 5.57E-01 | 8.95E-01 | --- | --- |
| 1387983 | Thc1 | transmembrane domain containing 13 | 34831 | Rn.89892 | BF143887 | 8.31 | 7.87 | 7.89 | 8.31 | 7.86 | 8.31 | 1.15 | down | 6.87E-01 | 8.95E-01 | --- | --- |
| 1381617 | --- | --- | --- | Rn.205942 | BE102300 | 2.48 | 3.31 | 2.51 | 3.21 | 3.27 | 2.44 | 1.15 | up | 6.17E-01 | 8.95E-01 | --- | --- |
| 1391192 | Lacn1 | lysosomal alpha-L-glucuronidase | 369503 | Rn.41722 | BF143887 | 3.59 | 3.59 | 3.59 | 3.59 | 3.59 | 3.59 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1383600 | Pev16 | perlecan core protein 16 | 311203 | Rn.98956 | BC376773 | 4.66 | 4.69 | 4.95 | 4.48 | 4.07 | 5.13 | 1.15 | down | 5.54E-01 | 8.95E-01 | --- | --- |
| 1383044 | --- | --- | --- | Rn.81527 | BM385117 | 4.67 | 5.92 | 4.99 | 4.75 | 5.89 | 5.55 | 1.15 | up | 7.04E-01 | 8.95E-01 | --- | --- |
| 137952 | --- | --- | --- | Rn.34184 | BF459469 | 5.28 | 5.45 | 5.04 | 5.04 | 5.04 | 5.04 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1380162 | --- | --- | --- | Rn.200745 | BZ174645 | 2.71 | 2.96 | 2.78 | 2.74 | 3.61 | 2.70 | 1.15 | up | 5.34E-01 | 8.95E-01 | --- | --- |
| 1390070 | Sein3 | Sein3 | 315427 | Rn.130697 | AA082466 | 2.30 | 2.43 | 2.44 | 2.43 | 2.44 | 2.41 | 1.15 | up | 2.81E-01 | 8.95E-01 | --- | --- |
| 1381153 | --- | --- | --- | Rn.13277 | NA04121 | 7.62 | 7.88 | 7.77 | 7.78 | 7.77 | 7.77 | 1.15 | down | 5.81E-01 | 8.95E-01 | --- | --- |
| 1378111 | Rap1gds1 | RAP1, GTP-GDP dissociation stimulator 1 | 310909 | Rn.169447 | AA042728 | 6.53 | 7.09 | 7.36 | 6.55 | 7.07 | 6.73 | 1.15 | down | 5.11E-01 | 8.95E-01 | --- | --- |
| 1389593 | --- | --- | --- | Rn.91544 | AA13845 | 4.38 | 4.38 | 4.38 | 4.38 | 4.38 | 4.38 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1383000 | Qrch2 | glutamine rich 2 | 501747 | Rn.15780 | BC376773 | 3.58 | 4.73 | 3.61 | 3.54 | 3.55 | 4.20 | 1.15 | down | 6.60E-01 | 8.95E-01 | --- | --- |
| 1396999 | Nnat | neuraminidase | 94270 | Rn.5785 | NM_035031 | 2.37 | 2.38 | 2.38 | 3.01 | 2.37 | 2.36 | 1.15 | up | 3.93E-01 | 8.95E-01 | --- | --- |
| 1370303 | Codenn3 | coiled-coil domain containing 5 | 322228 | Rn.163398 | AT552217 | 2.38 | 2.49 | 2.41 | 2.79 | 2.41 | 2.39 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1398768 | Rbp7 | retinoblastoma binding protein 7 | 87312 | Rn.3030 | NM_031816 | 8.94 | 8.89 | 9.16 | 8.51 | 8.79 | 9.07 | 1.15 | down | 3.17E-01 | 8.95E-01 | --- | --- |
| 1371945 | Naf68 | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 | 297969 | Rn.104528 | BF143887 | 8.48 | 9.40 | 8.48 | 8.48 | 9.40 | 8.48 | 1.15 | down | 4.05E-01 | 8.95E-01 | --- | --- |
| 1388652 | Nuc21 | nucleolar protein 21 | 61775 | Rn.4153 | BF141111 | 11.56 | 11.11 | 11.62 | 11.71 | 11.80 | 12.00 | 1.15 | down | 1.07E-01 | 8.95E-01 | --- | --- |
| 1380959 | --- | --- | --- | Rn.168055 | BC392556 | 2.51 | 3.39 | 2.47 | 2.83 | 2.48 | 2.43 | 1.15 | down | 6.91E-01 | 8.95E-01 | --- | --- |
| 1389015 | --- | --- | --- | Rn.139189 | BF143887 | 5.28 | 5.69 | 4.36 | 4.23 | 6.09 | 4.36 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1380043 | RGD131848 | similar to hypothetical protein FLJ12180 | 313949 | Rn.102574 | BZ04460 | 3.98 | 5.13 | 5.68 | 5.13 | 5.30 | 4.48 | 1.15 | down | 7.06E-01 | 8.95E-01 | --- | --- |
| 1382056 | --- | --- | --- | Rn.39302 | BZ12663 | 6.08 | 6.19 | 6.36 | 5.78 | 6.42 | 7.05 | 1.15 | up | 6.11E-01 | 8.95E-01 | --- | --- |
| 1374734 | LOC92054 | EF-hand domain (C-terminal) containing 2 | 620254 | Rn.6154 | BE115842 | 6.69 | 6.75 | 6.94 | 6.75 | 6.94 | 6.75 | 1.15 | down | 6.17E-01 | 8.95E-01 | --- | --- |
| 1382511 | Ehf2 | E2F transcription factor 1 | 399489 | Rn.72471 | AF113319 | 3.00 | 2.41 | 2.42 | 2.41 | 2.39 | 2.41 | 1.15 | down | 3.48E-01 | 8.95E-01 | --- | --- |
| 1380223 | --- | --- | --- | Rn.107200 | AA13845 | 2.38 | 2.40 | 2.38 | 2.40 | 2.38 | 2.40 | 1.15 | down | 1.33E-01 | 8.95E-01 | --- | --- |
| 1377995 | Smi22 | smoothelin-like 2 | 679629 | Rn.32487 | BF211335 | 3.93 | 3.37 | 3.38 | 3.31 | 3.38 | 3.38 | 1.15 | down | 3.28E-01 | 8.95E-01 | --- | --- |
| 1371496 | --- | --- | --- | Rn.13458 | AF117804 | 10.50 | 10.55 | 10.52 | 10.56 | 10.58 | 10.34 | 1.15 | down | 2.37E-01 | 8.95E-01 | --- | --- |
| 1380223 | Cod41 | coiled-coil domain containing 41 | 366872 | Rn.45465 | BF230048 | 3.42 | 3.42 | 3.85 | 3.42 | 3.42 | 3.42 | 1.15 | down | 3.28E-01 | 8.95E-01 | --- | --- |
| 1392116 | --- | --- | --- | Rn.212024 | BZ1266 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEXP (Ct) | SEXP (Ct) | SEXP (Ct) | SEXP (Ct) | SEXP (Ct) | SEXP (Ct) | SEXP (Ct) | FC/Mouse | Resonance | Unpaired | Clust Cst vs Ctl (log2) | REG | MTC |
|------------|----------------|---|------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-------------------------|-----|-----|
| 1374529_at | --- | --- | --- | --- | AA06660 | 4.77 | 6.00 | 4.10 | 4.31 | 4.44 | 4.11 | --- | --- | --- | --- | --- | --- | --- |
| 1371191_at | Nr2f2 | nuclear receptor 2 (nrf2) | 25744 | Rn_46695 | BF066236 | 4.16 | 3.52 | 4.28 | 3.22 | 3.25 | 3.09 | 1.15 | down | 1.70E-01 | 9.07E-01 | --- | --- | |
| 1381595_at | Amb | ADP-ribosylation factor 8B | 500282 | Rn_6283 | BF012922 | 2.69 | 2.72 | 2.69 | 2.70 | 2.74 | 2.70 | 1.15 | down | 5.10E-01 | 8.95E-01 | --- | --- | |
| 1381594_at | Srsf22 | sorting nexin family member 27 | 260323 | Rn_76561 | BF012922 | 6.25 | 6.61 | 6.25 | 6.12 | 6.26 | 6.33 | 1.15 | down | 6.85E-01 | 9.06E-01 | --- | --- | |
| 138917_at | --- | --- | --- | --- | BF394620 | 4.36 | 4.56 | 4.28 | 5.42 | 3.91 | 4.47 | 1.15 | up | 6.75E-01 | 9.01E-01 | --- | --- | |
| 138916_at | --- | --- | --- | --- | AA174416 | 8.36 | 8.67 | 8.45 | 7.79 | 8.44 | 8.65 | 1.15 | down | 5.00E-01 | 8.95E-01 | --- | --- | |
| 139775_at | --- | --- | --- | --- | A1575640 | 2.44 | 2.44 | 2.45 | 2.42 | 2.42 | 2.40 | 1.15 | down | 3.24E-01 | 8.95E-01 | --- | --- | |
| 1374601_at | --- | --- | --- | --- | Rn_4081 | AA851818 | 4.20 | 4.14 | 4.29 | 3.78 | 4.99 | 4.87 | 1.15 | up | 5.72E-01 | 8.95E-01 | --- | --- |
| 1369584_at | Erf1 | ErbB family class 1 tyrosine kinase member 5 | 116683 | Rn_10774 | NM_130774 | 3.38 | 3.61 | 3.31 | 3.17 | 3.10 | 3.30 | 1.15 | down | 2.35E-01 | 8.95E-01 | --- | --- | |
| 1392180_at | Sp1 | Sp1 transcription factor | 24790 | Rn_44609 | A0705174 | 4.44 | 4.52 | 5.03 | 4.35 | 4.98 | 4.87 | 1.15 | down | 5.97E-01 | 8.95E-01 | --- | --- | |
| 1379166_at | Mps2b | Mitochondrial ribosomal protein S26 | 362216 | Rn_8520 | A0237981 | 2.19 | 2.48 | 2.59 | 2.58 | 2.59 | 2.69 | 1.15 | up | 1.80E-01 | 8.95E-01 | --- | --- | |
| 1379371_at | Rn03 | --- | 140945 | Rn_11652 | A0192703 | 7.78 | 7.09 | 5.51 | 7.01 | 7.47 | 7.51 | 1.15 | down | 4.33E-01 | 8.95E-01 | --- | --- | |
| 1396736_at | --- | --- | --- | --- | BF409344 | 2.61 | 2.49 | 2.62 | 3.11 | 2.61 | 2.60 | 1.15 | up | 3.04E-01 | 8.95E-01 | --- | --- | |
| 1398229_at | Pip6f | PI3K pre-mRNA splicing factor 6 homolog (S. cerevisiae) | 362776 | Rn_17062 | A0184000 | 6.40 | 6.66 | 6.08 | 6.61 | 5.11 | 6.82 | 1.15 | down | 7.95E-01 | 9.16E-01 | --- | --- | |
| 1387019_at | Cstaf | cellulose synthase-like class III member 1 | 24331 | Rn_60204 | NM_125522 | 8.48 | 9.96 | 8.99 | 9.18 | 9.37 | 9.50 | 1.15 | up | 6.72E-01 | 9.01E-01 | --- | --- | |
| 1390777_at | Sc5f5 | sterol-C5-desaturase (ERG5) delta-5-desaturase homolog, S. cerevisiae | 114100 | Rn_18741 | A0170051 | 7.41 | 8.04 | 7.44 | 7.68 | 7.82 | 8.00 | 1.15 | up | 4.25E-01 | 8.95E-01 | --- | --- | |
| 1397941_at | Tsrf1 | lowed gasation factor 1 (Drosophila) | 30324 | Rn_74460 | BS071148 | 4.05 | 4.24 | 3.95 | 3.78 | 4.17 | 4.04 | 1.15 | down | 2.60E-01 | 8.95E-01 | --- | --- | |
| 1391315_at | RD01592174 | similar to RPKA4-1c2 protein | 310538 | Rn_58464 | BM388643 | 6.43 | 5.91 | 7.81 | 6.28 | 6.75 | 6.54 | 1.15 | down | 7.47E-01 | 9.16E-01 | --- | --- | |
| 1393707_at | --- | --- | --- | --- | Rn_189452 | BF595100 | 9.22 | 8.65 | 9.25 | 8.70 | 8.45 | 9.36 | 1.15 | down | 5.91E-01 | 8.95E-01 | --- | --- |
| 1388363_at | --- | --- | --- | --- | Rn_45287 | AW051925 | 9.91 | 8.90 | 8.19 | 8.90 | 8.53 | 9.33 | 1.15 | down | 7.38E-01 | 9.15E-01 | --- | --- |
| 1398219_at | D171 // RGD155 | similar to nidogen 2 // nidogen-2-like domain containing protein 3 | 361753 // 499004 | Rn_201887 | BF452315 | 2.40 | 2.38 | 2.41 | 2.39 | 3.04 | 2.37 | 1.15 | up | 4.25E-01 | 8.95E-01 | --- | --- | |
| LOC650209 | LOC650209 | similar to anaphase promoting complex subunit 11 | 685029 | Rn_98498 | KA795672 | 10.05 | 10.49 | 9.89 | 10.44 | 10.22 | 10.38 | 1.15 | down | 3.14E-01 | 8.95E-01 | --- | --- | |
| 1392618_at | Hb7 | H-bonded hydrolase (serotonine) receptor 7 | 65032 | Rn_87132 | XG9293 | 2.77 | 2.74 | 2.42 | 2.41 | 4.29 | 2.40 | 1.15 | down | 2.98E-01 | 8.95E-01 | --- | --- | |
| 1393036_at | Impa3 | inositol monophosphatase domain containing 1 | 312952 | Rn_129949 | BF387878 | 5.78 | 7.25 | 7.34 | 6.99 | 6.84 | 7.16 | 1.15 | up | 1.75E-01 | 9.10E-01 | --- | --- | |
| 1383405_at | LOC653398 | similar to 145DRM (down-regulated in metastasis) interacting protein | 655398 | --- | BM0254703 | 4.23 | 4.37 | 4.33 | 4.80 | 4.28 | 4.46 | 1.15 | up | 2.68E-01 | 8.95E-01 | --- | --- | |
| 1395226_at | --- | --- | --- | --- | BF410339 | 2.52 | 2.34 | 2.78 | 2.35 | 2.35 | 2.33 | 1.15 | down | 1.91E-01 | 8.95E-01 | --- | --- | |
| 1395971_at | LOC361100 | similar to topoisomerase (DNA) II beta | 361100 | Rn_104685 | H15553 | 5.56 | 6.60 | 6.32 | 6.34 | 6.25 | 6.50 | 1.15 | up | 5.62E-01 | 8.95E-01 | --- | --- | |
| 1370587_at | Ctcf | chromatin insulator 1 | 25409 | Rn_10390 | D29290 | 3.81 | 3.34 | 3.25 | 3.35 | 3.15 | 3.34 | 1.15 | down | 3.58E-01 | 8.95E-01 | --- | --- | |
| 1383230_at | LOC360664 | --- | 360664 | Rn_15123 | B1282204 | 6.85 | 6.77 | 6.21 | 5.82 | 6.29 | 7.11 | 1.15 | down | 6.62E-01 | 8.98E-01 | --- | --- | |
| 1388485_at | Mhm2 | Mdm2 p53 binding protein homolog (mouse) | 314856 | Rn_91629 | BF548239 | 6.81 | 6.89 | 6.61 | 6.82 | 6.78 | 7.10 | 1.15 | up | 1.13E-01 | 8.95E-01 | --- | --- | |
| 1378653_at | --- | --- | --- | --- | Rn_18516 | BF028172 | 5.57 | 5.87 | 5.78 | 5.77 | 5.86 | 5.78 | 1.15 | down | 3.82E-01 | 8.95E-01 | --- | --- |
| 1369198_at | Apa1 | apoptotic peptidase activating factor 1 | 78963 | Rn_64522 | AF18388 | 4.50 | 2.80 | 2.67 | 2.89 | 2.82 | 2.67 | 1.15 | down | 7.73E-01 | 9.28E-01 | --- | --- | |
| 1389154_at | Tsrf3 | 200303-specific transcription antigen p3585 | 303291 | Rn_74460 | BF012922 | 6.25 | 6.61 | 6.25 | 6.12 | 6.26 | 6.33 | 1.15 | down | 6.85E-01 | 9.06E-01 | --- | --- | |
| 1390715_at | Igf2bp1 | insulin-like growth factor binding protein-1 | 363636 | Rn_32120 | BF396448 | 2.69 | 3.22 | 3.08 | 2.73 | 2.79 | 2.88 | 1.15 | down | 2.89E-01 | 8.95E-01 | --- | --- | |
| 1399639_at | LOC658953 | similar to DnaJ (Hsp40) homolog, subfamily B, member 10 isoform 2 | 689593 | Rn_40780 | BM383885 | 9.57 | 9.67 | 9.31 | 9.59 | 9.19 | 9.29 | 1.15 | down | 3.14E-01 | 8.95E-01 | --- | --- | |
| 1379745_at | Pnc3 | pancreatic homology 3 (Drosophila) | 319561 | Rn_63521 | BF012922 | 9.13 | 7.77 | 9.39 | 7.81 | 7.73 | 8.04 | 1.15 | down | 2.68E-01 | 8.95E-01 | --- | --- | |
| 1371752_at | Rangrf | RAN guanine nucleotide release factor | 287419 | Rn_52091 | A110088 | 5.39 | 6.06 | 6.41 | 6.45 | 5.54 | 6.47 | 1.15 | up | 6.63E-01 | 8.99E-01 | --- | --- | |
| 1378831_at | --- | --- | --- | --- | Rn_87751 | BF012922 | 2.38 | 2.68 | 2.38 | 2.34 | 2.71 | 1.15 | up | 1.35E-01 | 8.95E-01 | --- | --- | |
| 1373558_at | Tmem30A | transmembrane protein 30A | 300857 | Rn_161918 | AA090051 | 6.83 | 7.10 | 6.85 | 7.02 | 7.20 | 7.28 | 1.15 | up | 1.25E-01 | 8.95E-01 | --- | --- | |
| 1369998_at | Ar6 | ADP-ribosylation factor 6 | 79121 | Rn_6993 | NM_024152 | 7.46 | 6.89 | 7.57 | 7.21 | 7.23 | 6.87 | 1.15 | down | 4.48E-01 | 8.95E-01 | --- | --- | |
| 1381376_at | Tnfrsf2 | nerve growth factor-induced protein 2 | 290339 | Rn_34387 | AT020296 | 2.74 | 2.88 | 2.68 | 2.61 | 2.68 | 2.68 | 1.15 | down | 3.58E-01 | 8.95E-01 | --- | --- | |
| 1390305_at | Polv3n | polyomavirus (RNA) II (DNA directed) polypeptide II (22.9kD) | 300088 | Rn_13037 | BE097233 | 7.46 | 6.28 | 6.84 | 6.28 | 7.26 | 6.84 | 1.15 | down | 6.83E-01 | 9.03E-01 | --- | --- | |
| 1374413_at | Ubp3 | ubiquitin-like 3 | 363869 | Rn_12128 | BM386522 | 9.10 | 8.97 | 9.34 | 9.00 | 9.69 | 9.33 | 1.15 | up | 4.24E-01 | 8.95E-01 | --- | --- | |
| 1372026_at | RD0138019 | similar to hypothetical protein FL20245 | 211795 | Rn_14609 | BF409344 | 2.45 | 2.46 | 2.52 | 2.45 | 2.45 | 2.45 | 1.15 | down | 1.04E-01 | 8.95E-01 | --- | --- | |
| 1388881_at | Igf2bp3 | insulin-like growth factor binding protein 3 | 24484 | Rn_26399 | NM_012588 | 8.37 | 6.36 | 7.20 | 8.05 | 7.67 | 5.70 | 1.15 | down | 3.83E-01 | 8.94E-01 | --- | --- | |
| 1388939_at | RD0110475 | similar to ubiquitin specific protease 34 | 319561 | Rn_63521 | BF012922 | 9.13 | 7.77 | 9.39 | 7.81 | 7.73 | 8.04 | 1.15 | down | 2.68E-01 | 8.95E-01 | --- | --- | |
| 1390172_at | Dhxd11 | dehydrogenase E1 and transketolase domain containing 1 | 361272 | Rn_13539 | AA099446 | 5.91 | 5.98 | 9.29 | 9.46 | 9.74 | 9.79 | 1.15 | up | 2.17E-01 | 8.95E-01 | --- | --- | |
| 1370355_at | --- | --- | --- | --- | AA075474 | 3.95 | 4.68 | 3.96 | 3.94 | 3.97 | 5.28 | 1.15 | up | 7.55E-01 | 9.20E-01 | --- | --- | |
| 1369392_at | Tact1 | hydrolyase subunit 1 | 60445 | Rn_402037 | NM_021854 | 4.97 | 4.49 | 4.69 | 4.61 | 3.87 | 4.78 | 1.15 | down | 3.31E-01 | 8.95E-01 | --- | --- | |
| 1398108_at | Rpa3 | replication protein A3 | 298883 | Rn_94940 | BM383451 | 5.57 | 5.70 | 5.90 | 5.61 | 6.06 | 6.09 | 1.15 | up | 3.29E-01 | 8.95E-01 | --- | --- | |
| 1379139_at | --- | --- | --- | --- | Rn_260393 | BF396203 | 3.35 | 2.70 | 2.71 | 2.70 | 2.70 | 2.70 | 1.15 | down | 4.04E-01 | 8.95E-01 | --- | --- |
| 1390737_at | Ac | adenomatous polyposis coli | 24205 | Rn_89597 | NM_012499 | 5.95 | 3.61 | 4.09 | 5.13 | 3.00 | 4.40 | 1.15 | down | 8.38E-01 | 9.05E-01 | --- | --- | |
| 1398261_at | Tmem44 | transmembrane inner mitochondrial membrane 44 homolog (yeast) | 29635 | Rn_10801 | NM_017267 | 7.09 | 6.84 | 6.83 | 7.44 | 7.32 | 6.80 | 1.15 | up | 5.08E-01 | 8.95E-01 | --- | --- | |
| 1387621_at | Rab39 | RAB39A interacting protein (rad39) | 22885 | Rn_31889 | NM_017313 | 5.89 | 6.77 | 6.00 | 6.99 | 6.53 | 7.17 | 1.15 | up | 5.14E-01 | 8.95E-01 | --- | --- | |
| 1375363_at | --- | --- | --- | --- | BF374402 | 3.36 | 3.27 | 3.33 | 3.63 | 3.32 | 3.77 | 1.15 | down | 5.14E-01 | 8.95E-01 | --- | --- | |
| 1384180_at | Synpo2 | synaptotagmin 2 (Drosophila) | 469702 | Rn_205751 | AA578373 | 2.34 | 2.87 | 2.43 | 2.34 | 2.34 | 2.35 | 1.15 | down | 2.84E-01 | 8.95E-01 | --- | --- | |
| 1385472_at | Fam53a | family with sequence similarity 53, member A | 350561 | Rn_19744 | A0231133 | 7.57 | 7.62 | 7.14 | 7.44 | 8.20 | 7.29 | 1.15 | up | 5.69E-01 | 8.95E-01 | --- | --- | |
| 1388210_at | Lcp1 | lysosomal cytosolic protein 1 | 350571 | Rn_19744 | AA578373 | 6.73 | 6.89 | 6.73 | 6.89 | 6.80 | 7.15 | 1.15 | down | 3.98E-01 | 8.95E-01 | --- | --- | |
| 1387630_at | Ervsf6 | ERV1 family member 6, elongation of long chain fatty acids (yeast) | 117400 | Rn_212229 | NM_134382 | 4.74 | 5.01 | 4.16 | 4.62 | 4.52 | 4.56 | 1.15 | down | 2.80E-01 | 8.95E-01 | --- | --- | |
| 1370134_at | Slc33a3 | solute carrier family 33 (anion/CaCo transporter), member 1 | 64018 | Rn_95276 | NM_025272 | 7.05 | 7.57 | 7.06 | 7.04 | 7.41 | 7.83 | 1.15 | up | 5.21E-01 | 8.95E-01 | --- | --- | |
| 1380900_at | LOC609090 | similar to ubiquitin specific protease 34 | 319561 | Rn_63521 | BF012922 | 9.13 | 7.77 | 9.39 | 7.81 | 7.73 | 8.04 | 1.15 | down | 2.68E-01 | 8.95E-01 | --- | --- | |
| 1376885_at | Mrp50 | mitochondrial ribosomal protein L50 | 362517 | Rn_17187 | BF395602 | 8.49 | 8.29 | 8.49 | 8. | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/MSouse | Resonance | Unpaired t-test vs Ctl (log2) | Cis vs Ctl (log2) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-------------------------------|-------------------|-----|-----|
| | | | | | | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | SETP3 (Ct) | | | | | | |
| 139683_at | Nat15 | N-acetyltransferase 15 (GCN5-related, putative) | 363545 | BF1419574 | BF1419574 | 2.57 | 2.57 | 2.58 | 2.58 | 2.59 | 3.14 | 1.15 | up | 3.50E-01 | 8.95E-01 | - | - | | | | |
| 139473_at | Shpk | leishmanolipase kinase | 287479 | Rn.19663 | BF419310 | 5.31 | 4.91 | 4.83 | 5.20 | 5.01 | 5.43 | 1.15 | up | 3.60E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Pfgr | phosphatidylinositol phosphatase, receptor type, G | 6187083 | Rn.17157 | BF107037 | 6.02 | 6.07 | 6.07 | 6.05 | 6.28 | 6.15 | 1.15 | down | 5.00E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Nia | nucleolar factor IA | 25482 | Rn.105955 | DF7017 | 7.91 | 7.09 | 7.54 | 7.32 | 7.08 | 7.55 | 1.15 | down | 5.00E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Adcm4a1 | 1396978-like 4 | 210875 | Rn.105955 | DF7017 | 2.59 | 2.69 | 2.69 | 2.59 | 2.69 | 3.00 | 1.15 | down | 1.70E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Pfprd | protein tyrosine phosphatase, receptor type, D | 313278 | Rn.99077 | AA128033 | 6.59 | 6.18 | 7.38 | 6.60 | 6.66 | 7.18 | 1.15 | up | 6.34E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Shp | hem-loop binding protein | 6187083 | Rn.15487 | BF110524 | 4.43 | 2.43 | 2.43 | 2.43 | 2.05 | 2.42 | 1.15 | up | 3.98E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Rubc3 | ribulose-1,5-bisphosphate carboxylase oxygenase 3 (Drosophila) | 315564 | Rn.42295 | AF705055 | 2.38 | 2.28 | 2.39 | 2.99 | 2.99 | 2.36 | 1.15 | up | 3.98E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Gabg3 | GABA binding protein, beta 3 // GABA binding protein transcription factor, beta3/738 // 499883 | 6187083 | Rn.61149 | BF408529 | 3.07 | 2.49 | 2.50 | 2.44 | 2.56 | 2.47 | 1.15 | down | 3.70E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | LOC58801 | Similar to MIR-interacting spaxin-like protein precursor (Transmembrane protein in bud initiation factor complex (zebrafish)) | 685001 | Rn.147475 | BF558816 | 6.89 | 8.42 | 7.53 | 7.68 | 6.79 | 7.78 | 1.15 | down | 7.37E-01 | 9.16E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MYND domain containing 11 | 409656 | Rn.43451 | BQ251707 | 2.91 | 2.34 | 2.37 | 2.35 | 2.35 | 2.33 | 1.15 | down | 3.45E-01 | 8.95E-01 | - | - | | | | |
| 1396978_at | Znf111 | zinc finger, MY | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MScore | Residual | Unpaired t-test vs Cilia (log2) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-----------------------|------------|------------|------------|------------|------------|-----------|----------|---------------------------------|----------|-----|
| | | | | | | SEFP (CpG) | SEFP (CpA) | SEFP (CpT) | SEFP (CpG) | SEFP (CpA) | SEFP (CpT) | | | | | |
| 137465_at | NeK6 | NIMA (never in mitosis gene a)-related kinase 6 | 360161 | Rn.18744 | BF223265 | 6.27 | 6.75 | 6.51 | 6.50 | 6.56 | 7.02 | 1.14 | down | 6.38E-01 | 9.55E-01 | |
| 138464_at | ROD156668 | similar to Solute carrier family 4 (neurotransmitter transporter), member 20 | 301080 | Rn.161981 | B028191 | 7.46 | 8.19 | 7.77 | 8.28 | 7.62 | 7.87 | 1.14 | up | 5.06E-01 | 9.55E-01 | |
| 138912_at | ANKK4 | ankyrin repeat domain 4 | 613099 | Rn.622591 | B1222591 | 3.87 | 4.25 | 3.87 | 4.25 | 3.87 | 4.25 | 1.14 | down | 6.88E-01 | 9.04E-01 | |
| 139014_at | 139014 | ANKK4 | 613099 | Rn.17687 | AK008914 | 5.37 | 5.44 | 4.99 | 5.44 | 4.93 | 4.98 | 1.14 | down | 6.88E-01 | 9.04E-01 | |
| 139144_at | 139144 | ANKK4 | 613099 | Rn.131725 | B121725 | 3.13 | 3.41 | 3.13 | 3.41 | 3.13 | 3.41 | 1.14 | down | 7.11E-01 | 9.10E-01 | |
| 139376_at | 139376 | ANKK4 | 613099 | Rn.51134 | AW197643 | 5.30 | 4.53 | 4.64 | 4.98 | 4.74 | 5.33 | 1.14 | down | 5.62E-01 | 9.55E-01 | |
| 139445_at | 139445 | ANKK4 | 613099 | Rn.212295 | B122295 | 2.45 | 2.49 | 3.62 | 3.62 | 2.49 | 2.45 | 1.14 | down | 3.94E-01 | 9.55E-01 | |
| 139716_at | Fam52a1 | family with sequence similarity 92, member A1 | 297903 | Rn.92091 | B11424 | 5.42 | 5.48 | 5.99 | 5.42 | 5.06 | 5.85 | 1.14 | down | 2.57E-01 | 9.55E-01 | |
| 139823_at | Pas2 | poly(A) binding protein interacting protein 2 | 301073 | Rn.16073 | AK019181 | 8.62 | 8.85 | 8.78 | 8.61 | 8.58 | 8.76 | 1.14 | up | 2.26E-01 | 9.55E-01 | |
| 139929_at | Mlx | MAX-like protein 2 | 360631 | Rn.15914 | B127033 | 4.97 | 5.63 | 6.51 | 5.58 | 5.81 | 6.27 | 1.14 | up | 7.28E-01 | 9.12E-01 | |
| 139980_at | Apom | apolipoprotein M | 59539 | Rn.262 | NM_019373 | 9.08 | 9.40 | 8.93 | 8.89 | 9.06 | 8.90 | 1.14 | down | 2.86E-01 | 9.55E-01 | |
| 139982_at | Fap9 | proteoglycan and adipoQ receptor family member V1 | 691021 | Rn.204669 | AT45890 | 3.41 | 3.48 | 3.49 | 4.02 | 4.05 | 2.67 | 1.14 | up | 7.28E-01 | 9.12E-01 | |
| 139991_at | Ep4.111 | erythrocyte protein band 4.1 like 1 | 59317 | Rn.20361 | AB019258 | 1.19 | 6.05 | 4.77 | 5.94 | 6.58 | 5.94 | 1.14 | down | 6.85E-01 | 9.58E-01 | |
| 139994_at | Ab2b | ATP-binding cassette, sub-family B (MDR/TAP), member 8 | 362302 | Rn.79339 | BM389756 | 2.45 | 2.44 | 3.00 | 2.45 | 2.45 | 2.44 | 1.14 | down | 3.75E-01 | 9.55E-01 | |
| 139997_at | 139997 | Ab2b | 362302 | Rn.101929 | B120949 | 4.67 | 4.39 | 5.29 | 5.06 | 5.07 | 4.97 | 1.14 | down | 7.47E-01 | 9.18E-01 | |
| 139998_at | Rab11a | Rab11a, member RAS oncogene family | 81830 | Rn.10116 | NM_031152 | 9.16 | 9.40 | 9.31 | 8.87 | 9.29 | 9.16 | 1.14 | down | 2.60E-01 | 9.55E-01 | |
| 139999_at | 139999 | Rab11a | 81830 | Rn.29775 | B117325 | 2.91 | 3.27 | 2.95 | 2.75 | 2.92 | 2.90 | 1.14 | up | 6.85E-01 | 9.03E-01 | |
| 140000_at | 140000 | Rab11a | 81830 | Rn.27522 | AA08960 | 3.64 | 4.23 | 3.64 | 3.65 | 3.78 | 4.68 | 1.14 | up | 6.85E-01 | 9.03E-01 | |
| 140001_at | 140001 | Rab11a | 81830 | Rn.203720 | BM383152 | 4.22 | 4.05 | 4.19 | 4.00 | 3.98 | 3.91 | 1.14 | down | 4.91E-02 | 9.55E-01 | |
| 140002_at | 140002 | Rab11a | 81830 | Rn.195911 | B119754 | 3.15 | 3.85 | 3.40 | 4.20 | 3.39 | 3.89 | 1.14 | up | 6.15E-01 | 9.55E-01 | |
| 140003_at | 140003 | Rab11a | 81830 | Rn.11295 | M84000 | 9.79 | 9.22 | 7.77 | 8.75 | 8.67 | 8.81 | 1.14 | down | 7.74E-01 | 9.26E-01 | |
| 140004_at | 140004 | Rab11a | 81830 | Rn.24799 | B120980 | 3.06 | 3.24 | 3.71 | 3.45 | 3.25 | 2.75 | 1.14 | down | 5.51E-01 | 9.55E-01 | |
| 140005_at | 140005 | Rab11a | 81830 | Rn.102503 | B120949 | 2.84 | 2.97 | 2.95 | 2.75 | 2.92 | 2.90 | 1.14 | down | 2.84E-01 | 9.55E-01 | |
| 140006_at | 140006 | Rab11a | 81830 | Rn.14826 | AA12518 | 5.00 | 5.20 | 5.44 | 5.23 | 5.48 | 5.49 | 1.14 | up | 2.96E-01 | 9.55E-01 | |
| 140007_at | 140007 | Rab11a | 81830 | Rn.40326 | B120925 | 4.42 | 4.80 | 5.34 | 4.89 | 4.66 | 4.64 | 1.14 | down | 5.63E-01 | 9.55E-01 | |
| 140008_at | 140008 | Rab11a | 81830 | Rn.165192 | B128558 | 7.51 | 7.52 | 7.42 | 7.06 | 7.22 | 7.62 | 1.14 | down | 3.33E-01 | 9.55E-01 | |
| 140009_at | 140009 | Rab11a | 81830 | Rn.162973 | AV078385 | 4.85 | 4.63 | 5.04 | 4.74 | 4.77 | 4.76 | 1.14 | up | 6.24E-01 | 9.55E-01 | |
| 140010_at | 140010 | Rab11a | 81830 | Rn.34442 | AF582621 | 4.67 | 4.39 | 5.29 | 5.06 | 5.07 | 4.96 | 1.14 | down | 7.37E-01 | 9.18E-01 | |
| 140011_at | 140011 | Rab11a | 81830 | Rn.163223 | B128000 | 7.17 | 6.21 | 7.38 | 6.67 | 6.59 | 6.95 | 1.14 | down | 6.48E-01 | 9.56E-01 | |
| 140012_at | 140012 | Rab11a | 81830 | Rn.21134 | H111974 | 8.49 | 8.42 | 8.86 | 8.50 | 8.44 | 8.27 | 1.14 | down | 2.83E-01 | 9.55E-01 | |
| 140013_at | 140013 | Rab11a | 81830 | Rn.28910 | NM_028910 | 2.44 | 3.09 | 2.40 | 3.03 | 2.40 | 2.41 | 1.14 | down | 4.42E-01 | 9.55E-01 | |
| 140014_at | 140014 | Rab11a | 81830 | Rn.9699 | NM_134375 | 8.12 | 8.52 | 7.56 | 8.15 | 7.88 | 8.92 | 1.14 | up | 7.06E-01 | 9.08E-01 | |
| 140015_at | 140015 | Rab11a | 81830 | Rn.19799 | B120925 | 2.63 | 2.50 | 2.63 | 2.50 | 2.63 | 2.50 | 1.14 | down | 6.85E-01 | 9.55E-01 | |
| 140016_at | 140016 | Rab11a | 81830 | Rn.54443 | NM_030989 | 5.14 | 6.02 | 7.06 | 5.44 | 6.22 | 6.00 | 1.14 | down | 7.75E-01 | 9.27E-01 | |
| 140017_at | Ptfr3 | thrombospondin type 1 repeat domain 3 | 296653 | Rn.48448 | B1349704 | 5.04 | 4.91 | 5.22 | 5.52 | 5.30 | 5.39 | 1.14 | up | 5.66E-01 | 9.55E-01 | |
| 140018_at | 140018 | Ptfr3 | 296653 | Rn.623241 | B1114475 | 6.19 | 6.19 | 5.11 | 4.39 | 5.19 | 5.11 | 1.14 | down | 4.81E-01 | 9.55E-01 | |
| 140019_at | 140019 | Ptfr3 | 296653 | Rn.168447 | AA943768 | 2.67 | 2.67 | 2.55 | 2.55 | 2.68 | 3.23 | 1.14 | up | 4.31E-01 | 9.55E-01 | |
| 140020_at | 140020 | Ptfr3 | 296653 | Rn.68565 | AA052548 | 4.88 | 5.46 | 4.88 | 4.88 | 5.46 | 4.88 | 1.14 | down | 3.38E-01 | 9.55E-01 | |
| 140021_at | 140021 | Ptfr3 | 296653 | Rn.55043 | AB001800 | 8.29 | 8.52 | 8.87 | 8.48 | 8.53 | 8.12 | 1.14 | down | 4.33E-01 | 9.55E-01 | |
| 140022_at | 140022 | Ptfr3 | 296653 | Rn.34912 | BF283314 | 7.18 | 6.06 | 5.64 | 6.11 | 6.11 | 6.10 | 1.14 | down | 7.09E-01 | 9.09E-01 | |
| 140023_at | 140023 | Ptfr3 | 296653 | Rn.3401 | BM34924 | 8.94 | 9.09 | 8.52 | 8.89 | 8.68 | 9.54 | 1.14 | up | 7.02E-01 | 9.55E-01 | |
| 140024_at | 140024 | Ptfr3 | 296653 | Rn.7217 | B1337473 | 6.26 | 6.99 | 6.87 | 6.85 | 6.44 | 7.38 | 1.14 | up | 6.25E-01 | 9.55E-01 | |
| 140025_at | 140025 | Ptfr3 | 296653 | Rn.189127 | H111527 | 6.55 | 6.54 | 6.44 | 6.54 | 6.54 | 6.44 | 1.14 | down | 4.07E-01 | 9.55E-01 | |
| 140026_at | 140026 | Ptfr3 | 296653 | Rn.79983 | B120920 | 6.23 | 6.27 | 3.38 | 2.97 | 2.74 | 2.47 | 1.14 | down | 5.41E-01 | 9.55E-01 | |
| 140027_at | 140027 | Ptfr3 | 296653 | Rn.65843 | AA052548 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 1.14 | down | 6.85E-01 | 9.55E-01 | |
| 140028_at | 140028 | Ptfr3 | 296653 | Rn.301430 | BF28111 | 5.43 | 5.53 | 5.95 | 6.18 | 5.37 | 5.91 | 1.14 | up | 5.54E-01 | 9.55E-01 | |
| 140029_at | 140029 | Ptfr3 | 296653 | Rn.34905 | AT332412 | 7.82 | 7.20 | 8.23 | 7.31 | 7.65 | 7.73 | 1.14 | down | 6.03E-01 | 9.55E-01 | |
| 140030_at | 140030 | Ptfr3 | 296653 | Rn.74475 | B120900 | 3.22 | 3.50 | 3.25 | 3.14 | 3.67 | 3.13 | 1.14 | down | 4.32E-01 | 9.55E-01 | |
| 140031_at | 140031 | Ptfr3 | 296653 | Rn.54384 | AT07880 | 6.48 | 6.63 | 6.59 | 6.67 | 7.16 | 6.42 | 1.14 | up | 4.52E-01 | 9.55E-01 | |
| 140032_at | 140032 | Ptfr3 | 296653 | Rn.68627 | AA052548 | 4.88 | 5.46 | 4.88 | 4.88 | 5.46 | 4.88 | 1.14 | down | 3.38E-01 | 9.55E-01 | |
| 140033_at | 140033 | Ptfr3 | 296653 | Rn.40130 | AJ271912 | 4.16 | 4.15 | 4.53 | 4.12 | 4.13 | 4.04 | 1.14 | down | 2.25E-01 | 9.55E-01 | |
| 140034_at | 140034 | Ptfr3 | 296653 | Rn.20241 | B120928 | 6.59 | 6.44 | 6.23 | 6.42 | 5.49 | 6.80 | 1.14 | down | 6.70E-01 | 9.00E-01 | |
| 140035_at | 140035 | Ptfr3 | 296653 | Rn.14822 | AW194545 | 2.38 | 2.37 | 2.42 | 2.38 | 2.37 | 2.42 | 1.14 | down | 3.38E-01 | 9.55E-01 | |
| 140036_at | 140036 | Ptfr3 | 296653 | Rn.210133 | B1337818 | 3.07 | 2.52 | 2.59 | 2.56 | 2.58 | 2.49 | 1.14 | down | 3.54E-01 | 9.55E-01 | |
| 140037_at | 140037 | Ptfr3 | 296653 | Rn.96907 | BF58007 | 6.82 | 5.87 | 4.88 | 6.15 | 5.83 | 5.85 | 1.14 | up | 7.94E-01 | 9.34E-01 | |
| 140038_at | 140038 | Ptfr3 | 296653 | Rn.189228 | BF58007 | 3.85 | 3.75 | 3.86 | 4.04 | 3.84 | 3.75 | 1.14 | down | 3.85E-01 | 9.55E-01 | |
| 140039_at | 140039 | Ptfr3 | 296653 | Rn.37383 | NM_017277 | 5.17 | 5.16 | 4.83 | 5.89 | 4.84 | 4.88 | 1.14 | up | 6.25E-01 | 9.55E-01 | |
| 140040_at | 140040 | Ptfr3 | 296653 | Rn.173294 | B1137294 | 6.13 | 6.62 | 6.17 | 6.37 | 6.35 | 6.47 | 1.14 | down | 4.80E-01 | 9.55E-01 | |
| 140041_at | 140041 | Ptfr3 | 296653 | Rn.147945 | AA997877 | 2.80 | 2.76 | 2.74 | 2.76 | 3.35 | 2.85 | 1.14 | up | 6.31E-01 | 9.55E-01 | |
| 140042_at | 140042 | Ptfr3 | 296653 | Rn.12940 | L18468 | 6.07 | 6.17 | 6.32 | 6.39 | 6.85 | 6.83 | 1.14 | up | 3.86E-01 | 9.55E-01 | |
| 140043_at | 140043 | Ptfr3 | 296653 | Rn.101798 | AA10788 | 6.13 | 6.26 | 6.74 | 2.76 | 3.38 | 3.85 | 1.14 | up | 3.86E-01 | 9.55E-01 | |
| 140044_at | 140044 | Ptfr3 | 296653 | Rn.147945 | AA997877 | 2.80 | 2.76 | 2.74 | 2.76 | 3.35 | 2.85 | 1.14 | up | 3.86E-01 | 9.55E-01 | |
| 140045_at | 140045 | Ptfr3 | 296653 | Rn.12940 | L18468 | 6.07 | 6.17 | 6.32 | 6.39 | 6.85 | 6.83 | 1.14 | up | 3.86E-01 | 9.55E-01 | |
| 140046_at | 140046 | Ptfr3 | 296653 | Rn.101798 | AA10788 | 6.13 | 6.26 | 6.74 | 2.76 | 3.38 | 3.85 | 1.14 | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensity (log2) | | | | | | | | | | FC/MS/ouse | Resonance | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|--------------|-----------------|---|----------|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|----------------------------------|-----|-----|
| | | | | | SEPS (C1) | SEPS (C2) | SEPS (C3) | SEPS (C4) | SEPS (C5) | SEPS (C6) | SEPS (C7) | SEPS (C8) | SEPS (C9) | SEPS (C10) | | | | | |
| 137116_at | Xoo7 | exportin 7 | 361070 | Rn.219364 | BM031834 | 6.74 | 7.74 | 6.19 | 7.31 | 7.10 | 7.73 | 7.13 | down | 1.19E-01 | 9.11E-01 | - | - | | |
| 1386400_at | Timm88 | translocase of inner mitochondrial membrane 8 homolog 1 (yeast) | 84383 | Rn.162320 | NM_033770 | 6.00 | 5.64 | 6.22 | 6.24 | 5.52 | 5.57 | 6.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1381002_at | Mut1 | mutL1 | 54262 | Rn.151169 | AF052076 | 3.17 | 2.41 | 2.42 | 2.63 | 2.42 | 2.41 | 3.13 | down | 5.32E-01 | 8.95E-01 | - | - | | |
| 1378823_at | --- | --- | --- | --- | AA875227 | 8.46 | 8.71 | 8.69 | 8.84 | 8.88 | 8.87 | 1.13 | up | 1.46E-01 | 8.95E-01 | - | - | | |
| 1378822_at | --- | --- | --- | --- | AF052077 | 2.57 | 2.87 | 2.85 | 2.85 | 2.87 | 2.87 | 1.13 | down | 2.23E-01 | 8.95E-01 | - | - | | |
| 1398282_at | Pispa2 | phosphatidylylcholine synthase 2 | 24689 | Rn.113200 | NM_012634 | 2.49 | 3.06 | 2.53 | 2.49 | 2.54 | 2.51 | 1.13 | down | 3.82E-01 | 8.95E-01 | - | - | | |
| 1396469_at | --- | --- | --- | --- | AB02701 | 2.39 | 2.34 | 2.42 | 2.95 | 2.39 | 2.36 | 1.13 | up | 4.00E-01 | 8.95E-01 | - | - | | |
| 1376641_at | act5 // RGD1560 | actin related protein 2/3 complex subunit 5-like // similar to actin related protein 2/3 complex subunit 5-like | 297711 | 501132 | U011762 | 8.99 | 9.48 | 8.92 | 8.99 | 9.48 | 8.92 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1387489_at | En3 | exonuclease (multiple) 3 | 58919 | Rn.48871 | NM_020097 | 3.07 | 3.22 | 3.25 | 3.23 | 3.37 | 3.49 | 1.13 | up | 1.26E-01 | 8.95E-01 | - | - | | |
| 1392625_2_at | Pleat1 | prostaglandin H receptor 1 (subtype EP1) | Rn.11423 | --- | U011762 | 3.10 | 2.71 | 2.57 | 3.23 | 3.05 | 2.75 | 1.13 | down | 3.48E-01 | 8.95E-01 | - | - | | |
| 1398906_at | LOC287274 | --- | 287274 | --- | BM031534 | 8.50 | 8.23 | 8.03 | 7.73 | 7.95 | 8.53 | 1.13 | down | 4.68E-01 | 8.95E-01 | - | - | | |
| 1373115_at | Codc115 | coiled-coil domain containing 115 | 383213 | Rn.17453 | BI281909 | 5.14 | 5.55 | 5.06 | 4.94 | 5.69 | 5.67 | 1.13 | up | 6.69E-01 | 8.95E-01 | - | - | | |
| 1380392_at | --- | --- | --- | --- | BI275654 | 3.14 | 2.53 | 2.58 | 2.54 | 2.46 | 2.73 | 1.13 | down | 4.41E-01 | 8.95E-01 | - | - | | |
| 1377851_at | --- | --- | --- | --- | Rn.21406 | AI577848 | 6.42 | 6.19 | 5.82 | 6.22 | 5.69 | 5.99 | 1.13 | down | 4.88E-01 | 8.95E-01 | - | - | |
| 1381757_at | RGD1309091 | hypothetical LOC305552 | 305552 | Rn.6266 | AA950508 | 5.23 | 6.08 | 4.39 | 5.10 | 5.32 | 5.83 | 1.13 | up | 7.53E-01 | 9.20E-01 | - | - | | |
| 1386028_at | --- | --- | --- | --- | Rn.147844 | BF382816 | 3.22 | 3.61 | 3.09 | 3.04 | 3.05 | 3.26 | 1.13 | down | 3.71E-01 | 8.95E-01 | - | - | |
| 1387007_at | --- | phalloidin-gamma1 2-cyanoethyl 5-dioxygenase 1 | Rn.14445 | NM_033827 | 3.01 | 3.59 | 3.57 | 3.60 | 3.17 | 3.94 | 3.34 | 1.13 | up | 5.74E-01 | 8.95E-01 | - | - | | |
| 1386376_at | RGD1309170 | similar to RIKEN cDNA 0810303D11 | 293700 | Rn.2190 | AJ254846 | 6.28 | 9.49 | 8.78 | 9.50 | 9.92 | 9.67 | 1.13 | up | 3.89E-01 | 8.95E-01 | - | - | | |
| 1376406_at | --- | --- | --- | --- | Rn.169543 | BI030322 | 2.44 | 2.43 | 2.44 | 2.98 | 2.44 | 2.43 | 1.13 | up | 3.76E-01 | 8.95E-01 | - | - | |
| 1382115_at | --- | hecton family member 3 | Rn.39486 | --- | BI0309174 | 4.60 | 4.69 | 4.65 | 5.14 | 4.48 | 4.67 | 1.13 | down | 8.05E-01 | 8.95E-01 | - | - | | |
| 1387252_at | Adam1 | disintegrin and metalloproteinase domain 1a | Rn.42919 | NM_020078 | 3.94 | 3.53 | 3.54 | 4.05 | 3.37 | 3.05 | 3.13 | down | 6.09E-01 | 8.95E-01 | - | - | | | |
| 1374572_at | Gab3 | GATS protein-like 3 | 309689 | Rn.15378 | BI042229 | 5.22 | 4.78 | 5.07 | 5.66 | 4.68 | 4.19 | 1.13 | down | 7.11E-01 | 9.10E-01 | - | - | | |
| 1386852_2_at | Uba | ubiquitin-like 2 | 192225 | Rn.12923 | DI1564 | 12.37 | 12.59 | 12.66 | 12.36 | 12.92 | 12.66 | 1.13 | down | 1.73E-01 | 8.95E-01 | - | - | | |
| 1391728_at | --- | --- | --- | --- | BE109438 | 5.37 | 5.58 | 4.18 | 4.68 | 4.88 | 5.23 | 1.13 | down | 7.25E-01 | 9.13E-01 | - | - | | |
| 1380311_at | Pyruv2 | pyridine nucleotide-disulphide oxidoreductase domain 2 | 305281 | Rn.10245 | BF404285 | 5.91 | 6.26 | 6.03 | 5.88 | 5.82 | 5.88 | 1.13 | down | 1.58E-01 | 8.95E-01 | - | - | | |
| 1397525_at | --- | --- | --- | --- | Rn.8697 | AA848370 | 7.38 | 7.79 | 8.31 | 7.52 | 8.13 | 8.38 | 1.13 | up | 6.55E-01 | 8.97E-01 | - | - | |
| 1378755_at | --- | --- | --- | --- | Rn.209448 | BF404457 | 2.41 | 2.40 | 2.41 | 2.95 | 2.41 | 2.40 | 1.13 | up | 3.78E-01 | 8.95E-01 | - | - | |
| 1376434_at | Fbl1 | Coagulation factor VIII-associated (intronic transcrit) 1 | 501661 | Rn.41311 | AJ758487 | 3.94 | 3.35 | 3.36 | 3.49 | 3.39 | 3.23 | 1.13 | down | 4.42E-01 | 8.95E-01 | - | - | | |
| 1367669_3_at | Map11c3b | microtubule-associated protein 1 light chain 3 beta | 64862 | Rn.4142 | AJ231910 | 8.46 | 8.62 | 8.10 | 8.65 | 8.33 | 8.74 | 1.13 | up | 4.21E-01 | 8.95E-01 | - | - | | |
| 1382610_at | --- | --- | --- | --- | Rn.16509 | AA957105 | 9.02 | 8.43 | 8.88 | 8.25 | 8.26 | 9.08 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | |
| 1374077_at | Tsp4 | transforming growth factor beta regulator 4 | 360977 | Rn.16200 | AA957105 | 7.56 | 6.29 | 6.38 | 6.85 | 6.99 | 6.73 | 1.13 | down | 6.83E-01 | 8.95E-01 | - | - | | |
| 1372828_at | Ap41 | adaptor-related protein complex AP-4, sigma 1 | 366818 | Rn.8230 | AA957105 | 9.04 | 9.56 | 9.70 | 9.57 | 9.37 | 8.94 | 1.13 | up | 5.33E-01 | 8.95E-01 | - | - | | |
| 1372829_at | Znfx3 | Zn finger, AN1-type domain 3 | 366818 | Rn.13639 | AA957105 | 5.48 | 5.39 | 5.49 | 5.49 | 5.39 | 5.49 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1372900_at | Pif2 | phosphatidylinositol glycan anchor biosynthesis, class T | 296380 | Rn.40488 | BI274156 | 6.23 | 7.07 | 6.25 | 6.56 | 6.62 | 6.71 | 1.13 | up | 5.67E-01 | 8.95E-01 | - | - | | |
| 1389354_at | Nof2 | Neod4 family interacting protein 2 | 361089 | Rn.10270 | BF407679 | 7.02 | 6.82 | 7.49 | 6.98 | 6.78 | 7.05 | 1.13 | down | 4.51E-01 | 8.95E-01 | - | - | | |
| 1387903_at | Hesx2 | homeobox (classifying) 2 | 192249 | Rn.10241 | BI030322 | 6.25 | 6.76 | 6.25 | 6.25 | 6.76 | 6.25 | 1.13 | down | 4.02E-01 | 8.95E-01 | - | - | | |
| 1378954_at | --- | --- | --- | --- | Rn.212687 | AJ711116 | 7.07 | 6.52 | 6.43 | 4.75 | 7.36 | 6.37 | 1.13 | down | 6.52E-01 | 9.54E-01 | - | - | |
| 1373744_at | Ansd1 | anaphase promoting complex subunit 1 | Rn.3142 | --- | U011762 | 3.18 | 3.11 | 3.11 | 3.18 | 3.18 | 3.18 | 1.13 | down | 5.98E-01 | 8.95E-01 | - | - | | |
| 136315_3_at | Hect1 | HECT domain containing 1 | 362736 | Rn.36797 | AJ059295 | 10.04 | 10.24 | 10.42 | 10.15 | 10.63 | 10.44 | 1.13 | up | 3.72E-01 | 8.95E-01 | - | - | | |
| 1372271_at | Dad1 | DEAD (Asp-Glu-Asp) box polypeptide 41 | 314336 | Rn.114971 | BM038910 | 5.83 | 5.47 | 5.31 | 5.49 | 5.56 | 6.10 | 1.13 | up | 5.11E-01 | 8.95E-01 | - | - | | |
| 1380445_at | Mit10 | mitochondrial cytochrome b (thorax homolog, Drosophila); | 381282 | Rn.37829 | BF389674 | 5.95 | 5.11 | 5.29 | 5.35 | 5.11 | 5.71 | 1.13 | down | 5.29E-01 | 8.95E-01 | - | - | | |
| 1393027_at | --- | --- | --- | --- | Rn.48920 | BE113061 | 3.34 | 3.02 | 3.29 | 3.01 | 3.11 | 3.00 | 1.13 | down | 1.63E-01 | 8.95E-01 | - | - | |
| 1369614_at | Patat1b2 | platelet activating factor acetylhydrolase, isoform tb, subunit 2 | 64189 | Rn.24751 | BM032366 | 5.23 | 5.44 | 5.49 | 5.40 | 5.62 | 5.68 | 1.13 | up | 2.00E-01 | 8.95E-01 | - | - | | |
| 1387006_at | Rab10 | RAB10, member of RAS oncogene family | 301142 | Rn.105971 | NM_034500 | 8.01 | 10.92 | 10.17 | 10.92 | 10.17 | 10.92 | 1.13 | down | 3.96E-01 | 8.95E-01 | - | - | | |
| 1381494_at | Capz2 | Capping protein (actin filament) muscle Z-form, beta | 298554 | Rn.105999 | AA964419 | 2.44 | 2.42 | 2.45 | 2.99 | 2.45 | 2.41 | 1.13 | up | 3.90E-01 | 8.95E-01 | - | - | | |
| 1387648_at | Lig4b | ligase 4, beta | 298554 | Rn.105999 | AA964419 | 2.44 | 2.42 | 2.45 | 2.99 | 2.45 | 2.41 | 1.13 | up | 3.90E-01 | 8.95E-01 | - | - | | |
| 1395644_at | RGD1311514 | similar to hypothetical protein FLJ12242 | 300317 | Rn.198231 | NJ117163 | 2.71 | 2.64 | 3.87 | 3.18 | 2.65 | 2.85 | 1.13 | down | 6.98E-01 | 9.07E-01 | - | - | | |
| 1371720_at | Mp20 | mitochondrial ribosomal protein L20 | 600747 | Rn.2913 | AI598399 | 7.40 | 7.50 | 8.51 | 7.54 | 8.62 | 7.79 | 1.13 | up | 7.31E-01 | 9.14E-01 | - | - | | |
| 1370629_at | Fnb | fibronectin type-III box, beta | 301142 | Rn.4873 | AI598399 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1397795_at | --- | --- | --- | --- | Rn.168731 | BI26243 | 3.55 | 4.72 | 3.85 | 3.55 | 3.40 | 4.62 | 1.13 | down | 7.48E-01 | 9.19E-01 | - | - | |
| 1388419_at | Cdk5rap2 | CDK5 regulatory subunit associated protein 2 | 286919 | Rn.13247 | AA915000 | 3.52 | 3.57 | 3.89 | 3.52 | 3.59 | 3.89 | 1.13 | down | 6.66E-01 | 9.03E-01 | - | - | | |
| 1374511_at | --- | --- | --- | --- | Rn.17288 | BI21154 | 2.29 | 2.39 | 2.39 | 2.86 | 2.39 | 2.53 | 1.13 | up | 1.15E-01 | 8.95E-01 | - | - | |
| 1393610_at | Fam7a | family with sequence similarity 7, member A | 362618 | Rn.27338 | AI131773 | 2.32 | 2.33 | 2.33 | 2.86 | 2.34 | 2.32 | 1.13 | up | 3.68E-01 | 8.95E-01 | - | - | | |
| 1376944_at | Puc3 | polycomb target 3 | 298028 | Rn.30299 | BI026206 | 3.29 | 3.17 | 3.12 | 3.12 | 3.16 | 3.12 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1393654_at | Nei1 | non endonuclease VII-like 1 (E. coli) | 307090 | Rn.154781 | BM038910 | 3.12 | 3.20 | 3.24 | 3.69 | 3.20 | 3.19 | 1.13 | up | 3.53E-01 | 8.95E-01 | - | - | | |
| 1387857_at | Hmnpk | heterogeneous nuclear ribonucleoprotein K | 117282 | Rn.19358 | NM_027141 | 9.28 | 9.30 | 9.08 | 9.14 | 9.33 | 9.61 | 1.13 | up | 3.55E-01 | 8.95E-01 | - | - | | |
| 1390995_at | Sum1 | SMN1, suppressor of mutant 1 (3 homolog 1 (S. cerevisiae)) | 301442 | Rn.8719 | AI037319 | 8.02 | 7.97 | 8.08 | 8.08 | 8.08 | 8.08 | 1.13 | down | 6.03E-01 | 8.95E-01 | - | - | | |
| 1379550_at | Hmnp1 | heterogeneous nuclear ribonucleoprotein K | 360534 | Rn.19358 | BI028018 | 5.90 | 5.81 | 6.13 | 5.85 | 5.70 | 5.76 | 1.13 | down | 1.68E-01 | 8.95E-01 | - | - | | |
| 1372455_at | Ap1 | apoptosis 1 | 360532 | Rn.220708 | BE112941 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 4.79 | 1.13 | up | 5.77E-01 | 8.95E-01 | - | - | | |
| 1379559_at | Bmp2 | BMP-2 inducible kinase | 498333 | Rn.103861 | BF234068 | 2.91 | 2.93 | 3.53 | 2.94 | 2.91 | 2.99 | 1.13 | up | 4.31E-01 | 8.95E-01 | - | - | | |
| 1386988_at | Adnp | activity-dependent neuroprotector homeobox | 64622 | Rn.48777 | AB002029 | 9.64 | 9.66 | 8.89 | 9.68 | 9.31 | 9.34 | 1.13 | up | 6.04E-01 | 8.95E-01 | - | - | | |
| 1384474_at | --- | --- | --- | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEFP (Cis) | SEFP (Tss) | SEFP (5'UTR) | SEFP (3'UTR) | SEFP (Cis) | SEFP (Tss) | SEFP (5'UTR) | SEFP (3'UTR) | FCM/box | Resonance | Unpaired | Dist Cis vs. Dist (logP) | REG | MTC |
|--------------|-------------|---|---------|------------|-----------|------------|------------|--------------|--------------|------------|------------|--------------|--------------|----------|-----------|----------|--------------------------|-----|-----|
| 138767_at | Poeb9 | programmed cell death 6 | 300601 | Rn.104071 | BI296393 | 7.13 | 7.47 | 6.87 | 7.53 | 7.63 | 7.17 | 7.53 | 7.63 | 1.12 | down | 6.53E-01 | 8.97E-01 | | |
| 1374609_at | --- | --- | --- | --- | BG372598 | 6.25 | 5.96 | 6.78 | 5.89 | 6.07 | 6.71 | 6.12 | 1.12 | up | 6.80E-01 | 9.03E-01 | | | |
| 1374610_at | --- | --- | --- | --- | AB0105 | 2.70 | 2.36 | 2.92 | 2.36 | 2.45 | 2.71 | 2.45 | 1.12 | up | 3.11E-01 | 8.95E-01 | | | |
| 1371536_at | Carpp1 | carboxyl regulated heat stable protein 1 | 260416 | Rn.14808 | AJ232008 | 5.96 | 6.01 | 5.55 | 6.00 | 6.04 | 5.99 | 6.12 | 1.12 | up | 3.11E-01 | 8.95E-01 | | | |
| 1370729_at | --- | --- | --- | --- | Rn.14539 | 6.10 | 6.13 | 6.12 | 6.11 | 6.12 | 6.11 | 6.12 | 1.12 | down | 5.12E-01 | 9.03E-01 | | | |
| 1376530_at | Mrgp15 | mitochondrial ribosomal protein L51 | 297601 | Rn.154504 | BI294860 | 8.68 | 8.48 | 8.42 | 8.43 | 7.88 | 8.68 | 8.68 | 1.12 | down | 4.38E-01 | 8.95E-01 | | | |
| 1373456_at | ROD1309216 | similar to hypothetical protein FL20487 | 361726 | Rn.102071 | AA954545 | 10.44 | 10.43 | 10.57 | 10.35 | 10.23 | 10.36 | 11.22 | 1.12 | down | 5.12E-02 | 8.95E-01 | | | |
| 1373457_at | Jak1 | Janus kinase 1 (hematopoietic tyrosine ATPase) | 361728 | Rn.901911 | AA953010 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 1.12 | down | 7.70E-01 | 8.95E-01 | | | |
| 1373458_at | Wsdm1 | WD repeats and SOF1 domain containing | 362902 | Rn.41457 | BG377835 | 8.17 | 8.35 | 8.35 | 8.56 | 8.56 | 8.23 | 1.12 | up | 2.59E-01 | 8.95E-01 | | | | |
| 1373459_at | Wsdm2 | WD domain containing 1 | 362545 | Rn.186278 | BG377835 | 7.28 | 7.08 | 6.29 | 7.07 | 7.43 | 7.28 | 1.12 | down | 6.15E-01 | 8.95E-01 | | | | |
| 1380330_at | --- | --- | --- | --- | Rn.46347 | BM385520 | 2.69 | 2.49 | 2.49 | 2.50 | 2.48 | 1.12 | down | 3.66E-01 | 8.95E-01 | | | | |
| 1378977_at | --- | --- | --- | --- | AD45316 | 3.07 | 3.38 | 2.97 | 3.00 | 2.93 | 2.98 | 1.12 | down | 2.56E-01 | 8.95E-01 | | | | |
| 1380331_at | --- | --- | --- | --- | BM385448 | 2.40 | 2.38 | 2.40 | 2.39 | 2.94 | 2.37 | 1.12 | up | 4.19E-01 | 8.95E-01 | | | | |
| 1383885_at | Sh3bpl1 | SH3 domain binding glutamic acid-rich protein like | 302363 | Rn.58823 | BG267848 | 5.26 | 5.97 | 6.01 | 5.75 | 6.18 | 5.83 | 1.12 | up | 5.73E-01 | 8.95E-01 | | | | |
| 1374470_at | Dhw57 | DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 | 366532 | Rn.15951 | AI102284 | 2.79 | 2.84 | 2.74 | 3.31 | 3.01 | 2.56 | 1.12 | up | 4.81E-01 | 8.95E-01 | | | | |
| 1388902_at | Bax1 | bax expressed gene 1 | 501625 | Rn.61300 | AI273422 | 2.95 | 2.74 | 2.91 | 2.98 | 3.31 | 2.91 | 1.12 | down | 1.32E-01 | 8.95E-01 | | | | |
| 1388882_at | Fkp3g | FK506 binding protein 3 | 299104 | Rn.1464 | AA81788 | 11.11 | 10.07 | 10.67 | 11.10 | 11.21 | 11.05 | 1.12 | up | 3.18E-01 | 8.95E-01 | | | | |
| 1391296_at | Tad51 | transcriptional adaptor 1 (Hfl1 homolog, yeast) like | 360874 | Rn.60795 | BF405567 | 3.15 | 2.57 | 2.67 | 2.63 | 2.74 | 2.57 | 1.12 | down | 4.27E-01 | 8.95E-01 | | | | |
| 1373824_at | Cfcp1 | craniofacial development protein 1 | 220207 | Rn.128746 | AW433973 | 8.07 | 8.44 | 7.95 | 7.99 | 8.24 | 8.73 | 1.12 | up | 5.56E-01 | 8.95E-01 | | | | |
| 1394668_at | --- | --- | --- | --- | Rn.21293 | A070299 | 2.38 | 2.37 | 2.27 | 2.34 | 2.73 | 2.45 | 1.12 | down | 2.23E-01 | 8.95E-01 | | | |
| 1393914_at | Fli3j | Fli3 homolog 1 (E. coli) | 363450 | Rn.100745 | A070526 | 2.49 | 2.51 | 2.55 | 2.55 | 3.00 | 2.12 | 1.12 | up | 3.51E-01 | 8.95E-01 | | | | |
| 1396154_at | Znf7b | zinc finger protein 7b | 366532 | Rn.15951 | BF398683 | 2.31 | 2.80 | 2.52 | 2.31 | 2.32 | 2.30 | 1.12 | down | 3.85E-01 | 8.95E-01 | | | | |
| 1397770_at | --- | --- | --- | --- | BI279649 | 2.77 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.12 | down | 3.86E-01 | 8.95E-01 | | | | |
| 1388435_at | --- | --- | --- | --- | Rn.5979 | AI234464 | 5.38 | 4.67 | 4.54 | 4.58 | 4.35 | 1.12 | down | 7.28E-01 | 9.13E-01 | | | | |
| 1373202_at | Sec3j | SEC3-like 1 (S. cerevisiae) | 362902 | Rn.204678 | BF404853 | 5.35 | 5.54 | 4.74 | 5.11 | 5.36 | 5.68 | 1.12 | up | 5.95E-01 | 8.95E-01 | | | | |
| 1387890_at | Srd5e2 | sterol 5-alpha-reductase, alpha polypeptide 2 (3-oxo-5-alpha-steroid delta 4) | 64077 | Rn.9838 | NM_022711 | 3.10 | 2.50 | 2.53 | 2.51 | 2.61 | 2.50 | 1.12 | down | 4.41E-01 | 8.95E-01 | | | | |
| 1397144_at | Mrgp17 | mitochondrial ribosomal protein L47 | 294963 | Rn.219103 | AV552027 | 6.79 | 6.70 | 6.73 | 6.87 | 6.15 | 7.98 | 1.12 | down | 7.14E-01 | 9.10E-01 | | | | |
| 1390662_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | --- | --- | --- | --- | Rn.19189 | BF392884 | 5.27 | 5.44 | 5.69 | 6.00 | 5.07 | 5.83 | 1.12 | down | 6.13E-01 | 8.95E-01 | | | |
| 1382336_at | Znf7b | zinc finger and BTB domain containing 7b | 360874 | Rn.41407 | BE109224 | 3.01 | 3.10 | 2.48 | 3.00 | 3.09 | 3.00 | 1.12 | up | 4.40E-01 | 8.95E-01 | | | | |
| 1388336_at | --- | --- | --- | --- | Rn.7330 | BF406986 | 2.59 | 2.51 | 2.62 | 2.61 | 2.63 | 2.99 | 1.12 | up | 2.56E-01 | 8.95E-01 | | | |
| 1397770_at | Cybbp1 | cytochrome P450, family 8, subfamily b, polypeptide 1 | 361728 | Rn.154373 | BF395116 | 2.65 | 3.01 | 2.80 | 2.79 | 3.48 | 2.80 | 1.12 | down | 7.47E-01 | 8.95E-01 | | | | |
| 1372552_at | Thoc2 | thick filament protein particle complex 1 | 181924 | Rn.23013 | NM_031241 | 2.87 | 2.49 | 2.50 | 2.48 | 2.49 | 2.37 | 1.12 | down | 2.84E-01 | 8.95E-01 | | | | |
| 1386525_at | Thoc2 | THO complex 2 | 313308 | Rn.35528 | AV556551 | 7.25 | 7.19 | 6.99 | 6.39 | 6.34 | 6.99 | 1.12 | down | 7.62E-01 | 9.22E-01 | | | | |
| 1376842_at | Znf697 | zinc finger protein 697 | 308326 | Rn.43943 | BF402458 | 2.61 | 3.43 | 2.63 | 2.61 | 2.98 | 2.58 | 1.12 | down | 6.04E-01 | 8.95E-01 | | | | |
| 1370520_at | LOC2297650 | --- | 302650 | Rn.204674 | AV202650 | 2.69 | 3.31 | 4.37 | 4.37 | 4.37 | 4.37 | 1.12 | down | 7.47E-01 | 8.95E-01 | | | | |
| 1382330_at | Rnm25a | Required for meiotic nuclear division 5 homolog A (S. cerevisiae) | 312439 | Rn.10791 | AD042886 | 6.86 | 7.00 | 7.07 | 6.99 | 7.25 | 7.49 | 1.12 | up | 4.29E-01 | 8.95E-01 | | | | |
| 1388811_at | Fam48a | similar to human family 4 member A | 302653 | Rn.45268 | BF397929 | 3.43 | 4.05 | 3.89 | 3.79 | 3.79 | 3.43 | 1.12 | down | 6.85E-01 | 8.95E-01 | | | | |
| 1371511_at | LOC290577 | similar to KIAA1007 protein; adrenal gland protein AD-005 | 291841 | Rn.56488 | BE100221 | 6.27 | 7.28 | 6.98 | 6.55 | 6.43 | 7.03 | 1.12 | down | 6.54E-01 | 8.97E-01 | | | | |
| 1398951_at | Wsl1 | vesicular integral peptide receptor 1 | 629207 | Rn.19189 | BF392884 | 5.27 | 5.44 | 5.69 | 6.00 | 5.07 | 5.83 | 1.12 | down | 6.13E-01 | 8.95E-01 | | | | |
| 1391625_at | Vpr1 | zinc finger protein 574 | 24875 | Rn.99793 | NM_012685 | 2.41 | 2.40 | 3.08 | 2.58 | 2.41 | 2.30 | 1.12 | down | 5.10E-01 | 8.95E-01 | | | | |
| 1390357_at | Znf574 | zinc finger protein 574 | 304343 | Rn.15486 | AV552022 | 4.27 | 4.75 | 4.33 | 4.56 | 4.40 | 4.90 | 1.12 | up | 4.87E-01 | 8.95E-01 | | | | |
| 1388969_at | Nv1 | non-viral protein 1 | 114523 | Rn.41402 | NM_053710 | 6.68 | 6.90 | 6.90 | 6.90 | 6.90 | 6.90 | 1.12 | down | 5.07E-01 | 8.95E-01 | | | | |
| 1388886_x_at | Pmp3g | peroxisomal membrane protein 3 | 295248 | Rn.7330 | BF406986 | 2.59 | 2.51 | 2.62 | 2.61 | 2.63 | 2.99 | 1.12 | up | 2.56E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.19984 | BI281732 | 2.46 | 3.12 | 2.57 | 2.38 | 2.80 | 2.46 | 1.12 | down | 5.23E-01 | 8.95E-01 | | | | |
| 1388962_at | Ghdcc | GHD domain containing | 303542 | Rn.1 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | PubMed ID | GCRA Intensities (log2) | | | | | | FC/MS/MS | Resonance | Unpaired (C vs C) (triplicates) | REG | MTC | |
|------------|-------------|---|---------|------------|-----------|-------------------------|----------|----------|----------|----------|----------|----------|-----------|---------------------------------|----------|----------|---|
| | | | | | | SEPS (C) | SEPA (C) | SEPA (S) | SEPA (S) | SEPA (S) | SEPA (S) | | | | | | |
| 1377268_at | RGD1310597 | similar to RIKEN cDNA 120014M14 | 294667 | Rn.202704 | BM30148 | 3.65 | 3.70 | 3.45 | 3.43 | 3.45 | 3.43 | 1.12 | down | 1.04E-01 | 8.95E-01 | - | |
| 1375999_at | Hes3 | homeobox D3 | 281852 | Rn.100101 | BF144669 | 2.92 | 2.51 | 2.75 | 2.56 | 2.46 | 2.57 | 2.48 | 1.12 | down | 2.94E-01 | 8.95E-01 | - |
| 138537_at | Usp29 | ubiquitin specific peptidase 29 | 361495 | Rn.162413 | BF412622 | 5.02 | 3.80 | 3.75 | 4.17 | 3.84 | 4.09 | 1.12 | down | 7.29E-01 | 9.14E-01 | - | |
| 138524_at | Stard7 | SMAR-related lipid transfer (START) domain containing 7 | 296128 | Rn.205058 | BID22011 | 6.61 | 6.86 | 6.67 | 6.15 | 6.75 | 6.76 | 1.12 | down | 5.05E-01 | 8.95E-01 | - | |
| 138520_at | RD1565561 | similar to RIKEN cDNA 483341B01 | 498907 | Rn.21777 | AI839053 | 2.66 | 2.67 | 3.16 | 2.70 | 2.68 | 2.64 | 1.12 | down | 3.89E-01 | 8.95E-01 | - | |
| 138519_at | LOC88855 | similar to proteinase-associated domain-containing protein of 21 kDa precursor | 363135 | Rn.171643 | AI839053 | 4.63 | 7.03 | 6.65 | 6.83 | 7.23 | 6.82 | 1.12 | down | 4.41E-01 | 8.95E-01 | - | |
| 1370382_at | RT1-05 | RT1 class I, locus B01 | 294270 | Rn.33311 | BID27529 | 6.17 | 3.38 | 3.82 | 5.80 | 3.07 | 4.02 | 1.12 | down | 8.99E-01 | 8.95E-01 | - | |
| 1385353_at | Fam108a | family with sequence similarity 160, member A | 361014 | Rn.171217 | BF162981 | 2.89 | 2.38 | 2.80 | 2.40 | 2.40 | 2.40 | 1.12 | down | 3.82E-01 | 8.95E-01 | - | |
| 1379353_at | Aspfp2 | aminoacyl-serine-thioesterase phosphopantetheinyl transferase | 300328 | Rn.102747 | AI233726 | 6.89 | 7.72 | 8.85 | 6.87 | 8.92 | 10.12 | 1.12 | down | 1.74E-01 | 8.95E-01 | - | |
| 1390541_at | Ush1c | usher syndrome 1, homozygous (human) | 308596 | Rn.24615 | BID29132 | 7.43 | 8.03 | 7.64 | 7.30 | 7.57 | 7.76 | 1.12 | down | 5.19E-01 | 8.95E-01 | - | |
| 1392007_at | Znfx3 | Zinc fingers and homeobox 3 | 311604 | Rn.8221 | AW623707 | 5.15 | 5.42 | 4.73 | 5.91 | 4.20 | 5.67 | 1.12 | up | 7.95E-01 | 9.34E-01 | - | |
| 1372485_at | Pcd11 | protein-11, alpha-carboxylase dehydratase-associated component of hepatocyte | 29700 | Rn.81180 | BF281220 | 8.78 | 8.87 | 8.98 | 8.75 | 8.49 | 8.91 | 1.12 | down | 3.02E-01 | 8.95E-01 | - | |
| 1382076_at | Rac24c2 | Rac-like GTPase 24c2 | 363135 | Rn.217643 | AI839053 | 2.33 | 2.76 | 2.72 | 2.33 | 2.74 | 2.58 | 1.12 | down | 2.52E-01 | 8.95E-01 | - | |
| 1385933_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 7.24E-01 | 9.12E-01 | - | |
| 1385933_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 3.71E-01 | 8.95E-01 | - | |
| 1384866_at | Pam3 | peptidomimetic (prosome, macrophage) 26S subunit, non-ATPase, 3 | 287670 | Rn.101332 | BID25842 | 7.63 | 7.75 | 7.77 | 7.99 | 7.85 | 7.79 | 1.12 | down | 8.74E-02 | 8.95E-01 | - | |
| 1371811_at | Bmi2 | Benard-Jaffe Syndrome congenital lipodystrophy 2, homolog (human) | 361722 | Rn.105761 | BID27832 | 8.25 | 8.73 | 8.19 | 8.56 | 8.48 | 8.61 | 1.12 | up | 4.16E-01 | 8.95E-01 | - | |
| 1370382_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 4.87E-01 | 8.95E-01 | - | |
| 1382717_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 6.20E-01 | 8.95E-01 | - | |
| 1382540_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 5.19E-01 | 8.95E-01 | - | |
| 1375370_at | Sei2c2 | SEI2RTA domain containing 2 | 449223 | Rn.165820 | BID25852 | 2.67 | 2.66 | 2.42 | 2.67 | 2.90 | 2.66 | 1.12 | up | 2.80E-01 | 8.95E-01 | - | |
| 1395129_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | up | 4.74E-01 | 8.95E-01 | - | |
| 1384657_at | Akap9 | A kinase (PRKA) anchor protein (ytosin) 9 | 246150 | Rn.202416 | AI145240 | 8.73 | 7.87 | 7.82 | 7.80 | 8.03 | 8.54 | 1.12 | down | 6.57E-01 | 8.95E-01 | - | |
| 1383556_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 3.27E-01 | 8.95E-01 | - | |
| 1382658_at | Tom3 | tomoprosin 3, gamma | 117557 | Rn.37575 | AFO53811 | 4.01 | 4.41 | 4.53 | 4.60 | 4.46 | 4.47 | 1.12 | up | 4.06E-01 | 8.95E-01 | - | |
| 1371758_at | Ufc1 | ubiquitin-fold modifier conjugating enzyme 1 | 445268 | Rn.80250 | BIM86239 | 9.82 | 9.95 | 9.98 | 10.14 | 9.95 | 10.21 | 1.12 | up | 2.50E-01 | 8.95E-01 | - | |
| 1372715_at | Shc1 | src homology 1 domain containing 1 | 364673 | Rn.115765 | AAB13949 | 8.47 | 9.71 | 9.68 | 9.51 | 9.20 | 9.33 | 1.12 | down | 1.12E-01 | 8.95E-01 | - | |
| 1395335_at | Fam98a | family with sequence similarity 98, member A | 313873 | Rn.12770 | BF548555 | 5.76 | 6.16 | 6.00 | 6.03 | 5.21 | 6.01 | 1.12 | down | 7.79E-01 | 9.28E-01 | - | |
| 1372031_at | Fam98b | family with sequence similarity 98, member B | 309827 | Rn.26531 | BF548555 | 6.07 | 6.07 | 6.07 | 6.07 | 6.07 | 6.08 | 1.12 | down | 6.40E-01 | 8.95E-01 | - | |
| 1386705_at | Mina | Myb-induced nuclear anion | 286670 | Rn.77753 | BF10379 | 3.33 | 3.31 | 3.39 | 3.36 | 3.39 | 3.76 | 1.12 | up | 2.88E-01 | 8.95E-01 | - | |
| 1386661_at | Sic13c2 | soluble carrier family 13 (iodine-dependent dicarboxylate transporter), member 13c2 | 62502 | Rn.10821 | UI11513 | 9.04 | 9.03 | 8.88 | 8.99 | 8.99 | 8.90 | 1.12 | down | 2.99E-01 | 8.95E-01 | - | |
| 1375214_at | Gels1 | gelatinase-1, alpha-2-macroglobulin-associated, polypeptide N-acetylgalactosaminyl | 363135 | Rn.141272 | BE117628 | 6.24 | 6.24 | 6.24 | 6.24 | 6.24 | 6.16 | 1.12 | down | 4.26E-01 | 8.95E-01 | - | |
| 1373734_at | Plekh3 | pleckstrin homology domain containing, family H (with MYTH domain) member 3 | 360634 | Rn.92047 | AA110989 | 3.28 | 3.04 | 3.19 | 3.21 | 3.55 | 3.23 | 1.12 | up | 2.90E-01 | 8.95E-01 | - | |
| 1388848_at | Map10 | MAP10 homolog, amino-acid N-acetyltransferase subunit, (S. cerevisiae) | 64472 | Rn.105761 | BID25852 | 2.67 | 2.66 | 2.42 | 2.67 | 2.90 | 2.66 | 1.12 | up | 3.42E-01 | 8.95E-01 | - | |
| 1374602_at | Tspyl1 | TSPY1-like 1 | 29544 | Rn.99271 | BF47027 | 6.44 | 6.78 | 7.40 | 6.47 | 6.80 | 7.27 | 1.12 | up | 6.38E-01 | 8.95E-01 | - | |
| 1387463_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 4.11E-01 | 8.95E-01 | - | |
| 1389456_at | Mapk14 | mitogen-activated protein kinase 14 | 116590 | Rn.36454 | BID27529 | 7.70 | 7.21 | 7.01 | 7.69 | 7.01 | 7.01 | 1.12 | down | 3.78E-01 | 8.95E-01 | - | |
| 1391152_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 6.14E-01 | 8.95E-01 | - | |
| 1396446_at | Can11 | calcium activated nucleoidase 1 | 246272 | Rn.7241 | BF922502 | 2.82 | 2.65 | 2.66 | 3.37 | 2.72 | 3.23 | 1.12 | up | 5.75E-01 | 8.95E-01 | - | |
| 1387603_at | Cyp39a3 | cytochrome P450, family 39, subfamily a, polypeptide 1 | 301284 | Rn.153380 | BE115944 | 2.32 | 2.33 | 2.34 | 2.45 | 2.34 | 2.32 | 1.12 | down | 4.73E-01 | 8.95E-01 | - | |
| 1386783_at | Hmgbl1 | high mobility group box 1 | 25459 | Rn.144565 | BE107182 | 9.01 | 8.99 | 8.91 | 8.80 | 9.09 | 9.05 | 1.12 | down | 3.88E-01 | 8.95E-01 | - | |
| 1381612_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 3.96E-01 | 8.95E-01 | - | |
| 1384607_at | Ube2a | ubiquitin-conjugating enzyme E2A, RADM homolog (S. cerevisiae) | 298317 | Rn.8586 | BF24538 | 6.21 | 6.28 | 5.95 | 5.80 | 5.75 | 6.41 | 1.12 | down | 5.38E-01 | 8.95E-01 | - | |
| 1392573_at | Ube2c | ubiquitin-conjugating enzyme E2C, RADM homolog (S. cerevisiae) | 298317 | Rn.21036 | BF24538 | 6.21 | 6.28 | 5.95 | 5.80 | 5.75 | 6.41 | 1.12 | down | 4.22E-01 | 8.95E-01 | - | |
| 1391162_at | Dublcc2 | doublecortin domain containing 2 | 291130 | Rn.45430 | AW625289 | 2.47 | 2.46 | 2.49 | 2.56 | 2.28 | 2.45 | 1.12 | up | 2.87E-01 | 8.95E-01 | - | |
| 1373051_at | Lmnb1 | LMNB1 domain containing 1 | 246046 | Rn.201860 | BIM38388 | 6.99 | 7.63 | 7.27 | 7.42 | 7.35 | 7.59 | 1.12 | up | 4.74E-01 | 8.95E-01 | - | |
| 1388025_at | Lmnb2 | LMNB2 domain containing 2 | 309640 | Rn.137020 | AI171628 | 6.63 | 7.04 | 6.93 | 6.75 | 6.63 | 6.74 | 1.12 | down | 3.78E-01 | 8.95E-01 | - | |
| 1380895_at | Fabp9 | fatty acid binding protein 9, beta 2 | 64822 | Rn.10078 | NM_022584 | 2.95 | 2.58 | 2.68 | 2.57 | 2.60 | 2.55 | 1.12 | down | 2.36E-01 | 8.95E-01 | - | |
| 1380895_at | Snca1 | synuclein alpha, non-A53T, polypeptide 1 | 314223 | Rn.18381 | BID25852 | 2.67 | 2.62 | 2.51 | 2.67 | 2.62 | 2.62 | 1.12 | down | 3.48E-01 | 8.95E-01 | - | |
| 1398700_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | up | 3.15E-01 | 8.95E-01 | - | |
| 1371433_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 6.35E-01 | 8.95E-01 | - | |
| 1386610_at | Rorb2 | regulator of chromosome condensation (RCC1) and BTB (POZ) domain contai | 293633 | Rn.125257 | SC652272 | 2.44 | 2.44 | 2.53 | 2.44 | 2.44 | 2.68 | 1.12 | up | 4.44E-01 | 8.95E-01 | - | |
| 1382255_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | up | 1.55E-01 | 8.95E-01 | - | |
| 1372855_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 1.44E-01 | 8.95E-01 | - | |
| 1381781_at | Col17a1 | collagen, type XVII, alpha 1 | 294027 | Rn.40392 | AI175235 | 3.13 | 2.51 | 2.68 | 2.56 | 2.81 | 2.47 | 1.12 | down | 4.95E-01 | 8.95E-01 | - | |
| 1388463_at | Coif2 | cofilin 2, muscle | 366624 | Rn.101880 | BID26010 | 7.79 | 8.51 | 8.98 | 8.80 | 8.23 | 9.03 | 1.12 | up | 7.47E-01 | 9.16E-01 | - | |
| 1394891_at | RD1564541 | similar to RIKEN cDNA 483341B01 | 314343 | Rn.105761 | BF438200 | 3.24 | 3.15 | 3.24 | 3.26 | 3.20 | 3.75 | 1.12 | down | 3.42E-01 | 8.95E-01 | - | |
| 1396902_at | Soat1 | sterol O-acetyltransferase 1 | 81782 | Rn.59 | NM_031118 | 2.83 | 2.80 | 2.95 | 2.30 | 2.82 | 2.79 | 1.12 | down | 4.72E-01 | 8.95E-01 | - | |
| 1398493_at | Nei1 | neil1ase 1 | 298222 | Rn.64245 | AI171628 | 4.12 | 3.28 | 3.12 | 3.29 | 3.12 | 3.24 | 1.12 | down | 4.12E-01 | 8.95E-01 | - | |
| 1379404_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 1.60E-01 | 8.95E-01 | - | |
| 1389952_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | up | 4.16E-01 | 8.95E-01 | - | |
| 1395633_at | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.12 | down | 2.52E-01 | 8.95E-01 | - | |
| 1372241_at | Oat1 | ornithine decarboxylase antizyme 1 | 25502 | Rn.266 | AA11388 | 9.44 | 10.81 | 10.00 | 10.36 | 10.22 | 10.43 | 1.12 | up | 5.19E-01 | 8.95E-01 | - | |
| 1384618_at | Myk1 | myosin light chain kinase 1 | 260057 | Rn.203004 | BIM38373 | 6.47 | 6.67 | 6.69 | 7.07 | 6.69 | 6.34 | 1.12 | up | 5.26E-01 | 8.95E-01 | - | |
| 1392915_at | RAB18 | RAB18, member RAS oncogene family II | 700300 | Rn.17241 | BF438200 | 6.47 | 6.67 | 6.69 | 7.07 | 6.69 | 6.34 | 1.12 | up | 5.26E-01 | 8.95E-01 | - | |
| 1382926_at | LOC82926 | similar to RAB18, member RAS oncogene family II | 261911 | Rn.36171 | BF438200 | 3.67 | 3.61 | 3.63 | 3.12 | 3.94 | 3.67 | 1.12 | down | 5.78E-01 | 8.95E-01 | - | |
| 1376661_at | Trapp5 | trapping protein pentameric complex 5 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/Abouse | Resonance | Unpaired Unit Call vs. CH1 (triplicates) | REG | MTC | | |
|--------------|--------------------|--|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|-----------|-----------|--|----------|----------|------------|------------|
| | | | | | | SEPS (Ch1) | SEPA (Ch1) | SEPB (Ch1) | SEPC (Ch1) | SEPD (Ch1) | SEPE (Ch1) | | | | | | SEPF (Ch1) | SEPG (Ch1) |
| 1384432_at | --- | --- | --- | --- | AW511684 | 6.18 | 6.48 | 6.59 | 6.61 | 6.50 | 6.68 | 1.11 | down | 6.85E-01 | 9.03E-01 | --- | --- | |
| 138719_at | --- | --- | --- | --- | BE119752 | 2.94 | 2.82 | 2.81 | 2.96 | 2.62 | 2.79 | 1.11 | down | 2.84E-01 | 8.95E-01 | --- | --- | |
| 1370090_at | Hmoxt1 | Heme oxygenase (decycling) 1 | 24451 | RI.206368 | BE119752 | 2.94 | 2.82 | 2.81 | 2.96 | 2.62 | 2.79 | 1.11 | down | 2.84E-01 | 8.95E-01 | --- | --- | |
| 1374887_at | --- | --- | --- | --- | BE119752 | 2.94 | 2.82 | 2.81 | 2.96 | 2.62 | 2.79 | 1.11 | down | 2.84E-01 | 8.95E-01 | --- | --- | |
| 1373992_at | Ankhd1 | Ankhd1-Ellehep3 fusion transcript | 619725 | RI.118633 | BE119752 | 2.94 | 2.82 | 2.81 | 2.96 | 2.62 | 2.79 | 1.11 | down | 6.33E-01 | 8.95E-01 | --- | --- | |
| 1375817_at | --- | --- | --- | --- | BI298780 | 2.34 | 2.33 | 2.80 | 2.34 | 2.35 | 2.33 | 1.11 | down | 3.76E-01 | 8.95E-01 | --- | --- | |
| 1380719_at | --- | --- | --- | --- | BZ284889 | 8.38 | 8.36 | 8.80 | 8.20 | 8.44 | 8.44 | 1.11 | down | 4.00E-01 | 8.95E-01 | --- | --- | |
| 1385952_at | Insp5 | inositol polyphosphate 5-phosphatase B | 362590 | RI.2252 | AA12624 | 6.65 | 6.01 | 5.18 | 6.02 | 6.05 | 6.24 | 1.11 | down | 7.40E-01 | 9.16E-01 | --- | --- | |
| 1374119_at | Spfn1 | spicidin, beta, non-erythrocytic 1 | 305614 | RI.93208 | AW199180 | 10.29 | 10.08 | 10.27 | 9.62 | 9.83 | 10.32 | 1.11 | down | 4.37E-01 | 8.95E-01 | --- | --- | |
| 1375355_at | Mpys2 | Mycoplasma fasti | 29254 | RI.40386 | AT75665 | 2.29 | 2.28 | 2.74 | 2.28 | 2.28 | 2.27 | 1.11 | down | 3.74E-01 | 8.95E-01 | --- | --- | |
| 1376901_at | PoliE1 | polymerase (RNA) 1 polypeptide E1 | 131245 | RI.11499 | BC380440 | 4.66 | 4.78 | 4.66 | 4.10 | 4.66 | 4.88 | 1.11 | down | 5.52E-01 | 8.95E-01 | --- | --- | |
| 1372119_at | Cog4 | component of oligomeric glycol complex 4 | 381407 | RI.107745 | BM328910 | 3.15 | 3.10 | 4.15 | 3.20 | 3.62 | 3.21 | 1.11 | down | 6.86E-01 | 9.04E-01 | --- | --- | |
| 1387290_at | GaliH10 | UDP-N-acetyl-alpha-D-galactosamine polypeptide N-acetylglucosaminyltransferase | 170501 | RI.60224 | NM_130742 | 3.24 | 2.94 | 2.94 | 3.02 | 2.77 | 2.87 | 1.11 | down | 2.78E-01 | 8.95E-01 | --- | --- | |
| 1380324_at | --- | --- | --- | --- | AW45332 | 2.29 | 2.27 | 2.29 | 2.31 | 2.29 | 2.71 | 1.11 | up | 3.17E-01 | 8.95E-01 | --- | --- | |
| 1374671_at | RGD1308139 | similar to RIKEN cDNA 1200014L11 | 360563 | RI.15329 | BE143854 | 5.42 | 5.70 | 5.42 | 5.32 | 5.11 | 5.64 | 1.11 | down | 4.39E-01 | 8.95E-01 | --- | --- | |
| 1374671_at | Trp3p2 | Trp3p2 interacting protein 2 | 361857 | RI.9031 | BI200057 | 3.80 | 4.43 | 3.95 | 3.89 | 3.75 | 4.09 | 1.11 | down | 5.13E-01 | 8.95E-01 | --- | --- | |
| 1374671_at | --- | --- | --- | --- | BE112913 | 9.12 | 8.56 | 8.85 | 8.59 | 8.32 | 9.15 | 1.11 | down | 6.28E-01 | 8.95E-01 | --- | --- | |
| 1373922_at | SerpinB9 | serpin (or cysteine) peptidase inhibitor, clade B, member 9 | 361241 | RI.95177 | AA070094 | 2.66 | 2.65 | 2.66 | 2.65 | 3.13 | 2.64 | 1.11 | down | 3.98E-01 | 8.95E-01 | --- | --- | |
| 1372243_at | Cab39 | calcium binding protein 39 | 301574 | RI.103055 | BI283336 | 5.97 | 5.92 | 5.69 | 5.79 | 5.52 | 6.81 | 1.11 | down | 2.97E-01 | 8.95E-01 | --- | --- | |
| 1391476_at | --- | --- | --- | --- | BE112913 | 9.12 | 8.56 | 8.85 | 8.59 | 8.32 | 9.15 | 1.11 | down | 6.28E-01 | 8.95E-01 | --- | --- | |
| 1393927_at | --- | --- | --- | --- | AA997679 | 7.52 | 7.53 | 7.18 | 6.28 | 7.55 | 7.96 | 1.11 | down | 7.84E-01 | 9.30E-01 | --- | --- | |
| 1378434_at | --- | --- | --- | --- | BF408088 | 2.72 | 2.72 | 3.21 | 2.73 | 2.74 | 2.73 | 1.11 | down | 4.00E-01 | 8.95E-01 | --- | --- | |
| 1374841_at | --- | --- | --- | --- | AT102271 | 3.14 | 3.16 | 3.14 | 3.19 | 3.14 | 2.96 | 1.11 | down | 4.65E-01 | 8.95E-01 | --- | --- | |
| 1382298_at | Akap13 | akapin (PRKA) anchor protein 13 | 293024 | RI.2027 | AW528712 | 7.04 | 7.54 | 7.95 | 7.65 | 7.79 | 7.23 | 1.11 | down | 6.36E-01 | 8.95E-01 | --- | --- | |
| 1394549_at | --- | --- | --- | --- | RI.2027 | AW528712 | 7.04 | 7.54 | 7.95 | 7.65 | 7.79 | 7.23 | 1.11 | down | 6.36E-01 | 8.95E-01 | --- | --- |
| 1385324_x_at | RGD1561413 | similar to BC021441 | 500585 | RI.162129 | AA58974 | 3.35 | 4.17 | 4.94 | 4.37 | 4.38 | 4.17 | 1.11 | up | 7.58E-01 | 9.21E-01 | --- | --- | |
| 1383367_at | --- | --- | --- | --- | BF409251 | 3.70 | 3.45 | 3.15 | 3.92 | 3.25 | 3.59 | 1.11 | up | 5.74E-01 | 8.95E-01 | --- | --- | |
| 1378330_at | Mpys3 | mitochondrial ribosomal protein S35 | 297727 | RI.8870 | BC333952 | 7.84 | 8.75 | 8.59 | 8.26 | 8.33 | 8.80 | 1.11 | up | 6.48E-01 | 8.95E-01 | --- | --- | |
| 1391023_at | --- | --- | --- | --- | RI.148327 | 7.28 | 7.89 | 8.84 | 7.50 | 8.02 | 8.04 | 1.11 | down | 7.68E-01 | 9.24E-01 | --- | --- | |
| 1370316_at | Hspd1 | HSPA (heat shock 70Da) binding protein, cytoplasmic cochaperone 1 | 248148 | RI.4297 | AF17880 | 3.81 | 3.35 | 3.41 | 3.76 | 3.10 | 3.25 | 1.11 | down | 5.67E-01 | 8.95E-01 | --- | --- | |
| 1392619_at | Ma4s1 | mitochondrial adenosine deaminase 1 | 191735 | RI.101878 | AW6210 | 2.36 | 2.33 | 2.90 | 2.32 | 2.35 | 2.33 | 1.11 | down | 4.65E-01 | 8.95E-01 | --- | --- | |
| 1371977_at | Arp3 | actin related protein 3/ capping subunit 3 | 288869 | RI.4233 | BC381477 | 10.08 | 10.35 | 9.90 | 10.20 | 10.27 | 10.33 | 1.11 | up | 3.23E-01 | 8.95E-01 | --- | --- | |
| 1385169_at | --- | --- | --- | --- | AT222659 | 1.48 | 1.48 | 1.48 | 3.68 | 4.24 | 4.24 | 1.11 | down | 6.12E-01 | 8.95E-01 | --- | --- | |
| 1397600_at | Vezt | vesstatin, adherens junction transmembrane protein | 299738 | RI.16786 | AT17400 | 2.58 | 2.55 | 2.96 | 2.55 | 2.56 | 2.51 | 1.11 | down | 3.11E-01 | 8.95E-01 | --- | --- | |
| 1384019_x_at | --- | --- | --- | --- | BM383449 | 7.00 | 6.88 | 6.67 | 6.18 | 6.55 | 7.25 | 1.11 | down | 6.74E-01 | 9.01E-01 | --- | --- | |
| 1376551_at | Cox8b | isolated-coil domain containing 8 | 293738 | RI.400486 | AF1451 | 4.51 | 4.73 | 4.71 | 4.78 | 4.71 | 4.52 | 1.11 | down | 3.22E-01 | 8.95E-01 | --- | --- | |
| 1388805_at | Ppp2ca | protein phosphatase 2 (formery 2A), catalytic subunit, alpha isoform | 24872 | RI.1271 | BF408782 | 8.59 | 9.34 | 9.43 | 8.74 | 8.90 | 9.25 | 1.11 | down | 6.48E-01 | 8.95E-01 | --- | --- | |
| 1390922_at | --- | --- | --- | --- | BM383449 | 7.00 | 6.88 | 6.67 | 6.18 | 6.55 | 7.25 | 1.11 | down | 6.74E-01 | 9.01E-01 | --- | --- | |
| 1391957_at | Katnal1 | katanin p60 subunit A-like 1 | 288449 | RI.205215 | BE113374 | 2.52 | 2.53 | 2.43 | 2.46 | 2.81 | 2.72 | 1.11 | up | 2.28E-01 | 8.95E-01 | --- | --- | |
| 1382022_at | --- | --- | --- | --- | BF285121 | 4.55 | 4.65 | 5.07 | 4.04 | 4.55 | 5.22 | 1.11 | down | 7.06E-01 | 9.08E-01 | --- | --- | |
| 1384367_at | RGD1563516 | similar to histone protein Hsi2h3c1 | 698148 | RI.72468 | AT17546 | 2.63 | 2.63 | 2.76 | 2.62 | 2.62 | 2.76 | 1.11 | down | 6.07E-01 | 8.95E-01 | --- | --- | |
| 1384343_at | --- | --- | --- | --- | RI.107931 | 3.54 | 3.06 | 3.11 | 3.09 | 3.07 | 3.08 | 1.11 | down | 3.72E-01 | 8.95E-01 | --- | --- | |
| 1380552_at | --- | --- | --- | --- | RI.14154 | BF281980 | 6.88 | 6.87 | 6.81 | 6.45 | 6.78 | 6.88 | 1.11 | down | 3.14E-01 | 8.95E-01 | --- | --- |
| 1387463_at | Phb2 | proboscoid 2 | 114786 | RI.10436 | AT20510 | 9.19 | 10.13 | 9.53 | 9.33 | 10.17 | 9.47 | 1.11 | down | 6.48E-01 | 8.95E-01 | --- | --- | |
| 1396810_at | Sicd6l1 | zinc finger carrier family 9 (sodium/hydrogen exchanger), member 1 | 24782 | RI.2025 | RI.2025 | 2.72 | 3.08 | 2.78 | 2.70 | 2.74 | 2.69 | 1.11 | down | 2.45E-01 | 8.95E-01 | --- | --- | |
| 1370000_at | --- | --- | --- | --- | AT170347 | 5.91 | 6.46 | 6.51 | 6.35 | 6.27 | 5.80 | 1.11 | down | 5.88E-01 | 8.95E-01 | --- | --- | |
| 1391466_at | --- | --- | --- | --- | AA592424 | 4.44 | 3.43 | 3.76 | 3.71 | 3.41 | 4.06 | 1.11 | down | 6.87E-01 | 9.04E-01 | --- | --- | |
| 1380539_at | --- | --- | --- | --- | BC392992 | 8.15 | 6.92 | 6.78 | 6.92 | 6.89 | 7.48 | 1.11 | up | 9.07E-01 | 8.95E-01 | --- | --- | |
| 1389480_at | Rw0544 | RWD domain containing 4A | 502084 | RI.15503 | AA59482 | 7.69 | 8.40 | 8.70 | 8.10 | 7.76 | 8.46 | 1.11 | down | 6.94E-01 | 9.05E-01 | --- | --- | |
| 1388473_at | Fhl1 | HNF-related tyrosine kinase 1 | 4261 | RI.10239 | NM_033719 | 2.81 | 2.48 | 2.46 | 2.44 | 2.45 | 2.43 | 1.11 | down | 2.45E-01 | 8.95E-01 | --- | --- | |
| 1398974_at | Cse1l | chromosome segregation 1 like (S. cerevisiae) | 362273 | RI.36994 | AT171615 | 4.07 | 5.51 | 4.42 | 4.42 | 4.16 | 4.97 | 1.11 | down | 7.77E-01 | 9.05E-01 | --- | --- | |
| 1370763_at | RGD1310810 | similar to RIKEN cDNA 493044A02 | 306549 | RI.39247 | BE117757 | 5.99 | 6.23 | 6.34 | 5.68 | 5.81 | 6.53 | 1.11 | down | 6.13E-01 | 8.95E-01 | --- | --- | |
| 1388303_at | --- | --- | --- | --- | BM383449 | 7.00 | 6.88 | 6.67 | 6.18 | 6.55 | 7.25 | 1.11 | down | 6.74E-01 | 9.01E-01 | --- | --- | |
| 1398893_at | Ndfp1 | Nedd4 family interacting domain 1 | 291609 | RI.59254 | BC61712 | 9.24 | 9.47 | 9.64 | 9.67 | 9.33 | 9.81 | 1.11 | up | 4.56E-01 | 8.95E-01 | --- | --- | |
| 1390438_at | Ankrd17 | ankyrin repeat domain 17 | 299521 | RI.8442 | AW434054 | 4.78 | 4.45 | 4.24 | 4.18 | 4.14 | 4.68 | 1.11 | down | 5.50E-01 | 8.95E-01 | --- | --- | |
| 1386411_at | Enb1 | enb1-related protein 1 | 114511 | RI.10317 | NM_033719 | 2.81 | 2.48 | 2.46 | 2.44 | 2.45 | 2.43 | 1.11 | down | 2.45E-01 | 8.95E-01 | --- | --- | |
| 1384530_at | LOC929028 | hypothetical protein LOC929028 | 690208 | RI.219333 | BF149775 | 4.80 | 3.79 | 3.12 | 4.41 | 3.67 | 4.09 | 1.11 | up | 7.89E-01 | 9.32E-01 | --- | --- | |
| 1389024_at | LOC9159985 | hypothetical protein LOC9159985 | 500099 | RI.20260 | AA592424 | 4.44 | 3.43 | 3.76 | 3.71 | 3.41 | 4.06 | 1.11 | down | 6.87E-01 | 9.04E-01 | --- | --- | |
| 1378223_at | --- | --- | --- | --- | AA592424 | 4.44 | 3.43 | 3.76 | 3.71 | 3.41 | 4.06 | 1.11 | down | 6.87E-01 | 9.04E-01 | --- | --- | |
| 1380132_at | --- | --- | --- | --- | BI291384 | 2.52 | 2.42 | 2.35 | 2.58 | 2.58 | 2.53 | 1.11 | up | 3.84E-01 | 8.95E-01 | --- | --- | |
| 1383454_at | 88145 // LOC929028 | hypothetical protein LOC929028 | 500099 | RI.20260 | AA592424 | 4.44 | 3.43 | 3.76 | 3.71 | 3.41 | 4.06 | 1.11 | down | 6.87E-01 | 9.04E-01 | --- | --- | |
| 1383311_at | --- | --- | --- | --- | BI291384 | 2.52 | 2.42 | 2.35 | 2.58 | 2.58 | 2.53 | 1.11 | up | 3.84E-01 | 8.95E-01 | --- | --- | |
| 1383311_at | --- | --- | --- | --- | BI291384 | 2.52 | 2.42 | 2.35 | 2.58 | 2.58 | 2.53 | 1.11 | up | 3.84E-01 | 8.95E-01 | --- | --- | |
| 1383311_at | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test (Cis vs. Chi) (log2) | REG | MTC | | |
|------------|-------------|--|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|-----------|----------|--------------------------------------|----------|----------|---|---|
| | | | | | | SEXP (Chi) | SEXP (Cis) | SEXP (Chi) | SEXP (Cis) | SEXP (Chi) | SEXP (Cis) | | | | | | | |
| 138840 | Sumo3 | SMN3 homolog of mif 2 homo3 (3, S. cerevisiae) | 499417 | B127964 | 10.05 | 10.38 | 9.92 | 9.75 | 9.98 | 10.16 | 1.11 | down | 4.56E-01 | 8.95E-01 | - | - | | |
| 139126 | Homo5 | homo box B5 | 497987 | Rn.206292 | B060733 | 5.52 | 5.14 | 4.71 | 4.15 | 6.21 | 4.96 | 1.11 | down | 8.40E-01 | 9.50E-01 | - | - | |
| 139263 | --- | --- | --- | Rn.165297 | B118110 | 8.30 | 7.72 | 7.45 | 7.53 | 7.68 | 7.88 | 1.11 | down | 5.96E-01 | 8.95E-01 | - | - | |
| 139413 | --- | --- | --- | Rn.155723 | BF559782 | 2.73 | 2.79 | 2.66 | 2.65 | 2.84 | 3.33 | 1.11 | up | 5.55E-01 | 8.95E-01 | - | - | |
| 139421 | --- | --- | --- | Rn.50324 | BE116558 | 2.56 | 2.66 | 2.56 | 2.53 | 2.65 | 2.51 | 1.11 | down | 3.40E-01 | 8.95E-01 | - | - | |
| 139425 | --- | --- | --- | Rn.12110 | A122448 | 6.67 | 6.68 | 7.03 | 6.43 | 6.84 | 6.66 | 1.11 | down | 4.24E-01 | 8.95E-01 | - | - | |
| 139527 | Ch4 | chromodomain containing 4 | 24842 | Rn.10191 | NM_17007 | 3.50 | 3.46 | 4.61 | 3.93 | 4.33 | 4.16 | 3.93 | 1.11 | up | 1.79E-01 | 9.11E-01 | - | - |
| 139530 | --- | --- | --- | Rn.520434 | BE11027 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 2.59 | 1.11 | down | 7.35E-01 | 8.95E-01 | - | - | |
| 139537 | --- | --- | --- | Rn.144337 | BE106794 | 8.34 | 8.13 | 8.18 | 7.62 | 8.37 | 8.21 | 1.11 | down | 5.62E-01 | 8.95E-01 | - | - | |
| 139577 | Smc9p | SMO/heterin specific peptidase family member 8 | 316723 | Rn.146723 | BF22647 | 2.47 | 2.47 | 2.46 | 2.46 | 2.47 | 2.46 | 1.11 | down | 3.91E-01 | 8.95E-01 | - | - | |
| 139578 | --- | --- | --- | Rn.691849 | A123521 | 6.38 | 6.82 | 5.91 | 6.47 | 6.24 | 6.85 | 1.11 | up | 8.65E-01 | 8.95E-01 | - | - | |
| 139579 | --- | --- | --- | Rn.25508 | AW53439 | 7.84 | 7.13 | 7.00 | 7.93 | 6.85 | 7.65 | 1.11 | up | 7.38E-01 | 9.16E-01 | - | - | |
| 139580 | --- | --- | --- | Rn.3287 | A122039 | 4.96 | 5.03 | 4.97 | 5.51 | 4.93 | 4.99 | 1.11 | down | 8.29E-01 | 8.95E-01 | - | - | |
| 139581 | --- | --- | --- | Rn.163240 | BF39748 | 3.75 | 3.73 | 4.56 | 4.38 | 4.14 | 3.97 | 1.11 | up | 6.44E-01 | 8.95E-01 | - | - | |
| 139582 | --- | --- | --- | Rn.169986 | AW53251 | 2.61 | 3.02 | 2.62 | 2.60 | 2.61 | 2.59 | 1.11 | down | 3.36E-01 | 8.95E-01 | - | - | |
| 139583 | --- | --- | --- | Rn.210926 | BF40205 | 7.22 | 7.54 | 2.41 | 2.59 | 2.40 | 2.38 | 1.11 | up | 5.07E-01 | 8.95E-01 | - | - | |
| 139584 | --- | --- | --- | Rn.185211 | BM31371 | 6.47 | 6.23 | 6.64 | 6.41 | 6.47 | 6.90 | 1.11 | up | 4.91E-01 | 8.95E-01 | - | - | |
| 139585 | --- | --- | --- | Rn.161093 | BF39929 | 5.28 | 6.61 | 5.05 | 6.04 | 6.70 | 6.69 | 1.11 | up | 6.63E-01 | 8.95E-01 | - | - | |
| 139586 | --- | --- | --- | Rn.45446 | B128928 | 7.58 | 7.64 | 7.65 | 7.50 | 7.64 | 8.08 | 1.11 | up | 4.38E-01 | 8.95E-01 | - | - | |
| 139587 | Gslp2p | gametogonin binding protein 2 | 360584 | AA00750 | 10.38 | 10.63 | 9.73 | 10.38 | 10.42 | 10.40 | 1.11 | up | 6.10E-01 | 8.95E-01 | - | - | | |
| 139588 | --- | --- | --- | Rn.207126 | BF403970 | 2.72 | 2.47 | 2.75 | 2.46 | 2.56 | 2.47 | 1.11 | down | 1.94E-01 | 8.95E-01 | - | - | |
| 139589 | --- | --- | --- | Rn.107527 | BE107527 | 2.50 | 2.87 | 2.50 | 2.49 | 2.49 | 2.44 | 1.11 | down | 2.94E-01 | 8.95E-01 | - | - | |
| 139590 | --- | --- | --- | Rn.202208 | A15534 | 7.89 | 7.89 | 6.58 | 7.24 | 7.62 | 7.94 | 1.11 | up | 1.74E-01 | 9.26E-01 | - | - | |
| 139591 | --- | --- | --- | Rn.19338 | BF21041 | 2.89 | 2.47 | 2.46 | 2.43 | 2.46 | 2.43 | 1.11 | down | 3.75E-01 | 8.95E-01 | - | - | |
| 139592 | --- | --- | --- | Rn.21060 | A059229 | 5.78 | 4.89 | 3.66 | 4.86 | 4.67 | 5.04 | 1.11 | up | 8.23E-01 | 9.43E-01 | - | - | |
| 139593 | --- | --- | --- | Rn.98988 | BC098869 | 5.20 | 3.74 | 2.72 | 3.68 | 4.20 | 4.24 | 1.11 | up | 8.51E-01 | 9.54E-01 | - | - | |
| 139594 | --- | --- | --- | Rn.11187 | A052234 | 4.16 | 3.41 | 3.57 | 3.56 | 3.63 | 3.51 | 1.11 | down | 5.52E-01 | 8.95E-01 | - | - | |
| 139595 | --- | --- | --- | Rn.19908 | A101194 | 4.04 | 3.74 | 2.79 | 2.99 | 3.37 | 3.75 | 1.11 | up | 7.50E-01 | 9.19E-01 | - | - | |
| 139596 | --- | --- | --- | Rn.149024 | A118970 | 2.65 | 2.94 | 2.64 | 3.23 | 2.85 | 2.69 | 1.11 | up | 5.46E-01 | 8.95E-01 | - | - | |
| 139597 | --- | --- | --- | Rn.107838 | BF389776 | 3.16 | 2.65 | 2.71 | 2.78 | 2.67 | 2.62 | 1.11 | down | 4.27E-01 | 8.95E-01 | - | - | |
| 139598 | --- | --- | --- | Rn.210335 | BF407073 | 2.40 | 2.37 | 2.41 | 2.38 | 2.73 | 2.52 | 1.11 | up | 2.22E-01 | 8.95E-01 | - | - | |
| 139599 | --- | --- | --- | Rn.207975 | AA020376 | 7.25 | 7.35 | 8.42 | 8.07 | 7.91 | 7.78 | 1.11 | down | 7.35E-01 | 8.95E-01 | - | - | |
| 139600 | --- | --- | --- | Rn.8839 | AA11239 | 7.87 | 8.16 | 8.21 | 7.58 | 8.17 | 8.04 | 1.11 | down | 5.17E-01 | 8.95E-01 | - | - | |
| 139601 | --- | --- | --- | Rn.114569 | AA020376 | 3.26 | 3.21 | 3.26 | 3.26 | 3.21 | 3.26 | 1.11 | down | 2.11E-01 | 8.95E-01 | - | - | |
| 139602 | --- | --- | --- | Rn.16178 | A156803 | 2.85 | 2.84 | 2.33 | 2.86 | 2.81 | 2.81 | 1.11 | up | 4.41E-01 | 8.95E-01 | - | - | |
| 139603 | --- | --- | --- | Rn.169586 | BF418830 | 2.97 | 3.23 | 3.43 | 3.19 | 3.26 | 3.62 | 1.11 | up | 4.75E-01 | 8.95E-01 | - | - | |
| 139604 | --- | --- | --- | Rn.444296 | BF39929 | 3.96 | 3.96 | 3.96 | 3.96 | 3.96 | 3.96 | 1.11 | down | 7.27E-01 | 8.95E-01 | - | - | |
| 139605 | --- | --- | --- | Rn.21717 | BM39355 | 2.46 | 2.44 | 2.49 | 2.43 | 2.40 | 2.41 | 1.11 | up | 4.84E-01 | 8.95E-01 | - | - | |
| 139606 | --- | --- | --- | Rn.141699 | A117119 | 2.98 | 2.98 | 3.15 | 2.97 | 3.13 | 3.14 | 1.11 | down | 7.12E-01 | 8.95E-01 | - | - | |
| 139607 | --- | --- | --- | Rn.204847 | BE11401 | 2.98 | 4.41 | 2.97 | 3.00 | 3.69 | 4.30 | 1.11 | up | 6.35E-01 | 9.48E-01 | - | - | |
| 139608 | --- | --- | --- | Rn.32887 | AA595937 | 7.50 | 7.91 | 7.27 | 8.10 | 8.30 | 7.84 | 1.11 | down | 8.14E-01 | 9.40E-01 | - | - | |
| 139609 | --- | --- | --- | Rn.134484 | BE10649 | 2.70 | 4.47 | 4.15 | 4.15 | 4.15 | 4.15 | 1.11 | down | 8.05E-01 | 9.46E-01 | - | - | |
| 139610 | --- | --- | --- | Rn.220047 | A151408 | 2.83 | 3.07 | 2.56 | 2.83 | 3.16 | 3.51 | 1.11 | up | 7.21E-01 | 9.11E-01 | - | - | |
| 139611 | --- | --- | --- | Rn.139718 | BM31000 | 2.79 | 2.78 | 2.79 | 2.51 | 2.79 | 3.00 | 1.11 | up | 6.43E-01 | 8.95E-01 | - | - | |
| 139612 | --- | --- | --- | Rn.161792 | A386 | 3.31 | 3.39 | 3.77 | 3.31 | 3.39 | 3.77 | 1.11 | down | 2.46E-01 | 8.95E-01 | - | - | |
| 139613 | --- | --- | --- | Rn.28371 | BF420276 | 4.06 | 4.27 | 4.05 | 4.05 | 4.00 | 3.90 | 1.11 | down | 1.55E-01 | 8.95E-01 | - | - | |
| 139614 | --- | --- | --- | Rn.51103 | BF08289 | 7.22 | 7.02 | 7.12 | 7.16 | 6.80 | 6.74 | 1.11 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 139615 | --- | --- | --- | Rn.105339 | BM12338 | 3.78 | 3.88 | 3.69 | 3.61 | 3.69 | 3.62 | 1.11 | down | 6.94E-02 | 8.95E-01 | - | - | |
| 139616 | --- | --- | --- | Rn.162432 | IB28940 | 2.63 | 2.72 | 2.56 | 2.63 | 2.66 | 2.74 | 1.11 | up | 2.56E-01 | 8.95E-01 | - | - | |
| 139617 | --- | --- | --- | Rn.105472 | BM12338 | 2.58 | 2.40 | 2.55 | 2.58 | 2.40 | 2.38 | 1.11 | down | 3.11E-01 | 8.95E-01 | - | - | |
| 139618 | --- | --- | --- | Rn.5812 | BM37423 | 9.35 | 9.56 | 9.14 | 9.45 | 8.99 | 9.15 | 1.11 | down | 4.00E-01 | 8.95E-01 | - | - | |
| 139619 | --- | --- | --- | Rn.40969 | BF39929 | 3.60 | 3.44 | 3.33 | 3.48 | 3.40 | 3.40 | 1.11 | up | 6.38E-01 | 9.05E-01 | - | - | |
| 139620 | --- | --- | --- | Rn.17949 | BF41127 | 2.39 | 2.38 | 2.40 | 2.85 | 2.40 | 2.27 | 1.11 | up | 3.95E-01 | 8.95E-01 | - | - | |
| 139621 | --- | --- | --- | Rn.14560 | BF553130 | 5.64 | 3.14 | 2.93 | 3.13 | 4.49 | 3.65 | 1.11 | down | 8.95E-01 | 9.84E-01 | - | - | |
| 139622 | --- | --- | --- | Rn.71210 | BF39786 | 3.67 | 4.03 | 3.05 | 4.03 | 4.04 | 3.75 | 1.11 | down | 7.70E-01 | 9.28E-01 | - | - | |
| 139623 | --- | --- | --- | Rn.178186 | BMW21309 | 3.68 | 3.23 | 3.43 | 3.29 | 3.35 | 3.26 | 1.11 | down | 3.32E-01 | 8.95E-01 | - | - | |
| 139624 | --- | --- | --- | Rn.6243 | IB29023 | 2.37 | 2.39 | 2.37 | 2.38 | 2.25 | 2.28 | 1.11 | up | 1.70E-01 | 8.95E-01 | - | - | |
| 139625 | --- | --- | --- | Rn.201491 | BE11375 | 3.35 | 3.65 | 3.36 | 3.39 | 3.39 | 3.39 | 1.11 | down | 3.39E-01 | 8.95E-01 | - | - | |
| 139626 | --- | --- | --- | Rn.18925 | AA25542 | 2.56 | 2.67 | 2.54 | 2.97 | 2.76 | 2.88 | 1.11 | up | 3.77E-01 | 8.95E-01 | - | - | |
| 139627 | --- | --- | --- | Rn.17808 | BF39929 | 2.94 | 2.98 | 2.99 | 3.24 | 3.50 | 2.86 | 1.11 | up | 4.45E-01 | 8.95E-01 | - | - | |
| 139628 | --- | --- | --- | Rn.202325 | A101451 | 11.83 | 11.61 | 11.87 | 11.90 | 12.01 | 11.84 | 1.11 | up | 2.01E-01 | 8.95E-01 | - | - | |
| 139629 | --- | --- | --- | Rn.165471 | AA98060 | 6.22 | 6.74 | 6.81 | 6.27 | 6.73 | 6.73 | 1.11 | down | 4.12E-01 | 8.95E-01 | - | - | |
| 139630 | --- | --- | --- | Rn.19180 | BM31000 | 9.17 | 9.16 | 9.58 | 9.58 | 9.16 | 9.16 | 1.11 | down | 8.14E-01 | 9.54E-01 | - | - | |
| 139631 | --- | --- | --- | Rn.164554 | A411375 | 6.65 | 7.54 | 7.50 | 7.00 | 7.64 | 7.49 | 1.11 | up | 6.95E-01 | 9.06E-01 | - | - | |
| 139632 | --- | --- | --- | Rn.7630 | AA94502 | 3.47 | 4.07 | 4.30 | 4.50 | 3.65 | 5.25 | 1.11 | down | 8.88E-01 | 9.85E-01 | - | - | |
| 139633 | --- | --- | --- | Rn.65947 | NM_028449 | 8.72 | 8.34 | 8.36 | 8.19 | 8.30 | 8.10 | 1.11 | down | 6.46E-01 | 8.95E-01 | - | - | |
| 139634 | --- | --- | --- | Rn.161128 | IB28786 | 2.35 | 3.19 | 2.55 | 2.55 | 2.55 | 2.54 | 1.11 | down | 5.95E-01 | 8.9 | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | FC/MS/MS | Resonance | Unpaired t-Test vs. CH1 (p-value) | REG | MTC | |
|-------------|-------------|---|---------|------------|-----------|-------------------------|------------|------------|------------|------------|----------|-----------|-----------------------------------|----------|----------|-----|
| | | | | | | SEPS (CH1) | SEPA (CH1) | SEP2 (CH1) | SEPS (CSA) | SEPA (CSA) | | | | | | |
| 138668_a_at | --- | --- | --- | --- | --- | 2.97 | 2.97 | 2.97 | 2.97 | 2.97 | 1.11 | down | 6.56E-01 | 8.98E-01 | --- | |
| 137193_at | Tmem9 | transmembrane protein 9 | 295046 | Rn.2747 | AA043122 | 4.56 | 5.23 | 6.01 | 4.94 | 4.85 | 5.57 | 1.11 | down | 7.78E-01 | 9.28E-01 | --- |
| 138778_at | Mb | myoglobin | 59108 | Rn.40511 | NM_021588 | 7.59 | 8.94 | 8.35 | 7.82 | 7.59 | 8.11 | 1.11 | down | 3.54E-01 | 8.95E-01 | --- |
| 139735_at | --- | --- | --- | --- | --- | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.11 | down | 1.32E-01 | 8.95E-01 | --- |
| 139663_at | Dek | DEK oncogene | 300817 | Rn.25099 | A070244 | 11.02 | 11.32 | 10.74 | 11.28 | 11.07 | 11.17 | 1.11 | down | 4.83E-01 | 8.95E-01 | --- |
| 138185_at | Qsox2 | 2-oxoisinate phosphoribosyltransferase | 177302 | Rn.177302 | A070290 | 3.29 | 2.72 | 2.74 | 2.76 | 2.77 | 2.80 | 1.11 | down | 4.84E-01 | 8.95E-01 | --- |
| 137272_at | Cav1 | caveolin 1, caveolin protein | 25404 | Rn.22518 | AW91573 | 2.74 | 2.38 | 2.48 | 2.39 | 2.39 | 2.38 | 1.11 | down | 2.58E-01 | 8.95E-01 | --- |
| 138583_at | Piog1 | phospholipase C, gamma 1 | 25738 | Rn.11243 | NM_013187 | 8.50 | 7.89 | 8.08 | 8.33 | 8.20 | 8.36 | 1.10 | down | 7.91E-01 | 8.95E-01 | --- |
| 137021_at | Tm6b | IRNA methyltransferase 6 homolog (S. cerevisiae) | 311441 | Rn.8742 | B030998 | 6.47 | 6.40 | 6.27 | 6.16 | 6.25 | 6.30 | 1.10 | down | 1.14E-01 | 8.95E-01 | --- |
| 139430_at | --- | --- | --- | --- | --- | 2.59 | 2.57 | 2.29 | 2.71 | 2.60 | 2.57 | 1.10 | up | 2.48E-01 | 8.95E-01 | --- |
| 138189_at | --- | --- | --- | --- | --- | 2.54 | 2.49 | 2.54 | 2.53 | 2.52 | 2.55 | 1.10 | up | 3.71E-01 | 8.95E-01 | --- |
| 137039_at | Wdr6 | WD repeat domain 6 | 301007 | Rn.164872 | B029197 | 8.01 | 7.67 | 7.67 | 7.40 | 7.85 | 7.68 | 1.10 | down | 4.54E-01 | 8.95E-01 | --- |
| 137059_at | Znf503 | Zinc finger protein 503 | 371329 | Rn.371329 | A059442 | 2.38 | 2.37 | 2.38 | 2.70 | 2.50 | 2.35 | 1.10 | up | 2.34E-01 | 8.95E-01 | --- |
| 138286_at | --- | --- | --- | --- | --- | 4.08 | 4.93 | 5.47 | 4.46 | 3.98 | 5.61 | 1.10 | down | 8.31E-01 | 9.47E-01 | --- |
| 138285_at | Wdr1 | WD repeat domain 1 | 301007 | Rn.121156 | BE100329 | 4.08 | 4.93 | 5.47 | 4.46 | 3.98 | 5.61 | 1.10 | down | 8.31E-01 | 9.47E-01 | --- |
| 1371642_at | E4f42 | eukaryotic translation initiation factor 4A2 | 303831 | Rn.143972 | A0189170 | 10.26 | 10.56 | 10.51 | 10.23 | 10.37 | 10.30 | 1.10 | down | 2.24E-01 | 8.95E-01 | --- |
| 1381622_at | Scca11 | solute carrier family 5 (sodium/glucose cotransporter), member 11 | 228284 | Rn.112669 | B0377720 | 7.15 | 8.20 | 8.74 | 7.46 | 8.29 | 7.90 | 1.10 | down | 7.97E-01 | 9.34E-01 | --- |
| 1372493_at | Cdc23 | coiled-coil domain containing 23 | 362579 | Rn.2954 | A010282 | 3.63 | 3.62 | 3.64 | 3.62 | 4.08 | 3.61 | 1.10 | up | 4.04E-01 | 8.95E-01 | --- |
| 1381278_at | Cdc34 | cell division cycle 34 homolog (S. cerevisiae) | 296602 | Rn.2427 | L38482 | 2.62 | 2.64 | 2.34 | 2.58 | 2.50 | 2.96 | 1.10 | up | 4.44E-01 | 8.95E-01 | --- |
| 1381548_at | Gom4 | glycyl integral membrane protein 4 | 310529 | Rn.2438 | BF308783 | 8.14 | 7.58 | 6.89 | 8.02 | 7.62 | 7.40 | 1.10 | up | 7.41E-01 | 9.16E-01 | --- |
| 1389145_at | Csp107 | 10 protein-coupled receptor or mixed-lineage leukemia protein 3 homolog (Hs) | 311857 | Rn.188447 | BF140891 | 4.82 | 5.28 | 4.74 | 5.33 | 4.52 | 5.23 | 1.10 | up | 4.88E-01 | 8.95E-01 | --- |
| 1374074_at | Cdc37l1 | cell division cycle 37 homolog (S. cerevisiae) like 1 | 293886 | Rn.60570 | BF285292 | 4.80 | 4.20 | 4.82 | 4.43 | 4.48 | 4.51 | 1.10 | down | 5.20E-01 | 8.95E-01 | --- |
| 1382267_at | --- | --- | --- | --- | --- | 2.68 | 2.47 | 2.58 | 2.35 | 2.72 | 2.52 | 1.10 | up | 4.88E-01 | 8.95E-01 | --- |
| 138290_at | --- | --- | --- | --- | --- | 6.48 | 6.23 | 5.38 | 6.45 | 4.89 | 6.31 | 1.10 | down | 8.22E-01 | 9.43E-01 | --- |
| 1392951_at | Abp5t1 | ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide, argonin identified by monoclonal antibody K6-67 | 116550 | Rn.63599 | BF398279 | 9.07 | 6.97 | 5.70 | 8.05 | 7.42 | 6.70 | 1.10 | up | 8.96E-01 | 9.68E-01 | --- |
| 1374775_at | Mt87 | --- | 291234 | Rn.73551 | A074002 | 3.02 | 4.29 | 3.18 | 4.34 | 3.68 | 3.11 | 1.10 | up | 8.03E-01 | 9.37E-01 | --- |
| 1392954_at | Wdr2 | WW domain binding protein 2 | 192645 | Rn.189820 | A010305 | 7.13 | 7.21 | 6.45 | 7.50 | 6.75 | 6.97 | 1.10 | up | 6.83E-01 | 9.03E-01 | --- |
| 1372223_at | Cpeb4 | cytoplasmic polyadenylation element binding protein 4 | 303010 | Rn.212620 | B0374299 | 10.11 | 10.28 | 10.38 | 10.75 | 10.27 | 10.18 | 1.10 | up | 5.00E-01 | 8.95E-01 | --- |
| 1381816_at | Sap19 | SAP3-associated polypeptide 19 | 290287 | Rn.74733 | A085740 | 3.00 | 3.40 | 3.68 | 3.05 | 3.14 | 3.35 | 1.10 | down | 4.96E-01 | 8.95E-01 | --- |
| 1378453_at | --- | --- | --- | --- | --- | 2.64 | 3.13 | 3.03 | 3.16 | 3.75 | 3.31 | 1.10 | up | 7.62E-01 | 9.22E-01 | --- |
| 1392790_at | Cnab1 | cytokeratin-NOT transcription complex, subunit 6-like | 366117 | Rn.30638 | A026938 | 4.59 | 4.59 | 4.52 | 4.51 | 4.52 | 4.51 | 1.10 | up | 7.55E-01 | 8.95E-01 | --- |
| 1398378_at | Gsk1 | glutathione S-transferase kappa 1 | 297029 | Rn.100452 | A0231779 | 8.72 | 8.48 | 7.83 | 7.99 | 8.02 | 8.37 | 1.10 | down | 7.04E-01 | 9.07E-01 | --- |
| 1370933_at | --- | --- | --- | --- | --- | 9.27 | 9.26 | 9.66 | 9.19 | 9.27 | 9.30 | 1.10 | down | 3.49E-01 | 8.95E-01 | --- |
| 1394788_at | --- | --- | --- | --- | --- | 2.77 | 2.35 | 2.36 | 2.35 | 2.36 | 2.36 | 1.10 | down | 8.22E-01 | 9.07E-01 | --- |
| 1371959_at | LOC50911 | similar to H2A histone family, member D | 690131 | Rn.110508 | A0232638 | 7.40 | 7.42 | 6.19 | 7.64 | 7.64 | 7.30 | 1.10 | up | 6.39E-01 | 8.95E-01 | --- |
| 1389899_at | Cit | cytochrome c | 164621 | Rn.164621 | NM_022626 | 2.81 | 4.04 | 4.68 | 2.81 | 4.68 | 2.81 | 1.10 | down | 6.49E-01 | 8.95E-01 | --- |
| 1387317_at | Avp | arginine vasopressin | 24221 | Rn.9976 | NM_016992 | 2.49 | 2.56 | 2.57 | 2.85 | 2.69 | 2.51 | 1.10 | up | 2.28E-01 | 8.95E-01 | --- |
| 1383464_at | Pex19 | peroxisomal biogenesis factor 19 | 289233 | Rn.203104 | AW101817 | 4.57 | 4.83 | 4.76 | 4.72 | 4.18 | 4.82 | 1.10 | down | 5.40E-01 | 8.95E-01 | --- |
| 1397483_at | --- | --- | --- | --- | --- | 2.40 | 2.62 | 2.40 | 2.62 | 2.63 | 2.40 | 1.10 | down | 5.40E-01 | 8.95E-01 | --- |
| 1392462_at | --- | --- | --- | --- | --- | 8.12 | 8.71 | 8.95 | 8.75 | 8.54 | 8.92 | 1.10 | up | 6.23E-01 | 8.95E-01 | --- |
| 1390046_at | Tubg2 | tubulin, gamma class associated protein 2 | 300698 | Rn.136249 | B028110 | 2.42 | 2.42 | 2.43 | 2.54 | 2.42 | 2.74 | 1.10 | up | 1.92E-01 | 8.95E-01 | --- |
| 1372340_at | Eaa2 | ethylmalic acid synthase 2, mitochondrial (putative) | 316141 | Rn.79288 | BF165102 | 4.18 | 4.18 | 4.11 | 3.73 | 3.28 | 4.56 | 1.10 | down | 8.03E-01 | 8.95E-01 | --- |
| 1372340_at | MEK3 | mitogen-activated protein kinase 3 | 303010 | Rn.1752 | BM38355 | 8.68 | 8.43 | 8.75 | 8.29 | 8.86 | 8.27 | 1.10 | down | 5.44E-01 | 8.95E-01 | --- |
| 138818_at | Flwv5 | F-box and WD repeat domain containing 5 | 362081 | Rn.15952 | A073954 | 6.69 | 6.50 | 6.44 | 6.88 | 6.19 | 6.14 | 1.10 | down | 5.88E-01 | 8.95E-01 | --- |
| 1376720_at | Adck2 | adrenoleukodystrophy associated protein 2 | 312258 | Rn.3735 | B0378414 | 3.18 | 2.92 | 2.99 | 2.94 | 3.14 | 3.45 | 1.10 | up | 4.41E-01 | 8.95E-01 | --- |
| 1386971_at | --- | --- | --- | --- | --- | 4.13 | 2.65 | 2.69 | 3.95 | 2.86 | 2.96 | 1.10 | down | 5.40E-01 | 8.95E-01 | --- |
| 1371836_at | Rab5c | RAB5C, member RAS oncogene family | 287709 | Rn.222014 | H52323 | 5.99 | 6.01 | 6.61 | 5.67 | 6.43 | 6.08 | 1.10 | down | 6.59E-01 | 8.98E-01 | --- |
| 1370240_at | H2-Ea | histone H2-Ea | 294289 | Rn.103149 | B0378414 | 5.18 | 5.18 | 5.19 | 5.19 | 5.19 | 5.19 | 1.10 | down | 6.00E-01 | 8.95E-01 | --- |
| 1387700_at | Zfp36 | Zinc finger protein 36 | 379426 | Rn.82737 | A025017 | 9.55 | 8.87 | 8.46 | 10.15 | 9.46 | 9.72 | 1.10 | down | 6.65E-01 | 8.98E-01 | --- |
| 1393067_at | Tex | TEK tyrosine kinase, endothelial | 69804 | Rn.9159 | A071093 | 4.20 | 4.20 | 4.20 | 4.63 | 4.20 | 4.19 | 1.10 | up | 3.82E-01 | 8.95E-01 | --- |
| 1382858_at | LOC502271 | similar to Nucleoside diphosphate kinase-binding leukemia protein 3 homolog (Hs) | 502710 | Rn.164640 | A0070293 | 4.50 | 5.33 | 5.51 | 5.40 | 5.51 | 5.51 | 1.10 | down | 5.50E-01 | 8.95E-01 | --- |
| 1386889_at | Alp1 | alkaline phosphatase 1, cytosolic | 83611 | Rn.6824 | NM_031781 | 4.24 | 4.24 | 3.99 | 4.10 | 3.92 | 4.01 | 1.10 | down | 2.19E-01 | 8.95E-01 | --- |
| 1390973_at | Sluc2 | guanylate cyclase 1, soluble, beta 2 | 25202 | Rn.87228 | NM_012769 | 3.01 | 3.15 | 3.03 | 4.20 | 3.02 | 2.40 | 1.10 | up | 8.01E-01 | 9.36E-01 | --- |
| 1389697_at | Glyc2 | glycyl binding protein 2 | 181804 | Rn.107121 | B0378414 | 4.25 | 4.84 | 4.20 | 4.64 | 4.30 | 4.78 | 1.10 | up | 5.99E-01 | 8.95E-01 | --- |
| 1374205_at | RDG1507357 | similar to hypothetical protein DKPZ434A1319 | 291915 | Rn.1001118 | B028110 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 1.10 | up | 2.60E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | leukemia inhibitory factor receptor alpha | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1373476_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 1382628_at | LOC500251 | hypothetical protein LOC500251 | 500251 | Rn.154952 | NM_013148 | 6.36 | 6.74 | 6.89 | 6.49 | 6.51 | 6.56 | 1.10 | down | 6.04E-01 | 8.95E-01 | --- |
| 13826 | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FCRAhouse | Residual | Unpaired t-test (Sig vs Ctrl) | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|-----------------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-------------------------------|----------|-----|
| | | | | | | SEPS (Ctrl) | SEPA (Ctrl) | SEPB (Ctrl) | SEPC (Ctrl) | SEPD (Ctrl) | SEPE (Ctrl) | | | | | |
| 1369667_at | Vps25 | vacuolar protein sorting 52 homolog (S. cerevisiae) | 25218 | Rn.115354 | NM_033097 | 5.48 | 4.24 | 4.69 | 4.88 | 4.75 | 4.57 | 1.10 | down | 7.32E-01 | 9.14E-01 | |
| 1392532_at | Kfz2 | Kreinin family member 2A | 84391 | Rn.121992 | AI140443 | 3.70 | 2.73 | 3.08 | 3.03 | 3.03 | 3.03 | 1.10 | down | 6.64E-01 | 8.99E-01 | |
| 1376916_at | Znfx2 | Znfx2 and S15 domain containing 2 | 83129 | Rn.301119 | AW523163 | 5.13 | 4.72 | 4.89 | 5.13 | 5.04 | 4.72 | 1.10 | down | 8.42E-01 | 9.52E-01 | |
| 1383942_at | Kfz1 | fast storage-inducible transmembrane protein 2 | 131617 | Rn.107822 | BI289554 | 6.92 | 7.17 | 7.37 | 7.70 | 6.90 | 7.21 | 1.10 | up | 6.42E-01 | 8.95E-01 | |
| 1385950_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 3.47E-01 | 6.25E-01 | |
| 1385757_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 5.58E-01 | 8.95E-01 | |
| 1390731_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 8.66E-01 | 9.55E-01 | |
| 1374319_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 8.75E-01 | 9.55E-01 | |
| 1383542_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 4.41E-01 | 8.95E-01 | |
| 1381948_at | Prp2 | Protein kinase P2 | 85421 | Rn.144889 | BI28227 | 2.27 | 2.27 | 2.55 | 2.27 | 2.54 | 2.10 | 1.10 | down | 2.22E-01 | 8.62E-01 | |
| 1392941_at | Hsp1 | huntingtin interacting protein 1 | 192154 | Rn.636 | BI103748 | 2.44 | 2.44 | 2.45 | 2.44 | 2.45 | 2.84 | 1.10 | down | 3.66E-01 | 8.95E-01 | |
| 1386659_at | Agx2 | alanine-glyoxylate aminotransferase 2 | 83784 | Rn.1874 | D38100 | 12.40 | 12.39 | 12.46 | 12.25 | 12.27 | 12.32 | 1.10 | down | 1.37E-02 | 8.95E-01 | |
| 1385654_at | Foxq1 | Forkhead box Q1 | 64826 | Rn.10101 | A070944 | 3.82 | 4.64 | 8.20 | 4.33 | 5.47 | 5.25 | 1.10 | up | 8.72E-01 | 9.00E-01 | |
| 1372626_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 7.43E-01 | 9.17E-01 | |
| 1382225_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 3.56E-01 | 8.95E-01 | |
| 1393191_at | RGD1566099 | similar to novel protein | 360851 | Rn.203828 | BF427692 | 3.07 | 2.78 | 2.94 | 2.79 | 2.80 | 2.74 | 1.10 | down | 1.08E-01 | 8.95E-01 | |
| 1387919_at | Mfn2 | mitofusin 2 | 64476 | Rn.8070 | U41803 | 6.19 | 7.53 | 7.24 | 7.31 | 6.73 | 7.32 | 1.10 | up | 7.82E-01 | 9.29E-01 | |
| 1375719_at | Nup93 | nucleoporin 93kDa | 291874 | Rn.131413 | BI28395 | 2.32 | 2.54 | 2.56 | 2.32 | 2.55 | 2.54 | 1.10 | up | 3.37E-01 | 8.95E-01 | |
| 1369502_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 3.88E-01 | 8.95E-01 | |
| 1372889_at | Tmem103 | transmembrane protein 103 | 363150 | Rn.36164 | BC381479 | 3.09 | 3.41 | 3.11 | 3.08 | 3.09 | 3.03 | 1.10 | down | 2.72E-01 | 8.95E-01 | |
| 1392181_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 8.87E-01 | 9.55E-01 | |
| 1392718_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 5.37E-01 | 8.95E-01 | |
| 1379544_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 5.86E-01 | 8.95E-01 | |
| 1392747_at | Eln1 | EGF, latrophilin and seven transmembrane domain containing 1 | 64124 | Rn.8731 | NM_022294 | 2.89 | 3.11 | 3.25 | 2.84 | 2.82 | 2.82 | 1.10 | down | 1.77E-01 | 8.95E-01 | |
| 1371371_at | Ndu5f4 | NADH dehydrogenase (ubiquinone) beta subcomplex 4 | 288088 | Rn.98986 | AW443441 | 9.89 | 10.00 | 9.80 | 9.85 | 10.07 | 10.17 | 1.10 | up | 2.98E-01 | 8.95E-01 | |
| 1378855_at | CuZf2 | chromosome (C-C motif) ligand 27 | 362505 | Rn.78271 | A058997 | 3.65 | 3.97 | 3.92 | 3.96 | 3.99 | 3.98 | 1.10 | up | 6.50E-01 | 8.95E-01 | |
| 1393974_at | Mexc1 | mesenchyme homeobox 1 | 363684 | Rn.149759 | AG646445 | 2.67 | 3.00 | 2.74 | 2.66 | 2.75 | 2.60 | 1.10 | down | 2.86E-01 | 8.95E-01 | |
| 1397407_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 4.01E-01 | 8.95E-01 | |
| 1393399_at | Lmo2 | lmo2 | 316737 | Rn.203828 | BF427692 | 3.05 | 2.88 | 3.05 | 2.79 | 2.89 | 2.98 | 1.10 | down | 1.08E-01 | 8.95E-01 | |
| 1371855_at | Prcv2 | proline-rich nuclear receptor coactivator 2 | 101025733 | Rn.118788 | A040841 | 7.64 | 7.61 | 7.58 | 7.04 | 7.69 | 7.69 | 1.10 | down | 5.72E-01 | 8.95E-01 | |
| 1372684_at | Cxcl16 | chemokine (C-X-C motif) ligand 16 | 407942 | Rn.7070 | BC263835 | 9.06 | 8.27 | 8.78 | 8.35 | 9.17 | 8.17 | 1.10 | down | 7.46E-01 | 9.18E-01 | |
| 1376054_at | RGD1362900 | Similar to CDNA sequence BC024479 | 360845 | Rn.726945 | CX8612 | 3.25 | 3.29 | 3.16 | 3.96 | 3.35 | 2.96 | 1.10 | down | 8.86E-01 | 9.55E-01 | |
| 1376241_at | Sll1 | Sll1 homolog, endoplasmic reticulum chaperone (S. cerevisiae) | 291673 | Rn.103851 | BM387357 | 6.76 | 7.02 | 6.87 | 6.60 | 7.10 | 7.35 | 1.10 | up | 5.94E-01 | 8.95E-01 | |
| 1370261_at | Hsc45 | heat shock 45 kDa protein | 7524 | Rn.84655 | BI28455 | 6.59 | 6.18 | 6.57 | 6.18 | 6.57 | 6.02 | 1.10 | down | 4.02E-01 | 8.95E-01 | |
| 1375151_at | Apoc2 | apolipoprotein B2, subunit 2 | 301511 | Rn.93317 | AI200973 | 10.03 | 10.09 | 10.19 | 9.71 | 9.87 | 10.32 | 1.10 | down | 5.18E-01 | 8.95E-01 | |
| 1376037_at | Snx24 | sorting nexin 24 | 301328 | Rn.204247 | BF294123 | 4.65 | 5.29 | 5.28 | 5.51 | 5.07 | 5.03 | 1.10 | up | 6.36E-01 | 8.95E-01 | |
| 1386591_at | Uvac | 2999 alpha v | 298456 | Rn.233339 | AW141214 | 7.42 | 7.22 | 7.19 | 7.11 | 6.89 | 7.29 | 1.10 | down | 6.37E-01 | 8.95E-01 | |
| 1373717_at | Chuk | conserved helix-loop-helix ubiquitous kinase | 306361 | Rn.23019 | BC671501 | 8.70 | 8.47 | 8.64 | 8.31 | 8.28 | 8.81 | 1.10 | down | 5.11E-01 | 8.95E-01 | |
| 1378934_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 5.21E-01 | 8.95E-01 | |
| 1384284_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 6.72E-01 | 9.01E-01 | |
| 1376698_at | Sic15a29 | solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 29 | 303676 | Rn.198914 | AA817715 | 3.01 | 3.00 | 3.02 | 3.16 | 2.78 | 3.49 | 1.10 | up | 5.53E-01 | 8.95E-01 | |
| 1373733_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 2.47E-01 | 8.95E-01 | |
| 1374905_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 7.10E-01 | 9.09E-01 | |
| 1378424_at | Wsl1 | Wiskott-Aldrich syndrome-like 1 | 682697 | Rn.36748 | BM387018 | 6.27 | 7.02 | 5.53 | 6.54 | 5.55 | 7.12 | 1.10 | up | 8.42E-01 | 9.51E-01 | |
| 1386861_at | Sarb1 | Sarb1 homolog (S. cerevisiae) | 872776 | Rn.36748 | A110264 | 8.05 | 8.99 | 8.40 | 8.15 | 8.28 | 8.99 | 1.10 | down | 2.95E-01 | 8.95E-01 | |
| 1379648_at | LOC500974 | Similar to CDNA sequence BC024479 | 500974 | Rn.96035 | A225747 | 4.07 | 4.31 | 5.00 | 4.38 | 5.06 | 3.53 | 1.10 | down | 8.11E-01 | 9.39E-01 | |
| 1371367_at | Tadp1 | transmembrane protein 1 | 298648 | Rn.152910 | BI28395 | 2.32 | 2.54 | 2.56 | 2.32 | 2.55 | 2.54 | 1.10 | down | 7.85E-01 | 9.55E-01 | |
| 1368604_at | Dbn1 | debrin 1 | 61653 | Rn.11247 | NM_031024 | 2.46 | 2.45 | 2.47 | 2.67 | 2.46 | 2.45 | 1.10 | up | 3.84E-01 | 8.95E-01 | |
| 1381224_at | LOC519396 | similar to Zinc finger protein 551 (Zinc finger protein K0X23) | 691396 | Rn.38959 | AJ052081 | 3.87 | 4.54 | 4.07 | 4.06 | 4.01 | 4.81 | 1.10 | up | 7.05E-01 | 9.08E-01 | |
| 1374749_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 8.86E-01 | 9.55E-01 | |
| 1393512_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 2.08E-01 | 8.95E-01 | |
| 1388549_at | Maz | MYC-associated zinc finger protein (purine-binding transcription factor) | 691842 | Rn.19212 | AA857880 | 2.85 | 2.77 | 2.66 | 2.76 | 2.59 | 2.53 | 1.10 | down | 2.08E-01 | 8.95E-01 | |
| 1388206_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 1.22E-01 | 8.95E-01 | |
| 1371818_at | Xpo1 | Xpo1, RNA polymerase III transcription factor for RNAs | 314879 | Rn.2238 | AW251204 | 8.72 | 8.81 | 8.97 | 8.43 | 8.57 | 9.10 | 1.10 | down | 5.71E-01 | 8.95E-01 | |
| 1374472_at | Vps37a | vacuolar protein sorting 37 homolog (S. cerevisiae) | 290775 | Rn.19117 | A1710605 | 6.52 | 6.07 | 6.72 | 6.57 | 6.97 | 6.00 | 1.10 | down | 6.92E-01 | 8.95E-01 | |
| 1374967_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 7.34E-01 | 9.15E-01 | |
| 1377814_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | up | 4.20E-01 | 8.95E-01 | |
| 1384242_at | Iqmf1 | IQ motif and WD repeats 1 | 289181 | Rn.30317 | AA828540 | 2.36 | 2.54 | 2.35 | 2.78 | 2.35 | 2.32 | 1.10 | up | 8.85E-01 | 9.33E-01 | |
| 1390145_at | RGD1306105 | similar to RIKEN cDNA 261103C1818 | 360916 | Rn.20251 | BF14988 | 2.65 | 2.25 | 2.49 | 2.53 | 2.70 | 2.66 | 1.10 | up | 8.57E-02 | 8.95E-01 | |
| 1372400_at | Sgca | serpin, alpha (glycoprotein-associated glycoprotein) | 303468 | Rn.196653 | BI28395 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 1.10 | down | 3.78E-01 | 8.95E-01 | |
| 1381420_at | Hya3 | hyaluronoglycosaminidase 3 | 300993 | Rn.204726 | BF397624 | 2.64 | 2.70 | 3.11 | 2.70 | 2.73 | 2.62 | 1.10 | down | 4.83E-01 | 8.95E-01 | |
| 1389449_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 8.76E-01 | 9.62E-01 | |
| 1372719_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 3.94E-01 | 8.95E-01 | |
| 1391099_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 7.19E-01 | 9.11E-01 | |
| 1387039_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 6.02E-01 | 9.36E-01 | |
| 1385919_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 6.96E-01 | 9.07E-01 | |
| 1387365_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 8.23E-01 | 9.45E-01 | |
| 1385920_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.10 | down | 1.13E-01 | 8.95E-01 | |
| 1375099_at | Dufad1 | Dufad1 homolog (Xenopus laevis) | 287447 | Rn.4211 | AI103331 | 5.25 | 5.27 | 5.20 | 5.45 | 5.25 | 5.42 | 1.10 | up | 1.06E-01 | 8.95E-01 | |
| 1389070_at | Tspn2 | tektin 2 | 311521 | Rn.115278 | BI28395 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 1.10 | down | 8.95E-01 | 9.55E-01 | |
| 1388325_at | Tspn3 | tektin 3 | 300733 | Rn.998 | A112464 | 7.09</ | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | FC/MSouse | Reason | Unpaired t-Test Cist vs Cist (log(p)) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|----------------------|------------|-----------|------------|------------|------------|------------|------------|-----------|----------|---------------------------------------|-----|-----|
| | | | | | | SEFP (Cst) | SEPA (Cst) | SEF (Cst) | SEPP (Cst) | SEPA (Cst) | SEFP (Cst) | SEPA (Cst) | SEFP (Cst) | | | | | |
| 1380142_at | Hoxb8 | homeo box BB | 24457 | Rn.14746 | BF398019 | 7.28 | 4.93 | 8.25 | 7.23 | 8.79 | 6.84 | 1.09 | down | 6.77E-01 | 9.62E-01 | - | - | |
| 1380200_at | LOC49339 | LOC49339 | 49339 | Rn.12743 | BM377920 | 2.92 | 3.65 | 2.95 | 2.93 | 3.06 | 3.04 | 1.09 | down | 5.66E-01 | 8.95E-01 | - | - | |
| 1380201_at | LOC49339 | LOC49339 | 49339 | Rn.12743 | BM377920 | 2.92 | 3.65 | 2.95 | 2.93 | 3.06 | 3.04 | 1.09 | down | 5.66E-01 | 8.95E-01 | - | - | |
| 1380202_at | Yuhab | Yuhab | 55011 | Rn.8563 | NM_019377 | 8.44 | 8.43 | 8.81 | 9.03 | 8.38 | 8.66 | 1.09 | down | 5.93E-01 | 8.95E-01 | - | - | |
| 1380203_at | Nkx2-4 | 1380203 | 55011 | Rn.8563 | NM_019377 | 8.44 | 8.43 | 8.81 | 9.03 | 8.38 | 8.66 | 1.09 | down | 5.93E-01 | 8.95E-01 | - | - | |
| 1380204_at | Fat1 | foliastatin | 24373 | Rn.16257 | NM_012961 | 2.36 | 2.35 | 2.74 | 2.35 | 2.36 | 2.34 | 1.09 | down | 5.64E-01 | 9.95E-01 | - | - | |
| 1380205_at | CobZ | cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) | 54238 | Rn.63865 | NM_131902 | 3.90 | 5.28 | 4.10 | 4.83 | 4.18 | 4.67 | 1.09 | down | 7.97E-01 | 9.34E-01 | - | - | |
| 1380206_at | Moxh5b8 | 1380206 | 54238 | Rn.63865 | NM_131902 | 3.90 | 5.28 | 4.10 | 4.83 | 4.18 | 4.67 | 1.09 | down | 7.97E-01 | 9.34E-01 | - | - | |
| 1380207_at | Fm3 | formylarginine methyltransferase 3 | 29920 | Rn.163625 | AA845828 | 2.43 | 3.38 | 2.46 | 2.42 | 2.45 | 2.41 | 1.09 | down | 7.41E-01 | 9.16E-01 | - | - | |
| 1380208_at | Melap1 | melastatin | 29550 | Rn.6799 | AW527547 | 7.09 | 6.99 | 8.07 | 7.49 | 6.40 | 7.24 | 1.09 | down | 7.38E-01 | 9.14E-01 | - | - | |
| 1380209_at | Pgyl | 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acyltransferase family 3B) | 29043 | Rn.6835 | BF57230 | 2.67 | 2.34 | 2.41 | 2.33 | 2.35 | 2.34 | 1.09 | down | 2.96E-01 | 8.95E-01 | - | - | |
| 1380210_at | PhyA | phosphorylase, glycogen-L | 117056 | Rn.12415 | BM30456 | 10.24 | 10.65 | 10.55 | 10.28 | 10.16 | 10.61 | 1.09 | down | 5.22E-01 | 8.95E-01 | - | - | |
| 1380211_at | PhyB | phosphorylase, glycogen-L | 64035 | Rn.21399 | NM_022288 | 7.23 | 7.19 | 7.82 | 7.29 | 6.98 | 7.58 | 1.09 | down | 6.50E-01 | 8.95E-01 | - | - | |
| 1380212_at | Ce70 | centriolar protein 70kDa | 387153 | Rn.161942 | AA644525 | 2.65 | 2.63 | 2.99 | 2.64 | 2.64 | 2.60 | 1.09 | down | 3.26E-01 | 8.95E-01 | - | - | |
| 1380213_at | LOC49825 | LOC49825 | 48825 | Rn.20302 | BF546105 | 2.17 | 2.17 | 2.57 | 2.18 | 2.17 | 2.17 | 1.09 | down | 3.88E-01 | 8.95E-01 | - | - | |
| 1380214_at | RGD130674 | similar to RIKEN cDNA 1100202D13 | 295601 | Rn.163625 | AA650077 | 2.31 | 2.26 | 2.26 | 2.44 | 2.24 | 2.24 | 1.09 | down | 2.70E-01 | 8.95E-01 | - | - | |
| 1380215_at | Par2 | polymerase (RNA) I (DNA directed) polypeptide C | 1117 | Rn.100248 | NM_029348 | 7.17 | 7.68 | 8.15 | 7.48 | 7.91 | 8.00 | 1.09 | up | 7.11E-01 | 8.95E-01 | - | - | |
| 1380216_at | Cp110 | CP110 protein | 381634 | Rn.19479 | BI28873 | 2.72 | 2.34 | 2.32 | 2.31 | 2.37 | 2.31 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380217_at | Usp7 | Ubiquitin specific peptidase 7 (herpes virus-associated) | 360471 | Rn.40381 | BF363716 | 9.72 | 10.20 | 10.25 | 10.13 | 10.41 | 10.31 | 1.09 | down | 6.92E-01 | 9.05E-01 | - | - | |
| 1380218_at | Cd99 | CD99 antigen | 652929 | Rn.195321 | AJ258284 | 7.69 | 8.31 | 8.07 | 8.25 | 8.15 | 8.06 | 1.09 | up | 5.27E-01 | 8.95E-01 | - | - | |
| 1380219_at | Eprn2ap1 | hematopoietic and neurogenic expressed 1-like EPRN2AP1 (alpha) interacting protein 1 | 316021 | Rn.209819 | BF400891 | 5.32 | 5.72 | 5.52 | 6.08 | 5.51 | 5.35 | 1.09 | up | 6.34E-01 | 8.95E-01 | - | - | |
| 1380220_at | Sp110 | SP110 nuclear body protein | 301570 | Rn.6469 | AI177957 | 2.90 | 2.84 | 2.67 | 3.21 | 2.77 | 2.81 | 1.09 | up | 4.50E-01 | 8.95E-01 | - | - | |
| 1380221_at | Tmem33 | transmembrane protein 33 | 59303 | Rn.203983 | NM_021871 | 7.59 | 8.28 | 8.10 | 7.59 | 7.91 | 7.98 | 1.09 | down | 5.91E-01 | 8.95E-01 | - | - | |
| 1380222_at | Ndufa8 | NADH dehydrogenase (ubiquinone) I alpha subcomplex, 8 | 296658 | Rn.202907 | BI202070 | 7.30 | 8.06 | 7.68 | 7.78 | 7.31 | 7.83 | 1.09 | down | 6.80E-01 | 9.03E-01 | - | - | |
| 1380223_at | Rpl1 | ribosomal L1 domain containing 1 | 302898 | Rn.154542 | BF522724 | 6.80 | 6.73 | 7.28 | 7.07 | 6.74 | 7.46 | 1.09 | up | 8.47E-01 | 8.95E-01 | - | - | |
| 1380224_at | Rpl1 | ribosomal L1 domain containing 1 | 302898 | Rn.154542 | BF522724 | 6.80 | 6.73 | 7.28 | 7.07 | 6.74 | 7.46 | 1.09 | up | 8.47E-01 | 8.95E-01 | - | - | |
| 1380225_at | Ywhz2 | y-yeast 1 Yamaohshi sarcoma viral related oncogene homolog | 81515 | Rn.4338 | NM_030887 | 2.50 | 2.48 | 2.54 | 2.73 | 2.53 | 2.66 | 1.09 | up | 9.90E-01 | 8.95E-01 | - | - | |
| 1380226_at | Smad2 | SMAD2 (transforming growth factor beta signaling) protein 2 | 519138 | Rn.10385 | AB586625 | 3.89 | 3.67 | 3.50 | 3.76 | 3.69 | 3.71 | 1.09 | down | 5.77E-01 | 8.95E-01 | - | - | |
| 1380227_at | Smad3 | SMAD3 (transforming growth factor beta signaling) protein 3 | 498140 | Rn.1331 | BM390707 | 6.37 | 6.19 | 5.86 | 6.41 | 4.76 | 6.86 | 1.09 | down | 8.53E-01 | 9.54E-01 | - | - | |
| 1380228_at | Dact1 | dishevelled-associated protein 1 (Wnt signaling) | 500696 | Rn.17371 | BE111725 | 2.31 | 2.30 | 2.32 | 2.70 | 2.31 | 2.30 | 1.09 | up | 3.85E-01 | 8.95E-01 | - | - | |
| 1380229_at | Nect1 | nectin-1 (cell adhesion molecule) | 25562 | Rn.10087 | U87276 | 2.69 | 2.65 | 2.66 | 2.69 | 2.65 | 2.64 | 1.09 | down | 4.86E-01 | 8.95E-01 | - | - | |
| 1380230_at | Zfp259 | zinc finger protein 259 | 500989 | Rn.102021 | BF284164 | 11.63 | 10.17 | 10.17 | 11.04 | 10.73 | 10.59 | 1.09 | up | 8.06E-01 | 9.38E-01 | - | - | |
| 1380231_at | Ncaid | neuronal cell adhesion molecule 1 | 553106 | Rn.13744 | BF420172 | 5.52 | 6.67 | 5.44 | 5.52 | 6.23 | 5.50 | 1.09 | down | 7.94E-01 | 9.34E-01 | - | - | |
| 1380232_at | Mocx1 | methylcrotonyl-Coenzyme A carboxylase 1 (alpha) | 294972 | Rn.15587 | BI244600 | 9.80 | 10.73 | 10.16 | 10.02 | 9.71 | 10.56 | 1.09 | down | 7.43E-01 | 9.17E-01 | - | - | |
| 1380233_at | Tpm3 | tropomyosin 3, gamma | 117507 | Rn.37675 | BI269591 | 6.18 | 5.96 | 6.14 | 5.86 | 5.96 | 6.14 | 1.09 | down | 5.91E-01 | 8.95E-01 | - | - | |
| 1380234_at | Usp7 | Ubiquitin specific peptidase 7 (herpes virus-associated) | 360471 | Rn.40381 | BF363716 | 9.72 | 10.20 | 10.25 | 10.13 | 10.41 | 10.31 | 1.09 | down | 6.92E-01 | 9.05E-01 | - | - | |
| 1380235_at | Fovc3 | follicle-stimulating hormone receptor 3 | 314374 | Rn.105040 | BF410565 | 3.06 | 2.83 | 2.85 | 2.83 | 2.85 | 2.88 | 1.09 | down | 2.24E-01 | 8.95E-01 | - | - | |
| 1380236_at | Evd3 | EVD3 (EVD3) domain family member 3 | 529297 | Rn.220291 | BI291344 | 5.10 | 5.11 | 5.44 | 5.10 | 5.11 | 5.29 | 1.09 | down | 4.36E-01 | 8.95E-01 | - | - | |
| 1380237_at | Tbc1d10c | TBC1D10C domain family member 10C | 361697 | Rn.61004 | BF406973 | 2.88 | 2.50 | 2.55 | 2.53 | 2.30 | 2.49 | 1.09 | up | 7.77E-01 | 9.02E-01 | - | - | |
| 1380238_at | Fluc2 | F-box protein 22 | 200724 | Rn.4284 | AI030989 | 8.01 | 8.05 | 8.43 | 8.24 | 7.71 | 8.16 | 1.09 | down | 6.75E-01 | 8.95E-01 | - | - | |
| 1380239_at | Cbp | CBP binding protein | 64019 | Rn.127786 | NM_022553 | 2.81 | 2.71 | 2.61 | 2.60 | 2.60 | 2.64 | 1.09 | down | 1.07E-01 | 8.95E-01 | - | - | |
| 1380240_at | Ela1 | erythrocyte-associated antigen 1 | 295823 | Rn.121638 | BE113096 | 2.59 | 2.92 | 2.65 | 2.59 | 2.62 | 2.65 | 1.09 | down | 2.78E-01 | 8.95E-01 | - | - | |
| 1380241_at | Igf2bp2 | insulin-like growth factor binding protein 2 | 25662 | Rn.6813 | AI104234 | 2.32 | 2.31 | 2.35 | 2.27 | 2.50 | 2.30 | 1.09 | up | 1.90E-01 | 8.95E-01 | - | - | |
| 1380242_at | Smad2 | SMAD2 (transforming growth factor beta signaling) protein 2 | 519138 | Rn.24680 | BF363716 | 3.89 | 3.75 | 3.73 | 4.03 | 3.69 | 3.73 | 1.09 | down | 3.38E-01 | 8.95E-01 | - | - | |
| 1380243_at | Alx4 | Alx4 (transmembrane protein) related domain 4 (RADS4 homolog, S) | 246284 | Rn.107838 | BF507260 | 5.73 | 6.05 | 6.19 | 6.82 | 4.95 | 6.87 | 1.09 | up | 8.41E-01 | 8.95E-01 | - | - | |
| 1380244_at | Eroc3 | erythrocyte-specific protein 3 (erythrocyte-specific protein 3) | 291703 | Rn.44012 | BM388758 | 5.47 | 6.23 | 5.72 | 5.68 | 5.35 | 6.01 | 1.09 | down | 6.38E-01 | 9.03E-01 | - | - | |
| 1380245_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380246_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380247_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380248_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380249_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380250_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380251_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380252_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380253_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380254_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380255_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380256_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380257_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380258_at | Rhcg | rhodanese | 23501 | Rn.14140 | NM_010210 | 6.18 | 6.24 | 6.41 | 6.18 | 6.24 | 6.41 | 1.09 | down | 3.85E-01 | 8.95E-01 | - | - | |
| 1380259_at | Rhcg | rhodanese | 23501 | Rn.14140 | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test (Cis vs. Ctrl) (p-value) | REG | MTC |
|--------------|-------------|---|---------|------------|-----------|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|--|-----|-----|
| | | | | | | SEPS (Cis) | SEPA (Cis) | SEPB (Cis) | SEPC (Cis) | SEPD (Cis) | SEPE (Cis) | SEPF (Cis) | SEPG (Cis) | SEPH (Cis) | | | | | |
| 1372990_at | Creb3 | cAMP responsive element binding protein 3 | 298400 | Rn.104043 | A1179264 | 6.36 | 6.31 | 6.45 | 6.22 | 6.21 | 6.31 | 6.09 | down | 3.76E-02 | 8.95E-01 | - | - | | |
| 1376864_at | Kab | KAP-1 binding protein 1 | 171457 | Rn.6424 | U101225 | 2.88 | 2.50 | 2.51 | 2.50 | 2.52 | 2.49 | 1.09 | down | 3.76E-02 | 8.95E-01 | - | - | | |
| 1376243_at | Serpinh2 | serpin (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 12 | 304692 | Rn.47298 | BE118137 | 2.52 | 2.47 | 2.46 | 2.46 | 2.47 | 2.54 | 1.09 | down | 2.52E-01 | 8.95E-01 | - | - | | |
| 1353204_at | Cp110 | cytoplasmic polyoma virus binding protein 4 | 108273 | Rn.4571 | B0278780 | 2.53 | 2.78 | 2.53 | 2.53 | 2.53 | 2.41 | 1.09 | down | 1.43E-01 | 8.95E-01 | - | - | | |
| 1387237_at | Eoc2 | exocyst complex component 7 | 64632 | Rn.45761 | BM388222 | 3.42 | 3.36 | 4.03 | 3.85 | 3.20 | 3.38 | 1.09 | down | 6.84E-01 | 9.03E-01 | - | - | | |
| 1383099_at | Rax21 | RAX21, member RAS oncogene family | 299799 | Rn.16252 | BM388224 | 9.89 | 9.54 | 9.73 | 9.91 | 9.86 | 9.77 | 1.09 | up | 3.20E-01 | 8.95E-01 | - | - | | |
| 1375541_at | LOC497656 | LOC497656 | 679566 | Rn.45766 | AK050257 | 5.71 | 5.62 | 5.67 | 5.67 | 5.67 | 5.67 | 1.09 | up | 5.67E-01 | 8.95E-01 | - | - | | |
| 1370708_3_at | Akr1f4 | aldo-keto reductase family 1, member C14 | 191574 | Rn.10021 | M19337 | 2.51 | 2.47 | 2.52 | 2.48 | 2.51 | 2.88 | 1.09 | up | 3.87E-01 | 8.95E-01 | - | - | | |
| 1365684_3_at | Afp1f | ATPase inhibitor family 1, member C14 | 333362 | Rn.10568 | U101953 | 10.01 | 10.19 | 10.25 | 10.33 | 10.18 | 10.31 | 1.09 | up | 2.19E-01 | 8.95E-01 | - | - | | |
| 1370217_at | Dab2b | Dab2b homolog (Drosophila) | 288763 | Rn.9996 | BE110572 | 6.82 | 6.91 | 7.30 | 6.94 | 6.59 | 7.13 | 1.09 | down | 5.86E-01 | 8.95E-01 | - | - | | |
| 1395794_at | Tpm1 | tropomyosin 1, alpha | 24851 | Rn.87540 | BF396218 | 2.42 | 2.44 | 2.38 | 2.38 | 2.39 | 2.34 | 1.09 | up | 5.29E-01 | 8.95E-01 | - | - | | |
| 1388904_at | Dd25 | hypothetical protein Dd25 | 300863 | Rn.84478 | AK225957 | 6.98 | 7.46 | 7.68 | 7.27 | 7.07 | 7.72 | 1.09 | down | 3.73E-01 | 8.95E-01 | - | - | | |
| 1376144_at | Parp9 | poly (ADP-ribose) polymerase family, member 9 | 303905 | Rn.2158 | AA196799 | 3.24 | 3.26 | 3.62 | 3.56 | 3.46 | 3.57 | 1.09 | up | 3.27E-01 | 8.95E-01 | - | - | | |
| 1397999_at | Elme | eukaryotic translation initiation factor 4E | 117045 | Rn.11275 | NM_033974 | 8.54 | 8.85 | 8.68 | 8.50 | 8.56 | 8.63 | 1.09 | down | 2.57E-01 | 8.95E-01 | - | - | | |
| 1374355_at | Calp6 | calTA binding protein 6 | 29300 | Rn.81971 | AK050258 | 2.25 | 2.36 | 2.37 | 2.29 | 2.36 | 2.38 | 1.09 | up | 3.85E-01 | 8.95E-01 | - | - | | |
| 1388414_at | Ndu5f5 | NADH dehydrogenase (ubiquinone) Fe-S protein 5 | 362588 | Rn.158413 | AA10498 | 9.56 | 9.70 | 9.78 | 9.51 | 9.60 | 9.55 | 1.09 | down | 1.52E-01 | 8.95E-01 | - | - | | |
| 1371651_at | Ins2 | insulin receptor substrate 2 | 25076 | Rn.10176 | BE110800 | 6.01 | 6.20 | 6.05 | 6.03 | 6.11 | 5.99 | 1.09 | up | 6.26E-01 | 8.95E-01 | - | - | | |
| 1382190_at | LOC497394 | LOC497394 | 300667 | Rn.16738 | BE235055 | 2.51 | 2.42 | 2.53 | 2.51 | 2.52 | 2.52 | 1.09 | up | 3.88E-01 | 8.95E-01 | - | - | | |
| 1392702_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 8.11E-01 | 9.39E-01 | - | - | | |
| 1395597_at | Phca | phycoerythrin, alkaline | 499210 | Rn.19122 | BF399646 | 2.47 | 2.46 | 2.42 | 2.47 | 2.53 | 2.72 | 1.09 | up | 1.83E-01 | 8.95E-01 | - | - | | |
| 1381281_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 2.64E-01 | 8.95E-01 | - | - | | |
| 1371556_at | Phc4 | protein inhibitor of activated STAT, 4 | 362827 | Rn.12810 | BE110748 | 2.35 | 2.34 | 2.26 | 2.35 | 2.75 | 2.33 | 1.09 | up | 1.13E-01 | 8.95E-01 | - | - | | |
| 1371290_at | LOC49795 | LOC49795 | 407995 | Rn.19023 | AK050253 | 2.38 | 2.25 | 2.37 | 2.35 | 2.27 | 2.35 | 1.09 | up | 3.02E-01 | 8.95E-01 | - | - | | |
| 1395577_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 6.89E-01 | 8.95E-01 | - | - | | |
| 1387971_at | Php2d | protein tyrosine phosphatase 4a2 | 82337 | Rn.16768 | BE110763 | 8.77 | 9.31 | 8.08 | 9.13 | 8.98 | 9.42 | 1.09 | up | 5.73E-01 | 8.95E-01 | - | - | | |
| 1383063_3_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 7.94E-01 | 9.34E-01 | - | - | | |
| 1348342_at | Osgep1 | O-galactoyltransferase-like 1 | 314548 | Rn.21040 | BF393066 | 5.00 | 5.12 | 5.98 | 6.04 | 3.72 | 5.97 | 1.09 | down | 8.87E-01 | 8.95E-01 | - | - | | |
| 1380121_at | Nsk7 | NIMA (never in mitosis gene a-related kinase) 7 | 300500 | Rn.36349 | BE112215 | 3.82 | 4.07 | 3.74 | 4.45 | 4.53 | 4.77 | 1.09 | down | 8.38E-01 | 8.95E-01 | - | - | | |
| 1382862_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 8.47E-01 | 9.52E-01 | - | - | | |
| 1391169_at | Tmem117 | transmembrane protein 117 | 600621 | Rn.88857 | BE120139 | 2.58 | 2.50 | 2.51 | 2.98 | 2.50 | 2.49 | 1.09 | up | 4.72E-01 | 8.95E-01 | - | - | | |
| 1389505_at | LOC493388 | LOC493388 | 304413 | Rn.34413 | AK225956 | 2.47 | 2.46 | 2.53 | 2.48 | 2.57 | 2.57 | 1.09 | up | 2.46E-01 | 8.95E-01 | - | - | | |
| 1374512_at | LOC64314 | LOC64314 | 202005 | Rn.20205 | AK22341 | 8.79 | 8.95 | 8.51 | 8.32 | 9.14 | 8.16 | 1.09 | up | 7.06E-01 | 8.95E-01 | - | - | | |
| 1396621_at | LOC650119 | LOC650119 | 305300 | Rn.41344 | AK225957 | 2.48 | 2.44 | 2.57 | 2.48 | 2.44 | 2.57 | 1.09 | up | 7.33E-01 | 8.95E-01 | - | - | | |
| 1383977_3_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 6.51E-01 | 8.95E-01 | - | - | | |
| 1367991_at | Gc11 | glucosylase 11 | 79947 | Rn.22181 | NM_031749 | 6.80 | 6.85 | 7.88 | 7.12 | 6.88 | 7.27 | 1.09 | down | 7.74E-01 | 9.28E-01 | - | - | | |
| 1387016_at | Spr1e1 | serpin homolog 1 (Drosophila) | 684841 | Rn.98481 | AK050259 | 3.92 | 3.90 | 2.95 | 2.90 | 2.94 | 2.90 | 1.09 | up | 2.46E-01 | 8.95E-01 | - | - | | |
| 1372894_at | Tmem115 | transmembrane protein 115 | 363136 | Rn.7749 | BE284179 | 5.52 | 5.58 | 5.62 | 5.69 | 5.64 | 5.76 | 1.09 | up | 4.50E-02 | 8.95E-01 | - | - | | |
| 1378989_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 7.33E-01 | 8.95E-01 | - | - | | |
| 1386888_at | Hspet1 | heat shock protein 1 (chaperonin 10) | 25482 | Rn.100693 | NM_012966 | 11.77 | 11.60 | 11.98 | 11.69 | 11.60 | 11.67 | 1.09 | down | 1.13E-01 | 8.95E-01 | - | - | | |
| 1386902_at | Vamp3 | voltage-dependent anion channel 3 | 83532 | Rn.107287 | NM_013355 | 9.94 | 9.89 | 9.72 | 9.79 | 10.10 | 10.03 | 1.09 | up | 3.36E-01 | 8.95E-01 | - | - | | |
| 1381753_at | Rb | retinoblastoma protein | 24915 | Rn.34021 | NM_007028 | 2.46 | 2.41 | 2.54 | 2.47 | 2.54 | 2.20 | 1.09 | up | 3.36E-01 | 8.95E-01 | - | - | | |
| 1388351_at | Pomp | proteasome maturation protein | 288455 | Rn.28242 | BM384128 | 8.89 | 8.91 | 8.72 | 8.84 | 8.51 | 8.89 | 1.09 | down | 3.68E-01 | 8.95E-01 | - | - | | |
| 1377413_3_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 7.45E-01 | 9.17E-01 | - | - | | |
| 1386911_3_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 8.24E-01 | 9.24E-01 | - | - | | |
| 1371641_at | Cad7 | Cad-antagonist of cell death | 64639 | Rn.30968 | AK225960 | 8.61 | 9.02 | 9.15 | 8.71 | 8.79 | 8.90 | 1.09 | down | 5.08E-01 | 8.95E-01 | - | - | | |
| 1391845_at | CoC | cohesin containing Tc1, subunit 1 (eta) | 297406 | Rn.167861 | BE110869 | 7.62 | 7.65 | 8.09 | 7.43 | 7.62 | 7.65 | 1.09 | down | 3.12E-01 | 8.95E-01 | - | - | | |
| 1376335_3_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 5.90E-01 | 8.95E-01 | - | - | | |
| 1377448_at | Ltrc1 | leucine rich repeat containing 1 | 387113 | Rn.15822 | AA12344 | 2.93 | 3.02 | 2.76 | 3.31 | 2.86 | 2.91 | 1.09 | up | 4.83E-01 | 8.95E-01 | - | - | | |
| 1382001_at | Casr1d | casein kinase 1, delta | 64462 | Rn.8046 | L07578 | 2.45 | 2.44 | 2.46 | 2.44 | 2.28 | 2.42 | 1.09 | up | 4.36E-01 | 8.95E-01 | - | - | | |
| 1376248_at | Fam98a | Fam98a family with sequence similarity 98, member A | 108214 | Rn.57374 | BE284179 | 2.47 | 2.47 | 2.48 | 2.47 | 2.47 | 2.47 | 1.09 | up | 4.40E-01 | 8.95E-01 | - | - | | |
| 1373780_at | Wdfy3 | WD repeat and FYVE domain containing 3 | 305164 | Rn.57981 | BF393831 | 5.36 | 6.85 | 6.45 | 6.30 | 5.60 | 6.38 | 1.09 | down | 8.20E-01 | 9.42E-01 | - | - | | |
| 1380254_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 8.30E-01 | 9.16E-01 | - | - | | |
| 1371889_at | Slic2a17 | solute carrier family 22, member 17 | 305886 | Rn.7312 | AW915448 | 2.72 | 3.92 | 4.93 | 4.28 | 4.03 | 3.89 | 1.09 | down | 7.89E-01 | 9.24E-01 | - | - | | |
| 1389310_at | Efr3a3 | eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked | 299027 | Rn.87025 | AK050264 | 4.93 | 5.48 | 5.68 | 5.40 | 5.12 | 5.63 | 1.09 | up | 7.21E-01 | 9.11E-01 | - | - | | |
| 1389008_at | Fem3a2 | Fem3a family with sequence similarity 3, member A | 406484 | Rn.74184 | AK050262 | 3.41 | 3.41 | 3.22 | 3.19 | 3.22 | 3.19 | 1.09 | up | 6.87E-01 | 9.37E-01 | - | - | | |
| 1381162_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 8.48E-01 | 9.33E-01 | - | - | | |
| 1381162_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 4.27E-01 | 8.95E-01 | - | - | | |
| 1389280_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | up | 7.50E-01 | 9.19E-01 | - | - | | |
| 1387620_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 4.10E-01 | 8.95E-01 | - | - | | |
| 1380540_at | Znf830 | zinc finger protein 830 | 407968 | Rn.137887 | BE110869 | 4.17 | 4.62 | 5.37 | 4.78 | 4.90 | 4.85 | 1.09 | down | 4.13E-01 | 8.95E-01 | - | - | | |
| 1389002_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 2.48E-01 | 8.95E-01 | - | - | | |
| 1388839_at | Rg2 | rat guanine nucleotide dissociation stimulator-like 2 | 294283 | Rn.21644 | AK223413 | 3.11 | 3.56 | 2.98 | 3.04 | 3.24 | 2.98 | 1.09 | down | 5.81E-01 | 8.95E-01 | - | - | | |
| 1381003_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 2.42E-01 | 8.95E-01 | - | - | | |
| 1375544_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 9.27E-02 | 8.95E-01 | - | - | | |
| 1391165_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.09 | down | 6.47E-01 | 8.95E-01 | - | - | | |
| 1370229_at | Nrg4 | N-myc downstream regulated gene 4 | 64457 | Rn.17025 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Accession | SEPS (CpG) | SEPA (CpG) | SEPB (CpG) | SEPC (CpG) | SEPD (CpG) | SEPE (CpG) | SEPF (CpG) | SEPG (CpG) | FCMhouse | Residual | Unpaired t-test vs Ctl (log2) | Unpaired t-test vs Ctl (log2) | REG | MTC |
|--------------|---------------------------------|--|--------------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|-------------------------------|-------------------------------|-----|-----|
| 137983_at | --- | --- | --- | --- | AGC4175 | 2.28 | 2.28 | 2.29 | 2.63 | 2.29 | 2.30 | 1.09 | --- | --- | 3.44E-01 | 8.95E-01 | --- | --- | |
| 1380835_at | Sh1t | signal transducer and activator of transcription 1 | 25124 | RN.33229 | NM_132612 | 7.35 | 7.23 | 5.34 | 6.28 | 7.17 | 6.86 | 1.09 | down | 6.72E-01 | 9.60E-01 | --- | --- | | |
| 1372136_at | Tspan14 | transmembrane protein 14 | 149324 | RN.40324 | U44874 | 4.49 | 4.64 | 4.64 | 4.42 | 4.71 | 4.71 | 1.09 | down | 5.87E-01 | 8.95E-01 | --- | --- | | |
| 1387776_at | So4 | stromal cell derived factor 4 | 155173 | RN.12964 | NM_130412 | 8.18 | 8.79 | 8.52 | 8.17 | 8.83 | 8.85 | 1.09 | up | 6.90E-01 | 9.05E-01 | --- | --- | | |
| 1389276_at | SHAD | SHAD family member 5 | 93328 | RN.146857 | U12912 | 3.07 | 3.07 | 3.07 | 3.12 | 3.72 | 3.69 | 1.09 | down | 4.78E-01 | 8.95E-01 | --- | --- | | |
| 1390669_at | Shnaps | SHNAPS | 115385 | RN.15385 | AK93410 | 5.07 | 5.25 | 5.13 | 4.52 | 5.41 | 5.48 | 1.09 | up | 5.44E-01 | 8.95E-01 | --- | --- | | |
| 1393113_at | Rho GTPase activating protein 1 | Rho GTPase activating protein 1 | 311193 | RN.64898 | AB95798 | 2.58 | 4.28 | 2.58 | 3.00 | 2.57 | 3.07 | 1.09 | down | 8.56E-01 | 9.55E-01 | --- | --- | | |
| 1393387_at | Sec13L1 | Sec13L1 like 1 (S. cerevisiae) | 3012527 | RN.2046878 | U117495 | 3.07 | 3.07 | 3.07 | 2.70 | 2.70 | 2.70 | 1.09 | down | 4.17E-01 | 8.95E-01 | --- | --- | | |
| 1398860_at | Nesd3 | neuronal precursor cell expressed, developmentally down-regulated 3 | 25490 | RN.216415 | AF057440 | 9.81 | 9.72 | 9.77 | 9.72 | 9.99 | 9.95 | 1.09 | up | 2.50E-01 | 8.95E-01 | --- | --- | | |
| 1374669_at | Nanc4a | non-SMC element 4 homolog A (S. cerevisiae) | 253528 | RN.6949 | B003130 | 6.40 | 6.45 | 6.40 | 6.45 | 6.45 | 6.45 | 1.09 | down | 6.07E-01 | 8.95E-01 | --- | --- | | |
| 1384796_at | --- | --- | --- | --- | AK073019 | 4.43 | 2.75 | 2.45 | 2.42 | 2.43 | 2.41 | 1.09 | down | 3.88E-01 | 8.95E-01 | --- | --- | | |
| 1389109_at | Cpr116 | G protein-coupled receptor 116 | 249977 | RN.26073 | B290677 | 3.91 | 3.16 | 3.19 | 3.36 | 4.09 | 3.17 | 1.09 | up | 7.61E-01 | 9.22E-01 | --- | --- | | |
| 1374657_at | Ar154b | arabinosyl repeat and steric alpha motif domain containing 4B | 667561 | RN.216468 | AB849437 | 10.38 | 11.38 | 10.85 | 10.90 | 10.82 | 11.91 | 1.09 | down | 5.46E-01 | 8.95E-01 | --- | --- | | |
| 1372550_at | --- | --- | --- | --- | AK189278 | 8.31 | 3.33 | 3.00 | 8.82 | 8.35 | 8.83 | 1.09 | up | 6.85E-01 | 9.03E-01 | --- | --- | | |
| 1389559_at | Cora14 | Casein kinase 1, alpha 1 | 113927 | RN.23810 | U123291 | 4.91 | 6.45 | 5.97 | 4.84 | 6.38 | 5.76 | 1.09 | down | 6.59E-01 | 9.56E-01 | --- | --- | | |
| 1370396_at | RC0130730 | similar to Rho GTPase domain B003331 | 304863 | RN.211808 | BF459570 | 3.29 | 3.17 | 2.76 | 2.93 | 3.52 | 2.92 | 1.09 | down | 4.41E-01 | 8.95E-01 | --- | --- | | |
| 1387947_at | Pka1g | protein kinase, AMP-activated, gamma 1 non-catalytic subunit | 25520 | RN.11089 | U42413 | 5.94 | 5.88 | 5.51 | 5.85 | 5.97 | 5.87 | 1.09 | up | 4.34E-01 | 8.95E-01 | --- | --- | | |
| 1389522_at | Liv5 | LIM homeobox 5 | 124451 | RN.34503 | BF56101 | 3.07 | 3.07 | 3.07 | 3.07 | 2.84 | 2.77 | 1.09 | down | 3.20E-01 | 8.95E-01 | --- | --- | | |
| 1390148_at | Zfp395 | zinc finger protein 395 | 309972 | RN.13352 | BM38100 | 3.77 | 3.14 | 2.73 | 3.04 | 4.23 | 3.63 | 1.09 | down | 8.41E-01 | 9.50E-01 | --- | --- | | |
| 1399394_at | Chucr1 | chuchri1 domain containing | 299154 | RN.20986 | AA89919 | 9.30 | 9.54 | 10.02 | 10.04 | 9.25 | 9.95 | 1.09 | up | 7.34E-01 | 9.15E-01 | --- | --- | | |
| 1388817_at | Bph1 | biphenylhydroxylase like (sarcine hydrolase) | 381229 | RN.22050 | AI094746 | 8.89 | 9.21 | 8.85 | 9.12 | 8.91 | 9.55 | 1.09 | down | 7.35E-01 | 9.16E-01 | --- | --- | | |
| 1393007_at | 6E18Z [// RGD1011] | similar to novel protein // similar to echinoderm microtubule associated protein | 305610 [// 488430] | RN.58044 | BF404820 | 2.44 | 2.77 | 2.46 | 2.44 | 2.45 | 2.42 | 1.09 | down | 3.15E-01 | 8.95E-01 | --- | --- | | |
| 1373273_at | --- | --- | --- | --- | AK250499 | 3.39 | 3.43 | 3.42 | 3.80 | 3.47 | 3.53 | 1.09 | up | 3.85E-02 | 8.95E-01 | --- | --- | | |
| 1394154_at | Sh3a | SH3 domain of the oligosaccharyltransferase complex, homolog A (S. cerevisiae) | 500972 | RN.98525 | A003735 | 2.51 | 2.52 | 2.54 | 2.53 | 2.72 | 2.89 | 1.09 | up | 1.16E-01 | 8.95E-01 | --- | --- | | |
| 1388847_at | Calot | calotrin homolog domain containing, family A (phosphoinositide binding sp) | 25029 | RN.11202 | L27487 | 2.43 | 2.59 | 2.54 | 2.34 | 2.54 | 2.32 | 1.09 | down | 1.74E-01 | 8.95E-01 | --- | --- | | |
| 137735_at | Plekh3a | pleckstrin homology domain-containing, family A (phosphoinositide binding sp) | 295674 | RN.204132 | U117839 | 5.41 | 6.12 | 6.94 | 5.83 | 5.52 | 6.66 | 1.09 | down | 6.38E-01 | 9.48E-01 | --- | --- | | |
| 1381422_at | --- | --- | --- | --- | RN.33733 | AA617889 | 2.39 | 2.36 | 2.38 | 2.76 | 2.38 | 2.35 | 1.09 | up | 4.06E-01 | 8.95E-01 | --- | --- | |
| 1373273_at | --- | --- | --- | --- | RN.190182 | U113744 | 4.19 | 4.18 | 3.97 | 4.18 | 4.31 | 4.20 | 1.09 | up | 2.08E-01 | 8.95E-01 | --- | --- | |
| 1374219_at | Dsap1 | disparted homology 1 (Drosophila) | 289338 | RN.41748 | B126155 | 2.52 | 2.52 | 2.54 | 2.52 | 2.92 | 2.50 | 1.09 | up | 4.23E-01 | 8.95E-01 | --- | --- | | |
| 1381423_at | Gr12 | G protein-coupled receptor kinase interacting ArGPCR 2 | 304846 | RN.77521 | B127770 | 4.58 | 3.91 | 3.64 | 3.92 | 3.73 | 4.83 | 1.09 | up | 7.66E-01 | 9.34E-01 | --- | --- | | |
| 1371531_at | LOC1078880 | similar to human membrane retroglycoprotein derived 9b | 489816 | RN.63942 | AA874782 | 2.82 | 2.39 | 2.41 | 2.41 | 2.46 | 2.39 | 1.09 | down | 4.45E-01 | 8.95E-01 | --- | --- | | |
| 1397211_at | --- | --- | --- | --- | RN.115418 | U12017 | 7.07 | 7.00 | 7.54 | 7.02 | 6.66 | 6.78 | 1.09 | down | 6.20E-01 | 8.95E-01 | --- | --- | |
| 1388660_at | --- | --- | --- | --- | RN.124103 | AA819536 | 7.62 | 3.72 | 3.90 | 7.65 | 7.44 | 7.39 | 1.09 | down | 5.52E-01 | 8.95E-01 | --- | --- | |
| 1378358_at | Repin1 | Replication initiator 1 | 445541 | RN.19439 | A1714448 | 2.84 | 2.82 | 2.98 | 2.62 | 2.82 | 2.82 | 1.09 | down | 2.10E-01 | 8.95E-01 | --- | --- | | |
| 1382933_at | Vsq2 | voltage-dependent anion channel 2 | 910331 | RN.162037 | AF289460 | 9.19 | 9.16 | 9.14 | 9.16 | 9.16 | 9.16 | 1.09 | down | 8.19E-01 | 9.36E-01 | --- | --- | | |
| 1382439_at | Irfp6 | interferon, beta 6 | 311061 | RN.19828 | A070886 | 4.46 | 4.20 | 3.75 | 4.29 | 4.21 | 3.54 | 1.09 | down | 7.23E-01 | 9.12E-01 | --- | --- | | |
| 1379813_at | Pap14 | Poly (ADP-ribose) polymerase family, member 14 | 303303 | RN.54192 | AA103032 | 6.89 | 6.29 | 6.82 | 6.35 | 6.84 | 6.55 | 1.09 | down | 6.82E-01 | 9.52E-01 | --- | --- | | |
| 1373338_at | --- | --- | --- | --- | RN.98471 | U117527 | 7.35 | 5.57 | 6.99 | 7.24 | 7.30 | 7.72 | 1.09 | up | 6.25E-01 | 8.95E-01 | --- | --- | |
| 1378706_at | Pkc1 | PFTAIRE protein kinase 1 | 362316 | RN.12908 | A050913 | 2.43 | 2.41 | 2.42 | 2.80 | 2.41 | 2.41 | 1.09 | up | 4.02E-01 | 8.95E-01 | --- | --- | | |
| 1382072_at | Lgsn9b | lipid, galactose-binding, soluble, 9 | 25474 | RN.10708 | U12741 | 2.68 | 2.68 | 2.47 | 2.47 | 2.48 | 2.47 | 1.09 | down | 3.92E-01 | 8.95E-01 | --- | --- | | |
| 1378753_at | Pkn1 | protein kinase, non-catalytic | 83497 | RN.31429 | A1838971 | 5.37 | 5.33 | 5.37 | 5.34 | 5.03 | 5.34 | 1.09 | down | 3.18E-01 | 8.95E-01 | --- | --- | | |
| 1379219_at | RC0130826 | similar to R63004A029RRC protein | 301087 | RN.21577 | A045587 | 2.57 | 2.63 | 2.51 | 2.42 | 2.48 | 2.45 | 1.09 | down | 3.44E-02 | 8.95E-01 | --- | --- | | |
| 1371638_at | Rnf7 | RNF7 protein | 290448 | RN.21788 | AA85819 | 9.19 | 9.38 | 9.85 | 9.85 | 9.07 | 9.38 | 1.09 | down | 6.73E-01 | 9.52E-01 | --- | --- | | |
| 1387241_at | Klf15 | Kruppel-like factor 15 | 85497 | RN.22558 | NM_053336 | 3.46 | 3.45 | 3.11 | 5.99 | 7.00 | 7.06 | 1.09 | down | 8.78E-01 | 9.81E-01 | --- | --- | | |
| 1384803_at | LOC1078247 | similar to human membrane retroglycoprotein derived 9b | 246073 | RN.115418 | U12017 | 7.07 | 7.00 | 7.54 | 7.02 | 6.66 | 6.78 | 1.09 | down | 6.20E-01 | 8.95E-01 | --- | --- | | |
| 1370796_at | Forkhd1 | forkhead box D1 | 246073 | RN.94249 | L13025 | 2.68 | 2.67 | 2.88 | 2.67 | 3.08 | 2.65 | 1.09 | up | 4.21E-01 | 8.95E-01 | --- | --- | | |
| 1389890_at | Etp2 | emopamil binding protein (sterol isomerase) | 117278 | RN.19438 | NM_057137 | 5.67 | 6.00 | 5.52 | 5.65 | 5.67 | 6.03 | 1.09 | up | 5.33E-01 | 8.95E-01 | --- | --- | | |
| 1389597_at | --- | --- | --- | --- | RN.169318 | AA129618 | 2.68 | 2.67 | 3.18 | 2.68 | 2.68 | 2.68 | 1.09 | down | 1.81E-01 | 8.95E-01 | --- | --- | |
| 1374325_at | --- | --- | --- | --- | RN.23552 | A1810129 | 6.09 | 6.02 | 7.39 | 6.20 | 6.37 | 6.58 | 1.09 | down | 6.07E-01 | 9.38E-01 | --- | --- | |
| 1374040_3_at | Mmi3 | mitchondriosome maintenance complex component 3 | 316273 | RN.12916 | AA12916 | 2.85 | 2.34 | 2.34 | 2.60 | 2.60 | 2.60 | 1.09 | down | 2.65E-01 | 8.95E-01 | --- | --- | | |
| 1371043_3_at | Pou3f3 | POU class 3 homeobox 3 | 192109 | RN.11354 | BF107327 | 9.02 | 9.66 | 9.66 | 8.68 | 8.78 | 9.18 | 1.09 | down | 6.41E-01 | 8.95E-01 | --- | --- | | |
| 1394935_at | Wasf2 | WAS protein family, member 2 | 313024 | RN.162111 | A1176844 | 7.41 | 6.40 | 6.49 | 6.18 | 6.79 | 6.96 | 1.09 | down | 7.90E-01 | 9.28E-01 | --- | --- | | |
| 1374420_at | Tfb3 | transcription factor II B-like family, member 3 | 362415 | RN.189884 | BE106848 | 3.62 | 3.51 | 3.62 | 3.62 | 3.62 | 3.62 | 1.09 | down | 1.72E-01 | 8.95E-01 | --- | --- | | |
| 1381157_at | --- | --- | --- | --- | RN.148902 | BF396828 | 2.50 | 2.49 | 2.87 | 2.49 | 2.52 | 2.49 | 1.09 | down | 3.90E-01 | 8.95E-01 | --- | --- | |
| 1398888_at | LOC1073047 | similar to human membrane retroglycoprotein derived 9b | 307347 | RN.78276 | AA129642 | 4.74 | 6.15 | 5.88 | 5.46 | 5.41 | 6.27 | 1.09 | up | 8.27E-01 | 9.45E-01 | --- | --- | | |
| 1373774_at | Cy10b | coenzyme Q10 homolog B (S. cerevisiae) | 301416 | RN.101706 | A1225898 | 10.38 | 9.94 | 10.21 | 10.42 | 10.18 | 10.30 | 1.09 | up | 4.54E-01 | 8.95E-01 | --- | --- | | |
| 1378862_at | Ceacam9 | carcinoembryonic antigen-related cell adhesion molecule 9 | 116711 | RN.81826 | NM_025959 | 2.40 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 1.09 | down | 3.71E-01 | 8.95E-01 | --- | --- | | |
| 1387324_at | --- | --- | --- | --- | RN.107578 | BE2255 | 2.62 | 2.55 | 2.18 | 2.77 | 2.63 | 2.59 | 1.09 | down | 5.94E-01 | 8.95E-01 | --- | --- | |
| 1389230_at | Spn2b | spectrin, beta, non-erythrocytic 2 | 28211 | RN.20389 | NM_019167 | 3.62 | 2.56 | 3.56 | 2.48 | 3.55 | 3.24 | 1.09 | down | 8.29E-01 | 9.48E-01 | --- | --- | | |
| 1371041_at | Msi1 | methylenetetrahydrofolate reductase-like galactosylase specific lectin 1 | 29178 | RN.19176 | NM_022327 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 1.09 | down | 3.61E-01 | 8.95E-01 | --- | --- | | |
| 1371434_at | Ndu4f | NADH dehydrogenase (ubiquinone) flavoprotein 2 | 81728 | RN.28882 | MZ2756 | 8.14 | 8.61 | 8.45 | 8.42 | 7.88 | 8.54 | 1.09 | down | 6.50E-01 | 8.96E | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | PubMed ID | GCRA Intensities (log) | | | | | | FC/MS/ouse | Resonance | Unpaired t-test C ₁ vs C ₂ (p-value) | REG | MTC | |
|----------------|-----------------|---|---------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--|----------|------|---|
| | | | | | | SEPS (C1) | SEPA (C1) | SEPA (C2) | SEPA (C3) | SEPA (C4) | SEPA (C5) | | | | | | |
| 137105_at | Tmed1 | transmembrane emp24 protein transport domain containing 1 | 131461 | Rn.162983 | BG375429 | 3.12 | 3.12 | 2.86 | 2.72 | 3.51 | 3.20 | 1.08 | down | 6.80E-01 | 9.03E-01 | - | - |
| 1302626_at | Pan7a7 | Proteasome (prosome, macropain) subunit, alpha type 7 | 29674 | Rn.105784 | AA974006 | 7.59 | 7.59 | 7.65 | 7.72 | 7.69 | 7.55 | 1.08 | up | 3.38E-01 | 8.95E-01 | - | - |
| 137195_at | Kb21 | lysine-specific serine kinase 2 (Drosophila) | 21674 | Rn.21674 | AA929221 | 2.6 | 2.6 | 2.65 | 2.4 | 2.6 | 2.54 | 1.08 | down | 5.31E-01 | 8.95E-01 | - | - |
| 1399165_s_at | Coc59 | coiled-coil domain containing 97 | 292724 | Rn.164477 | AA843500 | 8.20 | 8.20 | 7.78 | 7.50 | 7.28 | 8.29 | 1.08 | up | 8.48E-01 | 9.53E-01 | - | - |
| 137371_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 7.48E-01 | 10.73 | 1.08 | - |
| 1364659_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 9.07E-01 | 9.72E-01 | - | - |
| 1362696_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.77E-01 | 8.95E-01 | - | - |
| 1394463_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.47E-01 | 8.95E-01 | - | - |
| 1380440_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.53E-01 | 8.95E-01 | - | - |
| 1373293_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 8.66E-01 | 9.53E-01 | - | - |
| 1398510_at | Glyvd1 | GTase activating protein and VPS9 domains 1 | 311880 | Rn.22293 | B129351 | 3.51 | 3.49 | 3.48 | 3.74 | 3.30 | 2.45 | 1.08 | down | 5.95E-01 | 8.95E-01 | - | - |
| 137391_at | Arfp2 | ADP-ribosylation factor interacting protein 2 | 293344 | Rn.73878 | BG375435 | 3.91 | 3.92 | 3.73 | 3.92 | 4.05 | 3.91 | 1.08 | up | 2.25E-01 | 8.95E-01 | - | - |
| 1368702_at | Fu1 | fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase) | 91919 | Rn.11382 | NM_021226 | 2.38 | 2.37 | 2.37 | 2.39 | 2.38 | 2.39 | 1.08 | up | 3.70E-01 | 8.95E-01 | - | - |
| 1367421_at | Copb1 | coatamer protein complex, subunit beta 1 | 114023 | Rn.3427 | NM_008071 | 8.36 | 7.86 | 8.28 | 8.31 | 8.13 | 8.38 | 1.08 | up | 5.64E-01 | 8.95E-01 | - | - |
| 1367135_at | Dars2 | asparaginyl-tRNA synthetase 2 (mitochondrial) | 304919 | Rn.137388 | B1294730 | 3.07 | 3.72 | 2.82 | 2.88 | 3.07 | 3.33 | 1.08 | down | 7.33E-01 | 9.15E-01 | - | - |
| 1371136_at | RCO1166219 | similar to R15101321056 protein | 501523 | Rn.30328 | A411283 | 8.93 | 8.44 | 9.01 | 7.94 | 8.17 | 8.70 | 1.08 | down | 7.02E-01 | 9.07E-01 | - | - |
| 1380771_at | Aix | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.65E-01 | 8.95E-01 | - | - |
| 1368595_at | Tau2 | tubulin-specific acetylase 2 | 24955 | Rn.5675 | U24150 | 4.50 | 6.70 | 6.41 | 6.13 | 5.69 | 6.22 | 1.08 | down | 8.75E-01 | 9.55E-01 | - | - |
| 1376394_at | Dusp19 | dual specificity phosphatase 19 | 311511 | Rn.165563 | BE111118 | 3.53 | 3.22 | 3.33 | 3.22 | 3.21 | 3.22 | 1.08 | down | 8.75E-01 | 9.55E-01 | - | - |
| 1382019_at | Fam113 | family with sequence similarity 113, member A | 296158 | Rn.31861 | AA959062 | 3.51 | 3.47 | 3.71 | 3.47 | 4.12 | 4.22 | 1.08 | up | 6.70E-01 | 9.01E-01 | - | - |
| 1394467_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 8.07E-01 | 8.95E-01 | - | - |
| 1378230_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 2.99E-01 | 8.95E-01 | - | - |
| 1376430_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 4.88E-01 | 8.95E-01 | - | - |
| 1376420_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 8.85E-01 | 9.55E-01 | - | - |
| 1383120_at | Arak | arylsulfatase family, member K | 365619 | Rn.202360 | BE107993 | 4.78 | 3.52 | 3.87 | 3.68 | 3.78 | 4.16 | 1.08 | down | 8.08E-01 | 9.38E-01 | - | - |
| 1373221_at | Diaph1 | Diphthous homolog 1 (Drosophila) | 307483 | Rn.307483 | B1278478 | 4.78 | 4.97 | 4.84 | 4.83 | 4.88 | 5.19 | 1.08 | up | 8.30E-01 | 8.95E-01 | - | - |
| 1372767_at | H16B // LOC5051 | family with sequence similarity 168, member B // similar to Protein KIAA020305175 // 690188 | 102228 | Rn.102228 | A121248 | 6.78 | 7.18 | 7.07 | 7.07 | 6.68 | 7.00 | 1.08 | down | 5.53E-01 | 8.95E-01 | - | - |
| 1386860_at | Sica2s | soluble carrier family 2 (facilitated glucose/fructose transporter), member 5 | 65197 | Rn.10900 | NM_031741 | 7.70 | 8.19 | 7.95 | 7.49 | 7.97 | 8.07 | 1.08 | down | 6.85E-01 | 8.98E-01 | - | - |
| 1373376_at | Agtpb1 | ATP10P1 binding protein 1 | 290986 | Rn.33335 | BF41052 | 6.58 | 6.29 | 6.86 | 6.62 | 6.42 | 6.75 | 1.08 | down | 8.38E-01 | 9.47E-01 | - | - |
| 1371321_at | Covd61 | cytochrome c oxidase, subunit VIb polypeptide 1 | 502592 | --- | A1230604 | 10.70 | 10.85 | 10.98 | 10.77 | 10.77 | 10.67 | 1.08 | down | 2.65E-01 | 8.95E-01 | - | - |
| 1398004_at | Josd2 | glucosyl domain containing 2 | 262678 | Rn.22861 | B1366533 | 5.30 | 5.32 | 5.53 | 5.37 | 5.21 | 5.25 | 1.08 | down | 2.77E-01 | 8.95E-01 | - | - |
| 1371008_at | Pncpa | peptidylase (microsome processing) alpha | 365558 | Rn.11175 | BE107991 | 8.79 | 8.46 | 8.41 | 8.63 | 8.27 | 8.43 | 1.08 | down | 5.31E-01 | 8.95E-01 | - | - |
| 1373199_at | Gla | galactosylated, alpha | 363494 | Rn.98982 | AA843533 | 3.15 | 2.87 | 2.89 | 2.80 | 2.66 | 3.11 | 1.08 | down | 5.31E-01 | 8.95E-01 | - | - |
| 1367337_at | Alx4 | alpha-transmembrane related subunit, alpha-linked (RAD54 homolog, S) | 158547 | Rn.158547 | AA84252 | 6.20 | 6.27 | 6.81 | 6.27 | 6.81 | 6.80 | 1.08 | down | 2.88E-01 | 8.95E-01 | - | - |
| 1377700_at | PainA | proteasome (prosome, macropain) subunit, alpha type 4 | 29671 | Rn.11076 | NM_017281 | 7.53 | 7.67 | 7.70 | 7.50 | 7.17 | 7.91 | 1.08 | down | 6.50E-01 | 8.95E-01 | - | - |
| 1369655_at | Aix3 | alpha-transmembrane related subunit, alpha-linked (RAD54 homolog, S) | 248284 | Rn.107838 | BE110448 | 6.28 | 6.07 | 5.92 | 5.76 | 5.88 | 6.32 | 1.08 | down | 6.18E-01 | 8.95E-01 | - | - |
| 1373655_at | Tau2 | tubulin-specific acetylase 2 | 24955 | Rn.5675 | U24150 | 4.50 | 6.70 | 6.41 | 6.13 | 5.69 | 6.22 | 1.08 | down | 8.75E-01 | 9.55E-01 | - | - |
| 1394659_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 4.67E-01 | 8.95E-01 | - | - |
| 1373755_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 5.38E-01 | 8.95E-01 | - | - |
| 1383779_at | Fg12 | fibrinolytic growth factor 12 | 116030 | Rn.46965 | BF289445 | 2.49 | 2.50 | 2.50 | 2.48 | 2.87 | 2.46 | 1.08 | up | 5.38E-01 | 8.95E-01 | - | - |
| 1383779_at | LOC694112 | similar to KIAA0999 protein | 694112 | Rn.216596 | AA059153 | 3.67 | 3.74 | 3.57 | 3.82 | 3.65 | 3.84 | 1.08 | up | 2.37E-01 | 8.95E-01 | - | - |
| 1387006_2_at | Chk1 | CHK1 checkpoint homolog (S. pombe) | 140583 | Rn.33267 | NM_080400 | 2.47 | 2.80 | 2.48 | 2.43 | 2.49 | 2.50 | 1.08 | down | 3.81E-01 | 8.95E-01 | - | - |
| 1380693_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 8.78E-01 | 9.55E-01 | - | - |
| 1372559_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.39E-01 | 8.95E-01 | - | - |
| 1376757_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 5.26E-01 | 8.95E-01 | - | - |
| 1389271_at | Van | vesorin | 679921 | Rn.198255 | B1274567 | 3.51 | 3.47 | 3.38 | 3.51 | 2.96 | 3.56 | 1.08 | down | 6.09E-01 | 8.95E-01 | - | - |
| 1376771_at | Rpl1 | Rpl1, Paf1/RNA polymerase I complex component, homolog (S. cerevisiae) | 366169 | Rn.22569 | AA117006 | 6.33 | 5.49 | 5.51 | 5.32 | 6.18 | 6.14 | 1.08 | up | 7.97E-01 | 9.34E-01 | - | - |
| 1378014_at | Arp10 | ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide | 25550 | Rn.8525 | A1220395 | 11.37 | 11.38 | 11.50 | 11.52 | 11.48 | 11.55 | 1.08 | up | 8.54E-02 | 8.95E-01 | - | - |
| 1384332_1_s_at | Cas1 | casein kinase 2, alpha 1 polypeptide | 115421 | Rn.46331 | AA112024 | 10.24 | 10.24 | 10.24 | 10.24 | 10.24 | 10.24 | 1.08 | down | 7.48E-01 | 8.95E-01 | - | - |
| 1394876_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.22E-01 | 8.95E-01 | - | - |
| 1377435_at | 7850 // RGD131 | hypothetical protein LOC678630 // similar to hypothetical protein FLJ13231 | 310137 | Rn.207007 | AA54929 | 2.71 | 2.42 | 2.44 | 2.41 | 2.43 | 2.40 | 1.08 | down | 2.22E-01 | 8.95E-01 | - | - |
| 1388609_at | Ped | peptidase, D,D2-endo-Ca ²⁺ /inositol 3-OH transferase | 291075 | Rn.108020 | B127868 | 6.61 | 6.32 | 6.53 | 6.33 | 6.69 | 6.12 | 1.08 | down | 7.68E-01 | 9.23E-01 | - | - |
| 1388194_at | Dlat | diacylglycerol S-acyltransferase | 81654 | Rn.15413 | B126990 | 8.26 | 8.56 | 8.24 | 8.39 | 8.14 | 8.86 | 1.08 | up | 6.70E-01 | 9.00E-01 | - | - |
| 1386641_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 2.88E-01 | 8.95E-01 | - | - |
| 1393006_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 8.41E-01 | 9.50E-01 | - | - |
| 1388719_at | Tmem143 | transmembrane protein 143 | 306953 | Rn.48200 | AA135364 | 5.46 | 5.69 | 5.29 | 5.54 | 5.55 | 5.22 | 1.08 | down | 5.07E-01 | 8.95E-01 | - | - |
| 1376992_at | Rch2 | ring finger and CCHC-type zinc finger domain 2 | 311929 | Rn.134097 | A1113293 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 4.56 | 1.08 | down | 7.48E-01 | 8.95E-01 | - | - |
| 1388719_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | up | 8.02E-01 | 9.39E-01 | - | - |
| 1375060_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | up | 2.35E-01 | 8.95E-01 | - | - |
| 1385543_at | Golb1 | golgi transport 1 homolog B (S. cerevisiae) | 362460 | Rn.19195 | AA919220 | 4.21 | 4.81 | 4.52 | 5.27 | 3.14 | 4.80 | 1.08 | down | 8.86E-01 | 9.63E-01 | - | - |
| 1378961_at | Dold | dephospho-CoA kinase domain containing | 360639 | Rn.102152 | BE107783 | 2.48 | 2.48 | 2.49 | 2.48 | 2.49 | 2.41 | 1.08 | down | 2.69E-01 | 8.95E-01 | - | - |
| 1388195_at | Tu04 | tubulin-like protein 4 | 409116 | Rn.198106 | AA86336 | 4.28 | 4.88 | 4.68 | 4.38 | 4.68 | 5.83 | 1.08 | down | 6.18E-01 | 8.95E-01 | - | - |
| 1378337_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | down | 3.73E-01 | 8.95E-01 | - | - |
| 1388709_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.08 | up | 4.11E-01 | 8.95E-01 | - | - |
| 1389608_at | CG_40784 | chromosome 1 open reading frame, human C1orf5 | 292228 | Rn.189883 | BF289348 | 8.17 | 7.74 | 7.68 | 8.04 | 7.62 | 7.64 | 1.08 | down | 7.74E-01 | 8.95E-01 | - | - |
| 1395819_at | LOC49110 | similar to Zinc finger protein 354A (transcription factor 17) (Renal transcript) | 499110 | Rn.161813 | BF542853 | 2.99 | 2.96 | 3.02 | 3.32 | 2.98 | 2.99 | 1.08 | up | 3.90E | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRA Intensity (log2) | | | | | | FC/MScore | Resonance | Unpaired t-test Cvs vs CH (p-values) | REG | MTC | |
|------------|------------------|--|----------|-----------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------------|----------|----------|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEPB (Ch) | SEPC (Ch) | SEPD (Ch) | SEPE (Ch) | | | | | | |
| 1389763_at | --- | --- | --- | --- | BF397229 | 2.46 | 2.44 | 2.48 | 2.51 | 2.71 | 2.45 | 1.08 | up | 2.56E-01 | 8.95E-01 | --- | |
| 1390723_at | --- | --- | --- | Rn.205113 | BF386742 | 2.46 | 2.84 | 2.49 | 2.46 | 2.47 | 2.53 | 1.08 | down | 4.40E-01 | 8.95E-01 | --- | |
| 1370605_at | --- | --- | --- | --- | AB191112 | 2.79 | 2.07 | 3.07 | 2.71 | 2.72 | 2.72 | 1.08 | down | 3.72E-01 | 8.95E-01 | --- | |
| 1388216_at | RA228 | RA228, member RA9 oncogene family | 117049 | Rn.40323 | NM_053978 | 8.39 | 8.39 | 8.35 | 8.40 | 8.35 | 8.70 | 1.08 | up | 3.91E-01 | 8.95E-01 | --- | |
| 1370170_at | Hmnp1 | ORF4323, nuclear protein ribonucleoprotein U | 117280 | Rn.41438 | AB054528 | 10.54 | 10.54 | 10.48 | 10.48 | 10.50 | 10.50 | 1.08 | down | 1.05E-01 | 8.95E-01 | --- | |
| 1381471_at | --- | --- | --- | --- | AA001177 | 6.75 | 7.07 | 6.08 | 6.60 | 7.24 | 6.38 | 1.08 | up | 8.00E-01 | 8.95E-01 | --- | |
| 1378987_at | --- | --- | --- | --- | AA799503 | 8.12 | 6.08 | 5.36 | 6.53 | 7.02 | 6.32 | 1.08 | up | 9.06E-01 | 8.95E-01 | --- | |
| 1373392_at | 33 III RGD113116 | Orai3 calcium release-activated calcium modulator 3 (similar to KAA0339) | 330000 | Rn.430000 | AB119929 | 3.12 | 3.12 | 4.10 | 4.41 | 3.43 | 4.10 | 1.08 | down | 3.89E-01 | 8.95E-01 | --- | |
| 1383730_at | Tc9c | Tetrahiolepid repeat domain 9C | 309196 | Rn.16477 | BC588930 | 2.76 | 3.11 | 3.17 | 2.95 | 3.33 | 3.07 | 1.08 | up | 5.69E-01 | 8.95E-01 | --- | |
| 1381490_at | Angpt1 | angiopoietin 1 | 8907 | Rn.16477 | BC588930 | 2.95 | 2.80 | 2.80 | 2.95 | 2.80 | 2.95 | 1.08 | down | 2.72E-01 | 8.95E-01 | --- | |
| 1388476_at | --- | --- | --- | --- | AW527499 | 4.72 | 4.60 | 4.60 | 4.60 | 4.18 | 4.62 | 1.08 | down | 6.17E-01 | 8.95E-01 | --- | |
| 1392078_at | Star9b | SMAR-related lipid transfer (START) domain containing 6 | 291527 | Rn.204855 | AH175745 | 2.44 | 2.43 | 2.44 | 2.44 | 2.46 | 2.72 | 1.08 | up | 3.12E-01 | 8.95E-01 | --- | |
| 1372234_at | Lx11 | Lx11 homolog (mouse)-like | 496977 | Rn.38332 | AA809050 | 2.79 | 4.05 | 2.74 | 3.76 | 2.72 | 2.77 | 1.08 | down | 8.75E-01 | 8.95E-01 | --- | |
| 1379242_at | --- | --- | --- | --- | BF398312 | 4.55 | 4.80 | 3.40 | 3.40 | 3.73 | 4.27 | 1.08 | down | 3.89E-01 | 8.95E-01 | --- | |
| 1381696_at | Ubp1 | uridylate diacylglycerol beta | 116593 | NM_11110 | BF41434 | 2.41 | 2.39 | 2.41 | 2.42 | 2.71 | 2.40 | 1.08 | up | 3.95E-01 | 8.95E-01 | --- | |
| 1388311_at | Mfap1 | Mof4 family associated protein 1 | 262826 | Rn.393 | AA799503 | 11.16 | 11.51 | 11.58 | 11.27 | 11.21 | 11.48 | 1.08 | down | 5.23E-01 | 8.95E-01 | --- | |
| 1378204_at | Mafk3 | MTEF domain containing 3 | 365696 | Rn.13073 | BF52441 | 3.36 | 2.74 | 2.74 | 3.12 | 2.70 | 2.87 | 1.08 | down | 7.42E-01 | 8.95E-01 | --- | |
| 1391430_at | Cy5v2 | cytochrome b5 reductase 2 | 363345 | Rn.16198 | BE105585 | 2.53 | 2.33 | 2.52 | 2.73 | 2.53 | 2.50 | 1.08 | down | 2.83E-01 | 8.95E-01 | --- | |
| 1389755_at | Atp6cv | ATPase, H+ transporting, lysosomal 18kDa, V0 subunit c | 170667 | Rn.1869 | NM_130823 | 8.84 | 9.13 | 9.45 | 9.02 | 8.88 | 9.11 | 1.08 | down | 6.91E-01 | 8.95E-01 | --- | |
| 1389373_at | --- | --- | --- | --- | AT09689 | 2.33 | 2.56 | 2.60 | 2.71 | 2.59 | 2.51 | 1.08 | up | 3.65E-01 | 8.95E-01 | --- | |
| 1382323_at | Rheb1 | Ras homologue enriched in brain like 1 | 339599 | Rn.43211 | AA09262 | 2.32 | 2.31 | 2.62 | 2.31 | 2.32 | 2.30 | 1.08 | down | 3.70E-01 | 8.95E-01 | --- | |
| 1381715_at | --- | --- | --- | --- | BE107590 | 2.42 | 2.40 | 2.42 | 2.72 | 2.43 | 2.42 | 1.08 | up | 3.51E-01 | 8.95E-01 | --- | |
| 1388102_at | Ptgr1 | prostaglandin reductase 1 | 192227 | Rn.10596 | U6526 | 5.83 | 6.73 | 3.69 | 5.16 | 4.49 | 5.49 | 1.08 | up | 8.82E-01 | 8.95E-01 | --- | |
| 1393765_at | --- | --- | --- | --- | AA430796 | 2.89 | 2.85 | 3.02 | 2.87 | 2.89 | 2.89 | 1.08 | down | 2.95E-01 | 8.95E-01 | --- | |
| 1390110_at | Necr | nuclear receptor coactivator 2 | 163369 | Rn.163369 | AA43081 | 5.84 | 4.04 | 4.31 | 4.41 | 4.23 | 5.24 | 1.08 | down | 8.78E-01 | 8.95E-01 | --- | |
| 1398252_at | Mecr | mitochondrial trans-2-enoyl-CoA reductase | 29470 | Rn.15375 | NM_012709 | 5.32 | 4.41 | 4.18 | 4.39 | 5.48 | 4.34 | 1.08 | up | 8.48E-01 | 8.95E-01 | --- | |
| 1387946_at | Lgals3bp | lectin, galactoside-binding, soluble, 3 binding protein | 244955 | Rn.3251 | AF065438 | 2.36 | 2.36 | 2.37 | 3.09 | 2.37 | 2.35 | 1.08 | up | 7.26E-01 | 8.95E-01 | --- | |
| 1388102_at | Dd11 | 11kDa carrier family 4, sodium bicarbonate cotransporter, member 5 | 319787 | Rn.33391 | BE110111 | 2.62 | 2.61 | 2.65 | 2.49 | 2.62 | 3.98 | 1.08 | down | 5.73E-01 | 8.95E-01 | --- | |
| 1393364_at | Slc22a8 | solute carrier family 12 (potassium/xanin transporters), member 8 | 266733 | Rn.15381 | BM358460 | 5.11 | 5.04 | 6.76 | 5.82 | 5.00 | 5.58 | 1.08 | down | 8.59E-01 | 8.95E-01 | --- | |
| 1376854_at | Epm1 | protein phosphatase 1 (formerly 2C)-like | 310506 | Rn.133275 | BE116408 | 2.55 | 2.54 | 2.52 | 2.68 | 2.55 | 2.56 | 1.08 | down | 5.54E-01 | 8.95E-01 | --- | |
| 1380676_at | Parg1 | 17kDa carrier family 4, sodium bicarbonate cotransporter, member 7 | 80987 | Rn.22516 | AF148323 | 3.97 | 3.61 | 3.71 | 3.13 | 3.96 | 4.51 | 1.08 | up | 8.14E-01 | 8.95E-01 | --- | |
| 1389913_at | --- | --- | --- | --- | AA07047 | 2.86 | 2.86 | 2.86 | 2.89 | 2.89 | 2.89 | 1.08 | down | 8.95E-01 | 8.95E-01 | --- | |
| 1387005_at | Ctst | cathepsin S | 50554 | Rn.11347 | NM_017320 | 7.51 | 7.37 | 7.51 | 7.50 | 7.30 | 7.51 | 1.08 | up | 5.97E-01 | 8.95E-01 | --- | |
| 13901538 | ROD150318 | similar to expressed sequence AW557679 | 131529 | Rn.17900 | AJ223261 | 2.68 | 2.51 | 2.67 | 2.41 | 2.52 | 2.62 | 1.08 | down | 2.77E-01 | 8.95E-01 | --- | |
| 1384004_at | Mafk3 | mitogen-activated protein kinase, WW and PDZ domain containing 1 | 365696 | Rn.13073 | BF52441 | 3.36 | 2.74 | 2.74 | 3.12 | 2.70 | 2.87 | 1.08 | down | 7.42E-01 | 8.95E-01 | --- | |
| 1393041_at | Smc2 | structural maintenance of chromosomes 2 | 362519 | Rn.94452 | AW53052 | 2.58 | 2.61 | 2.82 | 2.74 | 2.78 | 2.81 | 1.08 | up | 2.60E-01 | 8.95E-01 | --- | |
| 1386111_at | Dsm1 | 26S ribosomal protein L24 | 362519 | Rn.94452 | AW53052 | 2.58 | 2.61 | 2.82 | 2.74 | 2.78 | 2.81 | 1.08 | up | 2.60E-01 | 8.95E-01 | --- | |
| 1392335_at | Tmem119 | transmembrane protein 119 | 304581 | Rn.155038 | AI98550 | 2.62 | 2.31 | 2.32 | 2.32 | 2.31 | 2.31 | 1.08 | down | 3.57E-01 | 8.95E-01 | --- | |
| 1389113_at | --- | --- | --- | --- | AA07496 | 2.70 | 2.41 | 2.42 | 2.40 | 2.42 | 2.39 | 1.08 | down | 3.31E-01 | 8.95E-01 | --- | |
| 1389172_at | --- | --- | --- | --- | AB38919 | 2.56 | 2.58 | 2.44 | 2.44 | 2.44 | 2.44 | 1.08 | down | 8.95E-01 | 8.95E-01 | --- | |
| 1388037_at | Rat1 | Ras-like without CAAX 1 | 499652 | Rn.50417 | BM98622 | 3.36 | 3.61 | 3.36 | 3.39 | 3.36 | 3.27 | 1.08 | down | 3.16E-01 | 8.95E-01 | --- | |
| 1394095_at | Gnk1 | gypsy retrotransposon integrase 1 | 316887 | Rn.5553 | AA80714 | 3.01 | 2.87 | 2.81 | 2.74 | 2.60 | 3.46 | 1.07 | up | 7.35E-01 | 8.95E-01 | --- | |
| 1381835_at | Elk3 | ELK3, member of ETS oncogene family | 362871 | Rn.19008 | BM32135 | 4.43 | 3.18 | 3.20 | 3.26 | 3.20 | 3.96 | 1.07 | up | 8.74E-01 | 8.95E-01 | --- | |
| 1392102_at | --- | --- | --- | --- | BF19259 | 2.56 | 2.68 | 2.65 | 2.87 | 2.85 | 2.87 | 1.08 | down | 1.05E-01 | 8.95E-01 | --- | |
| 1387527_at | Chv8 | chromatin helicase DNA binding protein 8 | 65027 | Rn.98337 | BF22681 | 7.39 | 7.22 | 7.16 | 7.14 | 7.02 | 7.31 | 1.07 | down | 3.87E-01 | 8.95E-01 | --- | |
| 1389794_at | Toe1 | transcription elongation factor B (SII), polypeptide 1 | 64525 | Rn.5996 | NM_022953 | 10.39 | 10.32 | 10.37 | 10.20 | 10.18 | 10.38 | 1.07 | down | 1.95E-01 | 8.95E-01 | --- | |
| 1389302_at | Gser | G protein-coupled estrogen receptor 1 | 381036 | NM_133713 | NM_133713 | 2.59 | 2.87 | 2.87 | 2.81 | 2.80 | 2.81 | 1.07 | down | 8.26E-01 | 8.95E-01 | --- | |
| 1381808_at | RCG_34148 | alanine:glyoxylate aminotransferase 2,like 2 | 10019747 | Rn.21734 | AA11255 | 4.76 | 3.88 | 2.67 | 4.39 | 4.50 | 2.75 | 1.07 | up | 9.06E-01 | 8.95E-01 | --- | |
| 1388463_at | Pknox1 | protein tyrosine phosphatase, non-receptor type 1, beta | 52521 | Rn.14473 | BC435071 | 2.39 | 2.40 | 2.37 | 2.39 | 2.40 | 2.37 | 1.07 | down | 6.81E-01 | 8.95E-01 | --- | |
| 1387540_at | Birc1 | cellular inhibitor of apoptosis protein 1 | 497672 | Rn.21794 | NM_112514 | 2.51 | 2.51 | 2.52 | 2.50 | 2.52 | 2.83 | 1.07 | down | 3.98E-01 | 8.95E-01 | --- | |
| 1374541_at | Gys1 | glycogen synthase 1, muscle | 690987 | Rn.95278 | BM39217 | 3.56 | 3.24 | 3.26 | 3.22 | 3.25 | 3.28 | 1.07 | down | 3.82E-01 | 8.95E-01 | --- | |
| 1387152_at | Ager | aglycosylated protein and product-specific receptor | 11722 | Rn.98337 | NM_033326 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 1.07 | down | 8.95E-01 | 8.95E-01 | --- | |
| 1370913_at | Rsd1 | radical S-adenosyl methionine domain containing receptor | 61590 | Rn.14882 | AA09634 | 2.72 | 2.44 | 2.44 | 2.44 | 2.44 | 2.41 | 1.07 | down | 3.38E-01 | 8.95E-01 | --- | |
| 1391095_at | --- | --- | --- | --- | BE118077 | 2.43 | 2.55 | 2.47 | 2.40 | 2.46 | 2.89 | 1.07 | up | 5.48E-01 | 8.95E-01 | --- | |
| 1389565_at | Atp2a2 | ATPase, Ca++ transporting, cardiac muscle, slow twitch 2 | 29693 | Rn.20050 | NM_017280 | 8.05 | 8.15 | 8.26 | 8.05 | 8.15 | 8.26 | 1.07 | down | 8.24E-01 | 8.95E-01 | --- | |
| 1376823_at | --- | --- | --- | --- | Rn.178439 | BC37815 | 2.43 | 2.42 | 2.46 | 2.76 | 2.44 | 2.42 | 1.07 | up | 4.05E-01 | 8.95E-01 | --- |
| 1389320_at | --- | --- | --- | --- | AA074333 | 2.59 | 2.50 | 2.55 | 2.59 | 2.54 | 2.51 | 1.07 | up | 4.91E-01 | 8.95E-01 | --- | |
| 1376240_at | Fuc3 | fucosylase, alpha-L-2, plasma | 292485 | Rn.47769 | BM38993 | 3.82 | 3.91 | 5.51 | 4.52 | 3.98 | 4.43 | 1.07 | down | 8.65E-01 | 8.95E-01 | --- | |
| 1392876_at | Zfp828 | zinc finger protein 828 | 306647 | Rn.3851 | AA00044 | 3.67 | 4.11 | 3.79 | 3.75 | 4.16 | 3.97 | 1.07 | down | 5.89E-01 | 8.95E-01 | --- | |
| 1391640_at | --- | --- | --- | --- | BF20628 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.07 | down | 8.95E-01 | 8.95E-01 | --- | |
| 1389117_at | Aqr III Znf70 | aquarius homolog (mouse) // zinc finger protein 770 | 366163 | Rn.37299 | AF533883 | 3.32 | 3.14 | 2.86 | 2.98 | 2.79 | 3.23 | 1.07 | down | 6.04E-01 | 8.95E-01 | --- | |
| 1386655_at | Tmzp | TMZF3 interacting protein | 305451 | Rn.17607 | BF445182 | 2.39 | 2.37 | 2.71 | 2.38 | 2.38 | 2.40 | 1.07 | down | 3.96E-01 | 8.95E-01 | --- | |
| 1377908_at | --- | --- | --- | --- | AA08225 | 2.47 | 2.46 | 2.61 | 2.68 | 2.61 | 2.61 | 1.07 | down | 8.95E-01 | 8.95E-01 | --- | |
| 1391970_at | Car11 | carbonic anhydrase 11 | 308588 | Rn.44281 | BM38197 | 2.66 | 2.55 | 2.31 | 2.41 | 2.41 | 2.39 | 1.07 | down | 3.66E-01 | 8.95E-01 | --- | |
| 1384550_at | ROD156885 | similar to RIKEN cDNA 181030 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/MSouse | Resonance | Unpaired | Clust C vs Clust B | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|----------|--------------------|-----|-----|
| | | | | | | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | SEFP (Cst) | | | | | | |
| 1370553_at | Sx2 | synovian 2 | 25130 | 12023 | L20623 | 2.51 | 3.91 | 3.94 | 2.41 | 2.83 | 3.00 | 3.24 | 1.07 | down | 4.39E-01 | 8.95E-01 | - | - | | | |
| 1370640_at | PH1 | PTFRAE protein kinase 1 | 262334 | Rn.12908 | BF450446 | 2.48 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 1.07 | up | 3.96E-01 | 8.95E-01 | - | - | | | |
| 1370690_at | LOC100900 | RNA specific protease 34 | 302316 | Rn.10950 | BF450446 | 4.15 | 3.57 | 4.45 | 3.57 | 4.45 | 3.57 | 4.21 | 1.07 | down | 8.17E-01 | 9.41E-01 | - | - | | | |
| 1370712_at | Tes34 | RNA splicing endonuclease 34 homolog (S. cerevisiae) | 302334 | Rn.1591 | A1178956 | 2.22 | 2.27 | 2.33 | 2.27 | 2.33 | 2.27 | 2.44 | 1.07 | up | 1.68E-01 | 8.95E-01 | - | - | | | |
| 1370801_at | --- | --- | --- | Rn.26537 | A1058615 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.38 | 1.07 | down | 4.24E-01 | 8.95E-01 | - | - | | | |
| 1370852_at | --- | --- | --- | Rn.165886 | BM351487 | 4.60 | 4.25 | 4.23 | 4.09 | 4.44 | 4.28 | 4.07 | 1.07 | down | 5.82E-01 | 8.95E-01 | - | - | | | |
| 1370853_at | Boa3 | Breast carcinoma amplified sequence 3 | 363862 | Rn.203379 | BF284448 | 5.13 | 4.92 | 5.30 | 5.06 | 5.33 | 5.23 | 5.07 | 1.07 | up | 9.15E-01 | 8.95E-01 | - | - | | | |
| 1370854_at | Rasf1 | Ras family GTPase domain family member 1 | 35140 | Rn.83942 | A1103943 | 4.83 | 4.63 | 4.45 | 4.43 | 4.54 | 4.57 | 4.07 | 1.07 | down | 5.10E-01 | 8.95E-01 | - | - | | | |
| 1370855_at | Nr2f | neurotrophin-1 precursor | 60780 | Rn.62354 | NM_023952 | 3.44 | 3.23 | 3.28 | 3.20 | 3.24 | 3.23 | 3.20 | 1.07 | down | 2.33E-01 | 8.95E-01 | - | - | | | |
| 1370856_at | Nr2f | neurotrophin-1 precursor | 60780 | Rn.62354 | NM_023952 | 3.44 | 3.23 | 3.28 | 3.20 | 3.24 | 3.23 | 3.20 | 1.07 | down | 2.33E-01 | 8.95E-01 | - | - | | | |
| 1370857_at | Abat | 4-aminobutyrate aminotransferase | 61632 | Rn.10590 | U2701 | 7.02 | 6.48 | 6.82 | 6.97 | 6.88 | 7.20 | 6.87 | 1.07 | down | 6.83E-01 | 8.95E-01 | - | - | | | |
| 1370858_at | RGD1559886 | similar to RIKEN cDNA 2310220B5 | 498967 | Rn.6137 | AW263851 | 3.46 | 4.07 | 3.18 | 3.19 | 4.77 | 3.84 | 3.84 | 1.07 | up | 9.00E-01 | 8.95E-01 | - | - | | | |
| 1370859_at | Sica1 | soluble carrier family 5 (putative) subfamily 1, member 1 | 25552 | Rn.10224 | AB007020 | 4.95 | 5.76 | 5.45 | 6.25 | 4.97 | 5.26 | 5.07 | 1.07 | down | 2.45E-01 | 8.95E-01 | - | - | | | |
| 1370860_at | Kovq5 | potassium voltage-gated channel, subfamily C, member 5-like | 292973 | Rn.21185 | BF14224 | 3.98 | 3.72 | 4.18 | 3.97 | 4.11 | 3.53 | 3.07 | 1.07 | down | 6.86E-01 | 8.95E-01 | - | - | | | |
| 1370861_at | Podp | podocalyxin-like | 192181 | Rn.162741 | AB020726 | 2.37 | 2.36 | 2.46 | 2.37 | 2.39 | 2.16 | 2.16 | 1.07 | down | 3.06E-01 | 8.95E-01 | - | - | | | |
| 1370862_at | Znrf6b | zinc finger protein 608 | 207296 | Rn.100300 | BF22697 | 2.69 | 2.84 | 2.71 | 2.65 | 2.70 | 2.62 | 2.62 | 1.07 | down | 1.57E-01 | 8.95E-01 | - | - | | | |
| 1370863_at | Por1 | P450 (cytochrome) oxidoreductase | 29441 | Rn.11359 | NM_031576 | 8.80 | 7.96 | 7.51 | 8.37 | 7.57 | 8.61 | 8.61 | 1.07 | up | 8.60E-01 | 8.95E-01 | - | - | | | |
| 1370864_at | Home2 | homeobox domain 2 (Drosophila) | 29547 | Rn.30014 | NM_053309 | 3.38 | 3.32 | 3.47 | 3.81 | 3.22 | 3.42 | 3.39 | 1.07 | up | 6.32E-01 | 8.95E-01 | - | - | | | |
| 1370865_at | LOC498912 | similar to Alpha- and gamma-actinin-binding protein p24 | 498912 | Rn.19542 | AA589106 | 6.52 | 6.66 | 7.49 | 6.63 | 7.04 | 6.71 | 6.71 | 1.07 | down | 7.90E-01 | 8.95E-01 | - | - | | | |
| 1370866_at | Nr2f1 | NAD(P)H dehydrogenase 2, subunit 1 | 24314 | Rn.11234 | JQ2979 | 2.63 | 3.90 | 3.04 | 3.43 | 2.26 | 4.15 | 4.07 | 1.07 | up | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370867_at | Gm1 | glutamate receptor, metabotropic 1 | 24414 | Rn.87787 | Y1810 | 2.53 | 2.50 | 2.52 | 2.52 | 2.82 | 2.50 | 2.50 | 1.07 | up | 4.24E-01 | 8.95E-01 | - | - | | | |
| 1370868_at | Capn2 | calpain, small subunit 1 | 219156 | Rn.36430 | U10861 | 7.09 | 6.86 | 7.26 | 6.91 | 6.88 | 7.14 | 7.07 | 1.07 | down | 5.47E-01 | 8.95E-01 | - | - | | | |
| 1370869_at | Ti | tubulin tyrosine ligase | 117527 | Rn.205120 | AW263852 | 4.53 | 5.73 | 5.55 | 6.28 | 5.19 | 5.19 | 5.19 | 1.07 | down | 7.73E-01 | 8.95E-01 | - | - | | | |
| 1370870_at | Nah3 | NADH dehydrogenase (ubiquinone) flavoprotein 3 | 64539 | Rn.6452 | AU228039 | 2.70 | 2.84 | 2.89 | 2.52 | 2.90 | 2.73 | 2.73 | 1.07 | up | 5.00E-01 | 8.95E-01 | - | - | | | |
| 1370871_at | --- | --- | --- | Rn.203984 | BC668700 | 2.35 | 2.34 | 2.83 | 2.34 | 2.36 | 2.35 | 2.35 | 1.07 | down | 3.84E-01 | 8.95E-01 | - | - | | | |
| 1370872_at | Mps18c | mitochondrial ribosomal protein S18C | 288469 | Rn.102741 | A071722 | 6.04 | 7.85 | 9.95 | 8.10 | 7.59 | 8.43 | 8.43 | 1.07 | up | 9.40E-01 | 8.95E-01 | - | - | | | |
| 1370873_at | --- | --- | --- | Rn.43754 | BC333954 | 4.84 | 3.88 | 2.51 | 2.62 | 3.88 | 4.44 | 4.44 | 1.07 | down | 9.18E-01 | 8.95E-01 | - | - | | | |
| 1370874_at | --- | --- | --- | Rn.164771 | AA573729 | 2.48 | 2.52 | 2.71 | 2.48 | 2.49 | 2.47 | 2.47 | 1.07 | down | 2.63E-01 | 8.95E-01 | - | - | | | |
| 1370875_at | Ppp2c5 | protein phosphatase 2, regulatory subunit B' gamma isoform | 691318 | Rn.2153 | BC367044 | 5.83 | 7.16 | 6.98 | 6.22 | 6.32 | 6.77 | 6.77 | 1.07 | down | 8.36E-01 | 8.95E-01 | - | - | | | |
| 1370876_at | --- | --- | --- | Rn.222044 | AA118164 | 8.25 | 8.37 | 8.26 | 7.97 | 8.69 | 8.69 | 8.69 | 1.07 | down | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370877_at | --- | --- | --- | Rn.2862 | NM_053569 | 5.29 | 5.86 | 5.89 | 5.45 | 6.70 | 6.07 | 6.07 | 1.07 | up | 7.18E-01 | 8.95E-01 | - | - | | | |
| 1370878_at | Fb1 | membrane-bound transcription factor peptidase, site 1 | 89842 | Rn.21681 | AA118164 | 5.21 | 6.09 | 5.89 | 5.45 | 6.70 | 6.07 | 6.07 | 1.07 | up | 7.18E-01 | 8.95E-01 | - | - | | | |
| 1370879_at | --- | --- | --- | Rn.11115 | BF45850 | 7.38 | 7.08 | 7.50 | 7.50 | 7.01 | 7.72 | 7.72 | 1.07 | up | 7.24E-01 | 8.95E-01 | - | - | | | |
| 1370880_at | --- | --- | --- | Rn.10552 | GC673211 | 5.30 | 5.19 | 5.35 | 5.21 | 5.18 | 5.18 | 5.18 | 1.07 | down | 1.22E-01 | 8.95E-01 | - | - | | | |
| 1370881_at | --- | --- | --- | Rn.207740 | BF22697 | 2.77 | 2.82 | 2.93 | 2.77 | 2.82 | 2.89 | 2.89 | 1.07 | down | 4.07E-01 | 8.95E-01 | - | - | | | |
| 1370882_at | Cu | custerin | 24854 | Rn.1780 | AF14857 | 5.40 | 5.86 | 5.35 | 6.83 | 4.76 | 5.28 | 5.28 | 1.07 | up | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370883_at | --- | --- | --- | Rn.62409 | GC665316 | 4.63 | 5.39 | 5.12 | 4.01 | 4.66 | 5.69 | 5.69 | 1.07 | down | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370884_at | Znrf20 | Zinc finger, DHHC-type containing 20 | 305923 | Rn.22849 | A1178965 | 7.44 | 7.66 | 8.12 | 7.84 | 7.68 | 7.96 | 7.96 | 1.07 | up | 6.91E-01 | 8.95E-01 | - | - | | | |
| 1370885_at | Cyp21 | cytochrome P450, family 2, subfamily 5, polypeptide 1 | 294445 | Rn.63399 | BC27463 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 1.07 | down | 9.18E-01 | 8.95E-01 | - | - | | | |
| 1370886_at | Man1c1 | mannosidase, alpha, class 1C, containing 1 | 362625 | Rn.29300 | BF289500 | 2.71 | 2.45 | 2.46 | 2.45 | 2.46 | 2.44 | 2.44 | 1.07 | down | 3.50E-01 | 8.95E-01 | - | - | | | |
| 1370887_at | --- | --- | --- | Rn.16574 | BM307179 | 11.28 | 10.33 | 10.62 | 11.23 | 11.04 | 10.27 | 10.27 | 1.07 | down | 6.06E-01 | 8.95E-01 | - | - | | | |
| 1370888_at | --- | --- | --- | Rn.15239 | BE118972 | 2.62 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.07 | down | 2.84E-01 | 8.95E-01 | - | - | | | |
| 1370889_at | --- | --- | --- | Rn.21718 | BM391003 | 2.39 | 2.32 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 1.07 | down | 2.84E-01 | 8.95E-01 | - | - | | | |
| 1370890_at | Mps11 | mitochondrial ribosomal protein S11 | 481935 | Rn.4857 | AA85708 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 1.07 | down | 2.70E-01 | 8.95E-01 | - | - | | | |
| 1370891_at | Mtm1 | methylene tetrahydrofolate dehydrogenase (NADP-dependent), methylene similar to Rap2-binding protein 9 | 64300 | Rn.1114 | NM_022508 | 8.53 | 8.83 | 8.24 | 8.66 | 8.17 | 8.49 | 8.49 | 1.07 | down | 7.00E-01 | 8.95E-01 | - | - | | | |
| 1370892_at | MGCL27470 | MGCL27470 | 68900 | Rn.14749 | A007335 | 2.38 | 2.31 | 2.38 | 2.57 | 2.38 | 2.39 | 2.39 | 1.07 | up | 2.31E-01 | 8.95E-01 | - | - | | | |
| 1370893_at | Fact2 | F-actin kinase domain containing 41 | 451643 | Rn.451643 | BC36343 | 4.27 | 4.75 | 4.75 | 4.50 | 4.50 | 4.50 | 4.50 | 1.07 | down | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370894_at | --- | --- | --- | Rn.20135 | BE117848 | 2.36 | 2.35 | 2.69 | 2.36 | 2.34 | 2.34 | 2.34 | 1.07 | down | 4.66E-01 | 8.95E-01 | - | - | | | |
| 1370895_at | Rf1 | ribophyllin/ribosyl chain anchor biosynthesis, class X | 374747 | Rn.34071 | A1178965 | 5.21 | 6.09 | 5.89 | 5.45 | 6.70 | 6.07 | 6.07 | 1.07 | up | 8.37E-01 | 8.95E-01 | - | - | | | |
| 1370896_at | Rf187 | ring finger protein 187 | 266631 | Rn.102425 | BI21692 | 7.08 | 7.33 | 7.00 | 7.14 | 7.09 | 7.46 | 7.46 | 1.07 | up | 5.78E-01 | 8.95E-01 | - | - | | | |
| 1370897_at | Bmp1 | bone morphogenetic protein 1 | 83470 | Rn.90305 | AA012139 | 2.53 | 2.49 | 2.54 | 2.64 | 2.67 | 2.53 | 2.53 | 1.07 | up | 1.05E-01 | 8.95E-01 | - | - | | | |
| 1370898_at | Thc1615 | THC1615 domain family, member 15 | 1586861 | Rn.15910 | AA12401 | 4.57 | 4.15 | 4.15 | 4.24 | 4.13 | 4.13 | 4.13 | 1.07 | down | 1.05E-01 | 8.95E-01 | - | - | | | |
| 1370899_at | --- | --- | --- | Rn.127157 | AA12401 | 6.79 | 6.72 | 6.79 | 6.74 | 6.62 | 7.24 | 7.24 | 1.07 | up | 6.85E-01 | 8.95E-01 | - | - | | | |
| 1370900_at | Sica3 | soluble carrier family 3 (proton/amino acid symporter), member 1 | 155205 | Rn.76305 | NM_130415 | 5.46 | 5.71 | 5.33 | 4.95 | 5.99 | 5.29 | 5.29 | 1.07 | down | 7.93E-01 | 8.95E-01 | - | - | | | |
| 1370901_at | Cc341 | coiled-coil domain containing 41 | 291729 | Rn.45465 | BC36343 | 4.27 | 4.27 | 4.27 | 4.27 | 4.27 | 4.27 | 4.27 | 1.07 | down | 8.86E-01 | 8.95E-01 | - | - | | | |
| 1370902_at | LOC858966 | similar to K11B4 | 688986 | Rn.27139 | BF408740 | 6.33 | 6.64 | 6.52 | 6.67 | 6.34 | 6.31 | 6.31 | 1.07 | down | 5.79E-01 | 8.95E-01 | - | - | | | |
| 1370903_at | RGD1311678 | similar to 4921517L17R9 protein | 295311 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.07 | down | 7.86E-01 | 8.95E-01 | - | - | | | |
| 1370904_at | --- | --- | --- | --- | BE088664 | 2.52 | 2.38 | 2.41 | 2.41 | 2.81 | 2.37 | 2.37 | 1.07 | down | 5.69E-01 | 8.95E-01 | - | - | | | |
| 1370905_at | --- | --- | --- | --- | BF406130 | 2.60 | 4.58 | 3.52 | 3.48 | 3.10 | 4.05 | 4.05 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (CEN) | SEPA (CEN) | SEP3 (CEN) | SEPP (CEN) | SEPS (CAS) | SEPA (CAS) | SEP3 (CAS) | SEPP (CAS) | FCMhouse | Residual | Unpaired t-test vs CEN (p-value) | Unpaired t-test vs CAS (p-value) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------------------------------|----------------------------------|-----|-----|
| 1381641 | Bcax3 | Breast carcinoma amplified sequence 3 | 363662 | Rn.203379 | BE097328 | 2.32 | 2.37 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 4.38E-01 | 8.95E-01 | - | - |
| 1393071 | LOC61041 | similar to hypothetical protein | 361041 | Rn.201768 | BE104303 | 2.94 | 2.88 | 2.89 | 2.91 | 2.82 | 2.71 | 2.53 | 2.60 | 1.00 | down | 2.15E-01 | 8.95E-01 | - | - |
| 1380877 | Hmnp4 | HLX box domain containing 4 | 361041 | Rn.201768 | BE104303 | 2.94 | 2.88 | 2.89 | 2.91 | 2.82 | 2.71 | 2.53 | 2.60 | 1.00 | down | 5.90E-01 | 8.95E-01 | - | - |
| 1383723 | Sh2b3 | SH2B adaptor protein 3 | 58838 | Rn.11228 | NM_031621 | 3.55 | 3.07 | 2.57 | 2.88 | 2.98 | 2.88 | 2.60 | 2.60 | 1.00 | down | 7.68E-01 | 9.24E-01 | - | - |
| 1376265 | Steap2 | six transmembrane epithelial antigen of the prostate 2 | 312052 | Rn.203614 | AA115427 | 5.71 | 5.51 | 4.93 | 5.82 | 5.35 | 5.25 | 5.00 | 4.90 | 1.00 | down | 7.76E-01 | 9.27E-01 | - | - |
| 1393435 | Pu2 | phosphoprotein C, rib 2 | 137376 | Rn.137376 | U05290 | 2.83 | 2.61 | 2.44 | 2.94 | 2.84 | 2.64 | 2.44 | 2.44 | 1.00 | down | 6.95E-01 | 9.25E-01 | - | - |
| 1383233 | Lgals8 | lectin, galactoside-binding, soluble 8 | 116641 | Rn.10069 | AA11914 | 8.83 | 8.96 | 9.30 | 8.92 | 9.04 | 8.86 | 8.66 | 8.66 | 1.00 | down | 6.82E-01 | 8.95E-01 | - | - |
| 1385822 | --- | --- | --- | Rn.20336 | BE109819 | 2.71 | 2.61 | 2.60 | 2.66 | 2.67 | 2.58 | 2.58 | 2.58 | 1.00 | down | 1.72E-01 | 8.95E-01 | - | - |
| 1378899 | --- | --- | --- | Rn.20022 | BF409044 | 4.09 | 3.26 | 3.72 | 5.63 | 3.93 | 3.78 | 3.78 | 3.78 | 1.00 | up | 3.57E-01 | 8.95E-01 | - | - |
| 1386337 | Swept1 | Sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1 | 686899 | Rn.96258 | AI029494 | 4.09 | 4.10 | 3.92 | 4.42 | 4.37 | 3.67 | 3.67 | 3.67 | 1.00 | down | 7.33E-01 | 9.14E-01 | - | - |
| 1393016 | LOC60939 | hypothetical protein LOC60939 | 690390 | Rn.51 | AI558901 | 2.92 | 2.88 | 3.02 | 2.86 | 3.44 | 2.76 | 2.76 | 2.76 | 1.00 | up | 8.95E-01 | 9.95E-01 | - | - |
| 1394631 | --- | --- | --- | Rn.44677 | AW524225 | 3.04 | 2.66 | 2.86 | 2.79 | 2.83 | 2.67 | 2.67 | 2.67 | 1.00 | down | 4.94E-01 | 8.95E-01 | - | - |
| 1389171 | LOC305633 | similar to Atrvzr protein | 305633 | Rn.203300 | AI013886 | 2.82 | 2.80 | 2.42 | 2.42 | 3.27 | 2.42 | 2.42 | 2.42 | 1.00 | up | 7.85E-01 | 9.30E-01 | - | - |
| 1389517 | Cy1h1 | cytohesin 1 | 116691 | Rn.10672 | NM_053910 | 2.65 | 2.65 | 2.66 | 2.65 | 2.66 | 2.39 | 2.39 | 2.39 | 1.00 | down | 3.73E-01 | 8.95E-01 | - | - |
| 1394585 | --- | --- | --- | Rn.20029 | NM_022958 | 4.45 | 5.31 | 5.60 | 5.29 | 3.86 | 4.97 | 4.97 | 4.97 | 1.00 | down | 3.67E-01 | 8.95E-01 | - | - |
| 1394365 | RGD1311823 | Similar to RIKEN cDNA T100016G05 | 362346 | Rn.20590 | BF288008 | 2.79 | 2.87 | 2.97 | 2.76 | 2.84 | 2.77 | 2.77 | 2.77 | 1.00 | down | 1.88E-01 | 8.95E-01 | - | - |
| 1383669 | LOC680726 | Similar to RIKEN cDNA, single stranded interacting protein 3 isoform 1 | 680726 | Rn.136690 | AF144676 | 2.95 | 2.95 | 3.36 | 3.10 | 2.96 | 2.94 | 2.94 | 2.94 | 1.00 | down | 6.99E-01 | 8.95E-01 | - | - |
| 1394390 | --- | --- | --- | Rn.51029 | BF394739 | 3.47 | 3.58 | 3.59 | 3.56 | 3.66 | 3.70 | 3.70 | 3.70 | 1.00 | up | 1.85E-01 | 8.95E-01 | - | - |
| 1374119 | E1R3 | E7A-like factor 3 | 304815 | Rn.3963 | BI278615 | 2.95 | 3.45 | 2.96 | 2.95 | 2.96 | 3.19 | 3.19 | 3.19 | 1.00 | down | 6.54E-01 | 8.97E-01 | - | - |
| 1379466 | --- | --- | --- | Rn.201809 | AW526261 | 2.69 | 2.45 | 2.56 | 2.44 | 2.45 | 2.41 | 2.41 | 2.41 | 1.00 | down | 3.53E-01 | 8.95E-01 | - | - |
| 1387521 | Ptd04 | programmed cell death 4 | 308521 | Rn.20029 | NM_022958 | 4.45 | 5.31 | 5.60 | 5.29 | 3.86 | 4.97 | 4.97 | 4.97 | 1.00 | down | 3.73E-01 | 8.95E-01 | - | - |
| 1393536 | Roc2 | regulator of chromosome condensation 2 | 298594 | Rn.98282 | AA484842 | 2.49 | 2.38 | 2.57 | 2.48 | 2.49 | 2.75 | 2.75 | 2.75 | 1.00 | up | 4.36E-01 | 8.95E-01 | - | - |
| 1375209 | Tmem60 | transmembrane protein 60A | 309602 | Rn.23056 | BE109819 | 2.36 | 2.32 | 2.36 | 2.61 | 2.37 | 2.35 | 2.35 | 2.35 | 1.00 | up | 3.57E-01 | 8.95E-01 | - | - |
| 1378911 | Kf3c | Kleinsin family member 3C | 85248 | Rn.10394 | AW518222 | 2.68 | 2.66 | 2.60 | 2.58 | 2.58 | 2.51 | 2.51 | 2.51 | 1.00 | down | 5.17E-02 | 8.95E-01 | - | - |
| 1371672 | Cox7 | cytochrome oxidase subunit 7 | 362962 | Rn.12512 | AA046276 | 3.85 | 3.62 | 3.93 | 3.85 | 3.91 | 3.91 | 3.91 | 3.91 | 1.00 | up | 3.99E-01 | 8.95E-01 | - | - |
| 1374114 | Csn | casein | 296654 | Rn.103770 | BI087673 | 8.65 | 5.80 | 5.57 | 8.54 | 6.44 | 5.30 | 5.30 | 5.30 | 1.00 | down | 8.71E-01 | 8.95E-01 | - | - |
| 1379608 | --- | --- | --- | Rn.16081 | BE104836 | 2.53 | 2.52 | 2.72 | 2.52 | 2.52 | 2.46 | 2.46 | 2.46 | 1.00 | down | 2.65E-01 | 8.95E-01 | - | - |
| 1382079 | Map8 | mitogen-activated protein kinase 8 | 116554 | Rn.4030 | AI517007 | 6.35 | 7.40 | 8.18 | 7.34 | 6.80 | 7.52 | 7.52 | 7.52 | 1.00 | down | 8.84E-01 | 8.94E-01 | - | - |
| 1374434 | LOC42622 | similar to specifically ankyrin-regulated protein | 426222 | Rn.29488 | BE091703 | 2.32 | 2.32 | 2.33 | 2.32 | 2.30 | 2.31 | 2.31 | 2.31 | 1.00 | down | 3.77E-01 | 8.95E-01 | - | - |
| 1385922 | LOC1306072 | hypothetical LOC1306072 | 304654 | Rn.110163 | BC373988 | 2.97 | 2.97 | 2.98 | 2.99 | 3.24 | 2.96 | 2.96 | 2.96 | 1.00 | up | 3.74E-01 | 8.95E-01 | - | - |
| 1377411 | --- | --- | --- | Rn.47423 | BE104836 | 2.47 | 2.36 | 2.38 | 2.47 | 2.36 | 2.38 | 2.38 | 2.38 | 1.00 | down | 6.95E-01 | 8.95E-01 | - | - |
| 1398870 | Tomn20 | Translocase of outer mitochondrial membrane 20 (homolog yeast) | 286601 | Rn.2143 | AI172955 | 9.31 | 9.91 | 9.79 | 9.79 | 9.63 | 9.81 | 9.81 | 9.81 | 1.00 | up | 6.62E-01 | 8.98E-01 | - | - |
| 1375171 | LOC691036 | Similar to SET binding factor 2 | 691036 | Rn.37395 | BF398622 | 4.44 | 4.80 | 4.89 | 4.45 | 4.69 | 5.35 | 5.35 | 5.35 | 1.00 | up | 7.82E-01 | 9.33E-01 | - | - |
| 1382109 | --- | --- | --- | Rn.16489 | BE091703 | 2.32 | 2.32 | 2.33 | 2.32 | 2.30 | 2.31 | 2.31 | 2.31 | 1.00 | down | 3.77E-01 | 8.95E-01 | - | - |
| 1378446 | Popo2 | poppey domain containing 2 | 360718 | Rn.14517 | BF285164 | 2.51 | 2.73 | 2.52 | 2.51 | 2.51 | 2.47 | 2.47 | 2.47 | 1.00 | down | 2.93E-01 | 8.95E-01 | - | - |
| 1378147 | --- | --- | --- | Rn.20129 | BE109819 | 2.36 | 2.32 | 2.32 | 2.61 | 2.37 | 2.35 | 2.35 | 2.35 | 1.00 | up | 6.95E-01 | 8.95E-01 | - | - |
| 1397808 | --- | --- | --- | Rn.20956 | AW520664 | 2.60 | 2.45 | 2.83 | 2.59 | 2.40 | 2.62 | 2.62 | 2.62 | 1.00 | down | 5.98E-01 | 8.95E-01 | - | - |
| 1392198 | Pum2 | pumilio homology 2 (Drosophila) | 298874 | Rn.8622 | AI23267 | 7.04 | 7.02 | 7.18 | 6.86 | 6.69 | 7.41 | 7.41 | 7.41 | 1.00 | down | 7.12E-01 | 9.10E-01 | - | - |
| 1372306 | Lmi1 | 1272306 | 297634 | Rn.127634 | BE092095 | 2.29 | 2.25 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 8.95E-01 | 9.24E-01 | - | - |
| 1394585 | Nsam2 | N-adenine-specific DNA methyltransferase 2 (putative) | 290279 | Rn.7240 | AA565867 | 3.88 | 3.55 | 3.17 | 3.74 | 3.29 | 3.83 | 3.83 | 3.83 | 1.00 | down | 7.54E-01 | 9.20E-01 | - | - |
| 1378325 | Med13 | mediator complex subunit 13-like | 360817 | Rn.16248 | BF305812 | 2.47 | 3.14 | 3.63 | 2.80 | 3.26 | 3.44 | 3.44 | 3.44 | 1.00 | up | 8.31E-01 | 8.97E-01 | - | - |
| 1383049 | Mga5 | meningococcal expressed subunit 5 (hyaluronidase) | 154568 | Rn.154568 | BE097791 | 6.92 | 6.49 | 5.35 | 5.93 | 5.37 | 5.83 | 5.83 | 5.83 | 1.00 | up | 9.40E-01 | 9.83E-01 | - | - |
| 1383025 | --- | --- | --- | Rn.43428 | BE104836 | 2.47 | 2.51 | 2.54 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 1.00 | down | 6.95E-01 | 8.95E-01 | - | - |
| 1373738 | LOC68999 | similar to M protein phosphoprotein 6 | 689999 | Rn.21665 | BC379484 | 4.43 | 4.69 | 4.66 | 4.40 | 4.52 | 4.82 | 4.82 | 4.82 | 1.00 | up | 5.41E-01 | 8.95E-01 | - | - |
| 1394625 | RD1307335 | similar to RIKEN cDNA 2510035C23 | 309053 | Rn.38292 | AI570307 | 2.67 | 2.76 | 2.68 | 2.67 | 2.67 | 2.51 | 2.51 | 2.51 | 1.00 | down | 2.22E-01 | 8.95E-01 | - | - |
| 1381072 | RD1365787 | similar to RIKEN cDNA 1110055D25 | 309429 | Rn.12333 | BE091703 | 2.32 | 2.32 | 2.33 | 2.32 | 2.30 | 2.31 | 2.31 | 2.31 | 1.00 | down | 3.77E-01 | 8.95E-01 | - | - |
| 1378191 | --- | --- | --- | Rn.171604 | BF392628 | 2.64 | 2.39 | 2.42 | 2.40 | 2.41 | 2.37 | 2.37 | 2.37 | 1.00 | down | 3.28E-01 | 8.95E-01 | - | - |
| 1372556 | Polr2 | polymyrase (RNA) I (DNA directed) polypeptide L | 502374 | Rn.30672 | AG454509 | 8.61 | 9.20 | 8.48 | 8.62 | 8.70 | 9.24 | 9.24 | 9.24 | 1.00 | down | 7.78E-01 | 9.28E-01 | - | - |
| 1378003 | Mogp4 | mottle protein domain containing 4 | 317161 | Rn.63770 | BF400026 | 2.48 | 2.77 | 2.49 | 2.45 | 2.55 | 2.47 | 2.47 | 2.47 | 1.00 | down | 4.26E-01 | 8.95E-01 | - | - |
| 1387017 | Cyod2 | cytochrome P450, family 2, subfamily d, polypeptide 2 | 319553 | Rn.91365 | NM_012370 | 2.47 | 2.51 | 2.37 | 2.47 | 2.61 | 2.60 | 2.60 | 2.60 | 1.00 | down | 6.95E-01 | 8.95E-01 | - | - |
| 1373205 | Slc16a13 | solute carrier family 16, member 13 (monocarboxylate transporter 13) | 287451 | Rn.23260 | AF704067 | 6.67 | 7.43 | 7.79 | 7.18 | 7.12 | 6.79 | 6.79 | 6.79 | 1.00 | down | 6.71E-01 | 9.22E-01 | - | - |
| 1370265 | Arct2 | arrestin, beta 2 | 25389 | Rn.32973 | BF285455 | 3.54 | 3.53 | 3.41 | 3.57 | 3.66 | 3.51 | 3.51 | 3.51 | 1.00 | up | 1.96E-01 | 8.95E-01 | - | - |
| 1378410 | Ddx10 | DNA topoisomerase 4 domain, subfamily A, member 10 | 300710 | Rn.99481 | BE109819 | 2.32 | 2.32 | 2.33 | 2.32 | 2.30 | 2.31 | 2.31 | 2.31 | 1.00 | down | 3.77E-01 | 8.95E-01 | - | - |
| 1374517 | Roc2 | Roc protein-like (DNA helicase D1-like) | 312824 | Rn.201166 | AA181612 | 7.43 | 6.34 | 6.48 | 6.10 | 7.09 | 6.80 | 6.80 | 6.80 | 1.00 | down | 8.54E-01 | 8.95E-01 | - | - |
| 1389222 | Swip | SV2 related protein | 174442 | Rn.16248 | BF305812 | 2.48 | 2.62 | 2.38 | 2.47 | 2.37 | 2.37 | 2.37 | 2.37 | 1.00 | down | 3.33E-01 | 8.95E-01 | - | - |
| 1387450 | Tg | transforming growth factor alpha | 24827 | Rn.9652 | NM_012671 | 2.48 | 3.13 | 2.49 | 2.51 | 2.92 | 2.48 | 2.48 | 2.48 | 1.00 | down | 7.50E-01 | 9.18E-01 | - | - |
| | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | FCRAhouse | Resonance | Unpaired Unit C vs C (log) | | REG | MTC | |
|------------|-------------|--|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------------|-----------|----------|-----|-----------|
| | | | | | | SEFP (Cn) | SEFP (Ca) | SEFP (Ca) | SEFP (Ca) | SEFP (Ca) | | | SEFP (Ca) | SEFP (Ca) | | | SEFP (Ca) |
| 1391964_at | Enpp6 | ectonucleotide pyrophosphatase/phosphodiesterase 6 | 306460 | Rn.8484 | BF282495 | 7.89 | 8.00 | 7.10 | 7.51 | 2.44 | 8.30 | 1.00 | up | 8.84E-01 | 9.84E-01 | - | - |
| 1391964_at | Ahngef7 | Rho guanine nucleotide exchange factor (GEF7) | 114559 | Rn.146763 | AJ071719 | 2.64 | 2.61 | 2.87 | 2.63 | 2.65 | 2.58 | 1.00 | down | 3.71E-01 | 9.85E-01 | - | - |
| 1391964_at | RasGEF3 | RasGEF3 like (S. cerevisiae) | 298429 | Rn.202029 | BF377474 | 2.61 | 2.61 | 2.41 | 2.41 | 2.41 | 2.42 | 1.00 | down | 2.72E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI200823 | 4.78 | 6.07 | 5.25 | 4.71 | 6.09 | 5.54 | 1.00 | up | 8.84E-01 | 9.84E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF377474 | 2.61 | 2.61 | 2.41 | 2.41 | 2.41 | 2.42 | 1.00 | down | 7.35E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BM387978 | 4.49 | 4.62 | 4.95 | 4.25 | 4.58 | 4.97 | 1.00 | down | 7.48E-01 | 9.18E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AW522542 | 2.42 | 2.40 | 2.43 | 2.68 | 2.43 | 2.39 | 1.00 | up | 4.06E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | 43659710 | 4.36 | 4.36 | 4.32 | 4.36 | 4.32 | 4.22 | 1.00 | up | 8.45E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BE103057 | 4.43 | 3.27 | 3.39 | 3.88 | 3.30 | 3.65 | 1.00 | down | 8.42E-01 | 9.51E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.151460 | 2.60 | 2.60 | 2.32 | 2.67 | 2.60 | 2.38 | 1.00 | down | 7.86E-01 | 9.34E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF386757 | 2.93 | 2.68 | 2.73 | 2.70 | 2.72 | 2.65 | 1.00 | down | 3.35E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AA858815 | 2.50 | 2.47 | 2.52 | 2.69 | 2.55 | 2.51 | 1.00 | up | 2.05E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | H131922 | 2.97 | 2.80 | 2.99 | 3.08 | 2.98 | 2.96 | 1.00 | up | 2.93E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI033362 | 4.41 | 7.79 | 7.08 | 7.75 | 7.65 | 8.13 | 1.00 | up | 8.45E-01 | 9.52E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_126117 | 2.45 | 2.44 | 2.44 | 2.44 | 2.45 | 2.71 | 1.00 | up | 3.93E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BE117229 | 3.18 | 3.93 | 4.32 | 3.60 | 4.13 | 3.65 | 1.00 | down | 8.85E-01 | 9.52E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF386659 | 2.57 | 2.52 | 2.56 | 2.80 | 2.61 | 2.51 | 1.00 | up | 3.84E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.27551 | 2.56 | 2.56 | 2.56 | 2.41 | 2.49 | 2.54 | 1.00 | up | 3.34E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_021691 | 2.57 | 2.56 | 2.58 | 2.83 | 2.58 | 2.55 | 1.00 | down | 3.35E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.8186 | 2.81 | 2.81 | 2.86 | 2.81 | 2.85 | 2.56 | 1.00 | down | 4.13E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI282994 | 2.50 | 2.50 | 2.57 | 2.56 | 2.50 | 2.73 | 1.00 | up | 1.85E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AW070694 | 2.77 | 2.58 | 2.89 | 2.77 | 2.97 | 2.75 | 1.00 | up | 4.89E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_133574 | 5.27 | 4.49 | 3.97 | 4.45 | 4.47 | 5.06 | 1.00 | up | 8.51E-01 | 9.54E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI268751 | 2.50 | 2.41 | 2.57 | 2.56 | 2.50 | 2.73 | 1.00 | up | 1.85E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF391144 | 2.61 | 2.60 | 2.95 | 2.72 | 2.62 | 2.57 | 1.00 | down | 5.23E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF389855 | 10.85 | 10.66 | 10.47 | 10.80 | 10.75 | 10.69 | 1.00 | up | 4.93E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AG98669 | 2.50 | 2.98 | 2.40 | 2.50 | 3.15 | 2.50 | 1.00 | up | 7.78E-01 | 9.27E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.4202 | 4.73 | 4.45 | 4.09 | 4.49 | 3.73 | 4.79 | 1.00 | down | 8.27E-01 | 9.45E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BC331310 | 7.24 | 7.95 | 8.93 | 7.14 | 7.48 | 7.76 | 1.00 | down | 8.85E-01 | 9.42E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_031827 | 8.92 | 9.45 | 9.11 | 9.06 | 8.79 | 9.38 | 1.00 | down | 7.28E-01 | 9.13E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ217122 | 2.83 | 2.62 | 3.08 | 2.61 | 3.16 | 2.70 | 1.00 | down | 6.78E-01 | 9.02E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BE111053 | 2.83 | 3.60 | 2.79 | 2.69 | 3.91 | 2.64 | 1.00 | up | 7.13E-01 | 9.75E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ17244 | 7.29 | 7.51 | 7.00 | 7.33 | 6.87 | 7.86 | 1.00 | up | 8.05E-01 | 9.37E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI26452 | 2.45 | 2.41 | 2.45 | 2.45 | 2.41 | 2.45 | 1.00 | up | 2.65E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ232269 | 6.98 | 6.89 | 6.82 | 6.94 | 7.09 | 6.92 | 1.00 | up | 2.97E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AW052921 | 2.53 | 2.52 | 2.81 | 2.53 | 2.55 | 2.62 | 1.00 | down | 1.42E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AW15929 | 2.91 | 4.71 | 5.13 | 4.20 | 4.20 | 4.20 | 1.00 | down | 8.72E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AA020242 | 10.61 | 10.12 | 10.39 | 10.40 | 10.51 | 10.48 | 1.00 | up | 5.89E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BE111053 | 2.83 | 3.60 | 2.79 | 2.69 | 3.91 | 2.64 | 1.00 | up | 7.13E-01 | 9.75E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF282470 | 8.81 | 9.50 | 9.99 | 9.25 | 9.42 | 9.38 | 1.00 | down | 8.17E-01 | 9.42E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BM38950 | 2.43 | 2.47 | 2.78 | 2.48 | 2.48 | 2.47 | 1.00 | down | 4.70E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.10177 | 10.12 | 10.32 | 10.80 | 10.17 | 10.24 | 10.80 | 1.00 | down | 8.17E-01 | 9.42E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ213223 | 4.82 | 6.77 | 6.78 | 6.02 | 5.41 | 6.66 | 1.00 | down | 9.14E-01 | 9.74E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF41339 | 2.40 | 2.58 | 2.42 | 2.39 | 2.37 | 2.37 | 1.00 | down | 2.11E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_33394 | 10.69 | 9.71 | 10.12 | 10.19 | 10.19 | 10.19 | 1.00 | down | 2.48E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF548081 | 8.04 | 8.24 | 7.20 | 7.55 | 7.34 | 8.33 | 1.00 | down | 8.55E-01 | 9.55E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_021691 | 2.57 | 2.60 | 2.87 | 2.60 | 2.57 | 2.60 | 1.00 | down | 3.58E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ136601 | 2.73 | 2.50 | 2.51 | 2.49 | 2.51 | 2.49 | 1.00 | down | 3.13E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF418132 | 7.36 | 7.36 | 7.85 | 6.91 | 8.37 | 7.55 | 1.00 | up | 8.61E-01 | 9.57E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AW48096 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 1.00 | down | 6.82E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.1826 | 6.99 | 6.37 | 2.65 | 2.31 | 2.37 | 2.29 | 1.00 | down | 4.88E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BI28649 | 12.37 | 11.88 | 12.60 | 11.79 | 11.88 | 11.88 | 1.00 | down | 4.46E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | NM_022343 | 3.30 | 3.83 | 3.61 | 3.06 | 3.91 | 3.43 | 1.00 | down | 7.84E-01 | 9.30E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.8109 | 7.59 | 7.67 | 7.71 | 7.30 | 7.54 | 7.86 | 1.00 | down | 6.33E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BE105101 | 11.75 | 11.75 | 11.41 | 11.48 | 11.49 | 11.49 | 1.00 | down | 8.33E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF059719 | 6.54 | 6.87 | 6.07 | 6.07 | 6.87 | 6.99 | 1.00 | up | 8.23E-01 | 9.43E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF389486 | 2.73 | 2.70 | 3.23 | 2.50 | 2.77 | 3.68 | 1.00 | up | 8.38E-01 | 9.48E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.20134 | 7.21 | 6.92 | 7.31 | 7.3 | 6.94 | 7.24 | 1.00 | down | 6.25E-01 | 9.28E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AB19386 | 9.42 | 8.43 | 9.47 | 8.96 | 9.24 | 8.85 | 1.00 | down | 8.23E-01 | 9.43E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.5814 | 2.97 | 2.98 | 2.83 | 2.88 | 2.68 | 2.68 | 1.00 | down | 5.21E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF283421 | 6.12 | 5.06 | 4.19 | 5.24 | 4.91 | 4.97 | 1.00 | down | 8.88E-01 | 9.65E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | AJ10301 | 9.04 | 8.40 | 8.24 | 8.57 | 8.33 | 8.52 | 1.00 | down | 7.05E-01 | 9.21E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.23907 | 6.93 | 6.88 | 6.83 | 6.96 | 6.94 | 6.94 | 1.00 | down | 8.78E-01 | 9.57E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Y1153 | 2.77 | 2.43 | 2.51 | 2.49 | 2.49 | 2.48 | 1.00 | down | 5.40E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | BF41489 | 2.45 | 2.78 | 2.52 | 2.56 | 2.56 | 2.89 | 1.00 | up | 6.05E-01 | 9.85E-01 | - | - |
| 1391964_at | 1391964_at | --- | --- | --- | Rn.2147 | 2.67 | 2.67 | 2.46 | 2.67 | 2.49 | 2.49 | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensity (log2) | | | | | | | | | | FC/Abouse | Resuspension | Unpaired t-test (vs. Ctrl) (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|--------------|--------------------------------------|-----|-----|
| | | | | | SEPS (Ctrl) | SEPA (Ctrl) | SEPB (Ctrl) | SEPC (Ctrl) | SEPD (Ctrl) | SEPE (Ctrl) | SEPF (Ctrl) | SEPG (Ctrl) | SEPH (Ctrl) | SEPI (Ctrl) | | | | | |
| 137411 | LOC884755 | similar to zinc finger like protein 1 | 684755 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 139151 | Dna2 | double-strand break repair factor 2 (putative) | 498287 | Rn.176340 | BE110638 | 3.08 | 3.64 | 3.51 | 3.62 | 3.25 | 3.57 | 3.07 | 1.05 | up | 3.40E-01 | 9.17E-01 | - | - | |
| 137843 | Iqg1 | IQ motif containing GTPase activating protein 1 | 363513 | Rn.22228 | BM383777 | 6.22 | 6.52 | 6.24 | 6.44 | 6.11 | 6.58 | 6.27 | 1.05 | down | 8.80E-01 | 9.95E-01 | - | - | |
| 137254 | Misp1 | mitochondrial phosphatase 1 | 361598 | Rn.20558 | BE110638 | 2.51 | 2.45 | 2.81 | 2.71 | 2.81 | 2.71 | 2.81 | 1.05 | down | 3.10E-01 | 6.15E-01 | - | - | |
| 138012 | Tic17 | tetrapeptide repeat domain 17 | 311224 | Rn.207415 | A1229046 | 6.07 | 6.19 | 5.73 | 5.98 | 5.37 | 6.44 | 5.05 | 1.05 | down | 8.40E-01 | 9.50E-01 | - | - | |
| 138256 | ROD1563437 | similar to KIAA1217 | 291356 | Rn.43612 | BF291123 | 7.07 | 7.05 | 6.98 | 7.18 | 7.06 | 7.07 | 7.25 | 1.05 | up | 7.85E-01 | 9.30E-01 | - | - | |
| 139105 | LOC888133 | similar to mtb domain containing 1 | 688133 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 139007 | Dna1 | p53-associated parn-like poly(ADP-ribose) polymerase 1 | 290234 | Rn.18928 | BE099453 | 6.18 | 6.63 | 5.48 | 5.76 | 6.50 | 6.26 | 1.05 | down | 8.85E-01 | 9.95E-01 | - | - | | |
| 139099 | Ube3a | UBE3A protein ligase E3A | 361855 | Rn.198497 | BE098487 | 2.27 | 2.28 | 2.33 | 2.18 | 2.17 | 2.17 | 2.17 | 1.05 | down | 1.01E-01 | 9.95E-01 | - | - | |
| 138814 | Dna1 | p53-associated parn-like poly(ADP-ribose) polymerase 1 | 290234 | Rn.18928 | BE099453 | 6.18 | 6.63 | 5.48 | 5.76 | 6.50 | 6.26 | 1.05 | down | 8.85E-01 | 9.95E-01 | - | - | | |
| 138813 | Rup1 | ribosomal protein L16 | 311483 | Rn.14242 | BI287690 | 8.93 | 7.97 | 8.62 | 9.09 | 7.53 | 8.79 | 1.05 | up | 9.40E-01 | 9.70E-01 | - | - | | |
| 138792 | Iqg1 | IQ motif containing GTPase activating protein 1 | 363513 | Rn.22228 | BM383777 | 6.22 | 6.52 | 6.24 | 6.44 | 6.11 | 6.58 | 6.27 | 1.05 | down | 8.80E-01 | 9.95E-01 | - | - | |
| 138913 | Atg7b | ATPase, Cu++ transporting, beta polypeptide | 369123 | Rn.10025 | NM_012511 | 2.64 | 2.64 | 2.66 | 2.88 | 2.65 | 2.63 | 1.05 | down | 4.06E-01 | 9.95E-01 | - | - | | |
| 138904 | Hspa12b | heat shock protein 12B | 311427 | Rn.154616 | BI284714 | 2.66 | 2.88 | 2.67 | 2.66 | 2.67 | 2.66 | 1.05 | down | 3.99E-01 | 9.95E-01 | - | - | | |
| 138706 | Sul2l1 | sulfotransferase family 2A, dehydroepiandrosterone (DHEA)-preferring like 1 | 24952 | Rn.221887 | NM_020995 | 2.72 | 2.67 | 2.93 | 2.68 | 2.66 | 2.66 | 1.05 | down | 8.85E-01 | 9.95E-01 | - | - | | |
| 138487 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003 | 6.04 | 6.50 | 6.33 | 6.76 | 6.10 | 6.80 | 1.05 | down | 8.29E-01 | 9.46E-01 | - | - | | |
| 138547 | Pols | polymyrase (DNA directed) sigma | 306672 | Rn.168138 | BF47003</ | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test | Chi vs Chi (log10) | REG | MTC |
|------------|-------------|--|---------|------------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|-----------------|--------------------|-----|-----|
| | | | | | SEPS (Chi) | SEPA (Chi) | SEPB (Chi) | SEPC (Chi) | SEPD (Chi) | SEPE (Chi) | SEPF (Chi) | SEPG (Chi) | SEPH (Chi) | SEPI (Chi) | | | | | | |
| 1367411 | Pov2e | polymerase (RNA) I (DNA directed) polypeptide E, 25kDa | 690966 | B127090 | 9.21 | 9.97 | 9.39 | 9.77 | 9.79 | 9.82 | 1.05 | down | 8.77E-01 | 9.62E-01 | 3.41E-01 | 9.95E-01 | - | - | | |
| 1380055 | RGD1565367 | Similar to Solute carrier family 23, member 2 (Sodium-dependent vitamin C transporter) | 312226 | Rn.16045 | C07599 | 2.71 | 2.68 | 2.75 | 2.68 | 2.73 | 2.54 | 1.05 | down | 3.41E-01 | 9.95E-01 | - | - | | | |
| 1371497 | Aab6 | Antikary repeat and SOCS box containing 2 | 296627 | Rn.173503 | BM38259 | 2.51 | 2.59 | 2.61 | 2.52 | 2.49 | 2.42 | 1.05 | down | 6.48E-01 | 9.96E-01 | - | - | | | |
| 1371591 | Lat | lathosterinol ribosomal protein S18A | 301249 | Rn.10349 | AA85867 | 7.03 | 6.67 | 6.72 | 7.13 | 6.87 | 7.62 | 1.05 | up | 8.95E-01 | 9.56E-01 | - | - | | | |
| 1372793 | Msp1 | single-stranded DNA binding protein 1 | 54304 | Rn.10662 | BE108903 | 10.64 | 11.08 | 11.50 | 11.22 | 11.13 | 11.08 | 1.05 | up | 8.95E-01 | 9.37E-01 | - | - | | | |
| 1372876 | Abn143 | Abn143 protein containing 14A | 610082 | Rn.41431 | B129442 | 9.43 | 9.43 | 9.43 | 9.43 | 9.43 | 9.76 | 1.05 | up | 8.95E-01 | 9.19E-01 | - | - | | | |
| 1389794 | RGD1565474 | Similar to mKIA0738 protein | 302683 | Rn.166079 | A044894 | 7.14 | 8.06 | 7.96 | 7.57 | 7.59 | 8.20 | 1.05 | up | 8.61E-01 | 9.37E-01 | - | - | | | |
| 1375244 | LOC685117 | colicoid-coiled coil containing 72 | 679747 | Rn.40434 | BC53755 | 10.59 | 9.54 | 9.62 | 7.73 | 2.32 | 2.32 | 1.05 | down | 6.75E-01 | 7.25E-01 | - | - | | | |
| 1379734 | Syp2f | synaptophysin-like protein 2 | 362018 | Rn.84456 | A052132 | 2.80 | 2.76 | 2.77 | 2.99 | 2.79 | 2.76 | 1.05 | up | 4.27E-01 | 9.95E-01 | - | - | | | |
| 1372295 | Ihm2c | integral membrane protein 2C | 301575 | Rn.16076 | A071440 | 2.73 | 3.13 | 2.73 | 2.69 | 2.52 | 2.98 | 1.05 | down | 6.71E-01 | 9.00E-01 | - | - | | | |
| 1381285 | --- | --- | --- | Rn.14856 | BC68828 | 6.69 | 5.62 | 5.53 | 6.03 | 6.10 | 5.91 | 1.05 | up | 8.69E-01 | 9.56E-01 | - | - | | | |
| 1376337 | --- | --- | --- | Rn.116241 | BF39879 | 2.54 | 2.47 | 2.69 | 2.70 | 2.55 | 2.53 | 1.05 | up | 3.25E-01 | 9.95E-01 | - | - | | | |
| 1387060 | KIB | Kruppel-like factor 6 | 58854 | NM_031642 | 3.12 | 3.05 | 2.98 | 3.08 | 3.20 | 3.07 | 1.05 | up | 3.25E-01 | 9.95E-01 | - | - | | | | |
| 1386776 | --- | --- | --- | Rn.173503 | BE104984 | 2.33 | 2.51 | 2.61 | 2.49 | 2.56 | 2.71 | 1.05 | up | 3.59E-01 | 9.95E-01 | - | - | | | |
| 1370880 | Rnh1 | ribonuclease H/progemin inhibitor 1 | 245964 | Rn.3736 | AG82173 | 8.62 | 3.39 | 3.27 | 4.45 | 7.44 | 3.47 | 1.05 | down | 9.78E-01 | 9.03E-01 | - | - | | | |
| 1372025 | --- | --- | --- | Rn.173228 | K62528 | 6.95 | 7.26 | 6.75 | 6.72 | 6.73 | 7.31 | 1.05 | down | 7.99E-01 | 9.35E-01 | - | - | | | |
| 1380479 | Ahy1p | S-adenosylhomocysteine hydrolase-like 1 | 362013 | Rn.17483 | AV14530 | 4.92 | 3.96 | 3.98 | 3.89 | 4.62 | 4.13 | 1.05 | down | 8.71E-01 | 9.60E-01 | - | - | | | |
| 1380989 | Hes6 | Helicase, lymphoid specific | 294071 | Rn.18923 | BE104984 | 2.33 | 2.51 | 2.61 | 2.49 | 2.56 | 2.71 | 1.05 | up | 6.82E-01 | 9.95E-01 | - | - | | | |
| 1392964 | Rac23b | RAC23 homolog B (S. cerevisiae) | 289172 | Rn.91720 | BF55822 | 3.79 | 3.09 | 2.80 | 3.09 | 3.17 | 3.02 | 1.05 | down | 8.58E-01 | 9.55E-01 | - | - | | | |
| 1396496 | Ptpn12 | protein tyrosine phosphatase, non-receptor type 12 | 117255 | NM_057115 | 6.09 | 6.08 | 6.22 | 5.88 | 6.44 | 5.86 | 1.05 | down | 7.54E-01 | 9.20E-01 | - | - | | | | |
| 1374231 | KIF16 | Kruppel-like factor 16 | 690820 | Rn.21419 | A107427 | 3.50 | 3.32 | 3.33 | 3.21 | 3.19 | 3.55 | 1.05 | down | 6.34E-01 | 9.95E-01 | - | - | | | |
| 1382070 | LOC68188 | transmembrane protein C16 | 381388 | Rn.67473 | A747433 | 2.69 | 3.00 | 2.69 | 2.69 | 2.74 | 2.76 | 1.05 | down | 9.32E-01 | 9.74E-01 | - | - | | | |
| 1376955 | Col4a4 | procollagen, type IV, alpha 4 | 301582 | Rn.22075 | AA12936 | 4.00 | 4.14 | 3.90 | 3.61 | 4.62 | 4.01 | 1.05 | up | 5.37E-01 | 9.48E-01 | - | - | | | |
| 1387194 | Cdc12a | Cyt-1 type domain family 12, member A | 680338 | Rn.15681 | AA11989 | 3.67 | 4.29 | 3.51 | 3.79 | 4.16 | 3.75 | 1.05 | up | 8.22E-01 | 9.43E-01 | - | - | | | |
| 1370767 | Kln3a | kinase (K) specific demethylase 3A | 124440 | Rn.10354 | BE104984 | 2.55 | 2.80 | 2.80 | 2.67 | 2.66 | 2.68 | 1.05 | down | 8.95E-01 | 9.95E-01 | - | - | | | |
| 1373876 | --- | --- | --- | Rn.203664 | A104123 | 8.18 | 8.47 | 9.24 | 8.70 | 8.46 | 8.93 | 1.05 | up | 9.57E-01 | 9.55E-01 | - | - | | | |
| 1373876 | Gp5 | protein-coupled receptor 65 | 64200 | Rn.53269 | BE104984 | 2.55 | 2.44 | 2.55 | 2.44 | 2.55 | 2.55 | 1.05 | down | 4.53E-01 | 9.95E-01 | - | - | | | |
| 1374129 | OC690789 | Similar to Ornithine decarboxylase-activating enzyme 2 (ODC-Ac 2) (AZZ) with ornithine decarboxylase domain | 601454 | Rn.2946 | A101518 | 3.77 | 3.82 | 3.44 | 4.02 | 3.37 | 3.44 | 1.05 | down | 7.95E-01 | 9.34E-01 | - | - | | | |
| 1380978 | --- | --- | --- | Rn.20004 | AVS28517 | 4.16 | 4.77 | 3.80 | 3.91 | 4.21 | 4.79 | 1.05 | up | 8.70E-01 | 9.60E-01 | - | - | | | |
| 1381191 | LOC685117 | Similar to SWI5NF-related matrix-associated actin-binding protein 1 (SWI5NF-related matrix-associated actin-binding protein 1) | 685179 | Rn.32116 | BC377504 | 6.61 | 2.95 | 3.39 | 3.39 | 4.13 | 2.64 | 1.05 | up | 8.95E-01 | 9.67E-01 | - | - | | | |
| 1381285 | Foxo1 | forkhead box O1 | 287185 | Rn.45889 | BF14589 | 2.68 | 2.78 | 2.61 | 2.68 | 2.78 | 2.83 | 1.05 | down | 8.95E-01 | 9.55E-01 | - | - | | | |
| 1382070 | Map1f1 | microtubule-associated protein kinase 11 | 690244 | NM_133504 | 9.56 | 9.38 | 9.81 | 9.32 | 9.67 | 9.78 | 1.05 | up | 6.80E-01 | 9.03E-01 | - | - | | | | |
| 1376159 | Gz1f1 | GNF-inducible zinc finger protein 1 | 311508 | Rn.40179 | A117089 | 4.87 | 4.76 | 4.74 | 4.50 | 4.75 | 4.91 | 1.05 | down | 6.25E-01 | 9.95E-01 | - | - | | | |
| 1380115 | Nab1f1 | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11 | 295110 | Rn.33377 | BE104984 | 2.73 | 2.73 | 2.73 | 2.73 | 2.73 | 2.73 | 1.05 | down | 4.35E-01 | 9.95E-01 | - | - | | | |
| 1372876 | Pou2f2 | POU class 2 homeobox 2 | 117058 | NM_155998 | BF39870 | 2.28 | 2.27 | 2.62 | 2.42 | 2.28 | 2.27 | 1.05 | down | 6.28E-01 | 9.95E-01 | - | - | | | |
| 1382258 | --- | --- | --- | Rn.203377 | AA43771 | 2.63 | 2.40 | 2.50 | 2.48 | 2.49 | 2.43 | 1.05 | down | 2.50E-01 | 9.95E-01 | - | - | | | |
| 1383012 | Rhp2p | rhoGAP, Rho GTPase binding protein 2 | 308516 | Rn.16129 | BE11575 | 3.96 | 4.99 | 4.32 | 4.27 | 4.14 | 5.06 | 1.05 | up | 8.33E-01 | 9.44E-01 | - | - | | | |
| 1376337 | CO629 | coiled-coil domain containing 96 | 474243 | Rn.16489 | BF413072 | 4.49 | 4.23 | 2.44 | 2.29 | 2.26 | 2.53 | 1.05 | down | 1.32E-01 | 9.95E-01 | - | - | | | |
| 1383086 | --- | --- | --- | Rn.16489 | AA818256 | 2.40 | 2.38 | 2.41 | 2.42 | 2.60 | 2.37 | 1.05 | up | 3.97E-01 | 9.95E-01 | - | - | | | |
| 1376034 | RGD1565474 | Similar to mKIA0738 protein | 362333 | Rn.44698 | AV141824 | 4.88 | 5.26 | 5.15 | 4.58 | 5.15 | 5.37 | 1.05 | down | 8.13E-01 | 9.40E-01 | - | - | | | |
| 1382049 | Tmemc1 | transmembrane protein C16 | 381388 | Rn.67473 | BE104984 | 2.55 | 2.80 | 2.80 | 2.67 | 2.66 | 2.68 | 1.05 | down | 8.95E-01 | 9.95E-01 | - | - | | | |
| 1384586 | Plac9 | placental specific 9 | 361105 | Rn.143159 | BE126313 | 2.77 | 2.75 | 2.96 | 2.77 | 2.77 | 2.74 | 1.05 | down | 3.70E-01 | 9.95E-01 | - | - | | | |
| 1370259 | PR11 | phalloidin-binding protein receptor 1 | 59813 | Rn.46525 | BE104984 | 8.62 | 8.75 | 8.62 | 8.62 | 8.75 | 8.76 | 1.05 | up | 8.68E-01 | 9.38E-01 | - | - | | | |
| 1398601 | CK105 | CK105 protein | 171456 | Rn.15196 | NM_134415 | 9.22 | 8.95 | 9.16 | 10.55 | 8.67 | 9.77 | 1.05 | up | 8.68E-01 | 9.95E-01 | - | - | | | |
| 1397633 | --- | --- | --- | Rn.396623 | BE104984 | 2.81 | 2.25 | 2.75 | 2.54 | 2.55 | 2.51 | 1.05 | down | 7.33E-01 | 9.14E-01 | - | - | | | |
| 1392964 | Ppp13d | protein phosphatase 1, regulatory subunit 3D | 689095 | Rn.93537 | AG25528 | 2.45 | 2.25 | 2.27 | 2.26 | 2.25 | 2.25 | 1.05 | down | 3.40E-01 | 9.95E-01 | - | - | | | |
| 1383212 | --- | --- | --- | Rn.115473 | AA92528 | 2.54 | 2.53 | 2.55 | 2.54 | 2.57 | 2.52 | 1.05 | down | 4.59E-01 | 9.95E-01 | - | - | | | |
| 1370436 | Acn2 | acyl-CoA synthetase long-chain family member 2 | 242623 | Rn.14875 | A070239 | 11.32 | 10.73 | 11.09 | 11.22 | 11.14 | 10.95 | 1.05 | up | 7.55E-01 | 9.20E-01 | - | - | | | |
| 1374636 | Amnhd2 | amniotin domain containing 2 | 620272 | Rn.16127 | BE104984 | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 1.05 | down | 8.48E-01 | 9.95E-01 | - | - | | | |
| 1381153 | Asa1f | acyl-CoA synthetase long-chain family member 1 | 25288 | Rn.6215 | BE127253 | 6.91 | 5.65 | 5.13 | 6.22 | 5.58 | 5.98 | 1.05 | up | 9.11E-01 | 9.70E-01 | - | - | | | |
| 1370259 | PR11 | phalloidin-binding protein receptor 1 | 59813 | Rn.46525 | BE104984 | 8.62 | 8.75 | 8.62 | 8.62 | 8.75 | 8.76 | 1.05 | up | 8.68E-01 | 9.38E-01 | - | - | | | |
| 1398601 | CK105 | CK105 protein | 171456 | Rn.15196 | NM_134415 | 9.22 | 8.95 | 9.16 | 10.55 | 8.67 | 9.77 | 1.05 | up | 8.68E-01 | 9.95E-01 | - | - | | | |
| 1397633 | --- | --- | --- | Rn.396623 | BE104984 | 2.81 | 2.25 | 2.75 | 2.54 | 2.55 | 2.51 | 1.05 | down | 7.33E-01 | 9.14E-01 | - | - | | | |
| 1392964 | Ppp13d | protein phosphatase 1, regulatory subunit 3D | 689095 | Rn.93537 | AG25528 | 2.45 | 2.25 | 2.27 | 2.26 | 2.25 | 2.25 | 1.05 | down | 3.40E-01 | 9.95E-01 | - | - | | | |
| 1383212 | --- | --- | --- | Rn.115473 | AA92528 | 2.54 | 2.53 | 2.55 | 2.54 | 2.57 | 2.52 | 1.05 | down | 4.59E-01 | 9.95E-01 | - | - | | | |
| 1370436 | Acn2 | acyl-CoA synthetase long-chain family member 2 | 242623 | Rn.14875 | A070239 | 11.32 | 10.73 | 11.09 | 11.22 | 11.14 | 10.95 | 1.05 | up | 7.55E-01 | 9.20E-01 | - | - | | | |
| 1374636 | Amnhd2 | amniotin domain containing 2 | 620272 | Rn.16127 | BE104984 | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 5.69 | 1.05 | down | 8.48E-01 | 9.95E-01 | - | - | | | |
| 1381153 | Asa1f | acyl-CoA synthetase long-chain family member 1 | 25288 | Rn.6215 | BE127253 | 6.91 | 5.65 | 5.13 | 6.22 | 5.58 | 5.98 | 1.05 | up | 9.11E-01 | 9.70E-01 | - | - | | | |
| 1370259 | PR11 | phalloidin-binding protein receptor 1 | 59813 | Rn.46525 | BE104984 | 8.62 | 8.75 | 8.62 | 8.62 | 8.75 | 8.76 | 1.05 | up | 8.68E-01 | 9.38E-01 | - | - | | | |
| 1398601 | CK105 | CK105 protein | 171456 | Rn.15196 | NM_134415 | 9.22 | 8.95 | 9.16 | 10.55 | 8.67 | 9.77 | 1.05 | up | 8.68E-01 | 9.95E-01 | - | - | | | |
| 1397633 | --- | --- | --- | Rn.396623 | BE104984 | 2.81 | 2.25 | 2.75 | 2.54 | 2.55 | 2.51 | 1.05 | down | 7.33E-01 | 9.14E-01 | - | - | | | |
| 1392964 | Ppp13d | protein phosphatase 1, regulatory subunit 3D</ | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRA Intensity (log) | | | | | | FC/Abouse | Residual | Unpaired t-test | Chi vs Chi (triplicates) | REG | MTC |
|------------|------------------|---|------------------|-----------|-----------|----------------------|------------|------------|------------|------------|------------|-----------|----------|-----------------|--------------------------|-----|-----|
| | | | | | | SEFP (Chi) | SEFP (Chi) | SEFP (Chi) | SEFP (Chi) | SEFP (Chi) | SEFP (Chi) | | | | | | |
| 1388110_at | Avk11 | aldo-keto reductase family 1, member D1 (delta 4-ketosteroid-5-beta-reductase) | 192242 | Rn.25716 | D17309 | 2.75 | 2.75 | 2.71 | 2.73 | 2.87 | 2.62 | 1.05 | down | 5.25E-01 | 8.95E-01 | - | - |
| 1388154_at | C68B884 // Nduf1 | similar to Axi1, carrier, protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase) | 254533 // 683884 | Rn.1318 | AA043443 | 9.09 | 9.34 | 9.30 | 9.07 | 9.20 | 9.26 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388155_at | Ca1 | calcium-binding protein 1 | 60241 | Rn.4851 | BT026262 | 2.91 | 2.91 | 2.91 | 2.73 | 2.97 | 2.96 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388156_at | Ca2 | calcium-binding protein 2 | 60241 | Rn.23401 | AA020262 | 3.41 | 3.40 | 3.30 | 2.96 | 3.41 | 3.61 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388157_at | Ca3 | calcium-binding protein 3 | 60241 | Rn.198160 | BT026262 | 2.47 | 2.47 | 2.47 | 2.27 | 2.48 | 2.26 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388158_at | Ca4 | calcium-binding protein 4 | 60241 | Rn.198160 | BT026262 | 3.10 | 3.10 | 3.10 | 3.29 | 3.11 | 3.09 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388159_at | Ca5 | calcium-binding protein 5 | 60241 | Rn.198160 | BT026262 | 2.51 | 2.52 | 2.32 | 2.33 | 2.34 | 2.32 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388160_at | Ca6 | calcium-binding protein 6 | 60241 | Rn.198160 | BT026262 | 9.45 | 9.45 | 9.34 | 9.14 | 9.45 | 9.14 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388161_at | Ca7 | calcium-binding protein 7 | 60241 | Rn.198160 | BT026262 | 6.79 | 6.79 | 6.79 | 6.40 | 6.85 | 6.93 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388162_at | Ca8 | calcium-binding protein 8 | 60241 | Rn.198160 | BT026262 | 2.65 | 2.65 | 2.62 | 2.41 | 2.65 | 2.40 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388163_at | Ca9 | calcium-binding protein 9 | 60241 | Rn.198160 | BT026262 | 9.16 | 9.16 | 9.16 | 8.88 | 9.09 | 9.02 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388164_at | Ca10 | calcium-binding protein 10 | 60241 | Rn.198160 | BT026262 | 5.45 | 5.56 | 5.66 | 5.64 | 5.72 | 5.52 | 1.05 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388165_at | Ca11 | calcium-binding protein 11 | 60241 | Rn.22774 | AF232099 | 9.48 | 9.17 | 9.76 | 9.66 | 9.29 | 9.86 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388166_at | Ca12 | calcium-binding protein 12 | 60241 | Rn.163404 | BF543142 | 2.98 | 2.80 | 2.81 | 2.80 | 2.80 | 2.79 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388167_at | Ca13 | calcium-binding protein 13 | 60241 | Rn.163404 | BF543142 | 2.61 | 2.41 | 2.42 | 2.42 | 2.42 | 2.41 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388168_at | Ca14 | calcium-binding protein 14 | 60241 | Rn.163404 | BF543142 | 7.41 | 6.11 | 7.22 | 7.72 | 7.95 | 8.00 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388169_at | Ca15 | calcium-binding protein 15 | 60241 | Rn.163404 | BF543142 | 3.58 | 3.89 | 3.60 | 3.57 | 3.72 | 3.58 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388170_at | Ca16 | calcium-binding protein 16 | 60241 | Rn.203264 | BE097389 | 6.24 | 7.78 | 7.22 | 7.25 | 7.30 | 6.91 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388171_at | Ca17 | calcium-binding protein 17 | 60241 | Rn.163404 | BF543142 | 4.35 | 4.31 | 4.54 | 4.83 | 4.11 | 4.26 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388172_at | Ca18 | calcium-binding protein 18 | 60241 | Rn.163404 | BF543142 | 2.38 | 2.37 | 2.39 | 2.38 | 2.60 | 2.36 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388173_at | Ca19 | calcium-binding protein 19 | 60241 | Rn.75290 | BF402255 | 2.55 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388174_at | Ca20 | calcium-binding protein 20 | 60241 | Rn.163404 | BF543142 | 4.31 | 4.21 | 4.50 | 5.04 | 3.17 | 5.00 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388175_at | Ca21 | calcium-binding protein 21 | 60241 | Rn.102623 | AA064510 | 2.49 | 2.31 | 2.31 | 2.30 | 2.31 | 2.30 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388176_at | Ca22 | calcium-binding protein 22 | 60241 | Rn.154293 | BF145622 | 2.50 | 2.55 | 2.45 | 2.44 | 2.45 | 2.45 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388177_at | Ca23 | calcium-binding protein 23 | 60241 | Rn.40737 | AF110364 | 2.32 | 2.31 | 2.34 | 2.32 | 2.53 | 2.31 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388178_at | Ca24 | calcium-binding protein 24 | 60241 | Rn.217068 | BF141395 | 5.70 | 6.30 | 5.71 | 5.78 | 5.82 | 6.28 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388179_at | Ca25 | calcium-binding protein 25 | 60241 | Rn.6800 | AB169104 | 2.44 | 2.43 | 2.45 | 2.64 | 2.44 | 2.43 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388180_at | Ca26 | calcium-binding protein 26 | 60241 | Rn.208628 | BE121110 | 2.37 | 2.26 | 2.55 | 2.38 | 2.37 | 2.35 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388181_at | Ca27 | calcium-binding protein 27 | 60241 | Rn.23593 | BF404629 | 7.28 | 6.07 | 5.86 | 6.47 | 6.26 | 6.33 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388182_at | Ca28 | calcium-binding protein 28 | 60241 | Rn.208628 | BE121110 | 2.49 | 2.65 | 2.51 | 2.46 | 2.50 | 2.49 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388183_at | Ca29 | calcium-binding protein 29 | 60241 | Rn.208628 | BE121110 | 7.78 | 8.54 | 8.47 | 8.75 | 8.46 | 8.78 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388184_at | Ca30 | calcium-binding protein 30 | 60241 | Rn.208628 | BE121110 | 2.45 | 2.42 | 2.56 | 2.43 | 2.48 | 2.40 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388185_at | Ca31 | calcium-binding protein 31 | 60241 | Rn.193131 | BE112885 | 2.44 | 2.43 | 2.47 | 2.44 | 2.46 | 2.63 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388186_at | Ca32 | calcium-binding protein 32 | 60241 | Rn.208628 | BE121110 | 2.21 | 2.21 | 2.21 | 2.32 | 2.21 | 2.21 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388187_at | Ca33 | calcium-binding protein 33 | 60241 | Rn.9526 | AV052109 | 4.21 | 4.60 | 3.42 | 3.76 | 3.78 | 4.88 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388188_at | Ca34 | calcium-binding protein 34 | 60241 | Rn.5910 | NM_032058 | 6.51 | 6.17 | 6.12 | 6.21 | 6.05 | 6.38 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388189_at | Ca35 | calcium-binding protein 35 | 60241 | Rn.13591 | AT19831 | 8.15 | 8.05 | 8.15 | 8.05 | 8.15 | 8.05 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388190_at | Ca36 | calcium-binding protein 36 | 60241 | Rn.45550 | BF413190 | 2.42 | 2.73 | 2.44 | 2.55 | 2.43 | 2.42 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388191_at | Ca37 | calcium-binding protein 37 | 60241 | Rn.208628 | BE121110 | 2.45 | 2.54 | 2.55 | 2.54 | 2.54 | 2.54 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388192_at | Ca38 | calcium-binding protein 38 | 60241 | Rn.91118 | X04440 | 2.60 | 2.60 | 2.61 | 2.60 | 2.60 | 2.59 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388193_at | Ca39 | calcium-binding protein 39 | 60241 | Rn.16242 | BE116242 | 2.54 | 2.56 | 2.58 | 2.53 | 2.54 | 2.52 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388194_at | Ca40 | calcium-binding protein 40 | 60241 | Rn.172781 | BF784629 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388195_at | Ca41 | calcium-binding protein 41 | 60241 | Rn.1509 | AD01509 | 2.69 | 2.43 | 2.48 | 2.47 | 2.49 | 2.45 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388196_at | Ca42 | calcium-binding protein 42 | 60241 | Rn.60 | BF958252 | 4.32 | 5.65 | 5.68 | 6.10 | 4.32 | 6.29 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388197_at | Ca43 | calcium-binding protein 43 | 60241 | Rn.205003 | AN26249 | 2.59 | 2.59 | 2.49 | 2.57 | 2.49 | 2.39 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388198_at | Ca44 | calcium-binding protein 44 | 60241 | Rn.162445 | BE127890 | 6.93 | 7.48 | 7.37 | 7.77 | 6.57 | 7.25 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388199_at | Ca45 | calcium-binding protein 45 | 60241 | Rn.110107 | NM132547 | 2.45 | 2.42 | 2.49 | 2.49 | 2.42 | 2.63 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388200_at | Ca46 | calcium-binding protein 46 | 60241 | Rn.56673 | BF407796 | 2.38 | 2.36 | 2.36 | 2.57 | 2.36 | 2.34 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388201_at | Ca47 | calcium-binding protein 47 | 60241 | Rn.98676 | BE178851 | 2.55 | 2.57 | 2.55 | 2.54 | 2.60 | 2.54 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388202_at | Ca48 | calcium-binding protein 48 | 60241 | Rn.135047 | AA05343 | 4.45 | 4.92 | 4.12 | 4.52 | 4.42 | 5.14 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388203_at | Ca49 | calcium-binding protein 49 | 60241 | Rn.28769 | BE120282 | 2.50 | 2.49 | 2.69 | 2.49 | 2.50 | 2.49 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388204_at | Ca50 | calcium-binding protein 50 | 60241 | Rn.6864 | BE110989 | 3.30 | 3.30 | 3.34 | 3.33 | 3.33 | 3.33 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388205_at | Ca51 | calcium-binding protein 51 | 60241 | Rn.6864 | BE110989 | 3.32 | 3.32 | 3.32 | 3.32 | 3.32 | 3.31 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388206_at | Ca52 | calcium-binding protein 52 | 60241 | Rn.10820 | LA0002 | 2.31 | 2.27 | 2.33 | 2.49 | 2.31 | 2.29 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388207_at | Ca53 | calcium-binding protein 53 | 60241 | Rn.25148 | AA054020 | 6.20 | 7.94 | 6.73 | 7.24 | 6.94 | 7.55 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388208_at | Ca54 | calcium-binding protein 54 | 60241 | Rn.12624 | NM_08094 | 2.33 | 2.26 | 2.34 | 2.33 | 2.56 | 2.33 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388209_at | Ca55 | calcium-binding protein 55 | 60241 | Rn.16547 | AV053470 | 2.48 | 2.39 | 2.39 | 2.58 | 2.43 | 2.45 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388210_at | Ca56 | calcium-binding protein 56 | 60241 | Rn.203174 | BF38617 | 2.52 | 2.47 | 2.51 | 2.61 | 2.47 | 2.53 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388211_at | Ca57 | calcium-binding protein 57 | 60241 | Rn.137566 | AF117788 | 6.90 | 6.44 | 4.89 | 5.99 | 5.84 | 6.58 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388212_at | Ca58 | calcium-binding protein 58 | 60241 | Rn.8146 | BF38617 | 2.45 | 2.45 | 2.76 | 2.67 | 2.45 | 2.72 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388213_at | Ca59 | calcium-binding protein 59 | 60241 | Rn.128769 | NM_013065 | 6.34 | 6.23 | 6.88 | 6.30 | 6.69 | 6.64 | 1.04 | down | 5.36E-01 | 9.95E-01 | - | - |
| 1388214_at | Ca60 | calcium-binding protein 60 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/MS/seq | Resonance | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|-------------|--|--|------------|-----------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|----------------------------------|-----|-----|
| | | | | | | SEPS (Ch1) | SEPA (Ch1) | SEPB (Ch1) | SEPC (Ch1) | SEPD (Ch1) | SEPE (Ch1) | SEPF (Ch1) | SEPG (Ch1) | SEPH (Ch1) | SEPI (Ch1) | | | | | |
| 1396415_at | Pigg | Phosphatidylinositol glycan anchor biosynthesis, class P | 288238 | Rn.53715 | BF387662 | 2.49 | 2.47 | 2.53 | 2.68 | 2.52 | 2.47 | 2.54 | 2.44 | 1.04 | down | 4.14E-01 | 8.95E-01 | - | | |
| 1396415_at | --- | --- | --- | --- | BE109076 | 2.55 | 2.50 | 2.59 | 2.52 | 2.57 | 2.37 | 2.37 | 1.04 | down | 3.90E-01 | 8.95E-01 | - | | | |
| 1396415_at | --- | --- | --- | --- | BF158970 | 2.54 | 2.51 | 2.51 | 2.53 | 2.53 | 2.50 | 2.50 | 1.04 | down | 5.88E-02 | 8.95E-01 | - | | | |
| 1396415_at | --- | --- | --- | --- | Rn.208984 | 2.61 | 2.56 | 2.54 | 2.51 | 2.53 | 2.50 | 2.50 | 1.04 | down | 5.88E-02 | 8.95E-01 | - | | | |
| 1396415_at | --- | --- | --- | --- | Rn.141707 | 3.35 | 3.35 | 3.37 | 3.31 | 3.31 | 3.31 | 3.31 | 1.04 | down | 4.17E-01 | 8.95E-01 | - | | | |
| 1396415_at | B4gal7 | xylosyltransferase beta 4-galactosyltransferase, polypeptide 7 (galactosyltransferase) | 364675 | Rn.41210 | BM385124 | 5.21 | 5.20 | 5.21 | 5.21 | 5.21 | 5.39 | 5.39 | 1.04 | up | 1.63E-01 | 8.95E-01 | - | | | |
| 1396415_at | Mesod2 | mesoderm development candidate 2 | 369796 | Rn.41405 | BI282054 | 8.33 | 8.29 | 8.25 | 8.85 | 8.44 | 8.52 | 8.83 | 1.04 | down | 7.81E-01 | 8.95E-01 | - | | | |
| 1396415_at | LOC113641 | --- | 317171 | Rn.13641 | 369796 | 3.26 | 3.26 | 3.26 | 3.31 | 3.31 | 3.24 | 3.14 | 1.04 | down | 8.02E-01 | 8.95E-01 | - | | | |
| 1396415_at | --- | --- | --- | --- | Rn.205373 | BF402235 | 2.61 | 2.45 | 2.48 | 2.80 | 2.47 | 2.45 | 1.04 | up | 6.48E-01 | 8.95E-01 | - | | | |
| 1396415_at | Raf1 | retroviral acid induced 1 | 369796 | Rn.19638 | BF158970 | 2.54 | 2.56 | 2.54 | 2.51 | 2.53 | 2.50 | 2.50 | 1.04 | down | 3.76E-01 | 8.95E-01 | - | | | |
| 1396415_at | LOC498675 | hepatic acid induced 1 | 498675 | Rn.19646 | BF394500 | 3.29 | 3.26 | 3.26 | 3.33 | 3.33 | 3.27 | 3.27 | 1.04 | up | 8.95E-01 | 8.95E-01 | - | | | |
| 1396415_at | Ca039 | calcium binding protein 39-like | 290291 | Rn.16329 | BC682592 | 5.61 | 6.27 | 5.77 | 6.15 | 5.57 | 5.76 | 5.76 | 1.04 | down | 8.29E-01 | 8.95E-01 | - | | | |
| 1396415_at | Hn3 | histamine receptor h3 | 62069 | Rn.70197 | AY093971 | 2.27 | 2.26 | 2.45 | 2.45 | 2.27 | 2.27 | 2.26 | 1.04 | down | 3.76E-01 | 8.95E-01 | - | | | |
| 1396415_at | Ka5 | Ka5ine acetyltransferase 5 | 192218 | Rn.6629 | BI285597 | 4.07 | 4.41 | 4.37 | 4.78 | 4.83 | 3.47 | 4.37 | 1.04 | down | 8.90E-01 | 8.95E-01 | - | | | |
| 1396415_at | Mya3 | MYST histone acetyltransferase (monocyclic leukemia 3) | 306571 | Rn.33802 | BI304019 | 4.23 | 4.08 | 4.29 | 4.08 | 4.14 | 4.22 | 4.22 | 1.04 | down | 4.76E-01 | 8.95E-01 | - | | | |
| 1396415_at | Myo2 | mitochondrial ribosomal protein L32 | 610307 | Rn.6950 | BF144949 | 7.63 | 6.78 | 6.78 | 6.78 | 6.89 | 6.89 | 6.89 | 1.04 | down | 8.88E-01 | 8.95E-01 | - | | | |
| 1396415_at | RGD1564209 | similar to Acyl-CoA dehydrogenase family member 8, mitochondrial precursor | 367046 | Rn.8978 | AY598119 | 1.27 | 6.04 | 7.28 | 6.68 | 7.34 | 6.98 | 6.98 | 1.04 | down | 8.43E-01 | 8.95E-01 | - | | | |
| 1396415_at | Zc014 | zinc finger CCHC type containing 14 | 192309 | Rn.9839 | AK554271 | 2.46 | 2.21 | 2.35 | 2.24 | 2.07 | 2.61 | 2.61 | 1.04 | down | 4.82E-01 | 8.95E-01 | - | | | |
| 1396415_at | W11 | W11es tumor 1 | 24883 | Rn.92531 | AK598621 | 2.47 | 2.43 | 2.67 | 2.46 | 2.52 | 2.42 | 2.42 | 1.04 | down | 4.85E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1382088 | --- | --- | --- | Rn.20442 | AK56753 | 2.39 | 2.37 | 2.40 | 2.58 | 2.41 | 2.36 | 1.04 | up | 4.33E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1383702 | --- | --- | --- | Rn.44600 | AK554301 | 3.03 | 3.48 | 4.48 | 3.48 | 3.50 | 4.19 | 1.04 | up | 3.07E-01 | 8.95E-01 | - | | | |
| 1396415_at | Tlr2 | transferrin receptor 2 | 288562 | Rn.59926 | BF401956 | 2.41 | 2.40 | 2.42 | 2.53 | 2.41 | 2.48 | 2.48 | 1.04 | up | 1.56E-01 | 8.95E-01 | - | | | |
| 1396415_at | Mua1 | mitochondrial nuclear pore suppressor 1 | 309487 | Rn.95344 | AF107571 | 4.74 | 5.05 | 4.26 | 4.74 | 4.54 | 4.80 | 4.80 | 1.04 | down | 8.11E-01 | 8.95E-01 | - | | | |
| 1396415_at | Syde1 | lysine deficient 1, Rho C/Pase, homolog 1 (C. elegans) | 309842 | Rn.54319 | BE110924 | 3.24 | 3.24 | 3.39 | 3.27 | 3.39 | 3.27 | 3.27 | 1.04 | down | 8.41E-01 | 8.95E-01 | - | | | |
| 1396415_at | D344 | DNA-damage-inducible transcript 4-like | 140822 | Rn.19872 | NM_080399 | 2.41 | 2.40 | 2.43 | 2.40 | 2.41 | 2.80 | 2.80 | 1.04 | up | 4.06E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1387707 | --- | --- | --- | BF284919 | 4.61 | 5.85 | 5.81 | 4.47 | 5.84 | 5.32 | 5.32 | 1.04 | up | 8.31E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1387554 | Gain5 | UDP-N-acetyl-alpha-D-galactosamine-polypeptide N-acetylglucosaminyltransferase | 368582 | Rn.30048 | NM_031796 | 2.35 | 2.34 | 2.35 | 2.54 | 2.35 | 2.34 | 1.04 | up | 4.03E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1388715 | Kond1 | potassium voltage-gated channel, Shal-related family, member 1 | 116695 | Rn.9468 | AK957975 | 2.31 | 2.30 | 2.48 | 2.30 | 2.31 | 2.29 | 1.04 | down | 3.74E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1391226 | --- | --- | --- | BF142352 | 2.43 | 2.58 | 2.44 | 2.43 | 2.46 | 2.42 | 2.42 | 1.04 | down | 3.37E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1397739 | Gng12 | guanine nucleotide binding protein (G protein), gamma 12 | 114120 | Rn.198679 | AK576549 | 9.13 | 9.03 | 8.79 | 9.16 | 8.41 | 9.27 | 1.04 | up | 8.73E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398143 | Chac2 | Chac2, cation transport regulator homolog 2 (E. coli) | 300994 | Rn.19840 | BF385134 | 2.44 | 2.57 | 2.46 | 2.43 | 2.46 | 2.41 | 1.04 | down | 2.04E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398192 | Map5 | microtubule protein, gamma-tubulin 5 (NAGLUK 655 subfamily member 5) | 266701 | Rn.31471 | AK702391 | 7.45 | 4.10 | 3.97 | 3.79 | 4.39 | 4.39 | 1.04 | down | 8.73E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398354 | Lrr2 | tumor necrosis factor receptor superfamily, member 21 | 316256 | Rn.98233 | AK042021 | 10.10 | 9.92 | 10.14 | 9.96 | 9.66 | 10.48 | 1.04 | down | 8.35E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398395 | Lrr2 | lrr2 | 316256 | Rn.203839 | BE105613 | 2.60 | 2.54 | 2.60 | 2.63 | 2.75 | 2.64 | 1.04 | down | 5.80E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398424 | --- | --- | --- | Rn.4603 | BI21177 | 2.59 | 2.50 | 2.73 | 2.40 | 2.63 | 2.97 | 1.04 | up | 7.54E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398759 | --- | --- | --- | Rn.209354 | BF394205 | 2.68 | 2.49 | 2.53 | 2.51 | 2.53 | 2.48 | 1.04 | down | 3.63E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398826 | Ana1 | acyl-CoA oxidase promoting complex subunit 1 | 311412 | Rn.4 | BI303296 | 3.61 | 4.19 | 3.07 | 3.61 | 4.19 | 3.07 | 1.04 | down | 8.88E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398843 | Nm1 | nucleoside diphosphate adenylyltransferase 1 | 286653 | Rn.147523 | BF285393 | 3.26 | 3.12 | 3.08 | 3.07 | 3.20 | 3.21 | 1.04 | down | 4.91E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398852 | Usp19 | ubiquitin specific peptidase 19 | 301190 | Rn.13484 | AK832224 | 3.13 | 3.18 | 3.16 | 3.15 | 3.02 | 3.13 | 1.04 | down | 2.26E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398895 | Map1 | microtubule protein, gamma-tubulin 1 | 44023 | Rn.203326 | AK162899 | 3.01 | 2.99 | 3.01 | 3.02 | 2.99 | 3.01 | 1.04 | down | 8.73E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398914 | Ptpn12 | protein tyrosine phosphatase, non-receptor type 12 | 117255 | Rn.10707 | BI289825 | 5.41 | 5.33 | 5.12 | 5.16 | 4.88 | 5.65 | 1.04 | down | 8.19E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398924 | Mira | myc induced nuclear oncoprotein 4 | 266701 | Rn.77753 | BE105613 | 2.60 | 2.54 | 2.60 | 2.63 | 2.75 | 2.64 | 1.04 | down | 5.80E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1398924 | LOC628274 | hepatic protein LOC628274 | 662874 | --- | BE072956 | 2.47 | 2.29 | 2.31 | 2.29 | 2.30 | 2.29 | 1.04 | down | 3.46E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Tmem106c | transmembrane protein 106C | 312596 | Rn.99883 | BF141801 | 2.30 | 2.24 | 2.32 | 2.29 | 2.31 | 2.29 | 1.04 | down | 2.47E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Ptprc | protein tyrosine phosphatase, receptor type, E | 114787 | Rn.107819 | D78610 | 2.41 | 2.41 | 2.43 | 2.41 | 2.42 | 2.49 | 1.04 | up | 3.74E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Pus7 | pseudouridylyl synthase 7 (homolog S. cerevisiae)/like | 315264 | --- | BF146892 | 2.37 | 2.36 | 2.37 | 2.37 | 2.37 | 2.37 | 1.04 | up | 3.42E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.146314 | BC375046 | 2.71 | 2.70 | 2.88 | 2.71 | 2.72 | 2.69 | 1.04 | down | 3.84E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.95167 | AK955879 | 2.56 | 2.53 | 2.55 | 2.53 | 2.54 | 2.39 | 1.04 | down | 2.99E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.204157 | AK955879 | 2.56 | 2.53 | 2.55 | 2.53 | 2.54 | 2.39 | 1.04 | down | 2.99E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.145718 | AK796880 | 7.26 | 7.90 | 7.79 | 7.63 | 7.74 | 7.76 | 1.04 | up | 7.80E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.19908 | BI278598 | 6.95 | 6.52 | 6.52 | 6.22 | 6.33 | 6.47 | 1.04 | down | 8.78E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Nudb | Nucleoside diphosphate linked motif X1-type motif 8 | 361992 | Rn.23958 | AK162899 | 5.07 | 4.07 | 4.04 | 4.07 | 4.04 | 4.04 | 1.04 | down | 8.73E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Agp5 | agapin 5 | 25241 | Rn.204638 | AK144949 | 2.57 | 2.52 | 2.57 | 2.55 | 2.60 | 2.68 | 1.04 | up | 2.37E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.10096 | BE105613 | 2.60 | 2.54 | 2.60 | 2.63 | 2.75 | 2.64 | 1.04 | down | 5.80E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | --- | BE065522 | 3.08 | 2.52 | 2.85 | 2.75 | 2.83 | 2.69 | 1.04 | down | 7.46E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Agp2 | agapin 2 | 81815 | Rn.28991 | NM_031137 | 8.23 | 8.13 | 8.12 | 8.12 | 8.16 | 8.11 | 1.04 | down | 1.20E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | Tip1 | tyrosine phosphatase, inositol 3-kinase activator 1 | 292904 | Rn.29094 | BI061124 | 7.48 | 7.16 | 7.81 | 8.06 | 7.61 | 7.81 | 1.04 | down | 8.41E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.70197 | BE110924 | 3.24 | 3.24 | 3.39 | 3.27 | 3.39 | 3.27 | 1.04 | down | 8.41E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.70197 | BE110924 | 3.24 | 3.24 | 3.39 | 3.27 | 3.39 | 3.27 | 1.04 | down | 8.41E-01 | 8.95E-01 | - | | | |
| 1396415_at | 1392146 | --- | --- | --- | Rn.70197 | BE110924 | 3.24 | 3.24 | 3.39 | 3.27 | 3.39 | 3.27 | 1.04 | down | 8.41E-01 | 8.95E-01 | - | | | |
| 13964 | | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | SEPH (Ct) | SEPI (Ct) | FCMHouse | Resuspension | Unpaired t-test vs Ctl (p-value) | Unpaired t-test vs Ctl (p-value) | REG | MTC |
|------------|-------------|--|---------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------------|----------------------------------|----------------------------------|-----|-----|
| 1386140_at | --- | --- | --- | --- | A123590 | 5.61 | 5.03 | 5.01 | 6.95 | 4.83 | 4.54 | 4.54 | 4.04 | 4.04 | up | 8.44E-01 | 9.84E-01 | --- | --- | | |
| 1386042_at | --- | --- | --- | --- | AW534967 | 2.66 | 2.64 | 2.77 | 2.28 | 3.38 | 2.88 | 2.88 | 1.04 | 1.04 | down | 8.66E-01 | 9.99E-01 | --- | --- | | |
| 137122_at | Tag101 | tumor suppressor gene 101 | 292925 | Rn.741410 | A1234654 | 7.20 | 7.05 | 6.50 | 7.05 | 6.50 | 7.05 | 7.05 | 7.05 | 7.05 | down | 8.66E-01 | 9.99E-01 | --- | --- | | |
| 1370776_at | Sial | sialic acid acetyltransferase | 303445 | Rn.21775 | A1716131 | 4.30 | 4.29 | 4.05 | 4.02 | 4.42 | 4.37 | 4.04 | 4.04 | 4.04 | up | 1.75E-01 | 9.10E-01 | --- | --- | | |
| 1369776_at | --- | --- | --- | --- | Rn.1448947 | 2.30 | 2.30 | 2.30 | 2.30 | 2.33 | 2.32 | 2.33 | 2.33 | 2.33 | down | 3.74E-01 | 9.95E-01 | --- | --- | | |
| 1369626_at | Sloc2b1 | solute carrier organic anion transporter family, member 2b1 | 140806 | Rn.44538 | A1169410 | 2.35 | 2.52 | 2.35 | 2.35 | 2.36 | 2.34 | 2.04 | 2.04 | down | 3.62E-01 | 9.95E-01 | --- | --- | | | |
| 1369463_at | --- | --- | --- | --- | Rn.205511 | A1547767 | 2.65 | 2.62 | 2.73 | 2.61 | 2.68 | 2.53 | 2.04 | 2.04 | down | 3.52E-01 | 9.95E-01 | --- | --- | | |
| 1369322_at | Acad4 | acetoacetic acid decarboxylase, RNA-specific | 81635 | Rn.101002 | A1234567 | 2.72 | 2.72 | 2.77 | 2.77 | 2.77 | 2.77 | 2.77 | 2.77 | 2.77 | down | 8.92E-01 | 9.95E-01 | --- | --- | | |
| 1373371_at | Fncf1 | formation of mitochondrial complex I homolog (S. cerevisiae) | 500087 | Rn.65180 | A1892572 | 7.41 | 7.10 | 6.87 | 7.44 | 7.02 | 7.09 | 7.04 | 7.04 | down | 7.90E-01 | 9.33E-01 | --- | --- | | | |
| 1373371_at | Gli1 | GLI1 RNA export mediator homolog (yeast) | 1074608 | Rn.160480 | A1547767 | 7.83 | 7.30 | 5.79 | 6.86 | 6.45 | 7.01 | 7.01 | 7.01 | down | 8.36E-01 | 9.82E-01 | --- | --- | | | |
| 1369473_at | Lgk3 | leucine-rich repeat Lgk1 family, member 3 | 306013 | Rn.52682 | BE110044 | 2.54 | 2.84 | 2.66 | 2.53 | 2.54 | 2.54 | 2.04 | 2.04 | down | 1.88E-01 | 9.95E-01 | --- | --- | | | |
| 1369556_at | Dna60 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 | 306409 | Rn.144123 | B1303853 | 2.71 | 2.59 | 2.87 | 2.66 | 2.60 | 2.53 | 2.04 | 2.04 | down | 6.39E-01 | 9.95E-01 | --- | --- | | | |
| 1370724_at | RD1156312 | similar to testymin | 500026 | Rn.204577 | BE116912 | 2.61 | 3.01 | 2.62 | 2.67 | 2.68 | 2.72 | 2.04 | 2.04 | down | 8.87E-01 | 9.94E-01 | --- | --- | | | |
| 1369103_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | up | 4.02E-01 | 9.95E-01 | --- | --- | | |
| 1370719_at | Map4k3 | mitogen-activated protein kinase kinase kinase 3 | 170200 | Rn.93345 | A1819812 | 5.73 | 5.32 | 5.00 | 5.32 | 5.20 | 5.36 | 5.04 | 5.04 | down | 8.02E-01 | 9.36E-01 | --- | --- | | | |
| 1370657_at | Muf | colloid-coiled coil containing 52 | 304949 | Rn.73851 | A1029420 | 5.88 | 5.84 | 5.51 | 5.83 | 6.33 | 5.64 | 5.04 | 5.04 | down | 7.65E-01 | 9.34E-01 | --- | --- | | | |
| 1369145_at | Cdc52 | --- | 288111 | Rn.138747 | A109150 | 2.50 | 2.84 | 2.38 | 2.33 | 2.49 | 2.70 | 2.04 | 2.04 | down | 7.65E-01 | 9.22E-01 | --- | --- | | | |
| 1369145_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.74E-01 | 9.95E-01 | --- | --- | | |
| 1369180_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.32E-01 | 9.95E-01 | --- | --- | | |
| 1368782_at | Satr2 | somatostatin receptor 2 | 54305 | Rn.99223 | A159916 | 2.58 | 2.58 | 2.62 | 2.77 | 2.60 | 2.58 | 2.04 | 2.04 | down | 4.42E-01 | 9.95E-01 | --- | --- | | | |
| 1380795_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 8.46E-01 | 9.95E-01 | --- | --- | | |
| 1392446_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 7.74E-01 | 9.26E-01 | --- | --- | | |
| 1382606_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 2.60E-01 | 9.95E-01 | --- | --- | | |
| 1380795_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.04E-01 | 9.95E-01 | --- | --- | | |
| 1391339_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.84E-01 | 9.95E-01 | --- | --- | | |
| 1394007_at | Rab11f2 | RAB11 protein interacting protein 2 (class I) | 369603 | Rn.64225 | AW523203 | 2.54 | 2.53 | 2.54 | 2.53 | 2.54 | 2.71 | 2.04 | 2.04 | down | 3.77E-01 | 9.95E-01 | --- | --- | | | |
| 1379553_at | Ptc7 | PTC7 protein phosphatase homolog (S. cerevisiae) | 304488 | Rn.7549 | A172697 | 4.18 | 3.34 | 3.91 | 3.60 | 4.15 | 3.85 | 3.04 | 3.04 | down | 8.54E-01 | 9.55E-01 | --- | --- | | | |
| 1394668_at | Cad30 | cell adhesion molecule 3 | 360882 | Rn.138884 | BF409960 | 2.54 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 2.04 | 2.04 | down | 3.55E-01 | 9.95E-01 | --- | --- | | | |
| 1386533_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.32E-01 | 9.95E-01 | --- | --- | | |
| 1385653_at | Rab39 | RAB39, member RAS oncogene family | 315688 | Rn.156562 | A1817920 | 2.55 | 2.52 | 2.67 | 2.53 | 2.54 | 2.49 | 2.04 | 2.04 | down | 2.87E-01 | 9.95E-01 | --- | --- | | | |
| 1391625_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 2.79E-01 | 9.95E-01 | --- | --- | | |
| 1380403_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.84E-01 | 9.95E-01 | --- | --- | | |
| 1362372_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 2.63E-01 | 9.95E-01 | --- | --- | | |
| 1382757_at | Acad10 | acetoacetic acid decarboxylase 2, mitochondrial | 70020 | Rn.42377 | AW523203 | 2.54 | 2.53 | 2.54 | 2.53 | 2.54 | 2.71 | 2.04 | 2.04 | down | 7.74E-01 | 9.95E-01 | --- | --- | | | |
| 1381207_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 2.74E-01 | 9.95E-01 | --- | --- | | |
| 1371608_at | Mps34 | mitochondrial ribosomal protein S34 | 287126 | Rn.11777 | B127956 | 6.11 | 7.08 | 6.79 | 6.73 | 6.88 | 6.85 | 6.04 | 6.04 | down | 8.66E-01 | 9.95E-01 | --- | --- | | | |
| 1376264_at | Rplm2 | ribosomal protein L2, membrane-associated 2 | 304714 | Rn.75986 | A1191912 | 2.43 | 2.42 | 2.45 | 2.42 | 2.45 | 2.44 | 2.04 | 2.04 | down | 3.32E-01 | 9.95E-01 | --- | --- | | | |
| 1388556_at | Kitlg | KIT ligand | 60427 | Rn.44216 | BG374178 | 2.51 | 2.81 | 2.52 | 2.61 | 2.56 | 2.49 | 2.04 | 2.04 | down | 6.10E-01 | 9.95E-01 | --- | --- | | | |
| 1380416_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 8.21E-01 | 9.95E-01 | --- | --- | | |
| 1379799_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 5.86E-01 | 9.95E-01 | --- | --- | | |
| 1396555_at | Cofa3 | procollagen, type VI, alpha 3 | 367313 | Rn.216627 | AW530165 | 3.68 | 2.79 | 2.41 | 3.07 | 3.00 | 2.98 | 2.04 | 2.04 | down | 8.66E-01 | 9.95E-01 | --- | --- | | | |
| 1396555_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 1.91E-01 | 9.95E-01 | --- | --- | | |
| 1372818_at | RD1307615 | similar to hypothetical protein FL113045 | 362084 | Rn.17709 | A1047147 | 4.00 | 4.62 | 3.80 | 4.23 | 3.60 | 3.98 | 4.04 | 4.04 | down | 8.83E-01 | 9.64E-01 | --- | --- | | | |
| 1374812_at | Hmg3 | homoargininase 3 | 59315 | Rn.19736 | B1032837 | 2.45 | 2.45 | 2.47 | 2.62 | 2.47 | 2.46 | 2.04 | 2.04 | down | 3.54E-01 | 9.95E-01 | --- | --- | | | |
| 1368618_at | Ccs3 | Ccs3 molecule | 44251 | Rn.31988 | AW523203 | 2.60 | 2.60 | 2.65 | 2.60 | 2.65 | 2.64 | 2.04 | 2.04 | down | 8.46E-01 | 9.95E-01 | --- | --- | | | |
| 1370212_at | Home3 | homeo domain 3 (Drosophila) | 29548 | Rn.144573 | AW523203 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.53 | 2.04 | 2.04 | down | 3.54E-01 | 9.95E-01 | --- | --- | | | |
| 1380833_at | Syr2b | synaptotagmin 2 binding protein | 304531 | Rn.61528 | AW523203 | 6.39 | 6.37 | 6.37 | 6.39 | 6.37 | 6.38 | 6.04 | 6.04 | down | 8.46E-01 | 9.95E-01 | --- | --- | | | |
| 1391696_at | Pu8b | PRP8 pre-mRNA processing factor 8 homolog (S. cerevisiae) | 287530 | Rn.106432 | A1065118 | 7.15 | 6.24 | 4.88 | 6.19 | 5.65 | 6.25 | 6.04 | 6.04 | down | 9.38E-01 | 9.82E-01 | --- | --- | | | |
| 1387153_at | Abim1 | acid-binding LIM protein 1 | 307989 | Rn.40403 | A1229552 | 2.41 | 3.14 | 4.65 | 3.61 | 3.59 | 3.37 | 3.04 | 3.04 | down | 9.35E-01 | 9.82E-01 | --- | --- | | | |
| 1373290_at | Mimc3 | mitochondrial inner membrane protein 3 | 354422 | Rn.83338 | Rn.83338 | 7.48 | 7.86 | 8.94 | 7.31 | 7.36 | 7.44 | 7.04 | 7.04 | down | 8.46E-01 | 9.95E-01 | --- | --- | | | |
| 1396906_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 4.65E-01 | 9.95E-01 | --- | --- | | |
| 1397776_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 4.53E-01 | 9.95E-01 | --- | --- | | |
| 1370534_at | Hs3st1 | heparan sulfate (glycosaminoglycan) 3-O-sulfotransferase 1 | 84406 | Rn.17384 | AF177430 | 2.33 | 2.31 | 2.33 | 2.35 | 2.48 | 2.31 | 2.04 | 2.04 | down | 3.10E-01 | 9.95E-01 | --- | --- | | | |
| 1398992_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 4.41E-01 | 9.95E-01 | --- | --- | | |
| 1398992_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 3.35E-01 | 9.95E-01 | --- | --- | | |
| 1389975_at | Pdk2 | pyruvate dehydrogenase kinase, isozyme 2 | 81530 | Rn.88997 | AF237119 | 5.71 | 5.25 | 4.98 | 5.12 | 5.60 | 5.03 | 5.04 | 5.04 | down | 8.49E-01 | 9.53E-01 | --- | --- | | | |
| 1398904_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 9.90E-02 | 9.95E-01 | --- | --- | | |
| 1387651_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 9.90E-02 | 9.95E-01 | --- | --- | | |
| 1370108_at | Lin7a | lin-7 homolog A (C. elegans) | 85327 | Rn.31768 | AW523203 | 2.59 | 2.58 | 2.52 | 2.51 | 2.52 | 2.52 | 2.04 | 2.04 | down | 3.75E-01 | 9.95E-01 | --- | --- | | | |
| 1371608_at | Mimc2 | mitochondrial inner membrane protein 2 | 354422 | Rn.83338 | AW523203 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.53 | 2.04 | 2.04 | down | 5.52E-01 | 9.95E-01 | --- | --- | | | |
| 1369446_at | B3gat1 | beta-1,3-glucuronidyltransferase 1 (glucuronosyltransferase P) | 117108 | Rn.68274 | NM_054003 | 2.83 | 2.99 | 2.84 | 2.83 | 2.83 | 2.82 | 2.04 | 2.04 | down | 3.27E-01 | 9.95E-01 | --- | --- | | | |
| 1382211_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 9.07E-01 | 9.71E-01 | --- | --- | | |
| 1382211_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | down | 9.07E-01 | 9.71E-01 | --- | --- | | |
| 1370124_at | Bltd4a | BTL4 (POZ) domain containing 14A | 296553 | Rn.20468 | A1052042 | 7.59 | 8.14 | 8.12 | 8.18 | 8.09 | 8.40 | 8.04 | 8.04 | down | 9.12E-01 | 9.71E-01 | --- | --- | | | |
| 1370124_at | --- | --- | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test (Chi vs Chi) (p-values) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | SEPH (Ct) | SEPI (Ct) | | | | | |
| 138238_at | --- | --- | --- | --- | AA799942 | 3.04 | 3.02 | 3.04 | 3.03 | 2.99 | 3.00 | 3.00 | 3.04 | 3.00 | 3.04 | 1.83E-01 | 8.95E-01 | --- | --- | |
| 138426_at | --- | --- | --- | --- | AI552220 | 2.51 | 2.40 | 2.43 | 2.41 | 2.39 | 2.37 | 2.37 | 1.04 | down | 1.92E-01 | 8.95E-01 | --- | --- | | |
| 138474_at | --- | --- | --- | --- | AI871540 | 2.54 | 2.53 | 2.53 | 2.54 | 2.50 | 2.50 | 2.50 | 1.04 | down | 5.15E-01 | 8.95E-01 | --- | --- | | |
| 138703_at | Gcsh | glycine cleavage system protein H (aminoethyllyase carrier) | 171133 | Rn.95544 | NM_133988 | 10.35 | 10.38 | 10.45 | 10.33 | 10.36 | 10.33 | 10.34 | 1.04 | down | 1.57E-01 | 8.95E-01 | --- | --- | | |
| 138842_at | --- | --- | --- | --- | AI127220 | 3.27 | 3.27 | 3.26 | 3.27 | 3.27 | 3.27 | 3.27 | 1.04 | up | 4.33E-01 | 8.95E-01 | --- | --- | | |
| 138874_at | Ppp1r15a | protein phosphatase 1, regulatory (inhibitor) subunit 15A | 171071 | Rn.2232 | BI284349 | 2.35 | 2.34 | 2.33 | 2.35 | 2.35 | 2.35 | 2.45 | 1.04 | down | 6.07E-01 | 8.95E-01 | --- | --- | | |
| 139014_at | P2x1 | purinergic receptor P2X, ligand-gated ion channel, 1 | 25505 | Rn.91176 | BM309148 | 2.56 | 2.36 | 2.40 | 2.38 | 2.41 | 2.36 | 2.40 | 1.04 | down | 4.30E-01 | 8.95E-01 | --- | --- | | |
| 139045_at | Smg9 | 5S ribosomal, nonseam mediated rRNA decay factor (C. elegans) | 171463 | Rn.10445 | AK802691 | 3.27 | 3.27 | 3.26 | 3.27 | 3.27 | 3.27 | 3.14 | 1.04 | down | 7.44E-01 | 8.95E-01 | --- | --- | | |
| 139232_at | --- | --- | --- | --- | Rn.20312 | BM380574 | 2.61 | 2.60 | 2.62 | 2.60 | 2.62 | 2.44 | 1.04 | down | 3.96E-01 | 8.95E-01 | --- | --- | | |
| 139273_at | RGD156417 | similar to novel protein similar to multidomain presynaptic cytomatrix protein p | 317253 | Rn.74221 | BF137222 | 2.38 | 2.40 | 2.36 | 2.41 | 2.36 | 2.40 | 2.37 | 1.04 | down | 4.51E-01 | 8.95E-01 | --- | --- | | |
| 139273_at | --- | --- | --- | --- | Rn.6073 | AA819655 | 2.39 | 2.53 | 2.40 | 2.38 | 2.40 | 2.44 | 1.04 | down | 2.81E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | LOC281825 | similar to Prefoldin subunit 3 (Von Hippel-Lindau-binding protein 1) (VHL-binding | 681825 | --- | BE128641 | 3.56 | 4.10 | 4.15 | 4.19 | 3.26 | 4.52 | 4.04 | 1.04 | up | 9.02E-01 | 9.70E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Y15696 | 2.48 | 2.65 | 2.50 | 2.49 | 2.50 | 2.48 | 1.04 | down | 3.78E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AI013778 | 2.50 | 2.75 | 2.53 | 2.55 | 2.46 | 2.54 | 2.61 | 1.04 | down | 5.70E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | IC28164 | 6.82 | 6.57 | 6.68 | 6.65 | 6.89 | 6.68 | 1.04 | up | 6.30E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AW524955 | 2.33 | 2.37 | 2.46 | 2.39 | 2.33 | 2.35 | 1.04 | down | 3.55E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BM391900 | 3.09 | 2.62 | 2.69 | 2.62 | 2.69 | 2.83 | 2.40 | 1.04 | down | 7.69E-01 | 9.24E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.7390 | AI142720 | 6.97 | 6.95 | 6.52 | 6.59 | 6.47 | 7.22 | 1.04 | down | 8.52E-01 | 9.54E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.12575 | AF277503 | 2.45 | 2.43 | 2.44 | 2.40 | 2.44 | 2.64 | 1.04 | down | 5.08E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.19064 | BI291728 | 10.31 | 10.31 | 10.31 | 10.31 | 10.26 | 10.51 | 1.04 | up | 5.08E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.17025 | AA540281 | 6.91 | 6.95 | 7.24 | 6.96 | 7.08 | 7.22 | 1.04 | up | 6.83E-01 | 9.05E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BF142343 | 2.58 | 2.51 | 2.72 | 2.56 | 2.59 | 2.50 | 1.04 | down | 4.48E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BF346283 | 4.97 | 6.25 | 6.74 | 6.26 | 5.46 | 6.08 | 1.04 | down | 9.26E-01 | 9.80E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | NM_053778 | 3.72 | 3.73 | 3.72 | 3.71 | 3.81 | 3.71 | 1.04 | up | 5.89E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.10046 | AI578901 | 9.90 | 10.13 | 9.92 | 10.10 | 9.92 | 10.09 | 1.04 | up | 5.91E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.30059 | AF132219 | 2.32 | 2.32 | 2.32 | 2.32 | 2.49 | 2.32 | 1.04 | up | 3.98E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BE113008 | 2.43 | 2.58 | 2.51 | 2.45 | 2.47 | 2.44 | 2.44 | 1.04 | down | 2.79E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | AG996300 | 2.32 | 2.32 | 2.34 | 2.32 | 2.34 | 2.49 | 2.49 | 1.04 | up | 3.63E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BF399274 | 2.88 | 3.10 | 2.97 | 2.85 | 2.81 | 2.86 | 1.04 | down | 5.02E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AI178470 | 2.79 | 2.69 | 2.65 | 2.68 | 2.68 | 2.66 | 1.04 | down | 2.36E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.17681 | AA046474 | 4.68 | 4.69 | 4.73 | 4.22 | 4.68 | 5.86 | 1.04 | up | 9.06E-01 | 9.71E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | AI020868 | 2.79 | 2.65 | 2.78 | 2.65 | 2.68 | 2.66 | 1.04 | down | 6.82E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BF403785 | 2.28 | 2.26 | 2.27 | 2.26 | 2.28 | 2.26 | 1.04 | up | 3.33E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BF406262 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.04 | up | 3.28E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.17113 | BI274664 | 3.50 | 3.78 | 3.86 | 3.41 | 3.69 | 3.88 | 1.04 | down | 7.67E-01 | 9.24E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | NM_13090 | AI175555 | 4.86 | 5.28 | 5.31 | 5.05 | 4.68 | 5.18 | 1.04 | up | 8.70E-01 | 9.66E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BI021029 | 2.49 | 2.49 | 2.62 | 2.49 | 2.49 | 2.49 | 1.04 | up | 5.02E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BE107504 | 2.46 | 2.44 | 2.49 | 2.45 | 2.49 | 2.42 | 1.04 | up | 5.61E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.91239 | AF174629 | 2.49 | 2.49 | 2.49 | 2.49 | 2.48 | 2.49 | 1.04 | up | 5.78E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BF283018 | 7.81 | 7.39 | 6.43 | 7.27 | 6.91 | 7.29 | 1.04 | down | 9.04E-01 | 9.71E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BF283227 | 2.58 | 2.57 | 2.71 | 2.58 | 2.62 | 2.51 | 1.04 | down | 3.66E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.9891 | BI291277 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.04 | up | 5.02E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.92786 | AW534965 | 7.80 | 9.00 | 7.74 | 8.05 | 8.07 | 8.59 | 1.04 | up | 9.08E-01 | 9.72E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.21178 | BM309862 | 4.67 | 4.04 | 3.53 | 3.58 | 3.63 | 3.58 | 1.04 | up | 9.25E-01 | 9.78E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | NM_130422 | 2.46 | 2.46 | 2.36 | 2.39 | 2.34 | 2.36 | 1.04 | up | 4.89E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AI01474 | 5.32 | 5.63 | 5.27 | 5.43 | 5.69 | 5.54 | 1.04 | down | 8.58E-01 | 9.56E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BE118628 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 1.04 | down | 7.78E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | UT57697 | 2.50 | 2.49 | 2.50 | 2.67 | 2.50 | 2.49 | 1.04 | down | 4.04E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | IC25746 | 6.53 | 6.66 | 6.68 | 6.68 | 6.12 | 7.39 | 1.04 | down | 8.95E-01 | 9.67E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BI278922 | 2.90 | 2.80 | 2.90 | 2.90 | 2.90 | 2.90 | 1.04 | up | 4.25E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.17885 | BI247076 | 2.42 | 2.42 | 2.42 | 2.42 | 2.45 | 2.52 | 1.04 | up | 7.87E-02 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.41448 | AA080746 | 2.80 | 2.87 | 2.87 | 2.80 | 2.87 | 2.86 | 1.04 | up | 3.81E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | AA54016 | 2.42 | 2.40 | 2.55 | 2.40 | 2.43 | 2.36 | 1.04 | down | 3.28E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.19641 | AW253463 | 7.51 | 7.41 | 7.42 | 7.42 | 7.35 | 7.41 | 1.04 | down | 2.36E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.70807 | AF106012 | 10.78 | 10.78 | 10.78 | 10.78 | 10.66 | 10.78 | 1.04 | up | 8.95E-01 | 9.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.9891 | US1144 | 2.54 | 2.52 | 2.68 | 2.52 | 2.55 | 2.51 | 1.04 | down | 3.41E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | AW32699 | 2.71 | 2.64 | 2.85 | 2.67 | 2.61 | 2.66 | 1.04 | down | 5.66E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BF196775 | 2.63 | 2.58 | 2.78 | 2.60 | 2.65 | 2.58 | 1.04 | down | 4.48E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AI10333 | 10.33 | 10.27 | 10.27 | 10.27 | 10.10 | 10.27 | 1.04 | up | 4.98E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AW433860 | 5.43 | 5.44 | 5.28 | 5.74 | 5.10 | 5.15 | 1.04 | down | 6.08E-01 | 9.38E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | BC330866 | 2.16 | 2.53 | 2.17 | 2.17 | 2.34 | 2.19 | 1.04 | down | 6.86E-01 | 9.07E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | AI113245 | 2.55 | 2.45 | 2.55 | 2.45 | 2.45 | 2.55 | 1.04 | down | 5.15E-01 | 8.95E-01 | --- | --- | | | |
| 139274_at | --- | --- | --- | --- | Rn.48348 | AW352421 | 5.50 | 5.24 | 5.62 | 5.19 | 5.83 | 5.70 | 1.04 | up | 8.42E-01 | 9.51E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.61013 | AA057209 | 3.32 | 3.33 | 3.34 | 3.34 | 3.33 | 3.35 | 1.04 | down | 4.77E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | Rn.88520 | AA086031 | 6.86 | 6.86 | 6.86 | 6.86 | 6.86 | 6.86 | 1.04 | up | 7.79E-01 | 8.95E-01 | --- | --- | | |
| 139274_at | --- | --- | --- | --- | BC379358 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test | Chi vs Chi (log) | REG | MTC |
|-------------|-------------|--|---------|------------|-----------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|-----------------|------------------|-----|-----|
| | | | | | | SEPS (Chi) | SEPA (Chi) | SEPB (Chi) | SEPC (Chi) | SEPD (Chi) | SEPE (Chi) | SEPF (Chi) | SEPG (Chi) | SEPH (Chi) | SEPI (Chi) | | | | | | |
| 1379055_a_1 | --- | --- | --- | --- | BF140240 | 3.65 | 1.15 | 3.76 | 3.93 | 3.31 | 3.17 | 1.04 | down | 8.68E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1390271_at | Plcb3 | phospholipase C class 3 beta | 360842 | Rn.14222 | BM32202 | 3.74 | 4.15 | 2.94 | 4.86 | 3.00 | 2.82 | 1.04 | down | 9.47E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1379157_at | Rpk3 | ribosomal protein kinase 3 | 264240 | Rn.710 | AF036537 | 7.28 | 6.28 | 7.28 | 6.28 | 7.28 | 6.28 | 1.04 | down | 9.84E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1379394_at | Plngl2 | patatin-like phospholipase domain containing 7 | 246246 | Rn.162843 | BE120966 | 2.52 | 2.51 | 2.52 | 2.71 | 2.54 | 2.47 | 1.04 | down | 5.02E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1391185_at | --- | --- | --- | --- | BC371233 | 2.64 | 2.43 | 2.46 | 2.44 | 2.51 | 2.43 | 1.04 | up | 4.96E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1391333_at | ANKK1 | ankyrin repeat domain 11 | 366703 | Rn.236384 | Rn.236384 | 5.60 | 5.60 | 5.43 | 5.60 | 5.60 | 5.43 | 1.04 | down | 8.16E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1386886_at | OgfR | oligodendrocyte growth factor receptor | 83525 | Rn.15740 | NM_053340 | 2.77 | 2.77 | 2.77 | 2.77 | 2.77 | 2.84 | 1.04 | up | 4.03E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1386887_at | Sar1a | GTP-binding protein Sar1A (S. cerevisiae) | 158353 | Rn.15768 | AF028688 | 8.40 | 8.40 | 7.87 | 8.47 | 7.81 | 8.84 | 1.04 | up | 8.82E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1379509_at | Setd1 | SET domain protein 1 | 291423 | Rn.526468 | AF137781 | 2.78 | 2.77 | 2.48 | 2.76 | 2.84 | 2.83 | 1.04 | down | 6.48E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383936_at | --- | --- | --- | --- | AD44315 | 2.61 | 2.61 | 2.71 | 2.61 | 2.62 | 2.53 | 1.04 | down | 2.81E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1371373_at | Cd247 | Cd247 molecule | 29300 | Rn.2997 | D13566 | 2.74 | 2.73 | 2.75 | 2.74 | 2.92 | 2.72 | 1.04 | up | 4.65E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1376953_at | Unc5d | unc-5 homolog C (C. elegans)-like | 301225 | Rn.218684 | BM389244 | 6.08 | 6.27 | 5.40 | 6.08 | 5.76 | 6.07 | 1.04 | up | 8.82E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1385537_at | --- | --- | --- | --- | AA12800 | 2.54 | 2.62 | 2.55 | 2.47 | 2.56 | 2.52 | 1.04 | down | 2.24E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1388040_at | Casq1 | calcineurin 1 (fast-twitch, skeletal muscle) | 688019 | Rn.155802 | BT079253 | 3.51 | 3.35 | 4.36 | 5.13 | 4.08 | 5.16 | 1.04 | down | 9.37E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1392094_at | --- | --- | --- | --- | AA148986 | 2.49 | 2.61 | 2.50 | 2.49 | 2.49 | 2.45 | 1.04 | down | 2.57E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1388490_at | --- | --- | --- | --- | BE108354 | 2.48 | 2.34 | 2.35 | 2.34 | 2.35 | 2.32 | 1.04 | down | 3.08E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1371682_at | Map11c3a | microtubule-associated protein 1 light chain 3 alpha | 362245 | Rn.13135 | AF177372 | 6.35 | 6.63 | 6.41 | 6.31 | 6.58 | 6.34 | 1.04 | down | 6.87E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1391192_at | --- | --- | --- | --- | BF145558 | 2.54 | 2.49 | 2.55 | 2.54 | 2.68 | 2.53 | 1.04 | up | 3.69E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1385554_at | --- | --- | --- | --- | AF545094 | 2.40 | 2.53 | 2.41 | 2.39 | 2.40 | 2.38 | 1.04 | down | 2.95E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1373232_at | --- | --- | --- | --- | BE17280 | 2.38 | 2.40 | 2.39 | 2.38 | 2.38 | 2.56 | 1.04 | up | 4.18E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1394663_at | --- | --- | --- | --- | AF047425 | 2.51 | 2.46 | 2.51 | 2.48 | 2.71 | 2.41 | 1.04 | up | 5.63E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1380202_at | --- | --- | --- | --- | BE107883 | 2.45 | 2.52 | 2.46 | 2.43 | 2.44 | 2.41 | 1.04 | down | 1.95E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1398754_at | Uba52 | ubiquitin A-52 residue ribosomal protein fusion product 1 | 64156 | Rn.110618 | NM_031887 | 11.85 | 11.81 | 11.31 | 11.49 | 11.27 | 11.85 | 1.04 | down | 8.32E-01 | 9.47E-01 | --- | --- | --- | | | |
| 1390370_at | LOC4399124 | mouse zinc finger protein 14-like | 459124 | Rn.167161 | AA058864 | 2.35 | 2.57 | 2.48 | 2.47 | 2.48 | 2.48 | 1.04 | down | 1.19E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1372476_at | Fads3 | fatty acid desaturase 3 | 289622 | Rn.35282 | AW553321 | 4.13 | 3.32 | 3.50 | 4.00 | 3.51 | 3.59 | 1.04 | up | 8.64E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1389703_at | --- | --- | --- | --- | AF049887 | 3.64 | 2.77 | 2.75 | 2.78 | 3.51 | 2.72 | 1.04 | down | 8.96E-01 | 9.68E-01 | --- | --- | --- | | | |
| 1389694_a_1 | Mta1 | metastasis associated 1 | 64520 | Rn.58483 | AF020048 | 2.69 | 2.91 | 2.68 | 2.74 | 2.71 | 2.69 | 1.04 | down | 5.28E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383465_at | Fbx14 | F-box and leucine-rich repeat protein 14 | 312675 | Rn.18972 | AO58747 | 5.29 | 6.24 | 5.58 | 5.88 | 5.51 | 5.88 | 1.04 | up | 8.73E-01 | 9.61E-01 | --- | --- | --- | | | |
| 1382207_x_1 | Prl2 | proline rich 12 | 361569 | Rn.17162 | AF557589 | 5.02 | 4.71 | 3.91 | 5.34 | 3.67 | 4.79 | 1.04 | up | 9.34E-01 | 9.81E-01 | --- | --- | --- | | | |
| 1390635_x_1 | Soc174 | soluble carrier family 47, member 1 | 360539 | Rn.17240 | AF135683 | 11.15 | 11.37 | 11.02 | 11.02 | 11.30 | 11.50 | 1.04 | down | 7.81E-01 | 9.33E-01 | --- | --- | --- | | | |
| 1374445_at | Gpr162 | G-protein-coupled receptor 162 | 362436 | Rn.222068 | BM388619 | 2.38 | 2.44 | 2.40 | 2.38 | 2.39 | 2.29 | 1.04 | down | 2.15E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1385554_at | --- | --- | --- | --- | BT082187 | 2.38 | 2.44 | 2.38 | 2.44 | 2.38 | 2.29 | 1.04 | down | 2.15E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1397497_at | --- | --- | --- | --- | BF391164 | 2.49 | 2.47 | 2.64 | 2.48 | 2.51 | 2.46 | 1.04 | down | 1.88E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1373002_at | Mpn1 | mitochondrial homology protein S9 | 301371 | Rn.13913 | AA004841 | 7.70 | 8.36 | 8.30 | 8.05 | 7.90 | 8.57 | 1.04 | up | 8.66E-01 | 9.58E-01 | --- | --- | --- | | | |
| 1373017_at | Suc2g | succinate-CoA ligase, GDP-forming, beta subunit | 362404 | Rn.220383 | AF237518 | 10.41 | 9.99 | 10.25 | 10.19 | 10.18 | 10.45 | 1.04 | up | 7.44E-01 | 9.17E-01 | --- | --- | --- | | | |
| 1372897_at | Pro2 | procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 | 302021 | Rn.121898 | BT082187 | 3.01 | 2.99 | 3.08 | 3.03 | 2.99 | 3.07 | 1.04 | down | 4.37E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1392611_at | --- | --- | --- | --- | AI228227 | 2.76 | 2.59 | 2.83 | 2.64 | 2.63 | 2.55 | 1.04 | down | 4.31E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1391386_at | Chn1 | Chimerin (chimerin 1) | 84030 | Rn.11166 | AA12893 | 5.20 | 2.48 | 2.83 | 2.49 | 2.50 | 2.46 | 1.04 | down | 3.32E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1379487_at | --- | --- | --- | --- | AF119586 | 6.32 | 6.38 | 6.27 | 6.38 | 6.37 | 6.27 | 1.04 | down | 4.84E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1369671_at | Golph3 | golph phosphoprotein 3 (coat-protein) | 78961 | Rn.64519 | NM_023977 | 7.90 | 7.93 | 7.52 | 7.38 | 7.49 | 8.32 | 1.04 | down | 8.80E-01 | 9.63E-01 | --- | --- | --- | | | |
| 1385687_at | Fam25a | family with sequence similarity 25, member A | 644972 | Rn.78551 | BT026052 | 4.64 | 6.75 | 6.24 | 6.33 | 5.34 | 6.13 | 1.04 | up | 8.44E-01 | 9.84E-01 | --- | --- | --- | | | |
| 1391473_at | --- | --- | --- | --- | AA545618 | 8.59 | 8.04 | 7.81 | 8.24 | 8.04 | 8.13 | 1.04 | down | 8.48E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383795_at | --- | --- | --- | --- | BF527953 | 2.85 | 3.06 | 2.86 | 2.84 | 2.85 | 2.91 | 1.04 | down | 5.00E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1391340_at | --- | --- | --- | --- | AT174187 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 1.04 | down | 3.48E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1388427_at | Mur8b | matrix-remodelling associated 8 | 313770 | Rn.2457 | AA645351 | 2.32 | 2.31 | 2.32 | 2.33 | 2.32 | 2.36 | 1.04 | up | 1.79E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383734_at | --- | --- | --- | --- | AA589599 | 3.37 | 3.37 | 3.39 | 3.51 | 3.38 | 3.40 | 1.04 | up | 2.75E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1388620_at | Atf1 | activating transcription factor 1 | 315305 | Rn.103304 | AF029652 | 7.73 | 7.87 | 7.24 | 7.45 | 7.76 | 8.10 | 1.04 | down | 9.38E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383330_at | Nrip3 | nitric oxide receptor interacting protein 3 | 361625 | Rn.48099 | AA925994 | 2.43 | 2.43 | 2.44 | 2.58 | 2.45 | 2.43 | 1.04 | up | 3.30E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1378987_at | Home1 | homeo domain 1 (Drosophila) | 29546 | Rn.37500 | AF000260 | 2.37 | 2.32 | 2.60 | 2.48 | 2.50 | 2.42 | 1.04 | up | 7.10E-01 | 9.08E-01 | --- | --- | --- | | | |
| 1380252_at | --- | --- | --- | --- | BF396725 | 2.36 | 2.36 | 2.37 | 2.45 | 2.44 | 2.36 | 1.04 | up | 1.68E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1394122_at | Rho8 | rho homolog gene family, member H | 305341 | Rn.20818 | AA102081 | 2.48 | 2.32 | 2.33 | 2.33 | 2.33 | 2.32 | 1.04 | down | 3.69E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1389820_at | LOC1563533 | novel protein | 313173 | Rn.41524 | BE110544 | 2.45 | 2.45 | 2.44 | 2.45 | 2.44 | 2.29 | 1.04 | down | 3.40E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1396648_at | --- | --- | --- | --- | BF395447 | 2.32 | 2.31 | 2.33 | 2.31 | 2.31 | 2.31 | 1.04 | down | 3.40E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1387744_at | Npcp | nucleic acid repeat complementing rodent repair deficiency complementation 1 | 114583 | Rn.10637 | NM_053750 | 2.75 | 2.74 | 2.77 | 2.52 | 2.85 | 2.74 | 1.04 | down | 6.15E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1387871_at | --- | --- | --- | --- | BF375786 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 1.04 | down | 3.82E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1390400_x_1 | LOC304058 | similar to TRP repeat-containing protein KIAA1043 | 27 | Rn.227 | BM390022 | 2.83 | 2.84 | 3.01 | 2.82 | 3.01 | 2.70 | 1.04 | down | 6.15E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1383215_at | Plat5 | plasmaless activator, tissue | 364568 | Rn.173233 | AF029647 | 2.38 | 2.37 | 2.39 | 2.32 | 2.33 | 2.37 | 1.04 | up | 3.72E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1387600_at | Atad | ATPase family, AAA domain containing 5 | 26562 | Rn.107102 | NM_031151 | 2.64 | 2.56 | 2.55 | 2.81 | 2.62 | 2.47 | 1.04 | up | 6.45E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1387872_at | Plas2 | ATPase family, AAA domain containing 5 | 303348 | Rn.51222 | BE115405 | 2.61 | 2.60 | 2.73 | 2.57 | 2.62 | 2.59 | 1.04 | down | 2.63E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1390611_at | --- | --- | --- | --- | BF118275 | 2.51 | 2.31 | 2.38 | 2.37 | 2.37 | 2.38 | 1.04 | down | 1.38E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1390616_at | --- | --- | --- | --- | BT026731 | 2.27 | 2.27 | 2.28 | 2.44 | 2.27 | 2.28 | 1.04 | up | 4.03E-01 | 9.55E-01 | --- | --- | --- | | | |
| 1390617_at | --- | --- | --- | --- | BE17217 | 2.84 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | PubMed ID | GCRA Intensity (log) | | | | | | | | | | FC/Abouse | Resuspension | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|------------|-------------|---|-----------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPP (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | SEPH (Ct) | SEPI (Ct) | | | | | | |
| 1394675_at | --- | --- | Rn.182875 | AW191027 | 2.72 | 2.67 | 2.80 | 2.96 | 2.75 | 2.62 | 2.04 | --- | --- | --- | 6.58E-01 | 8.95E-01 | --- | --- | | | |
| 1394676_at | Gsk3h | G protein-coupled receptor kinase 2 | Rn.10633 | AF047020 | 2.55 | 2.67 | 2.57 | 2.53 | 2.56 | 2.51 | 1.04 | down | --- | 1.31E-01 | 8.95E-01 | --- | --- | | | | |
| 1394677_at | Plk6 | pleckstrin homology domain containing, family B (evectins) member 2 | Rn.31137 | AF025439 | 4.09 | 3.78 | 3.90 | 3.90 | 3.88 | 3.86 | 1.04 | down | --- | 6.07E-01 | 8.95E-01 | --- | --- | | | | |
| 1394678_at | Gp227 | G protein-coupled receptor 27 | Rn.545454 | AF025439 | 2.92 | 2.82 | 2.91 | 2.92 | 2.92 | 2.92 | 1.04 | down | --- | 5.30E-01 | 8.95E-01 | --- | --- | | | | |
| 1394679_at | Cxk1 | chromobox homology 1 (HP1 beta homolog Drosophila) | Rn.360609 | BF38675 | 2.47 | 2.65 | 2.49 | 2.47 | 2.48 | 2.50 | 1.04 | down | --- | 4.17E-01 | 8.95E-01 | --- | --- | | | | |
| 1394680_at | --- | --- | Rn.28335 | AF091617 | 2.57 | 2.61 | 2.65 | 2.51 | 2.57 | 2.60 | 1.04 | down | --- | 2.14E-01 | 8.95E-01 | --- | --- | | | | |
| 1394681_at | Ghcd2 | glucose-fructose oxidoreductase domain containing 2 | Rn.37071 | AF091617 | 2.57 | 2.61 | 2.65 | 2.51 | 2.57 | 2.60 | 1.04 | down | --- | 2.14E-01 | 8.95E-01 | --- | --- | | | | |
| 1394682_at | Florn | porcupine homolog (Drosophila) | Rn.40234 | BM38955 | 6.60 | 6.57 | 6.59 | 6.62 | 6.60 | 6.49 | 1.04 | down | --- | 9.24E-01 | 8.95E-01 | --- | --- | | | | |
| 1394683_at | Rps24 | ribosomal protein S24 | Rn.31738 | BM38955 | 6.60 | 6.57 | 6.59 | 6.62 | 6.60 | 6.49 | 1.04 | down | --- | 9.24E-01 | 8.95E-01 | --- | --- | | | | |
| 1394684_at | --- | --- | Rn.61776 | A117484 | 2.63 | 2.47 | 2.51 | 2.49 | 2.52 | 2.45 | 1.04 | down | --- | 3.82E-01 | 8.95E-01 | --- | --- | | | | |
| 1394685_at | --- | --- | Rn.131034 | H3557 | 2.68 | 2.68 | 2.68 | 2.67 | 2.69 | 2.71 | 1.04 | down | --- | 4.56E-01 | 8.95E-01 | --- | --- | | | | |
| 1394686_at | --- | --- | Rn.24116 | AA64136 | 5.48 | 4.99 | 5.30 | 5.52 | 5.23 | 4.86 | 1.04 | down | --- | 8.44E-01 | 8.95E-01 | --- | --- | | | | |
| 1394687_at | --- | --- | Rn.38811 | MS5210 | 4.58 | 4.81 | 4.92 | 4.74 | 4.80 | 4.92 | 1.04 | up | --- | 6.75E-01 | 8.95E-01 | --- | --- | | | | |
| 1394688_at | --- | --- | Rn.53085 | BF204362 | 2.43 | 2.28 | 2.29 | 2.28 | 2.28 | 2.27 | 1.04 | down | --- | 3.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394689_at | C1kap | cartilage associated protein | Rn.36158 | BE119817 | 2.44 | 2.46 | 2.44 | 2.52 | 2.52 | 2.56 | 1.04 | down | --- | 7.85E-01 | 8.95E-01 | --- | --- | | | | |
| 1394690_at | --- | --- | Rn.98162 | BI274357 | 7.01 | 6.49 | 7.41 | 7.19 | 7.26 | 6.61 | 1.04 | up | --- | 8.88E-01 | 8.95E-01 | --- | --- | | | | |
| 1394691_at | Prok2 | prokinectin 2 | Rn.147691 | BF402541 | 2.69 | 2.62 | 2.65 | 2.58 | 2.62 | 2.61 | 1.04 | down | --- | 1.06E-01 | 8.95E-01 | --- | --- | | | | |
| 1394692_at | Edn1 | endothelin 1 | Rn.21872 | NM_138852 | 2.73 | 2.71 | 2.73 | 2.72 | 2.77 | 2.72 | 1.04 | down | --- | 5.44E-01 | 8.95E-01 | --- | --- | | | | |
| 1394693_at | --- | --- | Rn.10918 | NM_012548 | 2.56 | 2.46 | 2.46 | 2.44 | 2.46 | 2.43 | 1.04 | down | --- | 2.20E-01 | 8.95E-01 | --- | --- | | | | |
| 1394694_at | --- | --- | Rn.169444 | BE102841 | 2.42 | 2.41 | 2.57 | 2.41 | 2.44 | 2.40 | 1.04 | down | --- | 4.11E-01 | 8.95E-01 | --- | --- | | | | |
| 1394695_at | --- | --- | Rn.147441 | AI23245 | 2.44 | 2.57 | 2.44 | 2.44 | 2.44 | 2.42 | 1.04 | down | --- | 3.28E-01 | 8.95E-01 | --- | --- | | | | |
| 1394696_at | --- | --- | Rn.10482 | NM_122288 | 2.43 | 2.44 | 2.44 | 2.45 | 2.45 | 2.46 | 1.04 | up | --- | 2.03E-01 | 8.95E-01 | --- | --- | | | | |
| 1394697_at | --- | --- | Rn.190203 | AT137180 | 2.35 | 2.31 | 2.31 | 2.30 | 2.32 | 2.30 | 1.04 | up | --- | 4.85E-01 | 8.95E-01 | --- | --- | | | | |
| 1394698_at | Lamp1 | Lysosomal-associated membrane protein 1 | Rn.25328 | RN_40177 | 8.48 | 8.76 | 9.12 | 9.37 | 8.89 | 8.54 | 1.04 | up | --- | 8.85E-01 | 8.95E-01 | --- | --- | | | | |
| 1394699_at | --- | --- | Rn.61918 | BF417970 | 2.45 | 2.40 | 2.52 | 2.41 | 2.42 | 2.40 | 1.04 | down | --- | 2.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394700_at | --- | --- | Rn.137252 | AW528041 | 2.35 | 2.70 | 3.88 | 3.32 | 2.39 | 3.37 | 1.04 | up | --- | 9.33E-01 | 8.95E-01 | --- | --- | | | | |
| 1394701_at | --- | --- | Rn.22023 | BF390586 | 5.66 | 6.95 | 6.11 | 6.87 | 7.06 | 6.95 | 1.04 | up | --- | 9.47E-01 | 8.95E-01 | --- | --- | | | | |
| 1394702_at | --- | --- | Rn.14282 | NM_033333 | 2.45 | 2.43 | 2.69 | 2.44 | 2.46 | 2.43 | 1.04 | down | --- | 4.17E-01 | 8.95E-01 | --- | --- | | | | |
| 1394703_at | --- | --- | Rn.11992 | NM_053359 | 6.44 | 6.62 | 6.65 | 6.57 | 6.49 | 6.50 | 1.04 | down | --- | 5.18E-01 | 8.95E-01 | --- | --- | | | | |
| 1394704_at | --- | --- | Rn.61116 | AA041480 | 2.93 | 2.82 | 2.87 | 2.84 | 2.91 | 3.08 | 1.04 | up | --- | 5.25E-01 | 8.95E-01 | --- | --- | | | | |
| 1394705_at | --- | --- | Rn.53232 | AW53151 | 2.47 | 2.37 | 2.35 | 2.33 | 2.33 | 2.33 | 1.04 | down | --- | 2.65E-01 | 8.95E-01 | --- | --- | | | | |
| 1394706_at | --- | --- | Rn.50103 | BC373315 | 4.04 | 4.03 | 4.28 | 4.47 | 3.99 | 3.93 | 1.04 | up | --- | 8.60E-01 | 8.95E-01 | --- | --- | | | | |
| 1394707_at | --- | --- | Rn.215558 | AF020058 | 5.36 | 4.69 | 4.84 | 4.98 | 4.69 | 4.84 | 1.04 | down | --- | 8.48E-01 | 8.95E-01 | --- | --- | | | | |
| 1394708_at | --- | --- | Rn.3228 | AA87501 | 2.79 | 2.82 | 2.88 | 2.76 | 2.81 | 2.77 | 1.04 | down | --- | 1.91E-01 | 8.95E-01 | --- | --- | | | | |
| 1394709_at | --- | --- | Rn.1298 | AI052029 | 2.82 | 2.88 | 2.83 | 2.82 | 2.85 | 2.70 | 1.04 | down | --- | 3.53E-01 | 8.95E-01 | --- | --- | | | | |
| 1394710_at | --- | --- | Rn.15736 | BI271118 | 2.42 | 2.42 | 2.44 | 2.43 | 2.46 | 2.54 | 1.04 | up | --- | 2.01E-01 | 8.95E-01 | --- | --- | | | | |
| 1394711_at | --- | --- | Rn.16770 | AI052027 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.04 | down | --- | 4.63E-01 | 8.95E-01 | --- | --- | | | | |
| 1394712_at | --- | --- | Rn.28431 | BE117193 | 5.43 | 5.69 | 4.97 | 5.31 | 5.43 | 5.51 | 1.04 | up | --- | 8.29E-01 | 8.95E-01 | --- | --- | | | | |
| 1394713_at | --- | --- | Rn.20002 | AI039086 | 2.84 | 2.58 | 2.71 | 2.66 | 2.70 | 2.62 | 1.04 | down | --- | 5.51E-01 | 8.95E-01 | --- | --- | | | | |
| 1394714_at | --- | --- | Rn.113761 | AW53151 | 2.47 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394715_at | --- | --- | Rn.11903 | AA18970 | 2.49 | 2.36 | 2.37 | 2.35 | 2.36 | 2.35 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394716_at | --- | --- | Rn.64143 | BF363824 | 2.39 | 2.38 | 2.54 | 2.38 | 2.40 | 2.38 | 1.04 | down | --- | 4.07E-01 | 8.95E-01 | --- | --- | | | | |
| 1394717_at | --- | --- | Rn.10966 | BC373315 | 2.25 | 2.12 | 2.12 | 2.12 | 2.12 | 2.10 | 1.04 | down | --- | 2.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394718_at | --- | --- | Rn.218623 | BF418010 | 2.48 | 2.45 | 2.57 | 2.45 | 2.46 | 2.44 | 1.04 | down | --- | 2.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394719_at | --- | --- | Rn.10369 | AI052027 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.04 | down | --- | 4.84E-01 | 8.95E-01 | --- | --- | | | | |
| 1394720_at | --- | --- | Rn.14964 | AA98043 | 5.16 | 5.09 | 5.65 | 5.15 | 5.47 | 5.14 | 1.04 | down | --- | 8.21E-01 | 8.95E-01 | --- | --- | | | | |
| 1394721_at | --- | --- | Rn.4018 | BC373315 | 3.08 | 2.59 | 2.56 | 2.69 | 3.07 | 2.67 | 1.04 | up | --- | 6.18E-01 | 8.95E-01 | --- | --- | | | | |
| 1394722_at | --- | --- | Rn.14763 | AI052029 | 2.51 | 2.49 | 2.66 | 2.59 | 2.56 | 2.47 | 1.04 | down | --- | 3.82E-01 | 8.95E-01 | --- | --- | | | | |
| 1394723_at | --- | --- | Rn.13763 | BF390105 | 2.56 | 2.50 | 2.61 | 2.57 | 2.57 | 2.57 | 1.04 | up | --- | 6.09E-01 | 8.95E-01 | --- | --- | | | | |
| 1394724_at | --- | --- | Rn.20002 | AI039086 | 2.84 | 2.58 | 2.71 | 2.66 | 2.70 | 2.62 | 1.04 | down | --- | 5.51E-01 | 8.95E-01 | --- | --- | | | | |
| 1394725_at | --- | --- | Rn.113761 | AW53151 | 2.47 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394726_at | --- | --- | Rn.11903 | AA18970 | 2.49 | 2.36 | 2.37 | 2.35 | 2.36 | 2.35 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394727_at | --- | --- | Rn.64143 | BF363824 | 2.39 | 2.38 | 2.54 | 2.38 | 2.40 | 2.38 | 1.04 | down | --- | 4.07E-01 | 8.95E-01 | --- | --- | | | | |
| 1394728_at | --- | --- | Rn.10966 | BC373315 | 2.25 | 2.12 | 2.12 | 2.12 | 2.12 | 2.10 | 1.04 | down | --- | 2.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394729_at | --- | --- | Rn.218623 | BF418010 | 2.48 | 2.45 | 2.57 | 2.45 | 2.46 | 2.44 | 1.04 | down | --- | 2.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394730_at | --- | --- | Rn.10369 | AI052027 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.04 | down | --- | 4.84E-01 | 8.95E-01 | --- | --- | | | | |
| 1394731_at | --- | --- | Rn.14964 | AA98043 | 5.16 | 5.09 | 5.65 | 5.15 | 5.47 | 5.14 | 1.04 | down | --- | 8.21E-01 | 8.95E-01 | --- | --- | | | | |
| 1394732_at | --- | --- | Rn.4018 | BC373315 | 3.08 | 2.59 | 2.56 | 2.69 | 3.07 | 2.67 | 1.04 | up | --- | 6.18E-01 | 8.95E-01 | --- | --- | | | | |
| 1394733_at | --- | --- | Rn.14763 | AI052029 | 2.51 | 2.49 | 2.66 | 2.59 | 2.56 | 2.47 | 1.04 | down | --- | 3.82E-01 | 8.95E-01 | --- | --- | | | | |
| 1394734_at | --- | --- | Rn.13763 | BF390105 | 2.56 | 2.50 | 2.61 | 2.57 | 2.57 | 2.57 | 1.04 | up | --- | 6.09E-01 | 8.95E-01 | --- | --- | | | | |
| 1394735_at | --- | --- | Rn.20002 | AI039086 | 2.84 | 2.58 | 2.71 | 2.66 | 2.70 | 2.62 | 1.04 | down | --- | 5.51E-01 | 8.95E-01 | --- | --- | | | | |
| 1394736_at | --- | --- | Rn.113761 | AW53151 | 2.47 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394737_at | --- | --- | Rn.11903 | AA18970 | 2.49 | 2.36 | 2.37 | 2.35 | 2.36 | 2.35 | 1.04 | down | --- | 3.22E-01 | 8.95E-01 | --- | --- | | | | |
| 1394738_at | --- | --- | Rn.64143 | BF363824 | 2.39 | 2.38 | 2.54 | 2.38 | 2.40 | 2.38 | 1.04 | down | --- | 4.07E-01 | 8.95E-01 | --- | --- | | | | |
| 1394739_at | --- | --- | Rn.10966 | BC373315 | 2.25 | 2.12 | 2.12 | 2.12 | 2.12 | 2.10 | 1.04 | down | --- | 2.58E-01 | 8.95E-01 | --- | --- | | | | |
| 1394740_at | --- | --- | Rn.218623 | BF418010 | 2.48 | 2.45 | 2.57 | 2 | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRA Intensities (log) | | | | | | | | | | FCRAhouse | Resuspension | Unpaired Diff (C vs C1) | C vs C1 (log2) | REG | MTC |
|-------------|-------------|---|---------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------------|-------------------------|----------------|-----|-----|
| | | | | | | SEFP (C1) | SEFP (C2) | SEFP (C3) | SEFP (C4) | SEFP (C5) | SEFP (C6) | SEFP (C7) | SEFP (C8) | SEFP (C9) | SEFP (C10) | | | | | | |
| 137996_at | --- | --- | --- | --- | AI411753 | 8.40 | 7.84 | 7.83 | 7.83 | 8.07 | 8.21 | 1.03 | up | 8.49E-01 | 8.95E-01 | --- | --- | --- | | | |
| 137048_at | Cnc2 | glycogen 2 | 171517 | Rn.164361 | Rn.88131 | L20488 | 2.41 | 2.39 | 2.44 | 2.56 | 2.43 | 2.41 | 1.03 | up | 3.87E-01 | 8.95E-01 | --- | --- | | | |
| 138400_at | Tnfrsf17 | down domain containing 17 | 360192 | Rn.18447 | AK02021 | Z37474 | 2.33 | 2.34 | 2.35 | 2.34 | 2.34 | 2.34 | 1.03 | up | 8.63E-01 | 9.57E-01 | --- | --- | | | |
| 138471_at | Tnfrsf12 | I-complex 11 (mouse) like 2 | 314683 | Rn.101085 | AB00197 | 7.39 | 8.09 | 7.28 | 7.72 | 7.67 | 7.52 | 1.03 | up | 2.38E-01 | 9.57E-01 | --- | --- | | | | |
| 137549_at | --- | --- | --- | --- | Rn.20049 | BF02755 | 2.41 | 2.39 | 2.41 | 2.39 | 2.39 | 2.39 | 1.03 | down | 3.28E-01 | 8.95E-01 | --- | --- | | | |
| 137984_at | --- | --- | --- | --- | Rn.143804 | AW51072 | 2.50 | 2.37 | 2.38 | 2.37 | 2.38 | 2.38 | 1.03 | down | 3.18E-01 | 9.55E-01 | --- | --- | | | |
| 137949_at | Tbplm | transcription factor B1, mitochondrial | 308140 | Rn.62395 | AI010265 | 5.64 | 3.89 | 4.11 | 5.38 | 3.95 | 4.17 | 1.03 | down | 9.49E-01 | 9.55E-01 | --- | --- | | | | |
| 138985_at | Senai1 | Synaptonemal complex subunit 1 | 111922 | Rn.145066 | AK02046 | 5.27 | 6.10 | 6.40 | 5.24 | 6.40 | 6.40 | 1.03 | down | 3.45E-01 | 9.55E-01 | --- | --- | | | | |
| 138987_at | EIf4e | eukaryotic translation initiation factor 4E | 117045 | Rn.11275 | NM_05374 | 2.55 | 2.65 | 2.59 | 2.53 | 2.60 | 2.50 | 1.03 | down | 3.15E-01 | 8.95E-01 | --- | --- | | | | |
| 138989_at | Infc | influenza beta C | 64549 | Rn.48489 | U00001 | 2.34 | 2.44 | 2.44 | 2.46 | 2.43 | 2.40 | 1.03 | down | 2.83E-01 | 8.95E-01 | --- | --- | | | | |
| 139334_at | --- | --- | --- | --- | Rn.189500 | BF42667 | 2.79 | 2.68 | 2.65 | 2.74 | 2.89 | 2.64 | 1.03 | down | 6.75E-01 | 9.01E-01 | --- | --- | | | |
| 137184_at | N55a2 | 5' nucleotidase domain containing 2 | 290558 | Rn.2966 | BI28551 | 2.50 | 2.56 | 2.47 | 2.53 | 2.64 | 2.51 | 1.03 | up | 3.88E-01 | 8.95E-01 | --- | --- | | | | |
| 138306_at | RC01310444 | LOC363015 | 363015 | Rn.27612 | BF64948 | 2.41 | 2.41 | 2.42 | 2.45 | 2.47 | 2.17 | 1.03 | down | 8.40E-01 | 8.95E-01 | --- | --- | | | | |
| 139623_at | --- | --- | --- | --- | --- | AW25230 | 2.68 | 2.59 | 2.67 | 2.69 | 2.82 | 2.57 | 1.03 | up | 5.89E-01 | 8.95E-01 | --- | --- | | | |
| 139876_at | --- | --- | --- | --- | Rn.173097 | BF40338 | 2.66 | 2.59 | 2.82 | 2.62 | 2.77 | 2.54 | 1.03 | down | 6.33E-01 | 8.95E-01 | --- | --- | | | |
| 138807_at | Hose | heparanase | 64537 | Rn.61290 | NM_022905 | 2.36 | 2.36 | 2.37 | 2.41 | 2.47 | 2.35 | 1.03 | down | 3.86E-01 | 8.95E-01 | --- | --- | | | | |
| 138770_at | Cd63 | Cd63 molecule | 29186 | Rn.11088 | NM_017125 | 11.92 | 12.01 | 12.01 | 11.97 | 12.04 | 12.08 | 1.03 | up | 3.26E-01 | 8.95E-01 | --- | --- | | | | |
| 138871_at | Ppp1r14a | protein phosphatase 1, regulatory (inhibitor) subunit 14A | 114004 | Rn.171528 | BE11723 | 9.46 | 9.73 | 9.63 | 9.67 | 9.60 | 9.69 | 1.03 | up | 5.86E-01 | 8.95E-01 | --- | --- | | | | |
| 138445_at | Pole4 | polymerase (DNA-directed), epsilon 4 (p12 subunit) | 362385 | Rn.161846 | AI178241 | 7.56 | 7.66 | 7.77 | 7.63 | 7.70 | 8.17 | 1.03 | down | 8.91E-01 | 9.67E-01 | --- | --- | | | | |
| 138445_at | --- | --- | --- | --- | Rn.200435 | AK02098 | 2.51 | 2.51 | 2.51 | 2.68 | 2.51 | 2.49 | 1.03 | up | 4.68E-01 | 8.95E-01 | --- | --- | | | |
| 138832_at | Nf1 | nif1ase 1 | 289222 | Rn.64425 | GC688463 | 10.47 | 10.30 | 9.90 | 10.03 | 10.14 | 10.38 | 1.03 | down | 8.17E-01 | 9.40E-01 | --- | --- | | | | |
| 139755_at | --- | --- | --- | --- | Rn.153732 | BF403343 | 2.54 | 2.45 | 2.47 | 2.44 | 2.45 | 2.42 | 1.03 | down | 1.75E-01 | 8.95E-01 | --- | --- | | | |
| 139747_at | Zfp329 | zinc finger protein 329 | 303831 | Rn.100864 | AW50303 | 2.42 | 2.41 | 2.42 | 2.41 | 2.45 | 2.54 | 1.03 | down | 7.73E-01 | 8.95E-01 | --- | --- | | | | |
| 137908_x_at | --- | --- | --- | --- | Rn.210024 | BF392858 | 2.76 | 2.67 | 2.84 | 2.74 | 2.80 | 2.58 | 1.03 | down | 5.94E-01 | 8.95E-01 | --- | --- | | | |
| 137642_at | --- | --- | --- | --- | Rn.62098 | BF465719 | 2.35 | 2.35 | 2.50 | 2.35 | 2.36 | 2.56 | 1.03 | down | 3.84E-01 | 8.95E-01 | --- | --- | | | |
| 138762_at | Usf1 | upstream transcription factor 1 | 83586 | Rn.10845 | NM_031777 | 2.50 | 2.49 | 2.51 | 2.49 | 2.62 | 2.53 | 1.03 | up | 2.65E-01 | 8.95E-01 | --- | --- | | | | |
| 138784_at | Pi2 | phospholipase D2 | 25097 | Rn.9798 | NM_033299 | 2.47 | 2.38 | 2.43 | 2.38 | 2.39 | 2.36 | 1.03 | down | 1.46E-01 | 8.95E-01 | --- | --- | | | | |
| 138153_at | --- | --- | --- | --- | Rn.18589 | AB58841 | 2.59 | 2.43 | 2.45 | 2.43 | 2.46 | 2.43 | 1.03 | down | 4.24E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.03 | down | 9.60E-01 | 8.95E-01 | --- | --- | | | |
| 137824_at | --- | --- | --- | --- | --- | BI220267 | 5.06 | 2.40 | 3.22 | 3.66 | 4.17 | 2.70 | 1.0 | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/MScore | Residual | Unpaired t-test Csis vs CH (log2) | | REG | MTC |
|------------|-------------|--|------------------|------------|-----------|-----------------------|-----------|-------|------|-----------|-----------|-----------|----------|-----------------------------------|----------|-----|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEB | SEPC | SEPD (Ca) | SEPE (Ca) | | | | | | |
| 138969.0 | --- | --- | --- | Rn.160119 | BE107167 | 9.87 | 9.98 | 10.11 | 9.81 | 10.03 | up | 6.71E-01 | 9.00E-01 | --- | --- | | |
| 137058.0 | Sam4a | Sterile alpha motif domain containing 4A | 305826 | Rn.32062 | BE106208 | 2.67 | 2.62 | 2.59 | 2.56 | 2.61 | 2.64 | 1.03 | down | 6.14E-01 | 8.95E-01 | --- | --- |
| 138171.0 | --- | --- | --- | Rn.211290 | BE106208 | 2.67 | 2.62 | 2.59 | 2.56 | 2.61 | 2.64 | 1.03 | down | 6.14E-01 | 8.95E-01 | --- | --- |
| 137671.0 | --- | --- | --- | Rn.30101 | BM389326 | 2.42 | 2.45 | 2.39 | 2.39 | 2.39 | 2.35 | 1.03 | down | 8.29E-02 | 8.95E-01 | --- | --- |
| 139107.0 | Znf467 | Zinc finger protein 467 | 5610 | Rn.107249 | BE147179 | 6.13 | 6.13 | 5.73 | 5.13 | 5.13 | 5.13 | 1.03 | down | 4.74E-01 | 9.06E-01 | --- | --- |
| 139810.0 | --- | --- | --- | --- | --- | 2.52 | 2.58 | 2.52 | 2.52 | 2.47 | 2.47 | 1.03 | down | 1.50E-01 | 8.95E-01 | --- | --- |
| 139665.0 | RGD156396 | similar to mKAA1623 protein | 306340 | Rn.141288 | BF398905 | 2.50 | 2.53 | 2.59 | 2.48 | 2.53 | 2.48 | 1.03 | down | 2.90E-01 | 8.95E-01 | --- | --- |
| 137021.0 | Rps24k1 | ribosomal protein S6 kinase polypeptide 1 | 81771 | Rn.348195 | BE026432 | 3.17 | 3.17 | 2.85 | 2.93 | 2.80 | 2.83 | 1.03 | down | 7.45E-01 | 9.15E-01 | --- | --- |
| 137374.0 | --- | --- | --- | --- | --- | 2.57 | 2.57 | 2.57 | 2.67 | 2.67 | 2.71 | 1.03 | up | 8.38E-01 | 9.48E-01 | --- | --- |
| 137374.0 | KIF13 | Kinesin-like factor 13 | 498171 | Rn.220156 | BF383225 | 4.28 | 4.28 | 2.74 | 2.60 | 2.63 | 2.58 | 1.03 | up | 8.18E-01 | 9.42E-01 | --- | --- |
| 138810.0 | --- | --- | --- | --- | --- | 4.14 | 4.43 | 4.43 | 4.43 | 4.43 | 4.43 | 1.03 | down | 8.66E-01 | 9.05E-01 | --- | --- |
| 138176.0 | Dusp13 | dual specificity phosphatase 13 | 361002 | Rn.173327 | BF407867 | 2.29 | 2.28 | 2.43 | 2.28 | 2.31 | 2.28 | 1.03 | down | 4.11E-01 | 8.95E-01 | --- | --- |
| 139789.0 | Vain2b | V-set and transmembrane domain containing 2B | 361660 | Rn.65503 | BF405195 | 2.50 | 2.48 | 2.52 | 2.59 | 2.57 | 2.48 | 1.03 | up | 2.94E-01 | 8.95E-01 | --- | --- |
| 139273.0 | --- | --- | --- | --- | --- | 2.41 | 2.51 | 2.42 | 2.43 | 2.40 | 2.42 | 1.03 | down | 2.67E-01 | 8.95E-01 | --- | --- |
| 138706.0 | Axin1 | axin 1 | 79257 | Rn.31781 | NM_024405 | 3.63 | 3.56 | 3.50 | 3.55 | 3.71 | 3.56 | 1.03 | up | 5.48E-01 | 8.95E-01 | --- | --- |
| 137970.0 | Hsp30 | Hsc70.1 binding protein | 131959 | Rn.23111 | AE68375 | 9.94 | 9.46 | 9.11 | 7.25 | 7.14 | 7.05 | 1.03 | down | 8.29E-01 | 9.46E-01 | --- | --- |
| 1365270.0 | RAB18 | RAB18, member RAS oncogene family // RAB18, member RAS oncogene family | 10126191 // 3617 | Rn.105979 | AJ236576 | 2.84 | 2.52 | 2.58 | 2.49 | 2.56 | 2.76 | 1.03 | down | 7.48E-01 | 9.18E-01 | --- | --- |
| 139019.0 | Rasgr3 | RAS guanyl releasing protein 3 (calcium and DAG-regulated) | 313874 | Rn.18195 | AA819332 | 2.80 | 2.63 | 2.44 | 2.73 | 2.54 | 2.47 | 1.03 | down | 7.63E-01 | 9.22E-01 | --- | --- |
| 137421.0 | RGD156604 | similar to hypothetical protein LOC73072 | 501795 | Rn.214770 | BC380788 | 2.35 | 2.36 | 2.37 | 2.50 | 2.37 | 2.36 | 1.03 | up | 4.14E-01 | 8.95E-01 | --- | --- |
| 138322.0 | RGD156347 | RGD156347 | 380478 | Rn.137175 | BC239463 | 8.34 | 9.04 | 8.68 | 8.73 | 8.46 | 8.66 | 1.03 | down | 8.75E-01 | 9.61E-01 | --- | --- |
| 139279.0 | Tpvc5 | transient receptor potential cation channel, subfamily V, member 5 | 116469 | Rn.137513 | NM_053787 | 4.20 | 4.30 | 4.31 | 4.36 | 3.79 | 4.79 | 1.03 | up | 8.89E-01 | 9.65E-01 | --- | --- |
| 138880.0 | Cdvw2 | CDVW2 antigen | 85254 | Rn.97886 | NM_035492 | 2.46 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 1.03 | down | 3.80E-01 | 8.95E-01 | --- | --- |
| 138884.0 | Ube2c | ubiquitin-conjugating enzyme E2C | 296389 | Rn.31102 | BE026064 | 2.50 | 2.50 | 2.53 | 2.44 | 2.51 | 2.46 | 1.03 | down | 1.88E-01 | 8.95E-01 | --- | --- |
| 139026.0 | --- | --- | --- | --- | --- | 9.24 | 9.64 | 9.80 | 9.07 | 9.05 | 9.52 | 1.03 | down | 8.76E-01 | 9.62E-01 | --- | --- |
| 137093.0 | Lamc1 | laminin, gamma 1 | 117638 | Rn.1145 | BE109213 | 2.58 | 2.52 | 2.51 | 2.77 | 2.50 | 2.54 | 1.03 | up | 8.31E-01 | 9.47E-01 | --- | --- |
| 139465.0 | Slc31a2 | solute carrier family 31 (copper transporters), member 2 | 298091 | Rn.15570 | BE101666 | 2.33 | 2.96 | 2.34 | 2.32 | 2.83 | 2.61 | 1.03 | up | 8.73E-01 | 9.61E-01 | --- | --- |
| 138721.0 | --- | --- | --- | --- | --- | 2.35 | 2.35 | 2.36 | 2.35 | 2.50 | 2.34 | 1.03 | up | 4.36E-01 | 8.95E-01 | --- | --- |
| 137638.0 | Cued2 | CUE domain containing 2 | 294009 | Rn.19673 | BE026878 | 5.90 | 7.52 | 7.09 | 5.49 | 7.33 | 7.57 | 1.03 | down | 8.68E-01 | 9.98E-01 | --- | --- |
| 139397.0 | --- | --- | --- | --- | --- | 2.49 | 2.48 | 2.51 | 2.55 | 2.49 | 2.57 | 1.03 | up | 1.42E-01 | 8.95E-01 | --- | --- |
| 139111.0 | Cy5e102 | cytochrome b-5E1 domain containing 2 | 363137 | Rn.22517 | AI121291 | 4.01 | 4.54 | 4.33 | 4.33 | 4.38 | 4.31 | 1.03 | up | 7.96E-01 | 9.34E-01 | --- | --- |
| 138002.0 | Wdr33 | WD domain containing protein 33 | 289197 | Rn.19116 | AB82204 | 9.41 | 9.11 | 8.98 | 8.98 | 8.94 | 9.29 | 1.03 | down | 8.81E-01 | 9.87E-01 | --- | --- |
| 137127.0 | Rp7a | ribosomal RNA processing 7 homolog A (S. cerevisiae) | 362967 | Rn.4204 | BI274876 | 5.17 | 4.72 | 4.92 | 4.84 | 4.96 | 5.15 | 1.03 | up | 7.96E-01 | 9.35E-01 | --- | --- |
| 137621.0 | LOC82761 | LOC82761 | 301227 | Rn.164529 | BE106208 | 2.67 | 2.61 | 2.67 | 2.67 | 2.67 | 2.67 | 1.03 | down | 6.26E-01 | 8.95E-01 | --- | --- |
| 1391070.0 | Kcyl1 | potassium inwardly rectifying channel, subfamily J, member 11 | 85355 | Rn.3885 | BE113377 | 2.89 | 2.66 | 2.67 | 2.77 | 2.67 | 2.65 | 1.03 | down | 6.26E-01 | 8.95E-01 | --- | --- |
| 1398918.0 | Znf303 | zinc finger, AN1-type domain 3 | 361816 | Rn.139839 | BE130742 | 5.34 | 5.70 | 5.47 | 5.35 | 5.69 | 5.65 | 1.03 | down | 8.89E-01 | 9.27E-01 | --- | --- |
| 137105.0 | Tnfrsf1 | Tumor necrosis factor receptor, type 1 | 441466 | Rn.144637 | BC636042 | 5.17 | 4.87 | 4.92 | 4.87 | 4.92 | 4.83 | 1.03 | down | 4.33E-01 | 8.95E-01 | --- | --- |
| 1370740.0 | Kiaa5 | killer cell lectin-like receptor, subfamily A, member 5 | 297666 | Rn.37467 | U56863 | 2.67 | 2.80 | 3.21 | 2.82 | 3.12 | 2.62 | 1.03 | down | 8.51E-01 | 9.54E-01 | --- | --- |
| 1397132.0 | Znf207 | Zinc finger protein 207 | 303783 | Rn.163193 | BE106208 | 3.03 | 3.03 | 3.03 | 3.03 | 3.03 | 3.03 | 1.03 | down | 8.35E-01 | 9.32E-01 | --- | --- |
| 138235.0 | Soyt1 | SCY1-like 1 (S. cerevisiae) | 293684 | Rn.143751 | BF289119 | 3.05 | 3.41 | 2.90 | 3.43 | 2.91 | 3.14 | 1.03 | up | 8.49E-01 | 9.53E-01 | --- | --- |
| 1380210.0 | Gmnp1 | GTase, IMPase, MAP family member 1 | 312312 | Rn.15387 | AI136325 | 2.48 | 2.46 | 2.57 | 2.46 | 2.46 | 2.44 | 1.03 | down | 3.02E-01 | 8.95E-01 | --- | --- |
| 138385.0 | RGD159759 | RGD159759 | 290626 | Rn.46925 | BE344029 | 2.50 | 2.50 | 2.25 | 2.25 | 2.25 | 2.25 | 1.03 | down | 2.50E-01 | 8.95E-01 | --- | --- |
| 138790.0 | Smc5 | structural maintenance of chromosomes 5 | 293687 | Rn.12747 | AE034945 | 2.88 | 2.73 | 2.89 | 2.94 | 2.44 | 3.04 | 1.03 | up | 8.80E-01 | 9.63E-01 | --- | --- |
| 138704.0 | Hsp43 | heat shock protein 43 | 79951 | Rn.20195 | NM_013159 | 2.61 | 2.47 | 2.61 | 2.47 | 2.61 | 2.49 | 1.03 | down | 3.70E-01 | 8.95E-01 | --- | --- |
| 139899.0 | --- | --- | --- | --- | --- | 2.72 | 2.65 | 2.82 | 2.69 | 2.78 | 2.59 | 1.03 | down | 5.99E-01 | 8.95E-01 | --- | --- |
| 139771.0 | --- | --- | --- | --- | --- | 2.72 | 2.65 | 2.82 | 2.69 | 2.78 | 2.59 | 1.03 | down | 5.99E-01 | 8.95E-01 | --- | --- |
| 1386971.0 | Syng2 | synaptotagmin 2 | 84018 | Rn.10888 | AY034501 | 2.42 | 2.41 | 2.51 | 2.40 | 2.43 | 2.39 | 1.03 | down | 2.73E-01 | 8.95E-01 | --- | --- |
| 139798.0 | --- | --- | --- | --- | --- | 2.53 | 2.49 | 2.59 | 2.51 | 2.61 | 2.62 | 1.03 | up | 3.87E-01 | 8.95E-01 | --- | --- |
| 138917.0 | Pik4a | phosphatidylinositol 4-kinase type 2 alpha | 114554 | Rn.162333 | BE120611 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 2.78 | 1.03 | down | 4.33E-01 | 8.95E-01 | --- | --- |
| 1373248.0 | RGD156800 | similar to hypothetical protein FL20074 | 304529 | Rn.114291 | BE292079 | 2.58 | 2.32 | 3.11 | 2.41 | 2.46 | 3.27 | 1.03 | up | 9.11E-01 | 9.73E-01 | --- | --- |
| 138504.0 | hsp7 | heat shock protein 7 | 91008 | Rn.54489 | AT4246 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 1.03 | down | 2.91E-01 | 8.95E-01 | --- | --- |
| 138251.0 | 138251_3 | integrin alpha 7 | 301227 | Rn.106975 | BF289235 | 2.37 | 2.34 | 2.45 | 2.34 | 2.35 | 2.34 | 1.03 | down | 2.45E-01 | 8.95E-01 | --- | --- |
| 1389736.0 | --- | --- | --- | --- | --- | 2.58 | 2.65 | 2.59 | 2.56 | 2.56 | 2.54 | 1.03 | down | 1.60E-01 | 8.95E-01 | --- | --- |
| 137944.0 | Cybb | cytochrome b-245, beta polypeptide | 68621 | Rn.38491 | AI176025 | 2.50 | 2.50 | 2.41 | 2.41 | 2.41 | 2.41 | 1.03 | down | 4.15E-01 | 8.95E-01 | --- | --- |
| 1392627.0 | RGD159759 | similar to tanc5 of the inner mitochondrial membrane 14 isoform a // smf5225 // 683663 | 301227 | Rn.6532 | AI137840 | 9.94 | 9.85 | 10.00 | 9.89 | 9.86 | 9.91 | 1.03 | down | 4.09E-01 | 8.95E-01 | --- | --- |
| 1370225.0 | Gorsp2 | glyoxal reductase/staking protein 2 | 113881 | Rn.143137 | AI102977 | 5.20 | 5.20 | 5.64 | 5.45 | 5.40 | 5.41 | 1.03 | up | 7.69E-01 | 9.24E-01 | --- | --- |
| 1371657.0 | Kcrl10 | keratin-like protein 10 | 494521 | Rn.185252 | AI101019 | 3.16 | 3.16 | 3.09 | 3.17 | 3.09 | 3.17 | 1.03 | down | 8.24E-01 | 9.24E-01 | --- | --- |
| 138771.0 | COL11A3 | collagen type I, non-muscle // similar to Collin-1 (Collin, non-muscle isoform) // smf1176 // 502589 | 301227 | Rn.11675 | BM389763 | 2.41 | 3.29 | 3.29 | 3.29 | 3.39 | 3.40 | 1.03 | up | 3.54E-01 | 8.95E-01 | --- | --- |
| 138561.0 | COL11A3 | collagen type I, non-muscle // similar to Collin-1 (Collin, non-muscle isoform) // smf1176 // 502589 | 301227 | Rn.17203 | BF289269 | 2.45 | 2.59 | 2.59 | 2.59 | 2.44 | 2.44 | 1.03 | down | 2.65E-01 | 8.95E-01 | --- | --- |
| 138573.0 | Homeo3 | Homeo3 (Drosophila) | 29548 | Rn.144573 | AY077927 | 2.29 | 2.39 | 2.30 | 2.27 | 2.29 | 2.28 | 1.03 | down | 2.46E-01 | 8.95E-01 | --- | --- |
| 1372657.0 | Homeo1 | Homeo1 (Drosophila) | 29548 | Rn.7356 | BE036279 | 6.33 | 6.16 | 5.88 | 5.87 | 5.79 | 5.88 | 1.03 | down | 8.66E-01 | 9.65E-01 | --- | --- |
| 1377257.0 | Homeo1 | Homeo1 (Drosophila) | 29548 | Rn.21500 | BA903372 | 3.10 | 3.20 | 3.15 | 3.10 | 3.10 | 3.10 | 1.03 | down | 8.66E-01 | 9.65E-01 | --- | --- |
| 1377820.0 | LOC301128 | similar to jmjron domain containing 2B | 301128 | Rn.6879 | BM332277 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.43 | 1.03 | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensities (log2) | | | | | | | | | | FC/MSouse | Resonance | Upregulated | Clst Cst vs Clst (log2) | REG | MTC |
|--------------|-------------|--|---------|------------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-------------|-------------------------|-----|-----|
| | | | | | SEPS (CpG) | SEPA (CpG) | SEPB (CpG) | SEPC (CpG) | SEPD (CpG) | SEPE (CpG) | SEPF (CpG) | SEPG (CpG) | SEPH (CpG) | SEPI (CpG) | | | | | | |
| 1382229_at | --- | --- | --- | --- | AW523888 | 2.57 | 2.47 | 2.51 | 2.48 | 2.49 | 2.45 | 2.51 | 1.03 | down | 2.53E-01 | 8.95E-01 | --- | --- | | |
| 1391617_at | --- | --- | --- | --- | Rn.18607 | 2.34 | 2.46 | 2.35 | 2.34 | 2.37 | 2.32 | 1.03 | down | 3.63E-01 | 8.95E-01 | --- | --- | | | |
| 1388696_at | Fxa2t1 | F-box protein 21 | 360318 | Rn.131498 | BE111458 | 4.04 | 4.59 | 4.29 | 4.59 | 4.86 | 4.22 | 1.03 | down | 9.22E-01 | 8.95E-01 | --- | --- | | | |
| 1374311_at | NfyA | nuclear transcription factor-Y alpha | 29508 | Rn.10747 | M171203 | 2.45 | 2.57 | 2.45 | 2.45 | 2.36 | 2.53 | 1.03 | down | 5.51E-01 | 8.95E-01 | --- | --- | | | |
| 1374311_at | Parp3 | poly(ADP-ribose) polymerase family, member 6 | 300739 | Rn.13758 | AF041449 | 5.91 | 4.98 | 6.40 | 5.80 | 5.15 | 5.47 | 1.03 | up | 8.05E-01 | 8.95E-01 | --- | --- | | | |
| 1394330_at | --- | --- | --- | --- | Rn.17638 | AF571445 | 2.35 | 2.34 | 2.30 | 2.48 | 2.36 | 2.34 | 1.03 | up | 3.96E-01 | 8.95E-01 | --- | --- | | |
| 1393169_at | Zywie1 | zinc finger, FYVE domain containing 16 | 408258 | Rn.47858 | AK054072 | 4.07 | 3.11 | 2.22 | 4.07 | 3.11 | 2.22 | 1.03 | down | 8.17E-01 | 8.95E-01 | --- | --- | | | |
| 1392720_at | Cyp411f | cytochrome P450, family 4, subfamily 1, polypeptide 1 | 50801 | Rn.43212 | BC376849 | 2.52 | 2.63 | 2.53 | 2.52 | 2.52 | 2.51 | 1.03 | down | 3.03E-01 | 8.95E-01 | --- | --- | | | |
| 1388349_at | Ndu5f1 | NADH dehydrogenase (ubiquinone) 1, alpha subcomplex 1 | 363441 | Rn.17592 | NM_153424 | 2.48 | 2.35 | 2.37 | 2.36 | 2.37 | 2.36 | 1.03 | down | 4.38E-01 | 8.95E-01 | --- | --- | | | |
| 1367982_at | A303 | --- | --- | --- | Rn.136371 | BU27954 | 2.49 | 2.48 | 2.57 | 2.51 | 2.49 | 2.42 | 1.03 | down | 3.39E-01 | 8.95E-01 | --- | --- | | |
| 1397897_x_at | --- | similar to LOC387763 protein | 499639 | Rn.22039 | AK46650 | 4.30 | 4.11 | 4.29 | 4.20 | 4.18 | 4.20 | 1.03 | down | 5.50E-01 | 8.95E-01 | --- | --- | | | |
| 1379534_at | --- | --- | --- | --- | Rn.22465 | AI04922 | 2.51 | 2.50 | 2.63 | 2.51 | 2.52 | 2.50 | 1.03 | down | 3.87E-01 | 8.95E-01 | --- | --- | | |
| 1387446_at | C19orf1 | core 1 synthase, glycoprotein N-acetylgalactosamine 3-beta-galactosyltransferase 2 | 65044 | Rn.37698 | NM_022950 | 5.03 | 5.36 | 5.25 | 4.34 | 6.34 | 4.83 | 1.03 | down | 9.46E-01 | 8.95E-01 | --- | --- | | | |
| 1376594_at | --- | --- | --- | --- | BF46229 | 3.48 | 3.56 | 3.38 | 3.38 | 3.37 | 3.26 | 1.03 | down | 3.44E-01 | 8.95E-01 | --- | --- | | | |
| 1391129_at | --- | --- | --- | --- | Rn.57574 | BF34098 | 2.44 | 2.43 | 2.58 | 2.43 | 2.46 | 2.43 | 1.03 | down | 4.40E-01 | 8.95E-01 | --- | --- | | |
| 1398599_at | --- | --- | --- | --- | Rn.146598 | AK65286 | 2.44 | 2.43 | 2.57 | 2.43 | 2.45 | 2.42 | 1.03 | down | 4.23E-01 | 8.95E-01 | --- | --- | | |
| 1398033_at | --- | --- | --- | --- | BF39555 | 2.60 | 2.60 | 2.68 | 2.60 | 2.61 | 2.55 | 1.03 | down | 2.78E-01 | 8.95E-01 | --- | --- | | | |
| 1380666_at | Mon1b | MCN1 homolog B (yeast) | 307868 | Rn.64337 | BH284181 | 3.90 | 5.11 | 2.29 | 3.93 | 3.18 | 4.32 | 1.03 | up | 9.69E-01 | 8.95E-01 | --- | --- | | | |
| 1370111_at | Korc2 | potassium intermediate-conductance calcium-activated channel, subunit, microtubule-associated protein 1A | 307868 | Rn.64337 | BH284181 | 3.90 | 5.11 | 2.29 | 3.93 | 3.18 | 4.32 | 1.03 | up | 9.69E-01 | 8.95E-01 | --- | --- | | | |
| 1367882_at | Map1a | microtubule-associated protein 1A | 25152 | Rn.11402 | NM_030995 | 2.31 | 2.43 | 2.32 | 2.31 | 2.32 | 2.31 | 1.03 | down | 9.47E-01 | 8.95E-01 | --- | --- | | | |
| 1367707_at | Fasn | fatty acid synthase | 50671 | Rn.9486 | AI176334 | 2.57 | 2.69 | 4.46 | 3.11 | 6.69 | 5.53 | 1.03 | down | 3.85E-01 | 8.95E-01 | --- | --- | | | |
| 1388958_at | --- | --- | --- | --- | Rn.473241 | BF271959 | 4.29 | 6.46 | 5.11 | 6.69 | 5.53 | 6.23 | 1.03 | down | 9.38E-01 | 8.95E-01 | --- | --- | | |
| 1367802_at | Sgk1 | serum/glucocorticoid-induced kinase 1 | 29517 | Rn.46336 | NM_019232 | 9.31 | 8.23 | 8.31 | 9.51 | 7.32 | 9.14 | 1.03 | up | 9.59E-01 | 8.95E-01 | --- | --- | | | |
| 1380666_at | MGIC72974 | hypothetical LOC310976 | 310976 | Rn.33880 | BU27561 | 2.44 | 2.74 | 2.54 | 2.38 | 2.85 | 2.50 | 1.03 | up | 8.24E-01 | 8.95E-01 | --- | --- | | | |
| 1393517_at | --- | --- | --- | --- | BE07991 | 2.59 | 2.55 | 2.66 | 2.56 | 2.57 | 2.54 | 1.03 | down | 2.86E-01 | 8.95E-01 | --- | --- | | | |
| 1381953_at | Sig32a2 | ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglucosaminidase | 303692 | Rn.53227 | AI11705 | 2.68 | 2.65 | 2.73 | 2.68 | 2.71 | 2.55 | 1.03 | down | 4.70E-01 | 8.95E-01 | --- | --- | | | |
| 1392031_at | Atip | AT18 interacting protein | 301014 | Rn.19820 | BM38705 | 2.71 | 2.53 | 2.57 | 2.55 | 2.81 | 2.53 | 1.03 | down | 5.28E-01 | 8.95E-01 | --- | --- | | | |
| 1387003_at | SC22a2 | solute carrier family 22 (organic cation transporter), member 2 | 29503 | Rn.10555 | NM_031584 | 12.00 | 12.15 | 11.89 | 11.89 | 11.85 | 12.19 | 1.03 | down | 7.60E-01 | 8.95E-01 | --- | --- | | | |
| 1380666_at | --- | --- | --- | --- | Rn.53234 | BF390376 | 2.43 | 2.44 | 2.50 | 2.41 | 2.45 | 2.38 | 1.03 | down | 2.41E-01 | 8.95E-01 | --- | --- | | |
| 1386997_at | --- | --- | --- | --- | Rn.21119 | BF460234 | 2.40 | 2.50 | 2.34 | 2.34 | 2.40 | 2.34 | 1.03 | down | 6.76E-01 | 8.95E-01 | --- | --- | | |
| 1394841_at | --- | --- | --- | --- | Rn.21043 | BF396300 | 2.59 | 2.65 | 2.66 | 2.72 | 2.66 | 2.64 | 1.03 | up | 2.71E-01 | 8.95E-01 | --- | --- | | |
| 1378802_at | Tk1 | TANK binding kinase 1 | 292337 | Rn.30587 | BF460234 | 2.40 | 2.50 | 2.34 | 2.34 | 2.40 | 2.34 | 1.03 | down | 7.45E-01 | 8.95E-01 | --- | --- | | | |
| 1388460_at | Cagp | clapping protein (actin filament), gelsolin-like fibronectin acid binding protein 51 | 297339 | Rn.8945 | BM38463 | 2.79 | 4.69 | 3.08 | 3.09 | 3.21 | 4.38 | 1.03 | up | 9.57E-01 | 8.95E-01 | --- | --- | | | |
| 1382827_at | Rps1 | ribosomal acidic protein S1 | 297113 | Rn.7235 | BC375493 | 6.02 | 6.61 | 6.14 | 6.13 | 6.14 | 6.38 | 1.03 | down | 8.46E-01 | 8.95E-01 | --- | --- | | | |
| 1382827_at | Kat5 | WY domain binding protein 1 | 297695 | Rn.178942 | BI26225 | 2.49 | 2.55 | 2.56 | 2.56 | 2.58 | 2.58 | 1.03 | down | 2.59E-01 | 8.95E-01 | --- | --- | | | |
| 1393125_x_at | Sfrs14 | splice factor, arginine/serine-rich 14 | 361126 | Rn.8684 | AK95545 | 4.40 | 6.40 | 7.59 | 5.82 | 6.63 | 5.82 | 1.03 | down | 9.68E-01 | 8.95E-01 | --- | --- | | | |
| 1397755_at | --- | --- | --- | --- | Rn.173043 | AK95545 | 4.40 | 6.40 | 7.59 | 5.82 | 6.63 | 5.82 | 1.03 | down | 9.68E-01 | 8.95E-01 | --- | --- | | |
| 1370202_at | Igfb5 | integrin, beta 5 | 257645 | Rn.16988 | AF35872 | 2.95 | 2.70 | 2.54 | 2.20 | 2.63 | 3.24 | 1.03 | down | 0.95E-01 | 8.95E-01 | --- | --- | | | |
| 1387137_at | Comp | cartilage oligomeric matrix protein | 25304 | Rn.10343 | NM_123824 | 2.40 | 2.39 | 2.40 | 2.52 | 2.41 | 2.39 | 1.03 | up | 3.61E-01 | 8.95E-01 | --- | --- | | | |
| 1379233_x_at | --- | --- | --- | --- | Rn.120744 | AK95545 | 4.40 | 6.40 | 7.59 | 5.82 | 6.63 | 5.82 | 1.03 | down | 9.68E-01 | 8.95E-01 | --- | --- | | |
| 1383568_at | Tube1 | tubulin, epsilon 1 | 381856 | Rn.101545 | BF52341 | 2.45 | 2.44 | 2.62 | 2.75 | 2.45 | 2.43 | 1.03 | up | 7.46E-01 | 8.95E-01 | --- | --- | | | |
| 1397257_at | --- | --- | --- | --- | Rn.136374 | BE10890 | 2.50 | 2.53 | 2.50 | 2.54 | 2.58 | 2.54 | 1.03 | up | 8.04E-01 | 8.95E-01 | --- | --- | | |
| 1397257_at | Fnm3 | FRAS1 related extracellular matrix 3 | 307787 | Rn.41983 | BI26225 | 2.49 | 2.46 | 2.41 | 2.41 | 2.41 | 2.41 | 1.03 | down | 9.46E-01 | 8.95E-01 | --- | --- | | | |
| 1371454_at | --- | --- | --- | --- | Rn.258 | BI26225 | 7.45 | 7.31 | 7.02 | 7.30 | 6.79 | 7.57 | 1.03 | down | 8.83E-01 | 8.95E-01 | --- | --- | | |
| 1374922_at | Nuf7 | nucleolar protein 7 | 468727 | Rn.13140 | BI26225 | 7.41 | 7.34 | 7.02 | 7.34 | 6.79 | 7.57 | 1.03 | down | 8.83E-01 | 8.95E-01 | --- | --- | | | |
| 1392228_at | --- | --- | --- | --- | BI26225 | 2.82 | 2.68 | 3.04 | 2.91 | 3.00 | 2.84 | 1.03 | up | 7.44E-01 | 8.95E-01 | --- | --- | | | |
| 1385075_at | LOC361915 | hypothetical protein LOC361915 | 361915 | Rn.49008 | BE117752 | 2.87 | 2.64 | 3.03 | 2.85 | 2.95 | 2.81 | 1.03 | down | 6.06E-01 | 8.95E-01 | --- | --- | | | |
| 1393036_at | Skp2 | skp2-like threonine kinase substrate 1 | 202690 | Rn.49008 | BE117752 | 2.87 | 2.64 | 3.03 | 2.85 | 2.95 | 2.81 | 1.03 | down | 6.06E-01 | 8.95E-01 | --- | --- | | | |
| 1378981_at | MSC94600 | --- | 301013 | Rn.102027 | AK48488 | 4.60 | 4.59 | 3.89 | 4.48 | 3.72 | 4.76 | 1.03 | down | 9.21E-01 | 8.95E-01 | --- | --- | | | |
| 1385485_at | --- | --- | --- | --- | AK48488 | 2.68 | 2.60 | 2.60 | 2.60 | 2.60 | 2.55 | 1.03 | down | 6.76E-01 | 8.95E-01 | --- | --- | | | |
| 1396317_at | Len5 | leucine oxidase 5 | 29552 | Rn.10382 | NM_024136 | 2.40 | 2.39 | 2.40 | 2.53 | 2.41 | 2.37 | 1.03 | down | 4.28E-01 | 8.95E-01 | --- | --- | | | |
| 1379403_at | --- | --- | --- | --- | Rn.203835 | AK95545 | 4.40 | 6.40 | 7.59 | 5.82 | 6.63 | 5.82 | 1.03 | down | 9.68E-01 | 8.95E-01 | --- | --- | | |
| 1378496_at | --- | --- | --- | --- | Rn.215142 | BF396300 | 2.36 | 2.44 | 2.36 | 2.37 | 2.37 | 2.35 | 1.03 | down | 3.40E-01 | 8.95E-01 | --- | --- | | |
| 1383517_at | --- | --- | --- | --- | Rn.153403 | AK98901 | 2.36 | 2.47 | 2.37 | 2.36 | 2.37 | 2.35 | 1.03 | down | 3.19E-01 | 8.95E-01 | --- | --- | | |
| 1379600_at | --- | --- | --- | --- | Rn.66055 | BC376788 | 2.55 | 2.44 | 2.62 | 2.57 | 2.49 | 2.44 | 1.03 | down | 2.74E-01 | 8.95E-01 | --- | --- | | |
| 1391659_at | Sly2 | splicing factor, arginine/serine-rich 8 | 304431 | Rn.120338 | AK95545 | 3.77 | 4.84 | 5.57 | 4.57 | 5.27 | 4.57 | 1.03 | down | 9.46E-01 | 8.95E-01 | --- | --- | | | |
| 1374864_at | Spw4 | spiny protein 2 (Drosophila) | 306141 | Rn.103294 | BM38455 | 2.81 | 3.10 | 2.87 | 2.56 | 2.85 | 3.50 | 1.03 | up | 8.96E-01 | 8.95E-01 | --- | --- | | | |
| 1373307_at | --- | --- | --- | --- | Rn.81 | AK95545 | 4.40 | 6.40 | 7.59 | 5.82 | 6.63 | 5.82 | 1.03 | down | 9.68E-01 | 8.95E-01 | --- | --- | | |
| 1384416_at | --- | --- | --- | --- | AK95545 | 2.46 | 2.58 | 2.47 | 2.43 | 2.48 | 2.47 | 1.03 | down | 3.95E-01 | 8.95E-01 | --- | --- | | | |
| 1381552_at | --- | --- | --- | --- | Rn.206153 | BC390975 | 2.58 | 2.57 | 2.65 | 2.58 | 2.61 | 2.79 | 1.03 | down | 3.96E-01 | 8.95E-01 | --- | --- | | |
| 1383495_at | --- | --- | --- | --- | BF460234 | 2.40 | 2.29 | 2.33 | 2.33 | 2.33 | 2.33 | 1.03 | down | 3.96E-01 | 8.95E-01 | --- | --- | | | |
| 1381044_at | --- | similar to KIAA1582 protein | 303774 | Rn.199773 | BI277137 | 2.37 | 2.35 | 2.38 | 2.36 | 2.37 | 2.50 | 1.03 | up | 4.10E-01 | 8.95E-01 | --- | --- | | | |
| 1393329_x_at | --- | --- | --- | | | | | | | | | | | | | | | | | |

| ProteinSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | FCRAhouse | Residual | Unpaired t-test vs C1a (log) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------------------------|-----|-----|
| | | | | | | SEFP (C1) | SEFP (C2) | SEFP (C3) | SEFP (C4) | SEFP (C5) | SEFP (C6) | SEFP (C7) | SEFP (C8) | | | | | |
| 1370040 | Ogg1 | 8-oxoguanine DNA glycosylase | 81528 | Rn.22623 | NM_030670 | 4.73 | 4.42 | 4.09 | 4.55 | 4.29 | 4.28 | 1.03 | down | 8.57E-01 | 9.55E-01 | | | |
| 1389736 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 2.18E-01 | 9.95E-01 | | | |
| 1380184 | Fam19a5 | family with sequence similarity 19 (chemokine (C-C motif)-like), member A5 | 500915 | Rn.209159 | AF398976 | 2.45 | 2.40 | 2.41 | 2.40 | 2.41 | 2.34 | 1.03 | down | 7.85E-01 | 9.55E-01 | | | |
| 1396702 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 4.36E-01 | 9.85E-01 | | | |
| 1396530 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 3.13E-01 | 9.55E-01 | | | |
| 1396922 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 3.78E-01 | 9.55E-01 | | | |
| 1386209 | Ptdz1p1 | PDZK1 interacting protein 1 | 81916 | Rn.3605 | NM_130401 | 10.08 | 10.00 | 10.00 | 9.44 | 10.07 | 9.73 | 1.03 | down | 9.03E-01 | 9.70E-01 | | | |
| 1380154 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 4.74E-01 | 9.55E-01 | | | |
| 1380063 | C25h2 | cholesterol 25-hydroxylase | 309527 | Rn.155971 | A118938 | 2.53 | 2.66 | 2.53 | 2.55 | 2.53 | 2.52 | 1.03 | down | 4.11E-01 | 9.55E-01 | | | |
| 1372525 | Acid3 | acyl-CoA:lysine A binding domain containing 3 | 28512 | Rn.41106 | NM_022727 | 6.23 | 6.05 | 6.08 | 5.63 | 6.03 | 6.79 | 1.03 | up | 9.07E-01 | 9.72E-01 | | | |
| 1376355 | FAM120C | family with sequence similarity 120C | 317423 | Rn.41106 | BF399309 | 2.38 | 2.39 | 2.38 | 2.37 | 2.38 | 2.51 | 1.03 | up | 4.36E-01 | 9.55E-01 | | | |
| 1379569 | Tor1a2p2 | torin A interacting protein 2 | 304881 | Rn.203174 | B296555 | 6.38 | 7.32 | 7.19 | 7.12 | 6.59 | 7.29 | 1.03 | up | 9.19E-01 | 9.76E-01 | | | |
| 1369516 | RDG131081 | similar to hypothetical protein FLJ10154 | 220912 | Rn.109529 | B2663870 | 5.99 | 6.03 | 5.98 | 6.28 | 5.87 | 5.96 | 1.03 | down | 7.88E-01 | 9.25E-01 | | | |
| 1382852 | Rfl190 | ring finger protein 190 | 303596 | Rn.160625 | B966289 | 2.50 | 2.36 | 2.39 | 2.39 | 2.36 | 2.41 | 1.03 | down | 4.45E-01 | 9.55E-01 | | | |
| 1385958 | Arl1 | ADP-ribosyltransferase 1 | 308873 | Rn.6543 | BF557807 | 2.28 | 2.17 | 2.17 | 2.16 | 2.17 | 2.16 | 1.03 | down | 3.81E-01 | 9.95E-01 | | | |
| 1379271 | Socs5 | suppressor of cytokine signaling 5 | 500616 | Rn.47568 | AA925076 | 5.24 | 5.25 | 5.21 | 4.95 | 4.65 | 4.96 | 1.03 | down | 9.20E-01 | 9.76E-01 | | | |
| 1377417 | LOC30338 | similar to TCA61 | 353328 | Rn.21528 | B2959931 | 2.33 | 2.32 | 2.32 | 2.32 | 2.40 | 2.51 | 1.03 | up | 4.73E-01 | 9.55E-01 | | | |
| 1379198 | Tom70a | translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae) | 304017 | Rn.163009 | BF14701 | 6.39 | 6.28 | 6.03 | 7.01 | 6.31 | 6.00 | 1.03 | up | 8.71E-01 | 9.60E-01 | | | |
| 1372060 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 9.61E-01 | 9.85E-01 | | | |
| 1384716 | Sy11 | synaptotagmin 1 | 29716 | Rn.216272 | A010686 | 4.02 | 5.28 | 5.66 | 5.12 | 5.72 | 5.43 | 1.03 | up | 9.95E-01 | 9.72E-01 | | | |
| 1378331 | Rap1gap | Rap1 GTPase-activating protein | 319644 | Rn.18036 | BF294067 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.36 | 1.03 | up | 3.72E-01 | 9.55E-01 | | | |
| 1380545 | Inpp4b | inositol polyphosphate 4-phosphatase, type II | 116899 | Rn.10629 | NM_033817 | 2.39 | 2.29 | 2.35 | 2.39 | 2.43 | 2.36 | 1.03 | down | 4.87E-01 | 9.95E-01 | | | |
| 1387616 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 9.95E-01 | 9.72E-01 | | | |
| 1393304 | RDG156045 | similar to vesicle transport through interaction with LSNAREs 1B homolog | 366673 | --- | BF378674 | 6.73 | 6.34 | 6.46 | 6.53 | 6.55 | 6.57 | 1.03 | up | 7.45E-01 | 9.18E-01 | | | |
| 1380839 | Sid5 | lysatin 5 | 65134 | Rn.1782 | B292446 | 4.22 | 3.50 | 2.76 | 3.79 | 3.77 | 3.29 | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1378132 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 3.16E-01 | 9.55E-01 | | | |
| 1391626 | Mnd1 | nucleic acid nuclear divisions 1 homolog (S. cerevisiae) | 295160 | Rn.42077 | BF282816 | 2.58 | 2.54 | 2.71 | 2.57 | 2.63 | 2.50 | 1.03 | down | 5.70E-01 | 9.95E-01 | | | |
| 1376937 | RDG166527 | similar to 4512420595 protein | 304020 | Rn.8383 | BM38985 | 2.54 | 2.62 | 2.54 | 2.52 | 2.54 | 2.53 | 1.03 | down | 2.43E-01 | 9.55E-01 | | | |
| 1370877 | Rin1 | Ras and Rab interactor 1 | 207119 | Rn.16008 | U80076 | 2.46 | 2.45 | 2.55 | 2.42 | 2.46 | 2.45 | 1.03 | down | 2.98E-01 | 9.55E-01 | | | |
| 1396688 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 2.85E-01 | 9.55E-01 | | | |
| 1396504 | Adm19 | 14 disintegrin and metalloproteinase domain 19 (metrin beta) | 303008 | Rn.163144 | BF40629 | 2.61 | 2.54 | 2.77 | 2.63 | 2.67 | 2.60 | 1.03 | up | 9.95E-01 | 9.72E-01 | | | |
| 1396830 | Pkin7 | protein kinase, c-ets | 81749 | Rn.10398 | NM_031095 | 2.40 | 2.45 | 2.40 | 2.37 | 2.39 | 2.36 | 1.03 | down | 9.70E-01 | 9.55E-01 | | | |
| 1394444 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 2.47E-01 | 9.55E-01 | | | |
| 1373145 | RDG156051 | similar to Vps41 protein | 309691 | Rn.6409 | B218184 | 5.93 | 6.23 | 6.64 | 5.92 | 6.10 | 6.00 | 1.03 | up | 9.20E-01 | 9.76E-01 | | | |
| 1390865 | Cap92 | Cap+ dependent secretion activator 2 | 312166 | Rn.91746 | AW254822 | 5.43 | 5.60 | 5.68 | 5.40 | 5.40 | 5.75 | 1.03 | down | 7.81E-01 | 9.31E-01 | | | |
| 1380402 | Tmem13 | transmembrane protein 134 | 316165 | Rn.20599 | A1175019 | 4.13 | 3.89 | 4.18 | 4.17 | 4.18 | 4.17 | 1.03 | down | 9.43E-01 | 9.55E-01 | | | |
| 1395279 | Pnk2 | PX domain containing serine/threonine kinase | 306203 | Rn.86175 | B297904 | 3.89 | 2.91 | 2.82 | 3.59 | 2.88 | 3.02 | 1.03 | down | 9.28E-01 | 9.80E-01 | | | |
| 1383122 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 5.34E-01 | 9.55E-01 | | | |
| 1395653 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 4.25E-01 | 9.55E-01 | | | |
| 1396858 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 1.65E-01 | 9.55E-01 | | | |
| 1394076 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 9.95E-01 | 9.72E-01 | | | |
| 1374121 | Oxct1 | 3-oxoacid CoA transferase 1 | 690183 | Rn.98472 | BM381873 | 10.16 | 10.53 | 10.71 | 10.19 | 10.44 | 10.68 | 1.03 | down | 8.62E-01 | 9.73E-01 | | | |
| 1370179 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 6.74E-01 | 9.01E-01 | | | |
| 1376596 | RDG156585 | similar to RIKEN cDNA 1810030007 | 317344 | Rn.203313 | BM380501 | 2.35 | 2.45 | 2.34 | 2.34 | 2.34 | 2.57 | 1.03 | up | 9.37E-01 | 9.82E-01 | | | |
| 1388396 | Slw25 | serine/threonine kinase 25 (STE20 homolog, yeast) | 313544 | Rn.12381 | BF387911 | 5.11 | 6.11 | 4.51 | 4.81 | 4.52 | 4.41 | 1.03 | down | 9.25E-01 | 9.66E-01 | | | |
| 1379736 | Rnasen | Ribonuclease type II, nuclear | 310159 | Rn.41113 | AW252835 | 2.37 | 2.36 | 2.40 | 2.37 | 2.52 | 2.36 | 1.03 | up | 5.22E-01 | 9.55E-01 | | | |
| 1391766 | Hsa5t5 | heparan sulfate glucosaminyl 3-O-sulfotransferase 5 | 294449 | Rn.117403 | AJ502121 | 2.51 | 2.48 | 2.62 | 2.47 | 2.53 | 2.49 | 1.03 | down | 4.44E-01 | 9.95E-01 | | | |
| 1381700 | Mca20 | microtubule associated monoglycosylase, calyxin and LIM domain containing | 304200 | Rn.201751 | A2011751 | 2.50 | 2.50 | 2.50 | 2.48 | 2.50 | 2.51 | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1391894 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 5.14E-01 | 9.55E-01 | | | |
| 1373303 | Solent1 | nucleolar channel modifier 1 | 316922 | Rn.40269 | B5331801 | 6.04 | 6.04 | 6.04 | 5.95 | 6.05 | 6.04 | 1.03 | down | 8.65E-01 | 9.04E-01 | | | |
| 1398847 | Nucl4 | nucleic acid channel modifier 4 | 94287 | Rn.84426 | BG379043 | 8.82 | 8.76 | 8.06 | 9.03 | 8.06 | 8.43 | 1.03 | down | 8.25E-01 | 9.77E-01 | | | |
| 1378784 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 8.78E-01 | 9.62E-01 | | | |
| 1397763 | RDG1359158 | Similar to RIKEN cDNA 111059E24 | 361740 | Rn.105882 | BG379043 | 2.88 | 3.01 | 2.86 | 3.21 | 3.11 | 3.01 | 1.03 | down | 7.88E-01 | 9.33E-01 | | | |
| 1378115 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 3.45E-01 | 9.55E-01 | | | |
| 1396400 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 1.53E-01 | 9.95E-01 | | | |
| 1386590 | Rnh2 | radial spokehead-like 2 | 361476 | Rn.199844 | BE105443 | 2.65 | 2.63 | 2.68 | 2.58 | 2.64 | 2.63 | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1393073 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 4.31E-01 | 9.55E-01 | | | |
| 1373717 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 4.03E-01 | 9.55E-01 | | | |
| 1388651 | Zfp382 | zinc finger protein 38, C3H1-type 2 | 298765 | Rn.20055 | AA83730 | 2.34 | 2.34 | 2.45 | 2.34 | 2.34 | 2.33 | 1.03 | down | 3.74E-01 | 9.55E-01 | | | |
| 1379236 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 1.30E-01 | 9.55E-01 | | | |
| 1381645 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1376403 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 2.42E-01 | 9.55E-01 | | | |
| 1385663 | Pan1 | presenilin 1 | 29192 | Rn.110415 | AJ60691 | 2.29 | 2.37 | 2.30 | 2.29 | 2.27 | 2.27 | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1380732 | Cdb8 | CD8b molecule | 58822 | Rn.67374 | NM_020081 | 2.34 | 2.34 | 2.34 | 2.35 | 2.35 | 2.43 | 1.03 | up | 1.97E-01 | 9.55E-01 | | | |
| 1379522 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1385414 | Cdba | CD8a molecule | 24930 | Rn.10306 | BE110434 | 2.36 | 2.36 | 2.47 | 2.36 | 2.37 | 2.35 | 1.03 | down | 3.57E-01 | 9.55E-01 | | | |
| 1376453 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.03 | up | 7.25E-01 | 9.13E-01 | | | |
| 1381130 | LOC500118 | similar to RIKEN cDNA D33020D13 | 500118 | Rn.161838 | BE10827 | 2.41 | 2.41 | 2.51 | 2.40 | 2.39 | 2.39 | 1.03 | down | 9.95E-01 | 9.95E-01 | | | |
| 1391888 | --- | --- | --- | --- | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | FC/Abundance | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|--------------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEFP (Ct) | SEFP (Ct) | SEFP (Ct) | SEFP (Ct) | SEFP (Ct) | SEFP (Ct) | | | | | | |
| 138602_at | Rab40b | Rab40b, member RAS oncogene family | 303754 | Rn_4397 | BF259179 | 2.59 | 2.49 | 2.57 | 2.53 | 2.55 | 2.46 | 1.03 | down | 4.12E-01 | 8.95E-01 | --- | --- |
| 137025_at | Ctcf4 | Ctcf4/p300-interacting transcription factor with Glu/Asp-rich carboxy-terminal domain | 114491 | Rn_40380 | AW55378 | 2.81 | 2.81 | 2.91 | 2.81 | 2.83 | 2.78 | 1.03 | down | 3.41E-01 | 8.95E-01 | --- | --- |
| 137011_at | Sm245 | Sm245/Smad2, transforming growth factor beta type II receptor 4, IV, verner-syndrome 2 | 262006 | Rn_11894 | AW55407 | 2.48 | 2.48 | 2.46 | 2.45 | 2.42 | 2.52 | 1.03 | down | 2.35E-01 | 8.95E-01 | --- | --- |
| 137068_at | Ufp2 | Ufp1-specific peptidase 2, receptor, 45 (v) verner-syndrome 2 | 361151 | Rn_14630 | AW55285 | 8.03 | 7.89 | 8.10 | 8.00 | 7.99 | 8.14 | 1.03 | up | 6.63E-01 | 8.95E-01 | --- | --- |
| 138899_at | Cux3 | Cux3, homeobox C (C-X-C) motif ligand 3 | 171551 | Rn_10525 | DB7927 | 2.55 | 2.52 | 2.60 | 2.50 | 2.59 | 2.47 | 1.03 | down | 4.02E-01 | 8.95E-01 | --- | --- |
| 1370126_at | Prsa2 | protease, serine, 2 | 25052 | Rn_1584 | NM_012729 | 2.52 | 2.45 | 2.55 | 2.46 | 2.50 | 2.44 | 1.03 | down | 3.39E-01 | 8.95E-01 | --- | --- |
| 1384295_x_at | --- | --- | --- | Rn_43501 | AW55285 | 2.45 | 2.44 | 2.54 | 2.46 | 2.54 | 2.46 | 1.03 | down | 3.55E-01 | 8.95E-01 | --- | --- |
| 1373718_at | Rpa1 | Replication protein A1 | 287524 | Rn_173588 | BF145648 | 2.51 | 2.48 | 2.59 | 2.49 | 2.52 | 2.46 | 1.03 | down | 3.83E-01 | 8.95E-01 | --- | --- |
| 1380795_at | --- | --- | --- | Rn_18491 | BF159812 | 2.41 | 2.37 | 2.46 | 2.38 | 2.37 | 2.41 | 1.03 | down | 2.23E-01 | 8.95E-01 | --- | --- |
| 1397146_at | --- | --- | --- | Rn_14313 | AF137437 | 2.48 | 2.42 | 2.45 | 2.42 | 2.42 | 2.40 | 1.03 | down | 1.48E-01 | 8.95E-01 | --- | --- |
| 1382048_at | Atfpa1a | ATFase, H transcribing, lysosomal V1 subunit A | 685232 | Rn_1431 | BI298589 | 8.38 | 8.91 | 8.09 | 8.42 | 8.63 | 8.22 | 1.03 | down | 8.95E-01 | 9.67E-01 | --- | --- |
| 1394324_at | --- | --- | --- | Rn_41532 | BF542337 | 2.50 | 2.39 | 2.40 | 2.39 | 2.40 | 2.38 | 1.03 | down | 3.35E-01 | 8.95E-01 | --- | --- |
| 1370630_x_at | Fglr2 | fibroblast growth factor receptor 2 | 25022 | Rn_12732 | L19104 | 2.68 | 2.54 | 2.70 | 2.72 | 2.74 | 2.57 | 1.03 | up | 6.33E-01 | 8.95E-01 | --- | --- |
| 1380959_at | --- | --- | --- | Rn_55181 | BF284475 | 3.45 | 3.55 | 2.88 | 3.48 | 3.34 | 3.18 | 1.03 | up | 8.76E-01 | 9.62E-01 | --- | --- |
| 1389843_at | Dicer1 | Dicer1, 1, ribonuclease type III | 299284 | Rn_20589 | BF283959 | 2.45 | 2.51 | 2.79 | 2.63 | 2.53 | 2.57 | 1.03 | down | 7.35E-01 | 9.14E-01 | --- | --- |
| 1388982_at | RGD1309104 | Similar to RIKEN cDNA 1700025G04 gene | 289084 | Rn_20230 | AW57110 | 2.42 | 2.38 | 2.39 | 2.39 | 2.55 | 2.37 | 1.03 | up | 5.44E-01 | 8.95E-01 | --- | --- |
| 1388022_at | Mps17 | mitochondrial ribosomal protein S17 | 288621 | Rn_20568 | AF409669 | 2.43 | 2.36 | 2.59 | 2.42 | 2.56 | 2.70 | 1.03 | down | 3.35E-01 | 8.95E-01 | --- | --- |
| 1389665_at | --- | --- | --- | Rn_20568 | AF409669 | 2.63 | 2.60 | 2.59 | 2.62 | 2.68 | 2.63 | 1.03 | down | 1.88E-01 | 8.95E-01 | --- | --- |
| 1370634_x_at | Cux3 | chemokine (C-X-C motif) ligand 3 | 171551 | Rn_10525 | DB7927 | 2.49 | 2.52 | 2.50 | 2.47 | 2.50 | 2.44 | 1.03 | down | 1.19E-01 | 8.95E-01 | --- | --- |
| 1389705_at | --- | --- | --- | Rn_20273 | BF405292 | 2.40 | 2.37 | 2.52 | 2.38 | 2.43 | 2.38 | 1.03 | down | 4.81E-01 | 8.95E-01 | --- | --- |
| 1395134_at | --- | --- | --- | Rn_148123 | AO289710 | 2.53 | 2.52 | 2.60 | 2.53 | 2.56 | 2.46 | 1.03 | down | 4.10E-01 | 8.95E-01 | --- | --- |
| 1380742_at | --- | --- | --- | Rn_147678 | AF167626 | 2.44 | 2.38 | 2.51 | 2.62 | 2.44 | 2.38 | 1.03 | up | 6.73E-01 | 9.01E-01 | --- | --- |
| 1380795_at | --- | --- | --- | Rn_173324 | BF405292 | 2.46 | 2.45 | 2.56 | 2.45 | 2.46 | 2.45 | 1.03 | down | 3.88E-01 | 8.95E-01 | --- | --- |
| 1383667_at | Rundc1 | RUN domain containing 1 | 303552 | Rn_10913 | AW03411 | 7.46 | 7.64 | 6.00 | 6.99 | 6.87 | 7.36 | 1.03 | up | 9.48E-01 | 9.85E-01 | --- | --- |
| 1381032_at | --- | --- | --- | Rn_20720 | BC537410 | 2.41 | 2.79 | 2.41 | 2.41 | 2.41 | 2.68 | 1.03 | down | 8.23E-01 | 9.43E-01 | --- | --- |
| 13747373_at | Shroom1 | shroom family member 1 | 287285 | Rn_20227 | BF933300 | 2.87 | 2.74 | 3.03 | 2.83 | 2.99 | 2.71 | 1.03 | down | 7.69E-01 | 9.24E-01 | --- | --- |
| 1387756_at | Gfm1 | G elongation factor, mitochondrial 1 | 114017 | Rn_10913 | NM_053625 | 7.67 | 8.72 | 8.07 | 8.40 | 8.45 | 8.73 | 1.03 | up | 9.36E-01 | 9.82E-01 | --- | --- |
| 1382013_at | --- | --- | --- | Rn_16768 | AW519307 | 2.55 | 2.46 | 2.55 | 2.48 | 2.53 | 2.44 | 1.03 | down | 3.44E-01 | 8.95E-01 | --- | --- |
| 1370151_at | Cps1 | carbamoyl-phosphate synthase 1, mitochondrial | 497840 | Rn_53968 | NM_017072 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.32 | 1.03 | up | 3.80E-01 | 8.95E-01 | --- | --- |
| 1381374_at | Lamp1 | lysosomal-associated membrane protein 4 | 361549 | Rn_14300 | AW05424 | 2.38 | 2.37 | 2.40 | 2.38 | 2.52 | 2.37 | 1.03 | up | 4.96E-01 | 8.95E-01 | --- | --- |
| 1380968_at | Lamp2 | lysosomal-associated membrane protein 5 | 361549 | Rn_14300 | BF160869 | 2.38 | 2.37 | 2.40 | 2.38 | 2.52 | 2.37 | 1.03 | up | 4.96E-01 | 8.95E-01 | --- | --- |
| 1386204_at | Lamp1 | lysosomal-associated membrane protein 4 | 361549 | Rn_14300 | BF160869 | 2.38 | 2.37 | 2.40 | 2.38 | 2.52 | 2.37 | 1.03 | up | 4.96E-01 | 8.95E-01 | --- | --- |
| 1371699_at | --- | --- | --- | Rn_84161 | BF105853 | 11.78 | 11.68 | 11.74 | 11.81 | 11.67 | 11.62 | 1.03 | down | 5.96E-01 | 8.95E-01 | --- | --- |
| 1381621_at | --- | --- | --- | Rn_20902 | BF381653 | 2.55 | 2.50 | 2.59 | 2.51 | 2.54 | 2.47 | 1.03 | down | 3.35E-01 | 8.95E-01 | --- | --- |
| 1383889_at | LOC307495 | similar to biliverdin reductase B (flavin reductase (NADPH)) | 307495 | Rn_16542 | AA992264 | 6.46 | 7.27 | 6.55 | 6.46 | 6.20 | 5.84 | 1.03 | up | 9.68E-01 | 9.91E-01 | --- | --- |
| 1371375_at | Efr1 | EF-hand calcium binding domain containing, family 1, member 1 | 284933 | Rn_137196 | AW01237 | 9.12 | 9.39 | 9.01 | 9.03 | 8.90 | 8.90 | 1.03 | down | 8.35E-01 | 8.95E-01 | --- | --- |
| 1387165_at | --- | --- | --- | Rn_203778 | BF547582 | 2.31 | 2.41 | 2.31 | 2.30 | 2.31 | 2.30 | 1.03 | down | 3.05E-01 | 8.95E-01 | --- | --- |
| 1380751_x_at | Ranb2 | RAN binding protein 2 | 292329 | Rn_10129 | AF409669 | 2.40 | 2.37 | 2.47 | 2.37 | 2.67 | 2.43 | 1.03 | down | 4.54E-01 | 8.95E-01 | --- | --- |
| 1385286_at | Elovl3 | elongation of very long chain fatty acids (FEN1/Elo2, SURF1/Elo3, yeast) 3 | 309449 | Rn_79322 | BI224348 | 2.55 | 2.51 | 2.58 | 2.51 | 2.57 | 2.44 | 1.03 | down | 4.42E-01 | 8.95E-01 | --- | --- |
| 1381076_at | Foxk2 | forkhead box K2 | 303753 | Rn_44225 | BF391525 | 7.77 | 6.88 | 6.16 | 6.92 | 7.03 | 6.75 | 1.03 | down | 9.41E-01 | 9.83E-01 | --- | --- |
| 1382013_at | Thoc5 | Thoc5 complex 3 | 290519 | Rn_10196 | AF409669 | 4.27 | 3.74 | 3.73 | 4.23 | 4.25 | 3.73 | 1.03 | down | 8.44E-01 | 9.45E-01 | --- | --- |
| 1386105_at | --- | --- | --- | Rn_172062 | BF287631 | 4.76 | 3.79 | 4.11 | 4.61 | 4.27 | 3.87 | 1.03 | down | 9.21E-01 | 9.77E-01 | --- | --- |
| 1377874_at | --- | --- | --- | Rn_219427 | BI295227 | 2.38 | 2.37 | 2.47 | 2.38 | 2.38 | 2.34 | 1.03 | down | 3.47E-01 | 8.95E-01 | --- | --- |
| 1381032_at | --- | --- | --- | Rn_183841 | BF189441 | 2.43 | 2.42 | 2.44 | 2.42 | 2.43 | 2.43 | 1.03 | down | 4.54E-01 | 8.95E-01 | --- | --- |
| 1380983_at | Tmem69 | transmembrane protein 69 | 619582 | Rn_148440 | BF284878 | 8.42 | 8.86 | 8.93 | 9.15 | 7.98 | 9.29 | 1.03 | up | 9.33E-01 | 9.83E-01 | --- | --- |
| 1380983_at | --- | --- | --- | Rn_172020 | BF189441 | 2.43 | 2.42 | 2.44 | 2.42 | 2.43 | 2.43 | 1.03 | down | 4.54E-01 | 8.95E-01 | --- | --- |
| 1379311_at | Gca | granulation | 295647 | Rn_21437 | BM390697 | 2.53 | 2.58 | 2.55 | 2.52 | 2.55 | 2.49 | 1.03 | down | 1.75E-01 | 8.95E-01 | --- | --- |
| 1382109_at | Ncap | NFKB activating protein | 298342 | Rn_12473 | BI010096 | 2.35 | 2.40 | 2.36 | 2.35 | 2.35 | 2.30 | 1.03 | down | 2.02E-01 | 8.95E-01 | --- | --- |
| 1374714_x_at | --- | --- | --- | Rn_50345 | AF409669 | 2.63 | 2.50 | 2.52 | 2.59 | 2.52 | 2.45 | 1.03 | down | 4.54E-01 | 8.95E-01 | --- | --- |
| 1380406_at | --- | --- | --- | Rn_195451 | BE115830 | 2.55 | 2.56 | 2.52 | 2.56 | 2.52 | 2.47 | 1.03 | down | 9.41E-01 | 9.83E-01 | --- | --- |
| 1382962_at | --- | --- | --- | Rn_70548 | AW10580 | 3.68 | 3.60 | 3.68 | 3.68 | 3.60 | 3.60 | 1.03 | down | 9.41E-01 | 9.83E-01 | --- | --- |
| 1393196_at | RGD1560001 | similar to Jumonji/ARID domain-containing protein 1C (Smxpc protein) | 317432 | Rn_147997 | AG851445 | 2.43 | 2.76 | 2.45 | 2.42 | 2.92 | 2.41 | 1.03 | up | 5.78E-01 | 8.95E-01 | --- | --- |
| 1381112_at | --- | --- | --- | Rn_168138 | AW558905 | 2.36 | 2.35 | 2.46 | 2.35 | 2.38 | 2.33 | 1.03 | down | 3.73E-01 | 8.95E-01 | --- | --- |
| 1381195_at | --- | --- | --- | Rn_20380 | BF586121 | 2.50 | 2.51 | 2.54 | 2.50 | 2.54 | 2.45 | 1.03 | down | 3.85E-01 | 8.95E-01 | --- | --- |
| 1388930_at | Atfpa2b | ATFase, H transcribing, lysosomal 21kDa, V0 subunit b | 298451 | Rn_19803 | BI278544 | 7.91 | 7.90 | 7.96 | 7.97 | 7.98 | 7.93 | 1.03 | down | 2.02E-01 | 8.95E-01 | --- | --- |
| 1391011_at | --- | --- | --- | Rn_39284 | AW527691 | 2.45 | 2.49 | 2.48 | 2.44 | 2.44 | 2.42 | 1.03 | down | 8.55E-02 | 8.95E-01 | --- | --- |
| 1380987_at | Mufl10 | major facilitator superfamily domain containing 10 | 305449 | Rn_31010 | AW66252 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.03 | down | 1.90E-01 | 8.95E-01 | --- | --- |
| 1388337_at | Amir1 | autofucosyl transferase 1 | 361387 | Rn_107561 | BF116658 | 5.21 | 5.14 | 6.33 | 5.01 | 5.37 | 6.41 | 1.03 | up | 9.51E-01 | 9.85E-01 | --- | --- |
| 1384653_at | --- | --- | --- | Rn_216754 | AF409669 | 2.47 | 3.16 | 2.44 | 2.44 | 2.44 | 2.44 | 1.03 | down | 3.85E-01 | 8.95E-01 | --- | --- |
| 1389624_at | --- | --- | --- | Rn_10380 | AF385669 | 2.40 | 2.38 | 2.43 | 2.39 | 2.55 | 2.37 | 1.03 | down | 5.50E-01 | 8.95E-01 | --- | --- |
| 1386405_at | Rra3 | viral simian leukemia viral oncogene homolog A (ras related) | 811757 | Rn_102380 | NM_031093 | 7.04 | 7.47 | 8.34 | 7.52 | 7.79 | 7.43 | 1.03 | down | 9.33E-01 | 9.81E-01 | --- | --- |
| 1383016_at | RGD1309354 | similar to RIKEN cDNA 483146C07 | 303016 | Rn_16768 | BF409669 | 2.29 | 2.26 | 2.28 | 2.28 | 2.28 | 2.28 | 1.03 | down | 3.85E-01 | 8.95E-01 | --- | --- |
| 1378284_at | PlekH2 | pleckstrin homology domain containing, family F (with FYVE domain) member 2 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/Abundance | Resuspension | Unpaired t-test Csis vs Cht (log2) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|--------------|------------------------------------|-----|-----|
| | | | | | | SEPP (Cht) | SEPP (Cis) | SEPP (Cht) | SEPP (Cis) | SEPP (Cht) | SEPP (Cis) | SEPP (Cht) | SEPP (Cis) | SEPP (Cht) | SEPP (Cis) | | | | | |
| 1385751_at | Tlbs2 | thrombospondin 2 | 292406 | ... | BF408413 | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | 2.18 | 1.03 | up | 4.14E-01 | 8.95E-01 | | |
| 1392293_at | ... | ... | ... | ... | BE113790 | 2.40 | 2.38 | 2.40 | 2.51 | 2.40 | 2.38 | 2.40 | 2.38 | 1.03 | up | 4.32E-01 | 8.95E-01 | | | |
| 1395448_at | ... | ... | ... | ... | BE205808 | 2.37 | 2.27 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.28 | 1.03 | down | 3.54E-01 | 8.95E-01 | | | |
| 1398949_at | ... | ... | ... | ... | BE111476 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 | 1.03 | down | 3.08E-01 | 8.95E-01 | | | |
| 1399197_at | ... | ... | ... | ... | BE120228 | 2.51 | 2.50 | 2.53 | 2.67 | 2.53 | 2.45 | 2.53 | 2.45 | 1.03 | up | 6.08E-01 | 8.95E-01 | | | |
| 1370781_a_at | Kcnj11 | Kv channel-interacting protein 1 | 65023 | ... | AY028577 | 2.65 | 2.62 | 2.69 | 2.62 | 2.70 | 2.54 | 2.63 | 2.53 | 1.03 | down | 5.12E-01 | 8.95E-01 | | | |
| 1381902_at | ... | ... | ... | ... | RN143638 | 2.56 | 2.52 | 2.56 | 2.52 | 2.56 | 2.52 | 2.56 | 2.52 | 1.03 | down | 6.20E-01 | 8.95E-01 | | | |
| 1389763_at | Gsk4 | G protein-coupled receptor kinase 4 | 59077 | ... | NM_022328 | 2.59 | 2.49 | 2.51 | 2.49 | 2.50 | 2.49 | 2.49 | 2.49 | 1.02 | down | 3.24E-01 | 8.95E-01 | | | |
| 1381903_at | ... | ... | ... | ... | BE110762 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 1.02 | down | 5.57E-01 | 8.95E-01 | | | |
| 1384759_at | Phf17 | PHD finger protein 17 | 310352 | ... | RN180858 | 2.60 | 2.68 | 2.61 | 2.65 | 2.61 | 2.65 | 2.61 | 2.65 | 1.02 | down | 7.82E-01 | 8.95E-01 | | | |
| 1379600_at | ... | ... | ... | ... | BF387498 | 2.45 | 2.45 | 2.51 | 2.45 | 2.45 | 2.40 | 2.40 | 2.40 | 1.02 | down | 2.46E-01 | 8.95E-01 | | | |
| 1369626_at | Scn4d1 | soma domain, immunoglobulin domain (Ig), transmembrane domain (TM) and prosignaling domain (P) (subtype EP3) | 29445 | ... | NM_019272 | 2.37 | 2.36 | 2.47 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.02 | down | 3.55E-01 | 8.95E-01 | | | |
| 1369197_a_at | Pige3 | prostaglandin E receptor 3 (subtype EP3) | 29429 | ... | RN10361 | 2.31 | 2.31 | 2.32 | 2.33 | 2.32 | 2.40 | 2.32 | 2.40 | 1.02 | up | 2.33E-01 | 8.95E-01 | | | |
| 1369350_at | ... | ... | ... | ... | RN215449 | 2.34 | 2.39 | 2.36 | 2.33 | 2.34 | 2.31 | 2.32 | 2.31 | 1.02 | down | 1.10E-01 | 8.95E-01 | | | |
| 1369376_at | Nbp3 | Nedd4 binding protein 3 | 303112 | ... | BZ27577 | 2.51 | 2.49 | 2.53 | 2.49 | 2.51 | 2.41 | 2.52 | 2.41 | 1.02 | down | 3.82E-01 | 8.95E-01 | | | |
| 1369229_at | ... | ... | ... | ... | AW532790 | 2.48 | 2.48 | 2.49 | 2.59 | 2.49 | 2.48 | 2.48 | 2.48 | 1.02 | up | 3.85E-01 | 8.95E-01 | | | |
| 1369229_at | ... | ... | ... | ... | RN167098 | 2.56 | 2.48 | 2.62 | 2.56 | 2.48 | 2.72 | 2.60 | 2.60 | 1.02 | up | 6.38E-01 | 8.95E-01 | | | |
| 1369161_at | Abcd4 | ATP-binding cassette, sub-family B (MDR/ATP), member 4 | 24891 | ... | NM_012690 | 2.49 | 2.48 | 2.50 | 2.49 | 2.40 | 2.48 | 2.48 | 2.48 | 1.02 | down | 2.88E-01 | 8.95E-01 | | | |
| 1369448_at | LOC683948 | hypothetical protein LOC683948 | 683948 | ... | AA980703 | 2.39 | 2.38 | 2.48 | 2.38 | 2.39 | 2.37 | 2.37 | 2.37 | 1.02 | down | 3.45E-01 | 8.95E-01 | | | |
| 1369448_at | ... | ... | ... | ... | RN35009 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.46 | 2.36 | 2.46 | 1.02 | up | 4.16E-01 | 8.95E-01 | | | |
| 1369443_at | Angpt2 | angiopoietin-like 2 | 171100 | ... | NM_133569 | 2.45 | 2.39 | 2.39 | 2.38 | 2.38 | 2.37 | 2.37 | 2.37 | 1.02 | down | 1.87E-01 | 8.95E-01 | | | |
| 1371299_at | ... | ... | ... | ... | U12599 | 2.77 | 2.68 | 2.90 | 2.74 | 2.86 | 2.85 | 2.85 | 2.85 | 1.02 | down | 7.10E-01 | 8.95E-01 | | | |
| 1378095_at | ... | ... | ... | ... | AC22525 | 2.69 | 2.65 | 2.71 | 2.66 | 2.67 | 2.60 | 2.60 | 2.60 | 1.02 | down | 2.74E-01 | 8.95E-01 | | | |
| 1370738_a_at | Sid1 | sid1 | 59299 | ... | RN41863 | AF220558 | 2.96 | 2.79 | 3.06 | 2.89 | 3.00 | 2.82 | 2.82 | 1.02 | down | 7.30E-01 | 9.14E-01 | | | |
| 1374741_at | ... | ... | ... | ... | RN12348 | BF582337 | 2.35 | 2.33 | 2.41 | 2.33 | 2.34 | 2.32 | 2.32 | 1.02 | down | 2.45E-01 | 8.95E-01 | | | |
| 1369346_at | Tsh2 | tsf homolog 2 (Drosophila) | 360272 | ... | NM_022632 | 2.45 | 2.43 | 2.53 | 2.44 | 2.46 | 2.40 | 2.40 | 2.40 | 1.02 | down | 3.68E-01 | 8.95E-01 | | | |
| 1376967_at | ... | ... | ... | ... | RN210686 | BF400844 | 2.40 | 2.48 | 2.41 | 2.39 | 2.40 | 2.39 | 2.39 | 1.02 | down | 2.63E-01 | 8.95E-01 | | | |
| 1364690_at | ... | ... | ... | ... | RN187033 | AW6256 | 2.56 | 2.65 | 2.56 | 2.66 | 2.57 | 2.55 | 2.55 | 1.02 | up | 3.02E-01 | 8.95E-01 | | | |
| 1374847_at | Lzr1 | leucine zipper-like transcription regulator 1 | 360745 | ... | RN15759 | A117348 | 5.38 | 5.61 | 4.92 | 5.14 | 5.61 | 5.26 | 5.02 | 1.02 | up | 8.02E-01 | 9.67E-01 | | | |
| 1375008_at | Mac27 | myelin protein zero-like 2 | 300679 | ... | RN6193 | BG28216 | 4.19 | 5.18 | 3.70 | 5.10 | 5.26 | 5.72 | 5.02 | 1.02 | up | 8.65E-01 | 9.90E-01 | | | |
| 1375008_at | ... | ... | ... | ... | BF428474 | BF428474 | 9.45 | 9.81 | 9.20 | 9.31 | 9.78 | 9.81 | 9.81 | 1.02 | down | 8.47E-01 | 9.95E-01 | | | |
| 1372789_at | Zfp673 | zinc finger protein 637 | 362425 | ... | BF397881 | 3.77 | 3.71 | 3.66 | 3.72 | 3.24 | 3.40 | 3.02 | 3.02 | 1.02 | up | 9.15E-01 | 9.75E-01 | | | |
| 1372789_at | ... | ... | ... | ... | RN155568 | NM_155568 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 1.02 | down | 2.53E-01 | 8.95E-01 | | | |
| 1369299_at | ... | ... | ... | ... | ... | AB39471 | 2.43 | 2.35 | 2.36 | 2.34 | 2.36 | 2.33 | 2.33 | 1.02 | down | 2.39E-01 | 8.95E-01 | | | |
| 1369446_at | ... | ... | ... | ... | BF402271 | 2.59 | 2.58 | 2.68 | 2.57 | 2.60 | 2.53 | 2.53 | 2.53 | 1.02 | down | 4.95E-01 | 8.95E-01 | | | |
| 1373109_at | Mac27 | mitogen activated protein kinase kinase 7 | 363555 | ... | BQ9417 | 3.30 | 3.19 | 3.20 | 3.19 | 3.20 | 3.12 | 3.12 | 3.12 | 1.02 | down | 6.82E-01 | 8.95E-01 | | | |
| 1369196_at | Gpy3 | pancreatic polypeptide 3 | 24877 | ... | RN10726 | 2.49 | 2.45 | 2.56 | 2.47 | 2.48 | 2.45 | 2.45 | 2.45 | 1.02 | down | 3.68E-01 | 8.95E-01 | | | |
| 1369196_at | ... | ... | ... | ... | RN10874 | NM_10874 | 2.49 | 2.48 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.02 | down | 2.12E-01 | 8.95E-01 | | | |
| 1369645_at | ... | ... | ... | ... | ... | ... | 2.39 | 2.37 | 2.39 | 2.38 | 2.51 | 2.36 | 2.36 | 1.02 | up | 5.07E-01 | 8.95E-01 | | | |
| 1378623_at | RD1309482 | similar to chromosome 10 open reading frame 4; similar to putative acid phosphatase 5; 5-hydroxytryptamine (serotonin) receptor 2C | 365458 | ... | RN23654 | BF40498 | 4.72 | 4.72 | 4.72 | 4.72 | 4.73 | 4.73 | 4.73 | 1.02 | down | 3.02E-01 | 8.95E-01 | | | |
| 1368680_a_at | Hv2c | matrix metalloproteinase 15 | 21587 | ... | ... | U33151 | 2.30 | 2.30 | 2.34 | 2.32 | 2.35 | 2.29 | 2.29 | 1.02 | down | 4.42E-01 | 8.95E-01 | | | |
| 1368680_a_at | Mmp15 | matrix metalloproteinase 15 | 21587 | ... | RN16543 | AB97466 | 2.45 | 2.44 | 2.58 | 2.45 | 2.48 | 2.43 | 2.43 | 1.02 | down | 4.86E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | RN17193 | BF412993 | 4.65 | 4.61 | 4.65 | 4.65 | 4.65 | 4.65 | 4.65 | 1.02 | down | 5.17E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.78 | 2.78 | 2.74 | 2.68 | 2.54 | 2.49 | 2.49 | 1.02 | down | 6.38E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 10.81 | 11.73 | 10.25 | 11.73 | 12.38 | 11.73 | 11.73 | 1.02 | down | 12.02E-01 | 9.45E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 1.02 | down | 4.63E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.35 | 2.33 | 2.44 | 2.34 | 2.35 | 2.32 | 2.32 | 1.02 | down | 3.78E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 5.60 | 5.54 | 5.74 | 5.61 | 5.53 | 5.53 | 5.53 | 1.02 | down | 7.45E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.83 | 2.79 | 2.94 | 2.81 | 2.88 | 2.78 | 2.78 | 1.02 | down | 5.48E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.62 | 2.65 | 2.62 | 2.65 | 2.65 | 2.65 | 2.65 | 1.02 | down | 2.91E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.57 | 2.57 | 2.57 | 2.51 | 2.55 | 2.47 | 2.47 | 1.02 | down | 3.75E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.58 | 2.54 | 2.67 | 2.55 | 2.63 | 2.51 | 2.51 | 1.02 | down | 5.26E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.02 | down | 5.82E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.53 | 2.40 | 2.42 | 2.42 | 2.42 | 2.41 | 2.41 | 1.02 | down | 4.46E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.57 | 2.50 | 2.54 | 2.50 | 2.51 | 2.50 | 2.50 | 1.02 | down | 1.81E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 6.04 | 6.05 | 6.01 | 6.01 | 6.01 | 6.01 | 6.01 | 1.02 | down | 9.17E-01 | 9.75E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.48 | 2.47 | 2.48 | 2.47 | 2.49 | 2.43 | 2.43 | 1.02 | down | 2.66E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.78 | 2.69 | 2.87 | 2.69 | 2.87 | 2.69 | 2.69 | 1.02 | down | 6.45E-01 | 9.05E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.68 | 2.63 | 2.64 | 2.62 | 2.64 | 2.52 | 2.52 | 1.02 | down | 4.94E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 8.54 | 7.87 | 8.10 | 8.17 | 8.17 | 8.17 | 8.17 | 1.02 | down | 9.45E-01 | 9.84E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.02 | down | 1.02E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 2.37 | 2.37 | 1.02 | up | 3.86E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 5.85 | 5.35 | 5.72 | 5.06 | 5.02 | 5.02 | 5.02 | 1.02 | up | 9.70E-01 | 9.91E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 2.50 | 2.45 | 2.60 | 2.50 | 2.51 | 2.44 | 2.44 | 1.02 | down | 6.70E-01 | 8.95E-01 | | | |
| 1368680_a_at | ... | ... | ... | ... | ... | ... | 3.16 | 3.48 | 3.72 | 3.63 | 3.35 | 3.49 | 3.49 | 1.02 | up | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRA Intensities (log2) | | | | | | FCRAhouse | Residual | Unpaired t-test Cts vs CH (log2) | REG | MTC |
|--------------|-----------------------|---|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|----------|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | | | | | |
| 1371275_at | --- | --- | --- | --- | X77818 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.43 | 1.02 | down | 1.76E-01 | 8.95E-01 | --- |
| 1380006_at | --- | --- | --- | Rn_1210395 | BF404346 | 2.87 | 2.70 | 2.62 | 2.73 | 2.76 | 2.59 | 1.02 | down | 7.47E-01 | 9.18E-01 | --- |
| 1381151_at | --- | --- | --- | Rn_204455 | BF104526 | 2.40 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 1.02 | down | 3.82E-01 | 8.95E-01 | --- |
| 1381313_at | --- | --- | --- | --- | Bf249355 | 2.32 | 2.30 | 2.40 | 2.31 | 2.31 | 2.30 | 1.02 | down | 3.82E-01 | 8.95E-01 | --- |
| 1382021_at | --- | --- | --- | --- | A015458 | 2.54 | 2.54 | 2.48 | 2.54 | 2.48 | 2.54 | 1.02 | down | 4.16E-01 | 8.95E-01 | --- |
| 1392695_at | Seqp2 | SUMO1/leontin/SMT3 specific protease | 78973 | Rn_93967 | NM_023989 | 3.11 | 3.27 | 3.37 | 3.27 | 2.99 | 3.21 | 1.02 | up | 8.86E-01 | 9.95E-01 | --- |
| 1391883_at | Shp1 | WW domain-containing oxidoreductase | 292041 | Rn_158117 | Bf265022 | 3.78 | 3.77 | 3.79 | 3.78 | 3.79 | 3.87 | 1.02 | up | 3.96E-01 | 8.95E-01 | --- |
| 1391897_at | Shp2 | WW domain-containing oxidoreductase | 292041 | Rn_158117 | Bf265022 | 3.78 | 3.77 | 3.79 | 3.78 | 3.79 | 3.87 | 1.02 | up | 3.96E-01 | 8.95E-01 | --- |
| 1383755_at | Fkbp15 | FK506 binding protein 15 | 362528 | Rn_163820 | AW918485 | 2.34 | 2.40 | 2.35 | 2.33 | 2.34 | 2.33 | 1.02 | down | 1.81E-01 | 8.95E-01 | --- |
| 1381917_at | Fkbp12a | phosphatidylinositol-5-phosphate 4-kinase, type II, alpha | 116723 | Rn_24177 | BF524442 | 2.94 | 3.10 | 3.10 | 3.10 | 3.10 | 2.76 | 1.02 | down | 8.86E-01 | 9.07E-01 | --- |
| 1378831_1_at | --- | --- | --- | Rn_156969 | BF524442 | 2.94 | 3.10 | 3.10 | 3.10 | 3.10 | 2.76 | 1.02 | down | 3.77E-01 | 8.95E-01 | --- |
| 1388083_4_at | Casp9 | caspace 9, apoptosis-related cysteine peptidase | 58818 | Rn_32199 | AY008275 | 2.51 | 2.39 | 2.45 | 2.43 | 2.43 | 2.40 | 1.02 | down | 4.27E-01 | 8.95E-01 | --- |
| 1388144_at | Bfsp1 | basoid filament structural protein 1, fibronin | 23294 | Rn_97395 | A175339 | 2.39 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.02 | down | 3.79E-01 | 8.95E-01 | --- |
| 1380883_at | --- | --- | --- | Rn_14588 | BF386294 | 2.78 | 2.46 | 2.50 | 2.45 | 2.50 | 2.70 | 1.02 | down | 8.14E-01 | 9.40E-01 | --- |
| 1372047_at | ROD1563136 | similar to Cystatin-related protein 2 precursor (Prostatic 22 kDa glycoprotein P) | 296230 | Rn_198854 | Bf285980 | 2.58 | 2.54 | 2.66 | 2.58 | 2.61 | 2.50 | 1.02 | down | 5.42E-01 | 8.95E-01 | --- |
| 1370421_at | Pf6a1 | proctin family 6, sulfamidase A, member 1 | 24657 | Rn_54428 | M11155 | 2.37 | 2.36 | 2.45 | 2.36 | 2.38 | 2.34 | 1.02 | down | 3.48E-01 | 8.95E-01 | --- |
| 1370812_at | Nrmt | nicotinamide N-methyltransferase | 300991 | Rn_15755 | A111727 | 2.48 | 2.40 | 2.44 | 2.41 | 2.42 | 2.39 | 1.02 | down | 3.32E-01 | 8.95E-01 | --- |
| 1377330_at | --- | --- | --- | Rn_209663 | BF382268 | 2.42 | 2.41 | 2.44 | 2.42 | 2.54 | 2.41 | 1.02 | down | 4.88E-01 | 8.95E-01 | --- |
| 1378738_at | Sidc5 | potassium voltage-gated channel, shaker-related subfamily, beta member 1 | 29737 | Rn_32090 | BE098754 | 2.47 | 2.46 | 2.63 | 2.47 | 2.49 | 2.50 | 1.02 | down | 5.94E-01 | 8.95E-01 | --- |
| 1380200_at | --- | --- | --- | Rn_110505 | NM_029883 | 2.37 | 2.29 | 2.30 | 2.29 | 2.29 | 2.28 | 1.02 | down | 3.04E-01 | 8.95E-01 | --- |
| 1379795_at | --- | --- | --- | Rn_73068 | BE101062 | 2.54 | 2.47 | 2.49 | 2.48 | 2.48 | 2.63 | 1.02 | up | 5.97E-01 | 8.95E-01 | --- |
| 1372235_at | --- | --- | --- | Rn_162206 | BE104709 | 2.38 | 2.35 | 2.42 | 2.35 | 2.38 | 2.35 | 1.02 | down | 2.15E-01 | 8.95E-01 | --- |
| 1382935_at | Icam2 | intercellular adhesion molecule 2 | 360647 | Rn_162206 | BE104709 | 2.38 | 2.35 | 2.42 | 2.35 | 2.38 | 2.35 | 1.02 | down | 2.15E-01 | 8.95E-01 | --- |
| 1387855_at | Sic2a2 | solute carrier family 28 (nucleoside transporters), member 2 | 65194 | Rn_37517 | NM_031738 | 2.27 | 2.25 | 2.27 | 2.27 | 2.27 | 2.35 | 1.02 | up | 3.23E-01 | 8.95E-01 | --- |
| 1370493_2_at | OC690948 // LOC690948 | leucocyte immunoglobulin-like receptor, subfamily B with TM and ITIM domain 1 | --- | Rn_198480 | A1769837 | 2.56 | 2.54 | 2.61 | 2.55 | 2.57 | 2.49 | 1.02 | down | 3.72E-01 | 8.95E-01 | --- |
| 1382095_at | --- | --- | --- | Rn_203963 | AW918106 | 2.51 | 2.50 | 2.54 | 2.64 | 2.52 | 2.48 | 1.02 | up | 5.53E-01 | 8.95E-01 | --- |
| 1399964_at | --- | --- | --- | Rn_148750 | BE109227 | 2.38 | 2.41 | 2.38 | 2.39 | 2.51 | 2.37 | 1.02 | up | 5.34E-01 | 8.95E-01 | --- |
| 1371073_at | Bq4g11 | UDP-Gal-beta-D-GlcNAc beta 1-4-galactosyltransferase, polypeptide 1 | 24390 | Rn_17157 | Bf28141 | 2.60 | 2.54 | 2.56 | 2.56 | 2.56 | 2.68 | 1.02 | down | 5.14E-01 | 8.95E-01 | --- |
| 1374901_at | --- | --- | --- | Rn_176534 | Bf28141 | 2.37 | 2.37 | 2.42 | 2.52 | 2.38 | 2.36 | 1.02 | up | 5.73E-01 | 8.95E-01 | --- |
| 1377455_at | --- | --- | --- | Rn_164721 | BE106226 | 2.66 | 2.64 | 2.68 | 2.65 | 2.69 | 2.70 | 1.02 | up | 9.56E-02 | 8.95E-01 | --- |
| 1373398_at | Spq3 | signal peptide peptidase 3 | 360822 | Rn_50777 | Bf278290 | 5.81 | 6.10 | 6.46 | 5.84 | 6.56 | 6.17 | 1.02 | up | 9.33E-01 | 8.95E-01 | --- |
| 1383213_at | Eps8 | epidermal growth factor receptor pathway substrate 8 | 131212 | Rn_123699 | BF393811 | 2.72 | 2.81 | 2.88 | 2.80 | 2.82 | 2.88 | 1.02 | up | 9.07E-01 | 9.11E-01 | --- |
| 1383213_at | --- | --- | --- | Rn_204751 | AW52596 | 2.62 | 2.64 | 2.64 | 2.64 | 2.64 | 2.64 | 1.02 | down | 2.84E-01 | 8.95E-01 | --- |
| 1396311_at | MGCL116202 | hypothetical protein LOC887836 | 668736 | Rn_72979 | BE074511 | 2.67 | 2.64 | 2.74 | 2.65 | 2.69 | 2.62 | 1.02 | down | 4.23E-01 | 8.95E-01 | --- |
| 1386897_at | Fatp9 | fatty acid binding protein 6, fetal | 25440 | Rn_10008 | NM_170988 | 2.56 | 2.54 | 2.63 | 2.54 | 2.58 | 2.51 | 1.02 | down | 4.10E-01 | 8.95E-01 | --- |
| 1384629_at | Siva1 | SHV1, apoptosis-inducing factor | 362791 | Rn_23843 | A071533 | 2.38 | 2.37 | 2.38 | 2.38 | 2.39 | 2.46 | 1.02 | up | 2.61E-01 | 8.95E-01 | --- |
| 1387545_at | Hsp91 | heat shock protein 90 class B class 1 | 110728 | Rn_81074 | BF103826 | 2.48 | 2.48 | 2.49 | 2.48 | 2.47 | 2.48 | 1.02 | down | 3.72E-01 | 8.95E-01 | --- |
| 1389121_2_at | Sic1a2 | solute carrier family 19 (folate transporters), member 1 | 29723 | Rn_9042 | NM_017299 | 7.67 | 7.30 | 7.56 | 7.52 | 7.01 | 7.00 | 1.02 | down | 9.16E-01 | 9.75E-01 | --- |
| 1391998_at | Phf201 | PHD finger protein 20-like 1 | 314964 | Rn_22288 | BE107625 | 2.44 | 2.35 | 2.37 | 2.36 | 2.37 | 2.34 | 1.02 | down | 3.36E-01 | 8.95E-01 | --- |
| 1371751_at | --- | --- | --- | Rn_63071 | BF409377 | 2.40 | 2.40 | 2.49 | 2.40 | 2.40 | 2.38 | 1.02 | down | 2.40E-01 | 8.95E-01 | --- |
| 1388066_at | --- | --- | --- | Rn_60868 | BE103048 | 2.56 | 2.48 | 2.55 | 2.54 | 2.61 | 2.53 | 1.02 | up | 4.30E-01 | 8.95E-01 | --- |
| 1381308_at | --- | --- | --- | Rn_33994 | A172180 | 2.44 | 2.41 | 2.45 | 2.41 | 2.58 | 2.40 | 1.02 | up | 6.24E-01 | 8.95E-01 | --- |
| 1380409_at | --- | --- | --- | Rn_172769 | BF413405 | 2.52 | 2.51 | 2.52 | 2.52 | 2.51 | 2.52 | 1.02 | down | 6.02E-01 | 8.95E-01 | --- |
| 1392011_at | --- | --- | --- | Rn_63125 | BM384514 | 2.47 | 2.48 | 2.52 | 2.63 | 2.45 | 2.49 | 1.02 | up | 6.03E-01 | 8.95E-01 | --- |
| 1385932_at | --- | --- | --- | Rn_55234 | AB87589 | 2.41 | 2.40 | 2.49 | 2.41 | 2.48 | 2.51 | 1.02 | down | 6.03E-01 | 8.95E-01 | --- |
| 1384550_at | Nckap11 | NG2 associated protein 1 like | 315348 | Rn_14002 | BM388889 | 2.56 | 2.54 | 2.54 | 2.56 | 2.67 | 2.54 | 1.02 | up | 4.89E-01 | 8.95E-01 | --- |
| 1389332_at | --- | --- | --- | Rn_19202 | BF283404 | 3.62 | 4.24 | 3.24 | 3.80 | 3.68 | 3.63 | 1.02 | down | 9.22E-01 | 9.77E-01 | --- |
| 1378711_1_at | --- | --- | --- | Rn_11757 | Bf28141 | 2.61 | 2.61 | 2.61 | 2.61 | 2.61 | 2.61 | 1.02 | down | 3.81E-01 | 8.95E-01 | --- |
| 1389798_at | Atp12b | ATPase, Na+/K+ transporting, beta 2 polypeptide | 24214 | Rn_10624 | U45846 | 2.41 | 2.39 | 2.49 | 2.49 | 2.40 | 2.41 | 1.02 | down | 3.56E-01 | 8.95E-01 | --- |
| 1381548_at | Auz2 | 5-azacytidine induced 2 | 316051 | Rn_161972 | A046510 | 3.96 | 3.94 | 3.96 | 3.98 | 3.98 | 3.92 | 1.02 | down | 8.69E-01 | 9.59E-01 | --- |
| 1382713_at | Lta | lysotetraene derived growth factor 1 | 296830 | Rn_204930 | A1225665 | 2.41 | 2.41 | 2.49 | 2.41 | 2.49 | 2.49 | 1.02 | down | 3.25E-01 | 8.95E-01 | --- |
| 1398554_at | Atp9vb | ATPase, H+ transporting, lysosomal 12kDa, V0 domain 3 | 298451 | Rn_19803 | BE097687 | 2.35 | 2.35 | 2.68 | 2.35 | 2.59 | 3.82 | 1.02 | down | 8.29E-01 | 9.46E-01 | --- |
| 1398985_at | Gpd1 | glycosylphosphatidylinositol specific phosphatase D1 | 291132 | Rn_209965 | BE112388 | 2.37 | 2.38 | 2.46 | 2.37 | 2.38 | 2.35 | 1.02 | down | 3.72E-01 | 8.95E-01 | --- |
| 1383033_at | --- | --- | --- | Rn_18330 | N048300 | 2.93 | 3.41 | 2.78 | 2.81 | 2.92 | 3.24 | 1.02 | up | 1.70E-01 | 8.95E-01 | --- |
| 1381361_at | Nup1 | nucleotide binding protein specific | 147816 | Rn_147946 | BE119384 | 2.43 | 2.42 | 2.46 | 2.43 | 2.58 | 2.40 | 1.02 | up | 6.13E-01 | 8.95E-01 | --- |
| 1378659_at | Hmnp | heterogeneous nuclear ribonucleoprotein R | 298028 | Rn_13659 | BF393869 | 2.58 | 2.52 | 2.60 | 2.52 | 2.58 | 2.68 | 1.02 | down | 3.52E-01 | 8.95E-01 | --- |
| 1392025_at | --- | --- | --- | Rn_208737 | BF412070 | 2.46 | 2.43 | 2.50 | 2.43 | 2.44 | 2.45 | 1.02 | down | 2.41E-01 | 8.95E-01 | --- |
| 1379176_at | Rhnp1 | retinylidene phosphatase 1 homolog (human) | 681377 | Rn_15448 | BF398083 | 2.58 | 2.52 | 2.69 | 2.55 | 2.65 | 2.65 | 1.02 | down | 6.69E-01 | 9.00E-01 | --- |
| 1388681_at | Abc2 | ATP-binding cassette, sub-family A (ABC1), member 2 | 79248 | Rn_13115 | NM_124398 | 3.07 | 2.83 | 3.45 | 3.08 | 3.17 | 3.03 | 1.02 | down | 8.74E-01 | 9.81E-01 | --- |
| 1377440_at | Sike | suppressor of IKK epsilon | 362007 | Rn_9125 | A1178732 | 2.48 | 2.68 | 2.49 | 2.47 | 2.49 | 2.59 | 1.02 | down | 6.97E-01 | 9.07E-01 | --- |
| 1386178_at | --- | --- | --- | Rn_159844 | BF409377 | 2.41 | 2.41 | 2.46 | 2.41 | 2.46 | 2.46 | 1.02 | down | 2.42E-01 | 8.95E-01 | --- |
| 1386178_at | --- | --- | --- | Rn_133871 | AA799660 | 2.52 | 2.50 | 2.53 | 2.61 | 2.54 | 2.49 | 1.02 | up | 4.35E-01 | 8.95E-01 | --- |
| 1386313_2_at | Alkz2a | amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4 | 316412 | Rn_98599 | A027882 | 2.72 | 2.63 | 2.67 | 2.68 | 2.67 | 2.57 | 1.02 | down | 7.89E-01 | 9.32E-01 | --- |
| 1377117_at | --- | --- | --- | Rn_38178 | BF387878 | 5.41 | 6.12 | 5.90 | 5.92 | 6.02 | 5.92 | 1.02 | down | 8.14E-01 | 8.95E-01 | --- |
| 1386430_at | --- | --- | --- | Rn_839183 | 2.58 | 2.53 | 2.68 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test (Cis vs. Ctrl) (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | SEPA (Ca) | | | | | |
| 138322.at | Igf2 | insulin-like growth factor 2 | 24483 | N117960 | NI013051 | 2.49 | 2.54 | 2.50 | 2.49 | 2.49 | 2.46 | 1.02 | down | 2.12E-01 | 8.95E-01 | - | - | | | |
| 138323.at | Scgbl1a1 | secretoglobulin, family 1A, member 1 (uteroglycin) | 25575 | Rn.22208 | AF132116 | 2.43 | 2.43 | 2.40 | 2.43 | 2.44 | 2.40 | 1.02 | down | 3.24E-01 | 8.95E-01 | - | - | | | |
| 138324.at | Mil11 | myeloid/lymphoid or mixed-lineage leukemia (thrombospondin homolog, Drosophila) | 252624 | Rn.144837 | AA009661 | 2.31 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 1.02 | down | 2.27E-01 | 8.95E-01 | - | - | | | |
| 138325.at | Il6c2 | intermediate filament family cytochrome 2 | 641315 | Rn.203490 | AF110228 | 2.48 | 2.48 | 2.46 | 2.48 | 2.48 | 2.41 | 1.02 | down | 2.85E-01 | 8.95E-01 | - | - | | | |
| 138326.at | Ras9f1 | ras protein, member 9 | 498010 | Rn.89150 | NM_019355 | 2.38 | 2.36 | 2.34 | 2.37 | 2.38 | 2.36 | 1.02 | down | 3.14E-01 | 8.95E-01 | - | - | | | |
| 138327.at | Znf24 | zinc finger and BTB domain containing 24 | 365290 | Rn.19570 | NM_022218 | 2.52 | 2.52 | 2.50 | 2.52 | 2.52 | 2.50 | 1.02 | down | 3.74E-01 | 8.95E-01 | - | - | | | |
| 138328.at | Yuz2 | Yuz domain family, member 2 | 365297 | Rn.19570 | AF070489 | 2.48 | 2.39 | 2.42 | 2.41 | 2.41 | 2.38 | 1.02 | down | 3.42E-01 | 8.95E-01 | - | - | | | |
| 138329.at | Cyp21a1 | cytochrome P450, family 2, subfamily u, polypeptide 1 | 311317 | Rn.84989 | BF032187 | 2.39 | 2.38 | 2.35 | 2.37 | 2.37 | 2.30 | 1.02 | down | 1.48E-01 | 8.95E-01 | - | - | | | |
| 138330.at | RGD1311893 | hypothetical LOC228478 | 288478 | Rn.72071 | BE119655 | 2.41 | 2.41 | 2.42 | 2.41 | 2.41 | 2.41 | 1.02 | down | 4.12E-01 | 8.95E-01 | - | - | | | |
| 138331.at | Shna2 | strawberry notch homolog 2 (Drosophila) | 314619 | Rn.67287 | BF032695 | 2.50 | 2.41 | 2.44 | 2.42 | 2.44 | 2.41 | 1.02 | down | 3.41E-01 | 8.95E-01 | - | - | | | |
| 138332.at | Obg2 | chromogranin A | 24258 | Rn.41024 | NM_021655 | 2.44 | 2.42 | 2.44 | 2.43 | 2.44 | 2.40 | 1.02 | down | 3.03E-01 | 8.95E-01 | - | - | | | |
| 138333.at | Rb1 | retinoblastoma protein | 30748 | Rn.31300 | BC530414 | 2.36 | 2.36 | 2.35 | 2.37 | 2.36 | 2.36 | 1.02 | up | 4.39E-01 | 8.95E-01 | - | - | | | |
| 138334.at | Rb1 | retinoblastoma protein | 110749 | Rn.38954 | BI297118 | 2.77 | 2.75 | 2.80 | 2.88 | 2.78 | 2.75 | 1.02 | up | 5.19E-01 | 8.95E-01 | - | - | | | |
| 138335.at | Cox11 | COX11 homolog, cytochrome c oxidase assembly protein (yeast) | 609300 | Rn.19469 | AF071535 | 2.39 | 2.38 | 2.39 | 2.40 | 2.40 | 2.38 | 1.02 | up | 3.50E-01 | 8.95E-01 | - | - | | | |
| 138336.at | Zfp363b | zinc finger protein 363b | 311137 | Rn.34083 | AA819377 | 2.38 | 2.36 | 2.38 | 2.47 | 2.39 | 2.35 | 1.02 | down | 4.48E-01 | 8.95E-01 | - | - | | | |
| 138337.at | Gen2 | GTP binding protein (gene overexpressed in skeletal muscle) | 27902 | Rn.40438 | AF069972 | 2.51 | 2.51 | 2.54 | 2.50 | 2.53 | 2.44 | 1.02 | down | 3.61E-01 | 8.95E-01 | - | - | | | |
| 138338.at | Conz | conz domain family, member 2 | 114454 | Rn.13394 | AA989516 | 2.54 | 2.51 | 2.58 | 2.53 | 2.62 | 2.49 | 1.02 | down | 6.80E-01 | 8.95E-01 | - | - | | | |
| 138339.at | Yuz2 | Yuz domain family, member 2 | 365297 | Rn.84989 | BF032187 | 2.39 | 2.38 | 2.35 | 2.37 | 2.37 | 2.30 | 1.02 | down | 5.27E-01 | 8.95E-01 | - | - | | | |
| 138340.at | Yuz2 | Yuz domain family, member 2 | 365297 | Rn.19570 | AF070489 | 2.48 | 2.42 | 2.41 | 2.43 | 2.45 | 2.41 | 1.02 | down | 3.79E-01 | 8.95E-01 | - | - | | | |
| 138341.at | Rass5f | Ras association (RasGDS/AF-6) domain family member 5 | 54355 | Rn.36108 | AF002251 | 2.87 | 2.48 | 2.09 | 2.45 | 2.48 | 2.45 | 1.02 | down | 9.06E-01 | 9.71E-01 | - | - | | | |
| 138342.at | Odz2 | odd, odd/Oz/ten-m homolog 2 (Drosophila) | 117242 | Rn.208610 | BF402595 | 2.51 | 2.51 | 2.57 | 2.50 | 2.54 | 2.46 | 1.02 | down | 4.05E-01 | 8.95E-01 | - | - | | | |
| 138343.at | Omp | oligomeric protein | 24612 | Rn.9720 | NM_012816 | 2.34 | 2.33 | 2.35 | 2.34 | 2.44 | 2.32 | 1.02 | up | 5.03E-01 | 8.95E-01 | - | - | | | |
| 138344.at | Aep1 | AE binding protein | 305494 | Rn.37157 | BE126420 | 4.89 | 4.33 | 3.82 | 4.51 | 3.87 | 4.58 | 1.02 | down | 8.44E-01 | 9.84E-01 | - | - | | | |
| 138345.at | Dps2 | Dps2 domain containing 7 | 309451 | Rn.16494 | AF065277 | 2.39 | 2.34 | 2.40 | 2.36 | 2.39 | 2.34 | 1.02 | up | 2.99E-01 | 8.95E-01 | - | - | | | |
| 138346.at | Eftud2 | Elongation factor Tu GTP binding domain containing 2 | 287739 | Rn.62495 | AI03321 | 2.36 | 2.35 | 2.47 | 2.36 | 2.39 | 2.34 | 1.02 | down | 5.04E-01 | 8.95E-01 | - | - | | | |
| 138347.at | Vps33b | vacuolar protein sorting 33 homolog B (yeast) | 64060 | Rn.10661 | U35245 | 2.61 | 2.67 | 2.47 | 2.48 | 2.47 | 2.71 | 1.02 | down | 7.89E-01 | 9.30E-01 | - | - | | | |
| 138348.at | Notch4 | Notch homolog 4 (Drosophila) | 104612 | Rn.12987 | AF059986 | 2.42 | 2.42 | 2.43 | 2.42 | 2.52 | 2.42 | 1.02 | up | 4.19E-01 | 8.95E-01 | - | - | | | |
| 138349.at | Cited1 | Ctbp300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain | 64486 | Rn.8163 | AF104399 | 2.80 | 2.78 | 2.80 | 2.78 | 2.74 | 2.74 | 1.02 | down | 1.16E-01 | 8.95E-01 | - | - | | | |
| 138350.at | K16p14 | keratin associated protein 14 like | 363739 | Rn.12254 | BF548417 | 2.35 | 2.42 | 2.37 | 2.35 | 2.37 | 2.34 | 1.02 | down | 3.03E-01 | 8.95E-01 | - | - | | | |
| 138351.at | Hck3 | Hemodominant interacting protein kinase 3 | 520240 | Rn.8099 | AF136435 | 2.33 | 2.32 | 2.34 | 2.32 | 2.43 | 2.31 | 1.02 | up | 5.10E-01 | 8.95E-01 | - | - | | | |
| 138352.at | RGD156156 | similar to ceramide kinase-like | 309451 | Rn.21531 | BF281625 | 2.56 | 2.52 | 2.65 | 2.52 | 2.58 | 2.53 | 1.02 | down | 5.58E-01 | 8.95E-01 | - | - | | | |
| 138353.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138354.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138355.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138356.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138357.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138358.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138359.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138360.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138361.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138362.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138363.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138364.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138365.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138366.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138367.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138368.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138369.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138370.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138371.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138372.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138373.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138374.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138375.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138376.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138377.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138378.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138379.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138380.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138381.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138382.at | Kalm | kalirin, Rhogef kinase | 84009 | Rn.87882 | AF839313 | 2.82 | 2.57 | 2.62 | 2.72 | 2.62 | 2.59 | 1.02 | down | 7.54E-01 | 9.20E-01 | - | - | | | |
| 138383.at | Kalm</ | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | | FCRAhouse | Resuspension | Unpaired t-test C1a vs C1b (log2) | | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|------------------------|-----------|-------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|--------------|-----------------------------------|-----------|-----|-----|
| | | | | | | SEPS (C4) | SEPA (C4) | SEP | SEPP (C4) | SEPS (C5) | SEPA (C5) | SEP (C5) | SEPP (C5) | SEPS (C6) | SEPA (C6) | | | SEP (C6) | SEPP (C6) | | |
| 1386023_at | Oxal1 | question Q6 sulfhydryl oxidase 1 | 84491 | Rn.44920 | AB044285 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 1.02 | down | 9.50E-01 | 9.55E-01 | - | - |
| 1374356_at | Rof111 | ring finger protein 111 | 300813 | Rn.62537 | B030764 | 6.38 | 7.04 | 6.71 | 6.06 | 7.20 | 6.79 | 6.02 | 6.79 | 6.02 | 6.79 | 1.02 | down | 9.50E-01 | 9.55E-01 | - | - |
| 1386869_at | Akai2 | AKAP (PKA-anchoring) box polypeptide 2 | 62425 | Rn.122094 | U051123 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 1.02 | down | 9.50E-01 | 9.55E-01 | - | - |
| 1396548_at | --- | --- | --- | --- | Rn.161438 | BF388530 | 2.47 | 2.44 | 2.47 | 2.46 | 2.45 | 2.41 | 2.42 | 2.41 | 2.42 | 1.02 | down | 1.75E-01 | 8.95E-01 | - | - |
| 1396833_at | --- | --- | --- | --- | Rn.48417 | AW515611 | 2.46 | 2.46 | 2.45 | 2.46 | 2.45 | 2.46 | 2.45 | 2.46 | 2.45 | 1.02 | down | 3.63E-01 | 8.95E-01 | - | - |
| 1396424_at | --- | --- | --- | --- | --- | A123317 | 2.39 | 2.37 | 2.37 | 2.47 | 2.38 | 2.40 | 2.37 | 2.40 | 1.02 | down | 4.49E-01 | 8.95E-01 | - | - | |
| 1369679_at | Slc2 | stannocalcin 2 | 63878 | Rn.44823 | NM_022230 | 2.37 | 2.39 | 2.39 | 2.39 | 2.38 | 2.37 | 2.34 | 2.32 | 2.34 | 1.02 | down | 7.43E-02 | 8.95E-01 | - | - | |
| 1370707_at | Itih1 | inhibitor 1, 4,5-hydroxylase receptor, type 1 | 25262 | Rn.21135 | Rn.21135 | 4.05 | 4.15 | 4.15 | 4.08 | 4.15 | 4.15 | 4.05 | 4.15 | 4.05 | 1.02 | down | 8.45E-01 | 8.95E-01 | - | - | |
| 1387788_at | Junb | jun B proto-oncogene | 24517 | Rn.15906 | NM_021836 | 2.66 | 2.58 | 2.59 | 2.59 | 2.59 | 2.59 | 2.58 | 2.58 | 2.59 | 1.02 | down | 3.16E-01 | 8.95E-01 | - | - | |
| 1386262_at | Lepr | leptin receptor | 24536 | Rn.15906 | AF07818 | 2.40 | 2.45 | 2.40 | 2.45 | 2.40 | 2.45 | 2.40 | 2.45 | 2.40 | 1.02 | down | 3.16E-01 | 8.95E-01 | - | - | |
| 1396633_at | --- | --- | --- | --- | Rn.170947 | BM35264 | 2.41 | 2.41 | 2.40 | 2.49 | 2.41 | 2.41 | 2.40 | 2.41 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1390194_at | --- | --- | --- | --- | Rn.58133 | B126401 | 2.48 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 1.02 | up | 7.75E-01 | 9.27E-01 | - | - | |
| 1396490_at | --- | --- | --- | --- | Rn.103868 | B030370 | 2.62 | 2.59 | 2.64 | 2.60 | 2.59 | 2.58 | 2.58 | 2.58 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1393716_at | Slc39f1 | solute carrier family 35, member F1 | 502421 | Rn.85970 | BE104555 | 2.41 | 2.43 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 1.02 | down | 9.72E-01 | 9.92E-01 | - | - | |
| 1387070_at | Gpd2 | glycerol 3-phosphate dehydrogenase 2, mitochondrial | 25062 | Rn.89705 | U08227 | 4.55 | 6.61 | 4.80 | 5.18 | 5.08 | 5.63 | 5.02 | 5.63 | 5.02 | 1.02 | down | 9.71E-01 | 9.92E-01 | - | - | |
| 1376591_at | Ddcl1 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 1 | 317389 | Rn.15332 | A117827 | 6.13 | 6.44 | 6.44 | 6.19 | 6.28 | 6.44 | 6.59 | 6.44 | 6.59 | 1.02 | down | 9.52E-01 | 9.95E-01 | - | - | |
| RGD130737 | --- | --- | --- | --- | Rn.194901 | BF408798 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 2.32 | 2.32 | 1.02 | up | 5.14E-01 | 8.95E-01 | - | - | |
| 1387741_at | Chnna2 | cholinergic receptor, nicotinic, alpha 2 (neuronal) | 170945 | Rn.87113 | R027070 | 4.02 | 3.85 | 3.85 | 3.85 | 3.85 | 3.86 | 3.92 | 3.86 | 3.92 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1378306_at | --- | --- | --- | --- | Rn.87113 | NM_153420 | 2.42 | 2.44 | 2.43 | 2.42 | 2.40 | 2.41 | 2.40 | 2.41 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1369632_at | Prkac2 | protein kinase receptor 2 | 192649 | Rn.82760 | BE112843 | 2.82 | 2.79 | 2.83 | 2.82 | 2.84 | 2.77 | 2.82 | 2.77 | 2.82 | 1.02 | up | 6.46E-01 | 8.95E-01 | - | - | |
| 1373762_at | --- | --- | --- | --- | Rn.103868 | NM_138978 | 2.43 | 2.36 | 2.38 | 2.36 | 2.38 | 2.35 | 2.35 | 2.35 | 1.02 | down | 3.13E-01 | 8.95E-01 | - | - | |
| 1375866_at | Mmrn2 | mullerlinn 2 | 360268 | Rn.219773 | BE082626 | 2.43 | 2.41 | 2.52 | 2.42 | 2.46 | 2.41 | 2.42 | 2.40 | 2.42 | 1.02 | down | 5.05E-01 | 8.95E-01 | - | - | |
| 1369232_at | Kom2d | potassium channel, subfamily K, member 10 | 65272 | Rn.53989 | A1159965 | 2.40 | 2.40 | 2.45 | 2.45 | 2.39 | 2.39 | 2.47 | 2.40 | 2.47 | 1.02 | down | 3.11E-01 | 8.95E-01 | - | - | |
| 1388556_at | Stxb | syntaxin 6 | 60562 | Rn.100217 | BC381589 | 4.89 | 4.79 | 4.80 | 4.81 | 4.42 | 4.97 | 4.87 | 4.97 | 4.87 | 1.02 | down | 8.95E-01 | 8.97E-01 | - | - | |
| 1372104_at | --- | --- | --- | --- | Rn.103868 | BF280002 | 7.13 | 7.29 | 7.57 | 7.09 | 6.89 | 7.94 | 7.09 | 6.89 | 7.94 | 1.02 | down | 9.45E-01 | 9.84E-01 | - | - |
| 1394772_at | Pknox | protein kinase, cAMP dependent, catalytic, beta | 293508 | Rn.202491 | BF409007 | 5.13 | 4.98 | 6.13 | 4.90 | 5.25 | 6.02 | 6.02 | 6.02 | 6.02 | 1.02 | down | 9.61E-01 | 9.85E-01 | - | - | |
| 1383453_at | Ohn1 | olfactomedin-like 1 | 361621 | Rn.22729 | AA641656 | 9.83 | 9.49 | 9.92 | 9.85 | 9.46 | 9.85 | 10.02 | 9.46 | 9.85 | 1.02 | down | 8.96E-01 | 9.67E-01 | - | - | |
| 1386890_at | LOC89322 | similar to Transcriptional enhancer factor TEF-3 (TEA domain family member) | 68502 | --- | BF389379 | 2.32 | 2.31 | 2.37 | 2.31 | 2.31 | 2.29 | 2.31 | 2.29 | 2.31 | 1.02 | down | 2.68E-01 | 8.95E-01 | - | - | |
| 1388502_at | --- | --- | --- | --- | Rn.168061 | A1556780 | 2.51 | 2.49 | 2.55 | 2.50 | 2.49 | 2.48 | 2.48 | 2.48 | 1.02 | down | 1.96E-01 | 8.95E-01 | - | - | |
| 1387032_at | Atg17 | Rho GTPase activating protein 17 | 63994 | Rn.64581 | NM_122244 | 8.49 | 7.86 | 7.73 | 7.62 | 7.62 | 7.96 | 7.96 | 7.96 | 7.96 | 1.02 | down | 9.53E-01 | 9.86E-01 | - | - | |
| 1382879_at | Tox3 | TOX high mobility group box family member 3 | 291908 | Rn.41060 | BE107685 | 2.37 | 2.35 | 2.42 | 2.35 | 2.37 | 2.35 | 2.32 | 2.35 | 2.32 | 1.02 | down | 3.25E-01 | 8.95E-01 | - | - | |
| RGD156070 | --- | --- | --- | --- | Rn.143988 | BE103356 | 2.46 | 2.46 | 2.47 | 2.47 | 2.51 | 2.43 | 2.43 | 2.43 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1371971_at | LOC816622 | similar to DNA segment, Chr. 18, Wayne State University, ER, expressed | 498890 | Rn.98561 | A159676 | 5.83 | 6.39 | 6.00 | 6.02 | 6.52 | 5.94 | 6.34 | 6.02 | 6.34 | 1.02 | up | 9.55E-01 | 9.87E-01 | - | - | |
| 1391301_at | H2bm1 | H2bm1 histone cluster 1, H2bm1 or similar to H2b histone family, member T | 361247 | Rn.162344 | AA697499 | 2.63 | 2.57 | 2.73 | 2.60 | 2.69 | 2.56 | 2.60 | 2.56 | 2.60 | 1.02 | down | 8.95E-01 | 9.04E-01 | - | - | |
| 1388714_at | Prkac2 | protein kinase, cAMP dependent, catalytic, beta | 293508 | Rn.219773 | NM_153420 | 2.42 | 2.40 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1388545_at | --- | --- | --- | --- | Rn.16823 | B103747 | 2.50 | 2.48 | 2.52 | 2.47 | 2.48 | 2.46 | 2.46 | 2.46 | 1.02 | down | 2.10E-01 | 8.95E-01 | - | - | |
| 1384450_at | --- | --- | --- | --- | Rn.16823 | BE103747 | 2.50 | 2.48 | 2.52 | 2.47 | 2.48 | 2.46 | 2.46 | 2.46 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1379214_at | --- | --- | --- | --- | Rn.45543 | AW523029 | 2.58 | 2.54 | 2.65 | 2.56 | 2.62 | 2.50 | 2.62 | 2.50 | 1.02 | down | 6.20E-01 | 8.95E-01 | - | - | |
| 1376209_at | 87237 | similar to CG17880-PA1 similar to hypothetical protein supported by AL4492315166 687237 | Rn.205491 | --- | GC686208 | 10.33 | 10.59 | 10.44 | 10.28 | 10.50 | 10.67 | 10.50 | 10.67 | 10.50 | 1.02 | down | 8.95E-01 | 8.98E-01 | - | - | |
| 1380049_at | --- | --- | --- | --- | Rn.110989 | AA64644 | 2.79 | 2.77 | 3.01 | 2.79 | 2.78 | 2.78 | 2.78 | 2.78 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1386160_at | Tohh | Trochocyanin | 42981 | Rn.42981 | BE39401 | 2.46 | 2.45 | 2.49 | 2.45 | 2.46 | 2.41 | 2.42 | 2.41 | 2.42 | 1.02 | down | 2.69E-01 | 8.95E-01 | - | - | |
| 1376700_at | --- | --- | --- | --- | Rn.43951 | A1174472 | 3.27 | 3.19 | 3.20 | 3.19 | 3.36 | 3.19 | 3.20 | 3.19 | 1.02 | up | 7.01E-01 | 9.07E-01 | - | - | |
| 1389704_at | --- | --- | --- | --- | Rn.161746 | AA65993 | 4.60 | 4.34 | 4.64 | 4.34 | 4.61 | 4.34 | 4.61 | 4.34 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1382290_at | Mei10 | methyltransferase like 10 | 54269 | Rn.57442 | BF391251 | 2.43 | 2.43 | 2.46 | 2.43 | 2.43 | 2.38 | 2.46 | 2.38 | 2.46 | 1.02 | down | 2.62E-01 | 8.95E-01 | - | - | |
| 1396623_at | Chnna2 | cholinergic receptor, nicotinic, beta 4 | 25103 | Rn.9695 | AA546007 | 2.57 | 2.53 | 2.62 | 2.55 | 2.58 | 2.51 | 2.62 | 2.51 | 2.62 | 1.02 | down | 4.82E-01 | 8.95E-01 | - | - | |
| 1370412_at | Trmb1 | tropomyosin T, type 1 (skeletal, beta 4) | 171409 | Rn.13948 | BF398774 | 2.42 | 2.41 | 2.42 | 2.41 | 2.43 | 2.39 | 2.42 | 2.39 | 2.42 | 1.02 | down | 3.96E-01 | 8.95E-01 | - | - | |
| 1376204_at | --- | --- | --- | --- | Rn.13948 | AA65978 | 5.20 | 4.82 | 5.24 | 4.82 | 5.24 | 5.83 | 5.24 | 5.83 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1369534_at | I11 | interleukin 11 | 171040 | Rn.19483 | NM_133519 | 2.52 | 2.51 | 2.58 | 2.51 | 2.52 | 2.49 | 2.52 | 2.49 | 2.52 | 1.02 | down | 3.28E-01 | 8.95E-01 | - | - | |
| 1388711_at | Itih1 | inhibitor 1, 4,5-hydroxylase receptor, type 1 | 25262 | Rn.81710 | BF280002 | 6.03 | 5.96 | 6.28 | 5.97 | 5.76 | 6.02 | 6.02 | 6.02 | 6.02 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1392700_at | --- | --- | --- | --- | Rn.207443 | BE104334 | 2.53 | 2.53 | 2.58 | 2.52 | 2.55 | 2.47 | 2.52 | 2.47 | 1.02 | down | 3.83E-01 | 8.95E-01 | - | - | |
| 1392759_at | Trem2 | triggering receptor expressed on myeloid cells 2 | 301227 | Rn.106975 | A1176732 | 2.31 | 2.30 | 2.32 | 2.30 | 2.39 | 2.30 | 2.32 | 2.30 | 2.32 | 1.02 | up | 4.46E-01 | 8.95E-01 | - | - | |
| 1370590_at | --- | --- | --- | --- | Rn.110381 | AA657450 | 2.56 | 2.63 | 2.57 | 2.56 | 2.63 | 2.57 | 2.63 | 2.57 | 1.02 | down | 8.95E-01 | 8.95E-01 | - | - | |
| 1397715_at | --- | --- | --- | --- | Rn.209550 | A1176475 | 2.38 | 2.37 | 2.43 | 2.38 | 2.39 | 2.34 | 2.39 | 2.34 | 1.02 | down | 3.17E-01 | 8.95E-01 | - | - | |
| 1394427_at | --- | --- | --- | --- | Rn.103868 | AA798116 | 4.08 | 3.55 | 4.50 | 4.07 | 4.16 | 3.82 | 4.02 | 3.82 | 4.02 | 1.02 | down | 9.55E-01 | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRMA Intensities (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test Csis vs Ctl (p-values) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|--------------------------|------------|------------|------------|------------|------------|-----------|----------|--|----------|-----|
| | | | | | | SEPS (Cis) | SEPA (Cis) | SEPB (Cis) | SEPC (Cis) | SEPD (Cis) | SEPE (Cis) | | | | | |
| 1391859_at | --- | --- | --- | --- | Bi21444 | 2.47 | 2.46 | 2.50 | 2.46 | 2.47 | 2.43 | 1.02 | down | 2.64E-01 | 9.95E-01 | --- |
| 1375046_at | Ncad | NAC surface domain containing | 289786 | Rn.165349 | AA64881 | 2.47 | 2.46 | 2.55 | 2.47 | 2.49 | 2.46 | 1.02 | down | 4.67E-01 | 9.95E-01 | --- |
| 1373070_at | --- | --- | --- | Rn.172048 | AA06379 | 2.56 | 2.56 | 2.76 | 2.56 | 2.64 | 2.56 | 1.02 | down | 9.84E-01 | 9.90E-01 | --- |
| 1356499_at | Ankrd | ankyrin repeat domain 13 family member D | 361699 | Rn.157074 | AA06379 | 2.56 | 2.59 | 2.76 | 2.56 | 2.64 | 2.56 | 1.02 | down | 3.81E-01 | 9.95E-01 | --- |
| 1391138_at | --- | --- | --- | Rn.162026 | BF41032 | 2.41 | 2.40 | 2.43 | 2.38 | 2.49 | 2.43 | 1.02 | up | 5.06E-01 | 9.95E-01 | --- |
| 1374275_at | Car11 | carbonic anhydrase 11 | 306888 | Rn.44281 | AV25212 | 2.49 | 2.49 | 2.49 | 2.59 | 2.49 | 2.48 | 1.02 | up | 5.34E-01 | 9.95E-01 | --- |
| 1392154_at | --- | --- | --- | Rn.211457 | BF41032 | 2.41 | 2.44 | 2.56 | 2.49 | 2.51 | 2.47 | 1.02 | down | 1.02E-01 | 9.95E-01 | --- |
| 138777_at | LOC500054 | similar to POT1-like telomere end-binding protein | 500054 | Rn.138054 | BF55774 | 2.62 | 2.66 | 2.65 | 2.61 | 2.64 | 2.60 | 1.02 | down | 2.66E-01 | 9.95E-01 | --- |
| 1397956_at | --- | --- | --- | --- | BF40478 | 2.44 | 2.48 | 2.69 | 2.60 | 2.60 | 2.52 | 1.02 | down | 7.66E-01 | 9.95E-01 | --- |
| 1396892_at | --- | --- | --- | --- | BF40478 | 2.44 | 2.43 | 2.51 | 2.44 | 2.46 | 2.41 | 1.02 | down | 4.53E-01 | 9.95E-01 | --- |
| 1397852_at | --- | --- | --- | Rn.20092 | BF413430 | 2.35 | 2.34 | 2.45 | 2.34 | 2.39 | 2.33 | 1.02 | down | 5.59E-01 | 9.95E-01 | --- |
| 1383843_at | DnaH7 | dyx1c1, axonemal, heavy polypeptide 7 | 259893 | Rn.202160 | AA017863 | 2.46 | 2.45 | 2.46 | 2.45 | 2.52 | 2.48 | 1.02 | up | 3.43E-01 | 9.95E-01 | --- |
| 1381804_at | BoBb | B-cell CLL/lymphoma 6, member B (zinc finger protein) | 360551 | Rn.137148 | BI20313 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.02 | up | 5.11E-01 | 9.95E-01 | --- |
| 1384276_at | LOC563458 | similar to procollagen, type IV, alpha 6 | 363458 | Rn.162588 | BI20344 | 2.50 | 2.48 | 2.58 | 2.49 | 2.53 | 2.47 | 1.02 | down | 5.26E-01 | 9.95E-01 | --- |
| 1398937_at | Ptsc4 | PTSC4 | 256119 | Rn.6934 | NM_013905 | 10.19 | 11.04 | 11.17 | 10.58 | 10.59 | 10.26 | 1.02 | down | 9.69E-01 | 9.95E-01 | --- |
| 1395974_at | --- | --- | --- | Rn.161314 | BF408259 | 2.41 | 2.42 | 2.46 | 2.41 | 2.41 | 2.40 | 1.02 | down | 1.79E-01 | 9.95E-01 | --- |
| 1371459_at | --- | --- | --- | Rn.221168 | BI038972 | 2.46 | 2.46 | 2.77 | 2.41 | 2.47 | 2.47 | 1.02 | up | 8.86E-01 | 9.95E-01 | --- |
| 1378361_at | Chuf7 | chromodomain helicase DNA binding protein 7 | 312974 | Rn.37783 | BF23626 | 3.53 | 3.24 | 2.41 | 2.94 | 2.95 | 2.91 | 1.02 | down | 9.44E-01 | 9.84E-01 | --- |
| 1368816_at | Mzp | myelin protein zero | 24564 | Rn.8997 | BC569096 | 2.37 | 2.36 | 2.44 | 2.37 | 2.37 | 2.36 | 1.02 | down | 3.96E-01 | 9.95E-01 | --- |
| 1399204_at | --- | --- | --- | --- | AI575429 | 2.43 | 2.43 | 2.46 | 2.43 | 2.54 | 2.42 | 1.02 | up | 5.81E-01 | 9.95E-01 | --- |
| 1391175_at | --- | --- | --- | Rn.207592 | BF400716 | 2.38 | 2.41 | 2.38 | 2.36 | 2.38 | 2.35 | 1.02 | down | 1.19E-01 | 9.95E-01 | --- |
| 1392442_at | --- | --- | --- | Rn.163591 | BI109886 | 2.45 | 2.44 | 2.53 | 2.44 | 2.46 | 2.45 | 1.02 | down | 4.52E-01 | 9.95E-01 | --- |
| 1373795_at | --- | --- | --- | Rn.207773 | BF103360 | 2.37 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.02 | down | 3.35E-01 | 9.95E-01 | --- |
| 1382557_at | --- | --- | --- | Rn.128495 | AA046491 | 2.54 | 2.53 | 2.57 | 2.52 | 2.55 | 2.51 | 1.02 | down | 2.10E-01 | 9.95E-01 | --- |
| 1390376_at | --- | --- | --- | Rn.168223 | BF407311 | 2.41 | 2.35 | 2.38 | 2.36 | 2.36 | 2.29 | 1.02 | down | 2.25E-01 | 9.95E-01 | --- |
| 1396549_at | KiK1 | killer cell lectin-like receptor subfamily K, member 1 | 24834 | Rn.14544 | NM_133512 | 2.46 | 2.51 | 2.50 | 2.47 | 2.48 | 2.45 | 1.02 | down | 2.40E-01 | 9.95E-01 | --- |
| 1380105_at | Cdc123 | cell division cycle 123, homolog (S. cerevisiae) | 116656 | Rn.11096 | BE113021 | 6.29 | 6.80 | 6.25 | 6.06 | 6.17 | 7.04 | 1.02 | down | 9.49E-01 | 9.95E-01 | --- |
| 1370705_at | loc | loc | 64545 | Rn.168818 | AR021333 | 2.37 | 2.38 | 2.38 | 2.35 | 2.36 | 2.34 | 1.02 | down | 5.17E-02 | 9.95E-01 | --- |
| 1383294_at | --- | --- | --- | Rn.147831 | BF037258 | 2.40 | 2.47 | 2.40 | 2.40 | 2.40 | 2.39 | 1.02 | down | 3.36E-01 | 9.95E-01 | --- |
| 1382474_at | Col13a1 | collagen, type XIII, alpha 1 | 499431 | Rn.17586 | AA813747 | 3.12 | 2.65 | 2.71 | 3.09 | 2.76 | 2.70 | 1.02 | up | 9.05E-01 | 9.71E-01 | --- |
| 1385556_at | --- | --- | --- | Rn.473927 | AW552300 | 2.37 | 2.36 | 2.35 | 2.35 | 2.36 | 2.36 | 1.02 | down | 4.67E-01 | 9.95E-01 | --- |
| 1393355_at | LOC532247 | heat shock protein 90kDa alpha (cytosolic), class B member 1 // similar to hsp90 // 36 | 532247 | Rn.98667 | BC133367 | 2.63 | 2.64 | 2.67 | 2.64 | 2.63 | 2.60 | 1.02 | down | 2.54E-01 | 9.95E-01 | --- |
| 1381743_at | --- | --- | --- | --- | BF41032 | 2.41 | 2.45 | 2.25 | 2.25 | 2.24 | 2.24 | 1.02 | down | 1.02E-01 | 9.95E-01 | --- |
| 1390990_at | --- | --- | --- | Rn.168552 | BF408481 | 2.59 | 2.60 | 2.61 | 2.62 | 2.51 | 2.59 | 1.02 | down | 5.24E-01 | 9.95E-01 | --- |
| 1396837_at | Card9 | cardiac recruitment domain family, member 9 | 64171 | Rn.64486 | NM_022203 | 2.35 | 2.34 | 2.40 | 2.35 | 2.35 | 2.32 | 1.02 | down | 2.78E-01 | 9.95E-01 | --- |
| 1373259_at | --- | --- | --- | Rn.732318 | BI02622 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.02 | down | 3.32E-01 | 9.95E-01 | --- |
| 1386894_at | Lrrm3 | leucine rich repeat neuronal 3 | 81514 | Rn.39124 | NM_020856 | 2.53 | 2.49 | 2.50 | 2.48 | 2.50 | 2.47 | 1.02 | down | 1.69E-01 | 9.95E-01 | --- |
| 1352147_at | Trm2c | transmembrane protein 132C | 291515 | Rn.230565 | BI218479 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 2.43 | 1.02 | down | 8.25E-01 | 9.95E-01 | --- |
| 1375418_at | Trap | transmembrane/transcription domain-associated protein | 289471 | Rn.92038 | BI27882 | 3.41 | 4.02 | 3.68 | 3.65 | 3.73 | 3.64 | 1.02 | down | 9.01E-01 | 9.69E-01 | --- |
| 1388450_at | Odf4 | outer dense fiber of sperm tails 4 | 303236 | Rn.137152 | AI839253 | 2.52 | 2.51 | 2.56 | 2.52 | 2.52 | 2.48 | 1.02 | down | 2.57E-01 | 9.95E-01 | --- |
| 1390726_at | --- | --- | --- | Rn.204527 | AI85122 | 2.49 | 2.48 | 2.49 | 2.48 | 2.48 | 2.48 | 1.02 | down | 8.98E-02 | 9.95E-01 | --- |
| 1395103_at | --- | --- | --- | Rn.172918 | BF393732 | 2.44 | 2.44 | 2.48 | 2.43 | 2.45 | 2.41 | 1.02 | down | 2.57E-01 | 9.95E-01 | --- |
| 1390276_at | --- | --- | --- | Rn.59598 | BC062889 | 2.46 | 2.45 | 2.49 | 2.47 | 2.57 | 2.44 | 1.02 | up | 5.78E-01 | 9.95E-01 | --- |
| 1381870_at | --- | --- | --- | Rn.63330 | BF418037 | 2.48 | 2.48 | 2.44 | 2.44 | 2.44 | 2.44 | 1.02 | down | 9.95E-01 | 9.95E-01 | --- |
| 1370343_at | Xab2 | XPA binding protein 2 | 245976 | Rn.24921 | AF272859 | 5.97 | 6.44 | 5.07 | 5.91 | 5.59 | 6.11 | 1.02 | down | 9.00E-01 | 9.95E-01 | --- |
| 1395235_at | Rhmc | retinoid binding protein, X-linked | 405235 | Rn.404849 | AF272859 | 5.97 | 6.44 | 5.07 | 5.91 | 5.59 | 6.11 | 1.02 | down | 9.00E-01 | 9.95E-01 | --- |
| 1398842_at | Hes5 | hairy and enhancer of split 5 (Drosophila) | 79225 | Rn.22422 | NM_024383 | 2.33 | 2.32 | 2.39 | 2.32 | 2.33 | 2.31 | 1.02 | down | 3.68E-01 | 9.95E-01 | --- |
| 1393716_at | --- | --- | --- | Rn.146930 | BF387254 | 2.73 | 2.80 | 2.73 | 2.72 | 2.71 | 2.76 | 1.02 | down | 4.48E-01 | 9.95E-01 | --- |
| 1398990_at | LOC588485 | hypothetical protein LOC588485 | 688485 | Rn.40562 | BF17174 | 6.71 | 7.54 | 6.71 | 7.22 | 6.91 | 7.23 | 1.02 | down | 3.17E-01 | 9.95E-01 | --- |
| 1398983_at | --- | --- | --- | Rn.133494 | BM390018 | 2.41 | 2.39 | 2.41 | 2.50 | 2.41 | 2.37 | 1.02 | up | 5.61E-01 | 9.95E-01 | --- |
| 1370365_at | Tm6f1 | transferrin, asialin-binding protein, homolog 1 (Drosophila) | 163675 | Rn.163675 | BF408481 | 2.60 | 2.59 | 2.61 | 2.60 | 2.59 | 2.57 | 1.02 | down | 2.46E-01 | 9.95E-01 | --- |
| 1396954_at | Ikb1 | inhibitor of kappaB kinase 1 (NEMO), soluble | 24479 | Rn.5961 | NM_015110 | 11.16 | 10.73 | 10.99 | 10.94 | 10.90 | 11.11 | 1.02 | down | 8.74E-01 | 9.61E-01 | --- |
| 1367656_s_at | Mgp | matrix Gla protein | 25333 | Rn.2979 | NM_012862 | 8.57 | 7.83 | 7.19 | 8.48 | 8.13 | 7.05 | 1.02 | up | 9.69E-01 | 9.91E-01 | --- |
| 1381373_at | --- | --- | --- | Rn.208198 | BE026936 | 2.42 | 2.40 | 2.44 | 2.42 | 2.40 | 2.42 | 1.02 | down | 2.48E-01 | 9.95E-01 | --- |
| 1382090_at | --- | --- | --- | Rn.204244 | AO070376 | 2.53 | 2.52 | 2.61 | 2.53 | 2.58 | 2.48 | 1.02 | down | 5.39E-01 | 9.95E-01 | --- |
| 1383339_at | --- | --- | --- | Rn.204763 | AW551172 | 2.39 | 2.38 | 2.46 | 2.38 | 2.39 | 2.38 | 1.02 | down | 3.85E-01 | 9.95E-01 | --- |
| 1381890_at | --- | --- | --- | Rn.160177 | AW551172 | 2.32 | 2.32 | 2.37 | 2.32 | 2.32 | 2.32 | 1.02 | down | 1.91E-01 | 9.95E-01 | --- |
| 1396905_at | --- | --- | --- | Rn.205172 | AW551172 | 2.45 | 2.37 | 2.38 | 2.36 | 2.40 | 2.36 | 1.02 | down | 4.59E-01 | 9.95E-01 | --- |
| 1378637_at | Nr1 | nuclear transcription factor, X-box binding 1 | 313166 | Rn.313166 | BF038107 | 3.02 | 3.01 | 3.01 | 3.02 | 3.07 | 3.07 | 1.02 | down | 6.33E-01 | 9.95E-01 | --- |
| 1367762_at | Sat | somatostatin | 24797 | Rn.34418 | NM_012559 | 2.45 | 2.44 | 2.47 | 2.40 | 2.46 | 2.43 | 1.02 | down | 3.35E-01 | 9.95E-01 | --- |
| 1396433_at | --- | --- | --- | Rn.173358 | BF413358 | 2.41 | 2.40 | 2.47 | 2.41 | 2.42 | 2.39 | 1.02 | down | 3.40E-01 | 9.95E-01 | --- |
| 1391116_at | --- | --- | --- | Rn.838633 | BE266 | 2.56 | 2.54 | 2.59 | 2.56 | 2.56 | 2.47 | 1.02 | down | 6.80E-01 | 9.95E-01 | --- |
| 1390701_at | RGD1306215 | similar to hypothetical protein MGC38831 | 296585 | Rn.96042 | AO07120 | 6.05 | 5.92 | 5.49 | 5.83 | 5.85 | 5.85 | 1.02 | up | 8.94E-01 | 9.95E-01 | --- |
| 1387172_at | --- | --- | --- | Rn.165769 | BF387491 | 2.74 | 2.78 | 2.68 | 2.42 | 2.93 | 2.77 | 1.02 | down | 8.84E-01 | 9.84E-01 | --- |
| 1392021_at | Temp1 | TM6P tetrapeptide isomerase inhibitor 1 | 116510 | Rn.103819 | NM_033819 | 2.37 | 2.37 | 2.38 | 2.38 | 2.37 | 2.36 | 1.02 | down | 2.37E-01 | 9.95E-01 | --- |
| 1380150_at | --- | --- | --- | Rn.168175 | BF38 | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | FC/Abouse | Residual | Unpaired t-test Cvs vs CH (log2FC) | | REG | MTC | | |
|--------------|-------------|---|---------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|----------|------------------------------------|-----------|----------|----------|-----------|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | | | SEPE (Cn) | SEPF (Cn) | | | SEPG (Cn) | REG |
| 1371405_at | RGD156505 | similar to hypothetical protein MGC5110 | 503252 | Rn.3412 | BE109143 | 9.01 | 9.47 | 9.39 | 8.88 | 9.33 | 6.02 | down | 9.32E-01 | 9.81E-01 | - | - | | |
| 1391483_at | --- | --- | --- | --- | AD71885 | 2.41 | 2.43 | 2.44 | 2.43 | 2.44 | 2.48 | 1.02 | down | 2.58E-01 | 8.95E-01 | - | - | |
| 1392691_at | --- | --- | --- | --- | AK052952 | 2.37 | 2.37 | 2.36 | 2.44 | 2.37 | 2.38 | 1.02 | down | 7.02E-01 | 9.07E-01 | - | - | |
| 1392771_at | Phyh | phytyl-acyl-CoA 2-hydroxylase | 114209 | Rn.7279 | NM_033674 | 8.68 | 8.69 | 8.71 | 8.72 | 8.56 | 8.73 | 1.02 | down | 7.02E-01 | 9.07E-01 | - | - | |
| 1393010_at | --- | --- | --- | --- | BF141758 | 2.07 | 2.08 | 2.06 | 2.07 | 2.08 | 2.04 | 1.02 | down | 5.85E-01 | 8.58E-01 | - | - | |
| 1393010_at | --- | --- | --- | --- | A008808 | 2.42 | 2.40 | 2.48 | 2.41 | 2.43 | 2.39 | 1.02 | down | 4.30E-01 | 8.95E-01 | - | - | |
| 1378847_x_at | H2afx | H2A histone family, member X | 500987 | Rn.2850 | B028433 | 2.45 | 2.45 | 2.47 | 2.46 | 2.42 | 2.46 | 1.02 | down | 3.10E-01 | 8.95E-01 | - | - | |
| 1385959_at | Mad11 | MAD1 mitotic arrest deficient-like 1 (yeast) | 680006 | Rn.95132 | BF551518 | 2.44 | 2.42 | 2.42 | 2.41 | 2.41 | 2.38 | 1.02 | down | 1.38E-01 | 8.95E-01 | - | - | |
| 1394243_x_at | Tmem31 | transmembrane protein 131 | 310335 | Rn.63731 | B03335 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.38 | 1.02 | down | 5.85E-01 | 8.95E-01 | - | - | |
| 1392688_x_at | Gcya4 | guanylate cyclase 4 | 317322 | Rn.15946 | A07125 | 8.93 | 7.72 | 8.00 | 8.83 | 8.83 | 8.88 | 1.02 | down | 7.85E-01 | 9.15E-01 | - | - | |
| 1378915_x_at | LOC203890 | hypothetical protein LOC203890 | 300990 | Rn.98391 | A058468 | 2.71 | 2.67 | 2.79 | 2.69 | 2.73 | 2.68 | 1.02 | down | 6.68E-01 | 8.95E-01 | - | - | |
| 1380462_at | RGD1562146 | Seiine/threonine kinase 11 | 506612 | Rn.154972 | BF283078 | 2.58 | 2.62 | 2.52 | 2.57 | 2.58 | 2.64 | 1.02 | up | 5.61E-01 | 8.95E-01 | - | - | |
| 1381830_x_at | Slk11 | Slk11 | 314621 | Rn.12052 | A113337 | 2.49 | 2.48 | 2.49 | 2.49 | 2.43 | 2.56 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - | |
| 1374665_at | Taf9 | TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, large (Drosophila) homologous association protein 1 | 373541 | Rn.12465 | A040752 | 2.48 | 2.75 | 2.49 | 2.83 | 2.51 | 2.46 | 1.02 | up | 8.82E-01 | 9.84E-01 | - | - | |
| 1388057_x_at | Dlgap1 | Dlgap1 | 65040 | Rn.90059 | A003584 | 2.52 | 2.54 | 2.57 | 2.51 | 2.54 | 2.51 | 1.02 | down | 2.68E-01 | 8.95E-01 | - | - | |
| 1380230_at | --- | --- | --- | --- | A053453 | 2.70 | 2.70 | 2.71 | 2.69 | 2.70 | 2.68 | 1.02 | down | 1.38E-01 | 8.95E-01 | - | - | |
| 1397999_at | --- | --- | --- | --- | BF385052 | 2.38 | 2.39 | 2.39 | 2.48 | 2.39 | 2.35 | 1.02 | down | 5.91E-01 | 8.95E-01 | - | - | |
| 1373172_at | --- | --- | --- | --- | Rn.32516 | A044483 | 2.41 | 2.40 | 2.48 | 2.40 | 2.41 | 2.40 | 1.02 | down | 4.20E-01 | 8.95E-01 | - | - |
| 1393036_at | --- | --- | --- | --- | Rn.134320 | A044886 | 2.32 | 2.32 | 2.38 | 2.32 | 2.33 | 2.31 | 1.02 | down | 3.47E-01 | 8.95E-01 | - | - |
| 1387990_at | Crybb3 | crystallin, beta B3 | 64349 | Rn.19693 | NM_031690 | 2.39 | 2.31 | 2.33 | 2.32 | 2.32 | 2.32 | 1.02 | down | 3.75E-01 | 8.95E-01 | - | - | |
| 1380025_at | Dgbr8 | DGCR8 syndrome critical region gene 8 | 287954 | Rn.17134 | NM_050337 | 2.35 | 2.34 | 2.33 | 2.35 | 2.36 | 2.35 | 1.02 | down | 4.35E-01 | 8.95E-01 | - | - | |
| 1392296_at | Rpl19 | ribosomal protein L19 | 303566 | Rn.19025 | B026151 | 2.55 | 2.56 | 2.56 | 2.54 | 2.67 | 2.52 | 1.02 | down | 8.47E-01 | 9.85E-01 | - | - | |
| 1397502_at | --- | --- | --- | --- | Rn.205161 | A051394 | 2.71 | 2.71 | 2.75 | 2.73 | 2.82 | 2.70 | 1.02 | up | 5.73E-01 | 8.95E-01 | - | - |
| 1388911_at | Mefm1 | metastem, glial cell differentiation regulator-like | 316842 | Rn.64582 | BM39126 | 2.47 | 3.17 | 2.42 | 2.41 | 2.42 | 2.28 | 1.02 | up | 9.54E-01 | 9.87E-01 | - | - | |
| 1377886_at | --- | --- | --- | --- | Rn.80076 | B027432 | 2.47 | 2.40 | 2.43 | 2.40 | 2.43 | 2.40 | 1.02 | down | 3.75E-01 | 8.95E-01 | - | - |
| 1387976_at | Slc3a2c3 | solute carrier family 3 (sodium/hydrogen exchanger), member 3 regulator 2 | 116501 | Rn.38351 | AF294257 | 2.47 | 2.44 | 2.45 | 2.44 | 2.45 | 2.40 | 1.02 | down | 2.39E-01 | 8.95E-01 | - | - | |
| 1394338_x_at | --- | --- | --- | --- | BF282024 | 2.73 | 2.85 | 2.86 | 2.68 | 2.81 | 2.71 | 1.02 | up | 9.44E-01 | 9.84E-01 | - | - | |
| 1397193_at | --- | --- | --- | --- | BM385669 | 2.37 | 2.29 | 2.30 | 2.30 | 2.31 | 2.29 | 1.02 | down | 4.38E-01 | 8.95E-01 | - | - | |
| 1371312_at | Chnhd2 | choline oxidase-like-coiled-coil-helix domain containing 2 | 316843 | Rn.8812 | AA339736 | 10.78 | 10.33 | 10.84 | 10.50 | 10.81 | 10.87 | 1.02 | down | 8.84E-01 | 9.58E-01 | - | - | |
| 1392627_at | Wp3027 | Wp3027-like HMVX integration site family member 2 | 114487 | Rn.203764 | AA339736 | 2.38 | 2.36 | 2.36 | 2.36 | 2.41 | 2.34 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - | |
| 1383562_at | --- | --- | --- | --- | BF388014 | 2.60 | 2.55 | 2.70 | 2.59 | 2.68 | 2.51 | 1.02 | down | 7.40E-01 | 9.16E-01 | - | - | |
| 1397932_at | --- | --- | --- | --- | AA339736 | 2.41 | 2.40 | 2.42 | 2.41 | 2.40 | 2.40 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - | |
| 1394564_at | --- | --- | --- | --- | BF106791 | 2.43 | 2.42 | 2.45 | 2.50 | 2.48 | 2.40 | 1.02 | down | 4.95E-01 | 8.95E-01 | - | - | |
| 1397522_at | Setf1 | SET binding family 1 | 300147 | Rn.129885 | BF106791 | 2.71 | 2.72 | 2.80 | 2.83 | 2.63 | 2.85 | 1.02 | up | 7.77E-01 | 9.27E-01 | - | - | |
| 1380239_at | --- | --- | --- | --- | Rn.207799 | BF106791 | 2.43 | 2.42 | 2.51 | 2.42 | 2.44 | 2.42 | 1.02 | down | 4.48E-01 | 8.95E-01 | - | - |
| 1370779_at | --- | --- | --- | --- | Rn.149392 | BF116776 | 2.49 | 2.48 | 2.53 | 2.48 | 2.51 | 2.44 | 1.02 | down | 4.04E-01 | 8.95E-01 | - | - |
| 1385133_at | Phog | phog transposable element with KRAB domain | 300441 | Rn.187378 | BF116776 | 2.43 | 2.43 | 2.49 | 2.43 | 2.43 | 2.43 | 1.02 | down | 4.04E-01 | 8.95E-01 | - | - | |
| 1394986_at | Fam120b | Family with sequence similarity 120B | 308218 | Rn.2666 | BF108719 | 2.32 | 2.32 | 2.33 | 2.32 | 2.37 | 2.34 | 1.02 | down | 2.22E-01 | 8.95E-01 | - | - | |
| 1387736_at | Chrm1 | cholinergic receptor, muscarinic 1 | 25229 | Rn.118395 | NM_008773 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.35 | 1.02 | down | 3.02E-01 | 8.95E-01 | - | - | |
| 1381127_at | --- | --- | --- | --- | AT17272 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.34 | 1.02 | down | 3.95E-01 | 8.95E-01 | - | - | |
| 1386427_at | --- | --- | --- | --- | BF145655 | 2.47 | 2.44 | 2.51 | 2.45 | 2.47 | 2.42 | 1.02 | down | 3.97E-01 | 8.95E-01 | - | - | |
| 1393031_at | --- | --- | --- | --- | Rn.194419 | A055172 | 2.27 | 2.27 | 2.27 | 2.27 | 2.35 | 2.26 | 1.02 | up | 4.46E-01 | 8.95E-01 | - | - |
| 1386972_at | --- | --- | --- | --- | Rn.173091 | BF388014 | 2.32 | 2.32 | 2.37 | 2.31 | 2.37 | 2.31 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - |
| 1375234_at | Noa5 | nuclear receptor coactivator 5 | 298372 | Rn.8482 | A001970 | 2.42 | 2.41 | 2.44 | 2.42 | 2.43 | 2.36 | 1.02 | down | 3.98E-01 | 8.95E-01 | - | - | |
| 1379541_at | Cone2 | cytein E2 | 362485 | Rn.18992 | BF108719 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 2.42 | 1.02 | down | 3.98E-01 | 8.95E-01 | - | - | |
| 1379594_at | --- | --- | --- | --- | Rn.93081 | A052440 | 2.37 | 2.36 | 2.37 | 2.42 | 2.38 | 2.38 | 1.02 | up | 3.11E-01 | 8.95E-01 | - | - |
| 1370930_at | --- | --- | --- | --- | BF147285 | 8.82 | 8.76 | 8.76 | 8.54 | 8.41 | 8.74 | 8.92 | 1.02 | down | 9.02E-01 | 9.70E-01 | - | - |
| 1388337_at | LOC203041 | Similar to RIKEN cDNA 943007D24 gene | 290341 | Rn.3259 | BF147285 | 3.92 | 4.03 | 4.03 | 3.92 | 4.03 | 3.92 | 1.02 | down | 6.82E-01 | 9.45E-01 | - | - | |
| 1397125_at | --- | --- | --- | --- | Rn.56996 | BF388014 | 2.50 | 2.49 | 2.55 | 2.50 | 2.51 | 2.47 | 1.02 | down | 3.48E-01 | 8.95E-01 | - | - |
| 1371769_at | --- | --- | --- | --- | Rn.8008 | B026151 | 2.62 | 2.62 | 2.61 | 2.62 | 2.61 | 2.61 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - |
| 1372760_at | --- | --- | --- | --- | Rn.119131 | A116579 | 11.23 | 10.83 | 10.62 | 11.18 | 10.94 | 10.42 | 1.02 | up | 9.43E-01 | 9.84E-01 | - | - |
| 1386839_at | Tomn34 | Translocase of outer mitochondrial membrane 34 | 311621 | Rn.16749 | H1323 | 3.04 | 3.08 | 3.44 | 3.34 | 3.04 | 3.14 | 1.02 | up | 9.63E-01 | 9.89E-01 | - | - | |
| 1388500_at | Pap21 | papain-like cysteine protease, receptor-type 2, polypeptide 1 | 305113 | Rn.10088 | H1323 | 2.41 | 2.42 | 2.42 | 2.41 | 2.42 | 2.42 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - | |
| 1387655_x_at | Fhl1 | fetuin, heavy polypeptide 1 | 25319 | Rn.54447 | NM_012848 | 13.81 | 13.67 | 13.67 | 13.58 | 13.55 | 13.78 | 1.02 | up | 7.64E-01 | 9.23E-01 | - | - | |
| 1391949_at | Dcm1d | DCM1, defective in cell reodiation 1, domain containing 4 (S. cerevisiae) | 300228 | Rn.20231 | BF284856 | 6.73 | 6.39 | 6.51 | 6.50 | 6.47 | 6.73 | 1.02 | up | 8.67E-01 | 9.58E-01 | - | - | |
| 1388524_at | Kcnc1 | potassium voltage-gated channel, Shaw-related subfamily, member 1 | 25327 | Rn.33265 | NM_012819 | 2.66 | 2.65 | 2.64 | 2.66 | 2.64 | 2.64 | 1.02 | down | 6.82E-01 | 9.45E-01 | - | - | |
| 1381936_at | Carm2g | calcium/calmodulin-dependent protein kinase I gamma | 171140 | Rn.10981 | BF380022 | 2.46 | 2.41 | 2.41 | 2.42 | 2.42 | 2.41 | 1.02 | down | 2.33E-01 | 8.95E-01 | - | - | |
| 1382209_at | --- | --- | --- | --- | BF284856 | 2.35 | 2.53 | 2.69 | 2.53 | 2.50 | 2.62 | 1.02 | down | 4.68E-01 | 8.95E-01 | - | - | |
| 1387468_at | Srs5 | soloid coil domain containing 28b | 26534 | Rn.91342 | NM_012882 | 2.36 | 2.35 | 2.38 | 2.45 | 2.36 | 2.34 | 1.02 | down | 5.33E-01 | 8.95E-01 | - | - | |
| 1372158_at | Macro2 | MACRO domain containing 1 | 246233 | Rn.98178 | B026576 | 7.49 | 7.72 | 7.29 | 7.48 | 7.47 | 7.50 | 1.02 | down | 6.68E-01 | 8.95E-01 | - | - | |
| 1379651_at | Rarg | retinoid acid receptor, gamma | 685072 | Rn.18709 | BM38565 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 1.02 | down | 6.05E-01 | 8.95E-01 | - | - | |
| 1383979_at | --- | --- | --- | --- | BF391763 | 2.65 | 2.67 | 2.65 | 2.65 | 2.68 | 2.58 | 1.02 | down | 5.18E-01 | 8.95E-01 | - | - | |
| 1397153_at | --- | --- | --- | --- | Rn.20884 | BF115262 | 2.38 | 2.45 | 2.40 | 2.40 | 2.39 | 2.37 | 1.0 | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Resuspension | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|-------------|-----------------|---|------------------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Cnl) | SEPS (Csa) | SEPS (Cbl) | SEPS (Cbr) | SEPS (Ccs) | SEPS (Cca) | SEPS (Ccb) | SEPS (Ccb) | SEPS (Ccb) | SEPS (Ccb) | | | | | | |
| 170526_at | Igaae | integrin, alpha E, epithelial-associated | 83577 | Rn.128291 | AF020045 | 2.67 | 3.85 | 3.44 | 3.42 | 3.62 | 3.50 | 2.90 | 1.02 | up | 6.90E-01 | 9.88E-01 | - | - | | | |
| 1705516_at | Andrgo | androgen regulated 20 kDa protein | 25030 | Rn.89777 | BM380842 | 2.42 | 2.41 | 2.47 | 2.56 | 2.41 | 2.43 | 2.39 | 1.02 | down | 3.26E-01 | 8.95E-01 | - | - | | | |
| 1705876_at | Smn7 | SMN2, spinal muscular atrophy 7 | 23966 | Rn.152946 | U039836 | 8.17 | 8.03 | 7.37 | 8.07 | 8.04 | 7.83 | 8.03 | 1.02 | down | 9.43E-01 | 8.95E-01 | - | - | | | |
| 1707884_at | Rsm2 | Ras1 (RAD and GEM)-like GTP-binding 1 | 366232 | Rn.88525 | BC375969 | 2.46 | 2.47 | 2.48 | 2.47 | 2.48 | 2.47 | 2.52 | 1.02 | up | 2.56E-01 | 8.95E-01 | - | - | | | |
| 1708876_at | GnB3 | guanine nucleotide binding protein (G protein), beta polypeptide 3 | 60449 | Rn.270665 | U039836 | 2.42 | 2.42 | 2.46 | 2.47 | 2.46 | 2.47 | 2.42 | 1.02 | down | 2.82E-01 | 8.95E-01 | - | - | | | |
| 1708943_at | --- | --- | --- | Rn.167827 | AW550922 | 2.44 | 2.39 | 2.49 | 2.39 | 2.40 | 2.39 | 2.47 | 1.02 | down | 3.17E-01 | 8.95E-01 | - | - | | | |
| 1709022_at | --- | --- | --- | Rn.173529 | BG667918 | 2.36 | 2.34 | 2.41 | 2.35 | 2.35 | 2.35 | 2.33 | 1.02 | down | 3.83E-01 | 8.95E-01 | - | - | | | |
| 1709204_at | Mok2a2 | MOK1, Mps One Binder kinase activator-like 2A (yeast) | 382833 | Rn.9147 | BI26562 | 2.35 | 2.36 | 2.38 | 2.35 | 2.35 | 2.36 | 2.43 | 1.02 | up | 4.43E-01 | 8.95E-01 | - | - | | | |
| 1709209_at | --- | --- | --- | Rn.204242 | BF52507 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.02 | down | 6.26E-01 | 8.95E-01 | - | - | | | |
| 1709470_at | --- | --- | --- | Rn.205882 | A040967 | 2.38 | 2.32 | 2.33 | 2.32 | 2.32 | 2.33 | 2.31 | 1.02 | down | 3.34E-01 | 8.95E-01 | - | - | | | |
| 1709714_at | --- | --- | --- | Rn.56010 | BF283101 | 2.47 | 2.47 | 2.47 | 2.50 | 2.47 | 2.47 | 2.43 | 1.02 | down | 2.70E-01 | 8.95E-01 | - | - | | | |
| 1709731_at | Pltn2 | prothrombin 1 | 21635 | Rn.27067 | A114723 | 2.78 | 2.54 | 2.68 | 2.59 | 2.73 | 2.69 | 2.62 | 1.02 | down | 7.84E-01 | 9.34E-01 | - | - | | | |
| 1709793_at | --- | --- | --- | Rn.210499 | BF398550 | 2.36 | 2.36 | 2.43 | 2.36 | 2.37 | 2.35 | 2.32 | 1.02 | down | 4.16E-01 | 8.95E-01 | - | - | | | |
| 1709839_at | Scn9a | sodium channel, voltage-gated, type IX, alpha | 79956 | Rn.88802 | NM_133289 | 2.51 | 2.47 | 2.55 | 2.48 | 2.52 | 2.45 | 2.42 | 1.02 | down | 5.08E-01 | 8.95E-01 | - | - | | | |
| 1709920_at | RDG156929 | similar to collagen and calcium binding EGF domains 1 | 307358 | Rn.51592 | BF589003 | 2.44 | 2.45 | 2.56 | 2.45 | 2.46 | 2.47 | 2.47 | 1.02 | down | 8.11E-01 | 8.95E-01 | - | - | | | |
| 1709943_at | Aak1 | AP2 associated kinase 1 | 500244 | Rn.203307 | A102811 | 2.55 | 2.52 | 2.55 | 2.54 | 2.55 | 2.46 | 2.48 | 1.02 | down | 4.91E-01 | 8.95E-01 | - | - | | | |
| 1710147_at | TrnD3 | trypsinogen T type 3 (secreted, fast) | 24639 | Rn.15448 | BF521659 | 2.46 | 2.43 | 2.52 | 2.45 | 2.45 | 2.45 | 2.43 | 1.02 | down | 4.73E-01 | 8.95E-01 | - | - | | | |
| 1710166_at | Puif3 | polymerase (RNA) II (DNA directed) polypeptide F, 39 kDa | 314487 | Rn.202329 | AAB19635 | 2.89 | 2.87 | 3.16 | 2.90 | 3.15 | 2.80 | 2.80 | 1.02 | down | 8.83E-01 | 8.94E-01 | - | - | | | |
| 1710558_at | --- | --- | --- | Rn.107157 | A071537 | 2.58 | 2.51 | 2.59 | 2.53 | 2.55 | 2.53 | 2.52 | 1.02 | down | 4.30E-01 | 8.95E-01 | - | - | | | |
| 1710672_at | Bqaln1 | beta-1,4-N-acetylglucosaminyl transferase 1 | 64828 | Rn.10119 | NM_022890 | 2.36 | 2.35 | 2.34 | 2.40 | 2.37 | 2.34 | 2.34 | 1.02 | up | 2.38E-01 | 8.95E-01 | - | - | | | |
| 1710823_at | --- | --- | --- | Rn.202932 | BE112754 | 2.41 | 2.40 | 2.46 | 2.40 | 2.42 | 2.39 | 2.42 | 1.02 | down | 3.52E-01 | 8.95E-01 | - | - | | | |
| 1710919_at | KH23 | ketch-like 23 (Drosophila) | 33174 | Rn.125724 | BE110414 | 2.34 | 2.33 | 2.35 | 2.34 | 2.43 | 2.33 | 2.42 | 1.02 | up | 5.46E-01 | 8.95E-01 | - | - | | | |
| 1710928_at | LOC107878 | similar to Protein C1orf1 | 275774 | Rn.206946 | AW552002 | 2.79 | 3.52 | 3.52 | 2.79 | 3.81 | 3.30 | 2.31 | 1.02 | down | 9.89E-01 | 8.95E-01 | - | - | | | |
| 1710947_at | Cic2a // Cic2a4 | chloride channel calcium activated 2 // chloride channel calcium activated 4 | 382052 // 499272 | Rn.93762 | A111432 | 2.46 | 2.43 | 2.50 | 2.44 | 2.47 | 2.41 | 2.42 | 1.02 | down | 4.12E-01 | 8.95E-01 | - | - | | | |
| 1710951_at | --- | --- | --- | Rn.200265 | BE125017 | 3.57 | 3.54 | 3.63 | 3.58 | 3.61 | 3.21 | 3.02 | 1.02 | up | 4.88E-01 | 8.95E-01 | - | - | | | |
| 1710924_at | --- | --- | --- | Rn.147769 | BF392308 | 2.56 | 2.55 | 2.65 | 2.53 | 2.65 | 2.50 | 2.51 | 1.02 | down | 7.20E-01 | 9.11E-01 | - | - | | | |
| 1710983_at | --- | --- | --- | Rn.207411 | BE098973 | 2.42 | 2.39 | 2.43 | 2.48 | 2.42 | 2.41 | 2.42 | 1.02 | up | 4.12E-01 | 8.95E-01 | - | - | | | |
| 1710926_at | Meig1 | meiosis expressed gene 1 | 678934 | Rn.46511 | BF562291 | 2.59 | 2.57 | 2.65 | 2.57 | 2.61 | 2.56 | 2.57 | 1.02 | down | 5.05E-01 | 8.95E-01 | - | - | | | |
| 1717329_at | --- | --- | --- | Rn.203438 | BE113460 | 2.44 | 2.43 | 2.46 | 2.44 | 2.44 | 2.44 | 2.38 | 1.02 | down | 3.41E-01 | 8.95E-01 | - | - | | | |
| 1718555_at | --- | --- | --- | Rn.206860 | BF391306 | 2.70 | 2.70 | 2.70 | 2.70 | 2.71 | 2.69 | 2.68 | 1.02 | up | 8.16E-01 | 9.41E-01 | - | - | | | |
| 1718650_at | Tak1 | tdk1 | 85270 | Rn.026508 | NM_035038 | 2.53 | 2.47 | 2.47 | 2.46 | 2.47 | 2.45 | 2.47 | 1.02 | down | 4.72E-01 | 8.95E-01 | - | - | | | |
| 1719305_at | SI202 | SF72 domain containing 2 | 360808 | Rn.8424 | AV919665 | 8.16 | 8.06 | 7.44 | 7.50 | 7.99 | 8.13 | 8.12 | 1.02 | down | 9.45E-01 | 9.48E-01 | - | - | | | |
| 1719459_at | --- | --- | --- | Rn.153009 | BE105005 | 2.56 | 2.55 | 2.56 | 2.55 | 2.56 | 2.55 | 2.56 | 1.02 | down | 4.48E-01 | 8.95E-01 | - | - | | | |
| 1719756_at | Cend1 | cell cycle exit and neuronal differentiation 1 | 361675 | Rn.64460 | B208757 | 2.46 | 2.46 | 2.54 | 2.46 | 2.46 | 2.47 | 2.42 | 1.02 | down | 4.47E-01 | 8.95E-01 | - | - | | | |
| 1719747_at | --- | --- | --- | Rn.177235 | BM386499 | 2.48 | 2.48 | 2.52 | 2.47 | 2.50 | 2.44 | 2.42 | 1.02 | down | 4.08E-01 | 8.95E-01 | - | - | | | |
| 1719751_at | --- | --- | --- | Rn.417878 | BF141787 | 2.41 | 2.40 | 2.47 | 2.47 | 2.49 | 2.43 | 2.40 | 1.02 | down | 4.23E-01 | 8.95E-01 | - | - | | | |
| 1719807_at | --- | --- | --- | Rn.18589 | BF402418 | 2.47 | 2.45 | 2.50 | 2.46 | 2.47 | 2.43 | 2.42 | 1.02 | down | 3.07E-01 | 8.95E-01 | - | - | | | |
| 1719849_at | --- | --- | --- | Rn.3993 | A040969 | 2.45 | 2.43 | 2.45 | 2.45 | 2.43 | 2.43 | 2.42 | 1.02 | down | 3.07E-01 | 8.95E-01 | - | - | | | |
| 17198400_at | --- | --- | --- | Rn.119594 | AW921534 | 2.47 | 2.46 | 2.49 | 2.45 | 2.48 | 2.43 | 2.42 | 1.02 | down | 2.88E-01 | 8.95E-01 | - | - | | | |
| 17198308_at | Arnc2 | arrestin domain containing 2 | 306344 | Rn.22631 | A114231 | 2.48 | 3.80 | 3.12 | 3.40 | 2.80 | 3.27 | 3.02 | 1.02 | up | 6.52E-01 | 8.95E-01 | - | - | | | |
| 1719831_at | Aim1 | apoptosis-inducing factor, mitochondrion-associated 1 | 85537 | Rn.203165 | BF282039 | 8.07 | 8.07 | 8.07 | 8.07 | 8.07 | 8.07 | 8.07 | 1.02 | down | 4.29E-01 | 8.95E-01 | - | - | | | |
| 1719832_at | --- | --- | --- | Rn.64787 | AW550863 | 2.36 | 2.35 | 2.36 | 2.35 | 2.45 | 2.33 | 2.32 | 1.02 | up | 5.79E-01 | 8.95E-01 | - | - | | | |
| 1719829_at | Kif11 | Kinesin light chain 1 | 171041 | Rn.106230 | AAB19427 | 3.89 | 3.89 | 4.04 | 4.11 | 3.76 | 3.89 | 3.89 | 1.02 | down | 8.57E-01 | 9.58E-01 | - | - | | | |
| 1719835_at | Kif1 | Kinesin-like family class II | 1319394 | Rn.18589 | AW551843 | 2.44 | 2.44 | 2.46 | 2.44 | 2.44 | 2.44 | 2.44 | 1.02 | down | 8.57E-01 | 9.58E-01 | - | - | | | |
| 17197914_at | --- | --- | --- | Rn.18589 | BF116050 | 3.41 | 2.64 | 2.58 | 2.66 | 2.60 | 3.43 | 3.22 | 1.02 | down | 9.75E-01 | 9.88E-01 | - | - | | | |
| 1719793_at | --- | --- | --- | Rn.140377 | BF116050 | 2.46 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.02 | down | 2.31E-01 | 8.95E-01 | - | - | | | |
| 1719688_at | Ercd4 | excision repair cross-complementing rodent repair deficiency, complementation group 4 | 304719 | Rn.195555 | A013171 | 2.44 | 2.42 | 2.45 | 2.42 | 2.43 | 2.40 | 2.42 | 1.02 | down | 2.14E-01 | 8.95E-01 | - | - | | | |
| 1719439_at | Aim20 | apoptosis repeat domain 20 | 294988 | Rn.7482 | AW552620 | 2.40 | 2.37 | 2.41 | 2.37 | 2.38 | 2.37 | 2.37 | 1.02 | down | 1.36E-01 | 8.95E-01 | - | - | | | |
| 1719402_at | --- | --- | --- | Rn.150239 | BI098743 | 2.43 | 2.43 | 2.45 | 2.43 | 2.43 | 2.43 | 2.43 | 1.02 | down | 4.42E-01 | 8.95E-01 | - | - | | | |
| 1719402_at | --- | --- | --- | Rn.88737 | A1137904 | 2.21 | 2.20 | 2.21 | 2.20 | 2.28 | 2.19 | 2.19 | 1.01 | up | 5.07E-01 | 8.95E-01 | - | - | | | |
| 1719402_at | --- | --- | --- | Rn.120626 | BF395655 | 6.26 | 5.58 | 5.54 | 5.84 | 5.73 | 5.88 | 5.81 | 1.01 | down | 9.35E-01 | 8.81E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | BM3991 | 2.51 | 2.47 | 2.56 | 2.49 | 2.53 | 2.46 | 2.41 | 1.01 | down | 5.56E-01 | 8.95E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | BF116050 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.01 | down | 9.43E-01 | 9.79E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.12955 | BI204235 | 2.52 | 3.21 | 3.01 | 3.21 | 3.28 | 3.01 | 3.01 | 1.01 | up | 9.42E-01 | 9.83E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | NM_133670 | 10.49 | 10.40 | 10.43 | 10.60 | 10.26 | 10.63 | 10.61 | 1.01 | up | 8.52E-01 | 9.84E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | A14294 | 2.47 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 2.46 | 1.01 | down | 8.52E-01 | 9.84E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | A0408279 | 2.45 | 2.44 | 2.48 | 2.44 | 2.46 | 2.41 | 2.41 | 1.01 | down | 3.79E-01 | 8.95E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.9948 | AA466538 | 7.65 | 7.99 | 8.07 | 7.73 | 7.90 | 8.01 | 8.01 | 1.01 | down | 8.52E-01 | 9.84E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.173878 | BF420440 | 2.48 | 2.45 | 2.51 | 2.46 | 2.47 | 2.43 | 2.43 | 1.01 | down | 3.33E-01 | 8.95E-01 | - | - | | | |
| 1719413_at | --- | --- | --- | Rn.216923 | BE102703 | 2.38 | 2.33 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 1.01 | down | 3.66E-01 | 8.95E-01 | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (Cn) | SEPA (Cn) | SEPb (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | SEPH (Cn) | FCMHouse | Resonance | Unpaired t-test (vs Cn) (p-value) | Unpaired t-test (vs Cn) (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------------------------------|-----------------------------------|-----|-----|
| 1386555_at | Rok1 | ROK1 kinase 1 (yeast) | 291061 | Rn.132553 | AA92580 | 2.48 | 2.46 | 2.47 | 2.47 | 2.51 | 2.44 | 2.44 | 2.44 | 1.01 | down | 5.98E-01 | 8.95E-01 | - | - | |
| 1391017_at | Farp1 | FERM, RHOGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-deriv) | 306183 | Rn.92109 | AK08490 | 2.46 | 2.45 | 2.49 | 2.45 | 2.57 | 2.44 | 2.44 | 2.44 | 1.01 | up | 6.86E-01 | 9.00E-01 | - | - | |
| 137620_at | Phox2b | POU class domain containing 2 | 313702 | Rn.12020 | AK05962 | 2.55 | 2.45 | 2.42 | 2.42 | 2.42 | 2.43 | 2.43 | 2.43 | 1.01 | down | 1.61E-01 | 8.95E-01 | - | - | |
| 1387839_at | Hpc4a | hippocampin-like 4 | 50872 | Rn.34529 | NM_017357 | 2.50 | 2.48 | 2.52 | 2.49 | 2.64 | 2.44 | 2.44 | 2.44 | 1.01 | up | 7.49E-01 | 9.19E-01 | - | - | |
| 1388434_at | P16 | inhibitor of p16 | 1388434 | Rn.14848 | AK04861 | 2.57 | 2.34 | 2.41 | 2.37 | 2.34 | 2.41 | 2.41 | 2.41 | 1.01 | down | 3.58E-01 | 9.35E-01 | - | - | |
| 1386555_at | Tnfr1 | transcription factor 1 | 406195 | Rn.214665 | BM37190 | 3.78 | 4.63 | 4.00 | 5.37 | 3.01 | 4.10 | 4.10 | 4.10 | 1.01 | up | 9.79E-01 | 9.94E-01 | - | - | |
| 1390615_at | Kap1 | Karyopherin (importin) alpha 1 | 288064 | Rn.6272 | BF02829 | 2.38 | 2.36 | 2.37 | 2.44 | 2.36 | 2.35 | 2.35 | 2.35 | 1.01 | up | 5.10E-01 | 8.95E-01 | - | - | |
| 138272_at | --- | --- | --- | --- | --- | 2.53 | 2.51 | 2.51 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 1.01 | down | 2.52E-01 | 8.95E-01 | - | - | |
| 138195_at | --- | --- | --- | --- | --- | 2.71 | 2.63 | 2.70 | 2.68 | 2.69 | 2.62 | 2.62 | 2.62 | 1.01 | down | 5.71E-01 | 8.95E-01 | - | - | |
| 1393197_at | --- | --- | --- | --- | --- | 2.47 | 2.47 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 1.01 | down | 3.86E-01 | 8.95E-01 | - | - | |
| 1384072_at | --- | --- | --- | --- | --- | 2.52 | 2.50 | 2.56 | 2.51 | 2.54 | 2.47 | 2.47 | 2.47 | 1.01 | down | 5.22E-01 | 8.95E-01 | - | - | |
| 1391065_at | --- | --- | --- | --- | --- | 2.84 | 2.35 | 2.63 | 2.67 | 2.63 | 2.59 | 2.59 | 2.59 | 1.01 | up | 8.92E-01 | 9.87E-01 | - | - | |
| 1389914_at | --- | --- | --- | --- | --- | 2.39 | 2.38 | 2.40 | 2.39 | 2.48 | 2.38 | 2.38 | 2.38 | 1.01 | up | 5.76E-01 | 8.95E-01 | - | - | |
| 138202_at | Zfrt21 | zinc finger protein 221 | 307834 | Rn.18226 | AK07003 | 2.66 | 2.66 | 2.84 | 2.66 | 2.67 | 2.77 | 2.77 | 2.77 | 1.01 | down | 7.87E-01 | 9.31E-01 | - | - | |
| 138709_at | Ncam1 | neuronal cell adhesion molecule 1 | 24586 | Rn.11283 | AK01029 | 2.47 | 2.45 | 2.47 | 2.52 | 2.47 | 2.46 | 2.46 | 2.46 | 1.01 | down | 8.92E-01 | 8.95E-01 | - | - | |
| 138820_at | --- | --- | --- | --- | --- | 2.95 | 2.58 | 2.75 | 2.82 | 2.70 | 2.70 | 2.70 | 2.70 | 1.01 | down | 6.85E-01 | 9.58E-01 | - | - | |
| 138245_at | --- | --- | --- | --- | --- | 2.46 | 2.41 | 2.43 | 2.43 | 2.41 | 2.42 | 2.42 | 2.42 | 1.01 | down | 2.58E-01 | 8.95E-01 | - | - | |
| 138459_at | --- | --- | --- | --- | --- | 2.46 | 2.41 | 2.43 | 2.43 | 2.41 | 2.41 | 2.41 | 2.41 | 1.01 | down | 6.26E-01 | 8.95E-01 | - | - | |
| 1390175_at | --- | --- | --- | --- | --- | 2.46 | 2.41 | 2.43 | 2.43 | 2.41 | 2.41 | 2.41 | 2.41 | 1.01 | down | 2.95E-01 | 8.95E-01 | - | - | |
| 138195_at | --- | --- | --- | --- | --- | 2.44 | 2.43 | 2.48 | 2.44 | 2.44 | 2.57 | 2.40 | 2.40 | 1.01 | up | 7.23E-01 | 9.12E-01 | - | - | |
| 138876_at | --- | --- | --- | --- | --- | 2.38 | 2.37 | 2.42 | 2.37 | 2.38 | 2.38 | 2.38 | 2.38 | 1.01 | down | 3.03E-01 | 8.95E-01 | - | - | |
| 139377_at | --- | --- | --- | --- | --- | 3.83 | 3.30 | 3.26 | 4.06 | 3.55 | 3.43 | 3.43 | 3.43 | 1.01 | up | 9.80E-01 | 9.94E-01 | - | - | |
| 138950_at | CuS | Chaperonin containing T1, subunit 5 (epsilon) | 294864 | Rn.92464 | AK05939 | 2.31 | 2.32 | 2.38 | 2.34 | 2.41 | 2.31 | 2.31 | 2.31 | 1.01 | down | 5.33E-01 | 8.95E-01 | - | - | |
| 139333_at | Scx | sceraxis | 680712 | Rn.198233 | AK05287 | 2.36 | 2.36 | 2.42 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.01 | down | 3.96E-01 | 8.95E-01 | - | - | |
| 138705_at | CuT | chemokine (C-C motif) ligand 7 | 297551 | Rn.28815 | BF41989 | 2.40 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 2.34 | 2.34 | 1.01 | down | 3.05E-01 | 8.95E-01 | - | - | |
| 138759_at | Doc1 | doublesex and mab-3 related transcription factor 1 | 114498 | Rn.74280 | NM_053706 | 2.47 | 2.42 | 2.43 | 2.43 | 2.43 | 2.42 | 2.42 | 2.42 | 1.01 | down | 2.79E-01 | 8.95E-01 | - | - | |
| 139195_at | --- | --- | --- | --- | --- | 2.56 | 2.49 | 2.51 | 2.50 | 2.52 | 2.48 | 2.48 | 2.48 | 1.01 | down | 4.36E-01 | 8.95E-01 | - | - | |
| 138173_at | --- | --- | --- | --- | --- | 2.37 | 2.38 | 2.38 | 2.38 | 2.34 | 2.41 | 2.41 | 2.41 | 1.01 | down | 5.33E-01 | 8.95E-01 | - | - | |
| 139138_at | --- | --- | --- | --- | --- | 2.40 | 2.39 | 2.44 | 2.39 | 2.39 | 2.38 | 2.38 | 2.38 | 1.01 | down | 2.75E-01 | 8.95E-01 | - | - | |
| 137162_at | Acsl1 | acyl-CoA synthetase short-chain family member 1 | 292529 | Rn.98236 | AK17656 | 7.51 | 6.08 | 7.19 | 6.92 | 7.11 | 6.88 | 6.88 | 6.88 | 1.01 | down | 9.66E-01 | 9.90E-01 | - | - | |
| 138096_at | --- | --- | --- | --- | --- | 2.46 | 2.46 | 2.45 | 2.45 | 2.45 | 2.44 | 2.44 | 2.44 | 1.01 | down | 5.62E-01 | 8.95E-01 | - | - | |
| 139273_at | --- | --- | --- | --- | --- | 2.40 | 2.38 | 2.44 | 2.40 | 2.40 | 2.39 | 2.39 | 2.39 | 1.01 | down | 2.71E-01 | 8.95E-01 | - | - | |
| 137237_at | Dna22 | DNA22 mitotic control homolog (S. cerevisiae)-like 2, protochaperin 21 | 416237 | Rn.28187 | AK11782 | 4.09 | 4.49 | 3.71 | 3.52 | 4.02 | 3.20 | 3.20 | 3.20 | 1.01 | down | 9.37E-01 | 9.92E-01 | - | - | |
| 139788_at | Pc2 | protocadherin 21 | 93662 | Rn.19780 | NM_05372 | 2.37 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 2.31 | 2.31 | 1.01 | down | 3.07E-01 | 8.95E-01 | - | - | |
| 139317_at | --- | --- | --- | --- | --- | 2.33 | 2.33 | 2.33 | 2.32 | 2.40 | 2.33 | 2.33 | 2.33 | 1.01 | up | 5.01E-01 | 8.95E-01 | - | - | |
| 139751_at | Cas3c | Cancer susceptibility candidate 3 | 259170 | Rn.162194 | AK05980 | 3.12 | 3.00 | 3.13 | 3.09 | 3.13 | 3.03 | 3.03 | 3.03 | 1.01 | down | 9.39E-01 | 9.91E-01 | - | - | |
| 137904_at | Pip5k1a | phosphatidylinositol-4-phosphate 5-kinase, type 1, alpha | 165505 | Rn.16505 | AK01285 | 7.46 | 7.49 | 7.45 | 7.38 | 7.46 | 7.63 | 7.63 | 7.63 | 1.01 | up | 7.96E-01 | 9.34E-01 | - | - | |
| 139250_at | Rif2a | ring finger protein 2A | 362685 | Rn.36268 | AK01328 | 3.56 | 3.55 | 3.59 | 3.59 | 3.55 | 3.55 | 3.55 | 3.55 | 1.01 | down | 9.85E-01 | 9.95E-01 | - | - | |
| 139222_at | --- | --- | --- | --- | --- | 2.45 | 2.43 | 2.43 | 2.45 | 2.46 | 2.44 | 2.44 | 2.44 | 1.01 | down | 5.43E-01 | 8.95E-01 | - | - | |
| 139650_at | --- | --- | --- | --- | --- | 2.50 | 2.50 | 2.53 | 2.49 | 2.52 | 2.46 | 2.46 | 2.46 | 1.01 | down | 3.70E-01 | 8.95E-01 | - | - | |
| 139378_at | Ca10 | calystatin 10 (chondrocytes) | 392619 | Rn.143783 | AK02926 | 2.42 | 2.42 | 2.46 | 2.42 | 2.46 | 2.46 | 2.46 | 2.46 | 1.01 | down | 4.26E-01 | 8.95E-01 | - | - | |
| 138417_at | --- | --- | --- | --- | --- | 2.42 | 2.40 | 2.43 | 2.38 | 2.42 | 2.40 | 2.40 | 2.40 | 1.01 | down | 1.72E-01 | 8.95E-01 | - | - | |
| 139890_at | Ple1 | phospholipase C, epsilon 1 | 114633 | Rn.64690 | NM_03578 | 2.39 | 2.38 | 2.47 | 2.39 | 2.42 | 2.37 | 2.37 | 2.37 | 1.01 | down | 5.74E-01 | 8.95E-01 | - | - | |
| 137995_at | Rasp1 | rasal protein 1 | 292912 | Rn.23451 | AK01446 | 2.29 | 2.27 | 2.29 | 2.29 | 2.27 | 2.29 | 2.29 | 2.29 | 1.01 | down | 5.33E-01 | 8.95E-01 | - | - | |
| 138444_at | --- | --- | --- | --- | --- | 2.55 | 2.54 | 2.59 | 2.55 | 2.58 | 2.49 | 2.49 | 2.49 | 1.01 | down | 5.43E-01 | 8.95E-01 | - | - | |
| 138424_at | Rbm14 | RNA binding motif protein 14 | 117030 | Rn.10556 | AK05950 | 2.54 | 2.53 | 2.59 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 1.01 | down | 2.39E-01 | 8.95E-01 | - | - | |
| 139673_at | --- | --- | --- | --- | --- | 2.34 | 2.37 | 2.38 | 2.39 | 2.38 | 2.38 | 2.38 | 2.38 | 1.01 | down | 4.17E-01 | 8.95E-01 | - | - | |
| 139890_at | Lgals2 | lectin, galactoside-binding, soluble 2 | 117134 | Rn.10609 | AK04487 | 2.34 | 2.34 | 2.34 | 2.34 | 2.35 | 2.33 | 2.33 | 2.33 | 1.01 | down | 3.94E-01 | 8.95E-01 | - | - | |
| 139876_at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.01 | down | 9.39E-01 | 9.91E-01 | - | - | |
| 139494_at | --- | --- | --- | --- | --- | 2.40 | 2.39 | 2.42 | 2.39 | 2.47 | 2.41 | 2.41 | 2.41 | 1.01 | down | 4.30E-01 | 8.95E-01 | - | - | |
| 138855_at | Smad1 | Smad family member 1 | 308689 | Rn.16277 | AK05078 | 5.17 | 5.03 | 4.47 | 4.47 | 5.03 | 4.47 | 4.47 | 4.47 | 1.01 | down | 9.55E-01 | 9.95E-01 | - | - | |
| 137926_at | RDG15691 | similar to Zinc finger protein 62 homolog (Drosophila) (ZT3) | 497894 | Rn.82478 | BM24478 | 4.18 | 4.41 | 4.45 | 5.08 | 3.49 | 5.42 | 5.42 | 5.42 | 1.01 | down | 9.78E-01 | 9.93E-01 | - | - | |
| 139875_at | --- | --- | --- | --- | --- | 2.67 | 2.66 | 2.76 | 2.67 | 2.72 | 2.66 | 2.66 | 2.66 | 1.01 | down | 6.17E-01 | 8.95E-01 | - | - | |
| 138481_at | --- | --- | --- | --- | --- | 7.18 | 6.18 | 6.28 | 6.28 | 6.18 | 6.28 | 6.28 | 6.28 | 1.01 | down | 9.82E-01 | 9.98E-01 | - | - | |
| 1388123_at | Ptsp2c | prostatic steroid-binding protein C2 | 293731 | Rn.10394 | AK02908 | 2.52 | 2.48 | 2.58 | 2.52 | 2.54 | 2.47 | 2.47 | 2.47 | 1.01 | down | 5.73E-01 | 8.95E-01 | - | - | |
| 139851_at | Col2c | chondrokinin (C-C motif) receptor-like 2 | 316019 | Rn.67232 | AK07090 | 2.30 | 2.29 | 2.29 | 2.29 | 2.30 | 2.29 | 2.29 | 2.29 | 1.01 | down | 3.94E-01 | 8.95E-01 | - | - | |
| 139830_at | --- | --- | --- | --- | --- | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.01 | down | 9.39E-01 | 9.91E-01 | - | - | |
| 139025_at | Ubp2 | UTP16, small subunit (SSU) prosequence component, homolog (yeast) | 360574 | Rn.15907 | AK11274 | 2.39 | 2.37 | 2.39 | 2.38 | 2.44 | 2.39 | 2.39 | 2.39 | 1.01 | down | 3.45E-01 | 8.95E-01 | - | - | |
| 139855_at | Ng2 | Neuropilin-2, type 2 | 292912 | Rn.145144 | AK05078 | 4.75 | 4.75 | 4.75 | 4.48 | 4.68 | 5.02 | 5.02 | 5.02 | 1.01 | down | 9.56E-01 | 9.95E-01 | - | - | |
| 1399504_at | --- | --- | --- | --- | --- | 2.47 | 2.44 | 2.4 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|-------------|-------------|--|---------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Cnl) | SEPA (Cnl) | SEPB (Cnl) | SEPC (Cnl) | SEPD (Cnl) | SEPE (Cnl) | SEPF (Cnl) | SEPG (Cnl) | SEPH (Cnl) | SEPI (Cnl) | | | | | | |
| 139738_at | --- | --- | --- | Rn.107767 | BF141612 | 2.59 | 2.55 | 2.62 | 2.54 | 2.65 | 2.50 | 2.61 | 2.51 | 1.01 | down | 2.76E-01 | 9.13E-01 | --- | --- | | |
| 139827_at | Slc26a2 | solute carrier family 28 (sodium-coupled nucleoside transporter), member 2 | 60423 | Rn.10140 | NM_019684 | 2.63 | 2.58 | 2.65 | 2.66 | 2.64 | 2.61 | 2.61 | 1.01 | up | 5.07E-01 | 8.95E-01 | --- | --- | | | |
| 139830_s_at | beta 4A | --- | --- | Rn.78016 | NM_020338 | 2.38 | 2.36 | 2.40 | 2.37 | 2.36 | 2.37 | 2.36 | 1.01 | down | 6.30E-01 | 8.95E-01 | --- | --- | | | |
| 139879_at | --- | --- | --- | Rn.202638 | AA988000 | 2.49 | 2.47 | 2.53 | 2.48 | 2.51 | 2.45 | 2.45 | 1.01 | down | 5.18E-01 | 8.95E-01 | --- | --- | | | |
| 139935_at | --- | --- | --- | Rn.197105 | BF131053 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 4.37 | 1.01 | down | 9.02E-01 | 8.95E-01 | --- | --- | | | |
| 139941_at | RGD156382 | similar to F-box only protein 27 | 499114 | Rn.105666 | AI599302 | 2.28 | 2.28 | 2.34 | 2.28 | 2.29 | 2.27 | 2.27 | 1.01 | down | 4.10E-01 | 8.95E-01 | --- | --- | | | |
| 139923_at | --- | --- | --- | Rn.119954 | BF139483 | 2.50 | 2.47 | 2.54 | 2.48 | 2.52 | 2.45 | 2.45 | 1.01 | down | 5.67E-01 | 8.95E-01 | --- | --- | | | |
| 139920_at | --- | --- | --- | Rn.119954 | BF139483 | 2.55 | 2.53 | 2.57 | 2.55 | 2.56 | 2.55 | 2.55 | 1.01 | down | 5.67E-01 | 8.95E-01 | --- | --- | | | |
| 139930_at | Cnm1f | crooked neck pre-mRNA splicing factor-like 1 (Drosophila) | 116481 | Rn.162694 | NM_053797 | 5.47 | 6.32 | 5.60 | 5.99 | 5.55 | 6.80 | 6.01 | 1.01 | down | 9.71E-01 | 9.92E-01 | --- | --- | | | |
| 139932_at | --- | --- | --- | Rn.218632 | BF139483 | 2.40 | 2.43 | 2.42 | 2.40 | 2.43 | 2.40 | 2.40 | 1.01 | down | 1.88E-01 | 8.95E-01 | --- | --- | | | |
| 139933_at | Myip | myosin VIIA and Rab interacting protein | 360304 | Rn.207001 | BI249440 | 2.61 | 2.55 | 2.61 | 2.69 | 2.61 | 2.52 | 2.51 | 1.01 | down | 7.37E-01 | 8.95E-01 | --- | --- | | | |
| 139921_at | RGD1564972 | guanine nucleoside binding protein-like 1 | 499666 | --- | BM384766 | 2.30 | 2.30 | 2.35 | 2.30 | 2.31 | 2.29 | 2.29 | 1.01 | down | 3.29E-01 | 8.95E-01 | --- | --- | | | |
| 139922_at | RGD1504693 | similar to GC14803-PA | 311308 | Rn.23932 | BI282840 | 2.32 | 2.31 | 2.39 | 2.32 | 2.32 | 2.32 | 2.32 | 1.01 | down | 4.96E-01 | 8.95E-01 | --- | --- | | | |
| 139891_at | Gn1f | guanine nucleoside binding protein-like 1 | 309593 | Rn.35325 | GC379297 | 4.66 | 4.37 | 4.22 | 4.48 | 4.45 | 4.37 | 4.37 | 1.01 | up | 8.86E-01 | 9.67E-01 | --- | --- | | | |
| 139920_at | Spy3 | spiry homolog 3 (Drosophila) | 498159 | Rn.141220 | AW530200 | 2.39 | 2.39 | 2.42 | 2.39 | 2.39 | 2.36 | 2.36 | 1.01 | down | 2.66E-01 | 8.95E-01 | --- | --- | | | |
| 139894_at | Kcnj2b | potassium inwardly-rectifying channel, subfamily H (eag-related), member 2 | 190720 | Rn.190720 | NM_053949 | 2.39 | 2.42 | 2.39 | 2.38 | 2.39 | 2.37 | 2.37 | 1.01 | down | 2.45E-01 | 8.95E-01 | --- | --- | | | |
| 139775_at | --- | --- | --- | Rn.31654 | A124627 | 2.52 | 2.49 | 2.55 | 2.50 | 2.54 | 2.47 | 2.47 | 1.01 | down | 5.46E-01 | 8.95E-01 | --- | --- | | | |
| 139776_at | --- | --- | --- | Rn.107105 | AB073758 | 2.48 | 2.48 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 1.01 | up | 7.63E-01 | 9.22E-01 | --- | --- | | | |
| 139777_at | Cepl1 | choline/acetylcholine phosphotransferase 1 | 310773 | Rn.2636 | BM354001 | 6.05 | 6.25 | 6.76 | 6.28 | 6.28 | 6.44 | 6.44 | 1.01 | down | 8.37E-01 | 8.62E-01 | --- | --- | | | |
| 138461_at | RGD156551 | similar to RIKEN cDNA 4833418A01 | 499807 | Rn.21777 | BF102502 | 2.35 | 2.35 | 2.42 | 2.35 | 2.37 | 2.34 | 2.34 | 1.01 | down | 4.78E-01 | 8.95E-01 | --- | --- | | | |
| 138032_at | --- | --- | --- | Rn.161974 | BF149438 | 2.46 | 2.45 | 2.49 | 2.44 | 2.46 | 2.42 | 2.42 | 1.01 | down | 3.23E-01 | 8.95E-01 | --- | --- | | | |
| 138493_at | --- | --- | --- | Rn.171280 | BE120370 | 2.45 | 2.43 | 2.48 | 2.44 | 2.46 | 2.42 | 2.42 | 1.01 | down | 4.13E-01 | 8.95E-01 | --- | --- | | | |
| 138726_at | --- | --- | --- | Rn.11932 | NM_017335 | 2.43 | 2.31 | 2.38 | 2.33 | 2.33 | 2.31 | 2.31 | 1.01 | down | 3.92E-01 | 8.95E-01 | --- | --- | | | |
| 139798_at | --- | --- | --- | Rn.219768 | BF139561 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 1.01 | down | 2.95E-01 | 8.95E-01 | --- | --- | | | |
| 139591_at | --- | --- | --- | Rn.159915 | BF146502 | 2.37 | 2.38 | 2.37 | 2.36 | 2.37 | 2.34 | 2.34 | 1.01 | down | 4.56E-02 | 8.95E-01 | --- | --- | | | |
| 139847_at | Muc2f | mucopolysaccharide ribosomal protein L27 | 297335 | Rn.18446 | BF282001 | 6.85 | 7.95 | 7.25 | 7.06 | 7.33 | 7.71 | 7.71 | 1.01 | down | 9.63E-01 | 9.96E-01 | --- | --- | | | |
| 137116_at | Fau | Finkel-Biskis-Reilly murine sarcoma virus (FBR-MSV) ubiquitously expressed | 29752 | Rn.5998 | A117362 | 11.69 | 11.50 | 11.47 | 11.48 | 11.49 | 11.69 | 11.69 | 1.01 | down | 8.47E-01 | 9.52E-01 | --- | --- | | | |
| 137126_at | Col2a1 | collagen, type II, alpha 1 | 25412 | Rn.10124 | AF305418 | 2.40 | 2.39 | 2.41 | 2.39 | 2.41 | 2.35 | 2.35 | 1.01 | down | 3.81E-01 | 8.95E-01 | --- | --- | | | |
| 138965_at | Tgn1f | trans-golg network protein | 150152 | Rn.13949 | AA798818 | 9.15 | 9.07 | 9.05 | 9.36 | 9.05 | 9.42 | 9.42 | 1.01 | down | 9.08E-01 | 9.78E-01 | --- | --- | | | |
| 138174_at | Tcb2 | TBC1 domain family, member 9B | 360520 | Rn.137185 | BE099215 | 2.58 | 2.57 | 2.61 | 2.58 | 2.58 | 2.66 | 2.66 | 1.01 | up | 5.65E-01 | 8.95E-01 | --- | --- | | | |
| 138603_at | LOC59220 | similar to mortality factor 4 like 1 isoform b | 309220 | Rn.112847 | BF128646 | 2.46 | 2.44 | 2.40 | 2.43 | 2.48 | 2.42 | 2.42 | 1.01 | down | 5.72E-01 | 8.95E-01 | --- | --- | | | |
| 138174_at | --- | --- | --- | Rn.109527 | NM_031972 | 2.40 | 2.39 | 2.43 | 2.39 | 2.40 | 2.38 | 2.38 | 1.01 | down | 2.34E-01 | 8.95E-01 | --- | --- | | | |
| 138130_at | Adh3a1 | aldehyde dehydrogenase 3 family, member A1 | 25375 | Rn.108627 | NM_019522 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 1.01 | down | 15.15E-01 | 8.95E-01 | --- | --- | | | |
| 138130_at | Pa19 | pregnancy specific glycoprotein 19 | 24256 | Rn.108627 | NM_019522 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 1.01 | down | 15.15E-01 | 8.95E-01 | --- | --- | | | |
| 138969_at | --- | --- | --- | --- | BI207876 | 2.55 | 2.53 | 2.59 | 2.53 | 2.57 | 2.51 | 2.51 | 1.01 | down | 5.19E-01 | 8.95E-01 | --- | --- | | | |
| 138968_at | --- | --- | --- | Rn.30605 | AI101312 | 2.51 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 2.51 | 1.01 | down | 8.84E-01 | 9.67E-01 | --- | --- | | | |
| 139104_at | Sma2f | small ANKAP2 | 298500 | Rn.415802 | BF141830 | 2.47 | 2.47 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 1.01 | down | 5.63E-01 | 8.95E-01 | --- | --- | | | |
| 139849_at | Tap1 | transducer 1, ATP-binding cassette, sub-family B (MDR/TP) | 24811 | Rn.10763 | X57523 | 2.53 | 2.53 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 1.01 | down | 4.14E-01 | 8.95E-01 | --- | --- | | | |
| 138461_at | Delc4 | delta class beta 24 | 141833 | Rn.141833 | BF102065 | 2.41 | 2.39 | 2.45 | 2.41 | 2.45 | 2.42 | 2.42 | 1.01 | down | 4.27E-01 | 8.95E-01 | --- | --- | | | |
| 139360_at | Ce1n1 | centrin 1 | 64592 | Rn.74781 | BE103209 | 2.44 | 2.44 | 2.46 | 2.45 | 2.50 | 2.46 | 2.46 | 1.01 | down | 3.59E-01 | 8.95E-01 | --- | --- | | | |
| 139444_at | Cyp19a1 | cytochrome P450, family 19, subfamily A, polypeptide 1 | 29147 | Rn.21402 | NM_017085 | 2.30 | 2.32 | 2.32 | 2.30 | 2.40 | 2.30 | 2.30 | 1.01 | up | 6.14E-01 | 8.95E-01 | --- | --- | | | |
| 138763_at | Slc22a3 | solute carrier family 12 (odium/potassium/calcium transporters), member 2 | 83829 | Rn.11523 | NM_031748 | 4.10 | 4.18 | 4.24 | 4.15 | 4.18 | 4.24 | 4.24 | 1.01 | down | 8.74E-01 | 9.92E-01 | --- | --- | | | |
| 138231_at | Mcp3 | major histocompatibility complex class II, invariant chain, polypeptide 3 | 25244 | Rn.205841 | U87888 | 2.53 | 2.48 | 2.52 | 2.48 | 2.53 | 2.46 | 2.46 | 1.01 | down | 5.13E-01 | 8.95E-01 | --- | --- | | | |
| 139763_at | --- | --- | --- | Rn.152124 | BF142862 | 2.48 | 2.47 | 2.50 | 2.47 | 2.48 | 2.45 | 2.45 | 1.01 | down | 3.11E-01 | 8.95E-01 | --- | --- | | | |
| 138943_at | --- | --- | --- | Rn.172919 | BF144449 | 2.37 | 2.37 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.01 | down | 4.30E-01 | 8.95E-01 | --- | --- | | | |
| 137917_at | --- | --- | --- | Rn.52558 | BF145415 | 2.44 | 2.42 | 2.48 | 2.43 | 2.44 | 2.40 | 2.40 | 1.01 | down | 4.36E-01 | 8.95E-01 | --- | --- | | | |
| 138247_at | --- | --- | --- | Rn.168488 | AD071766 | 2.44 | 2.43 | 2.47 | 2.43 | 2.44 | 2.43 | 2.43 | 1.01 | down | 5.55E-01 | 8.95E-01 | --- | --- | | | |
| 137840_at | Fam122b | family with sequence similarity 122B | 501647 | Rn.15660 | AI170395 | 2.43 | 2.43 | 2.43 | 2.43 | 2.49 | 2.43 | 2.43 | 1.01 | down | 4.70E-01 | 8.95E-01 | --- | --- | | | |
| 139480_at | --- | --- | --- | --- | AB35379 | 2.54 | 2.51 | 2.59 | 2.54 | 2.57 | 2.47 | 2.47 | 1.01 | down | 6.56E-01 | 9.98E-01 | --- | --- | | | |
| 138943_at | --- | --- | --- | Rn.204945 | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | Rn.36064 | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | Rn.18956 | AW530083 | 2.49 | 2.48 | 2.50 | 2.48 | 2.49 | 2.45 | 2.45 | 1.01 | down | 2.71E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1.01 | down | 6.13E-01 | 8.95E-01 | --- | --- | | | |
| 138472_at | --- | --- | --- | --- | BF379837 | 2.61 | 2.56 | 2.64 | 2.60 | 2.67 | 2.59 | 2.59 | 1. | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | | FCRAhouse | Resuspension | Unpaired t-test vs. Cilia (p-values) | REG | MTC |
|------------|------------------------|--|-----------------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------------------------------------|-----|-----|
| | | | | | | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | | | | | |
| 1397149_at | --- | --- | --- | --- | BF395834 | 2.37 | 2.36 | 2.37 | 2.34 | 2.35 | 2.37 | 2.34 | 1.01 | up | 6.28E-01 | 9.55E-01 | --- | --- | | |
| 1397150_at | Hpk4 | homeodomain interacting protein kinase 4 | 308449 | Rn.41108 | BF389848 | 2.34 | 2.33 | 2.39 | 2.33 | 2.34 | 2.33 | 1.01 | down | 4.20E-01 | 9.55E-01 | --- | --- | | | |
| 1397151_at | --- | --- | --- | --- | Rn.204496 | 2.39 | 2.39 | 2.34 | 2.37 | 2.34 | 2.34 | 1.01 | down | 3.62E-01 | 9.55E-01 | --- | --- | | | |
| 1397152_at | Podcn // Spoz2 | podocan // steric carrier protein 2 | 25541 // 313483 | Rn.31887 | MG2763 | 9.82 | 10.11 | 9.74 | 9.75 | 10.00 | 9.97 | 1.01 | up | 9.10E-01 | 9.73E-01 | --- | --- | | | |
| 1397153_at | LOC208918 // LOC208918 | histone cluster 1, H2b1 // similar to histone 2a // similar to Histone H2A type 2 // similar to H2A type 2 | 25541 // 313483 | Rn.198555 | MG2763 | 9.82 | 10.11 | 9.74 | 9.75 | 10.00 | 9.97 | 1.01 | down | 6.51E-01 | 9.73E-01 | --- | --- | | | |
| 1397154_at | Nkx2-3 | NK2 transcription factor related, locus 3 (Drosophila) | 309389 | Rn.91986 | BF200088 | 2.51 | 2.50 | 2.52 | 2.50 | 2.52 | 2.46 | 1.01 | down | 4.23E-01 | 9.55E-01 | --- | --- | | | |
| 1397155_at | --- | --- | --- | --- | Rn.205572 | 2.46 | 2.46 | 2.50 | 2.46 | 2.46 | 2.42 | 1.01 | down | 5.43E-01 | 9.55E-01 | --- | --- | | | |
| 1397156_at | --- | --- | --- | --- | Rn.533986 | 4.04 | 4.14 | 4.14 | 4.15 | 3.99 | 4.14 | 1.01 | down | 4.84E-01 | 9.55E-01 | --- | --- | | | |
| 1397157_at | Moga2 | MAM domain containing glycosylphosphatidylinositol anchor 2 | 314180 | Rn.200907 | AA54542 | 2.59 | 2.55 | 2.58 | 2.58 | 2.64 | 2.55 | 1.01 | up | 6.02E-01 | 9.55E-01 | --- | --- | | | |
| 1397158_at | Nescln1 | N-terminal EF-hand calcium binding protein 1 | 64169 | Rn.64169 | NM_023282 | 2.38 | 2.42 | 2.39 | 2.38 | 2.40 | 2.38 | 1.01 | down | 1.86E-01 | 9.55E-01 | --- | --- | | | |
| 1397159_at | Dgbr2 | DGeorge syndrome critical region gene 2 | 75202 | Rn.10246 | NM_034379 | 2.39 | 2.37 | 2.41 | 2.37 | 2.39 | 2.36 | 1.01 | down | 3.54E-01 | 9.55E-01 | --- | --- | | | |
| 1397160_at | Dgbr1 | DGeorge syndrome critical region gene 1 | 303794 | Rn.22467 | BF284776 | 9.14 | 9.21 | 8.84 | 8.97 | 9.06 | 9.12 | 1.01 | down | 8.97E-01 | 9.55E-01 | --- | --- | | | |
| 1397161_at | --- | --- | --- | --- | Rn.148165 | AW912555 | 2.62 | 2.38 | 2.40 | 2.38 | 2.39 | 2.67 | 1.01 | up | 8.88E-01 | 9.55E-01 | --- | --- | | |
| 1397162_at | --- | --- | --- | --- | Rn.43478 | AA54786 | 2.31 | 2.30 | 2.31 | 2.30 | 2.38 | 2.12 | 1.01 | up | 6.08E-01 | 9.55E-01 | --- | --- | | |
| 1397163_at | Cux1 | Cut-like homeobox 1 | 116639 | Rn.146681 | BF395309 | 2.37 | 2.35 | 2.38 | 2.37 | 2.37 | 2.31 | 1.01 | down | 4.96E-01 | 9.55E-01 | --- | --- | | | |
| 1397164_at | H2-T24 | histocompatibility 2, T region locus 24 | 41484 | --- | AI21054 | 3.56 | 3.55 | 4.91 | 4.65 | 3.56 | 3.76 | 1.01 | down | 9.78E-01 | 9.55E-01 | --- | --- | | | |
| 1397165_at | --- | --- | --- | --- | Rn.520285 | 7.80 | 7.73 | 8.07 | 8.04 | 7.72 | 7.59 | 1.01 | down | 8.28E-01 | 9.55E-01 | --- | --- | | | |
| 1397166_at | --- | --- | --- | --- | Rn.43509 | BF35247 | 2.45 | 2.42 | 2.45 | 2.43 | 2.44 | 2.41 | 1.01 | down | 2.85E-01 | 9.55E-01 | --- | --- | | |
| 1397167_at | --- | --- | --- | --- | Rn.38662 | AW56002 | 2.37 | 2.36 | 2.39 | 2.43 | 2.38 | 2.36 | 1.01 | up | 4.75E-01 | 9.55E-01 | --- | --- | | |
| 1397168_at | --- | --- | --- | --- | Rn.100344 | AR709992 | 2.71 | 2.69 | 2.73 | 2.69 | 2.72 | 2.67 | 1.01 | down | 3.94E-01 | 9.55E-01 | --- | --- | | |
| 1397169_at | --- | --- | --- | --- | Rn.384403 | BF287903 | 2.54 | 2.52 | 2.53 | 2.52 | 2.54 | 2.47 | 1.01 | down | 4.58E-01 | 9.55E-01 | --- | --- | | |
| 1397170_at | --- | --- | --- | --- | Rn.199775 | BE102708 | 2.44 | 2.42 | 2.48 | 2.43 | 2.45 | 2.41 | 1.01 | down | 4.22E-01 | 9.55E-01 | --- | --- | | |
| 1397171_at | --- | --- | --- | --- | Rn.92669 | AW59499 | 2.47 | 2.46 | 2.56 | 2.46 | 2.53 | 2.42 | 1.01 | down | 7.32E-01 | 9.55E-01 | --- | --- | | |
| 1397172_at | --- | --- | --- | --- | Rn.9809 | NM_031610 | 2.42 | 2.41 | 2.42 | 2.40 | 2.49 | 2.41 | 1.01 | up | 5.88E-01 | 9.55E-01 | --- | --- | | |
| 1397173_at | --- | --- | --- | --- | Rn.52468 | AW59499 | 2.47 | 2.46 | 2.56 | 2.46 | 2.53 | 2.42 | 1.01 | down | 7.32E-01 | 9.55E-01 | --- | --- | | |
| 1397174_at | --- | --- | --- | --- | Rn.12052 | AW07045 | 2.28 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.01 | down | 3.21E-01 | 9.55E-01 | --- | --- | | |
| 1397175_at | --- | --- | --- | --- | Rn.207728 | BE103683 | 2.59 | 2.71 | 2.58 | 2.79 | 2.57 | 2.56 | 1.01 | up | 8.75E-01 | 9.55E-01 | --- | --- | | |
| 1397176_at | --- | --- | --- | --- | Rn.208324 | AW59145 | 2.42 | 2.41 | 2.43 | 2.41 | 2.42 | 2.38 | 1.01 | down | 2.72E-01 | 9.55E-01 | --- | --- | | |
| 1397177_at | --- | --- | --- | --- | Rn.108323 | BF415852 | 2.47 | 2.44 | 2.52 | 2.47 | 2.48 | 2.42 | 1.01 | down | 5.80E-01 | 9.55E-01 | --- | --- | | |
| 1397178_at | --- | --- | --- | --- | Rn.103375 | BE103375 | 2.44 | 2.42 | 2.46 | 2.43 | 2.43 | 2.41 | 1.01 | down | 2.45E-01 | 9.55E-01 | --- | --- | | |
| 1397179_at | --- | --- | --- | --- | Rn.172718 | BC31788 | 3.79 | 3.76 | 3.80 | 3.85 | 3.79 | 3.75 | 1.01 | down | 8.15E-01 | 9.55E-01 | --- | --- | | |
| 1397180_at | --- | --- | --- | --- | Rn.172718 | AT11287 | 2.48 | 2.49 | 2.48 | 2.48 | 2.48 | 2.44 | 1.01 | down | 2.72E-01 | 9.55E-01 | --- | --- | | |
| 1397181_at | --- | --- | --- | --- | Rn.172718 | BE103375 | 2.44 | 2.42 | 2.46 | 2.43 | 2.43 | 2.41 | 1.01 | down | 2.45E-01 | 9.55E-01 | --- | --- | | |
| 1397182_at | --- | --- | --- | --- | Rn.172718 | AT11287 | 2.48 | 2.49 | 2.48 | 2.48 | 2.48 | 2.44 | 1.01 | down | 2.72E-01 | 9.55E-01 | --- | --- | | |
| 1397183_at | --- | --- | --- | --- | Rn.172718 | BE103375 | 2.44 | 2.42 | 2.46 | 2.43 | 2.43 | 2.41 | 1.01 | down | 2.45E-01 | 9.55E-01 | --- | --- | | |
| 1397184_at | --- | --- | --- | --- | Rn.92761 | AW08726 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.38 | 1.01 | up | 3.58E-01 | 9.55E-01 | --- | --- | | |
| 1397185_at | Nr2f1 | nuclear receptor subfamily 2, group C, member 1 | 225204 | Rn.79894 | BQ291300 | 2.48 | 2.45 | 2.50 | 2.45 | 2.49 | 2.43 | 1.01 | down | 5.25E-01 | 9.55E-01 | --- | --- | | | |
| 1397186_at | Ubr2c2 | ubiquitin-conjugating enzyme E2c (ubiquitin 2) | 303055 | Rn.135128 | H52128 | 6.17 | 6.10 | 6.21 | 6.84 | 6.17 | 6.20 | 1.01 | down | 8.27E-01 | 9.55E-01 | --- | --- | | | |
| 1397187_at | --- | --- | --- | --- | Rn.43318 | BE111891 | 2.50 | 2.50 | 2.56 | 2.50 | 2.52 | 2.50 | 1.01 | down | 4.98E-01 | 9.55E-01 | --- | --- | | |
| 1397188_at | Lgr4 | leucine-related gene 4 | 255161 | Rn.58356 | AW59145 | 2.41 | 2.41 | 2.46 | 2.41 | 2.46 | 2.40 | 1.01 | down | 4.73E-01 | 9.55E-01 | --- | --- | | | |
| 1397189_at | Fzr1 | fzycell division cycle 20 related 1 (Drosophila) | 314842 | Rn.12924 | AW09916 | 3.74 | 4.02 | 3.84 | 3.76 | 3.65 | 4.25 | 1.01 | up | 9.38E-01 | 9.55E-01 | --- | --- | | | |
| 1397190_at | Lzr1 | leucine-zipper-like transcription regulator 1 | 360745 | Rn.15759 | BE098059 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 2.26 | 1.01 | down | 9.84E-02 | 9.55E-01 | --- | --- | | | |
| 1397191_at | Hsv2 | 155kDa glycoprotein of split-related with YPSP motif 2 | 354430 | Rn.58872 | BF38685 | 2.45 | 2.45 | 2.47 | 2.45 | 2.45 | 2.41 | 1.01 | down | 4.24E-01 | 9.55E-01 | --- | --- | | | |
| 1397192_at | Ino80b | INO80 complex subunit B | 500225 | Rn.106816 | BF406124 | 2.49 | 2.52 | 2.60 | 2.48 | 2.55 | 2.52 | 1.01 | down | 6.88E-01 | 9.55E-01 | --- | --- | | | |
| 1397193_at | Sh3bp2 | SH3 domain binding glutamic acid-rich protein 2 | 302034 | Rn.20304 | BF392155 | 2.51 | 2.48 | 2.53 | 2.49 | 2.52 | 2.45 | 1.01 | down | 5.56E-01 | 9.55E-01 | --- | --- | | | |
| 1397194_at | Rhobt3 | Rho-related BTB domain containing 3 | 309922 | Rn.74134 | BF524822 | 2.42 | 2.45 | 2.42 | 2.41 | 2.42 | 2.41 | 1.01 | down | 1.89E-01 | 9.55E-01 | --- | --- | | | |
| 1397195_at | Tsp1 | 155kDa glycoprotein of split-related with YPSP motif 1 | 316233 | Rn.18395 | BF38685 | 2.45 | 2.45 | 2.47 | 2.45 | 2.45 | 2.41 | 1.01 | down | 4.73E-01 | 9.55E-01 | --- | --- | | | |
| 1397196_at | Krtap14 | keratin associated protein 14 like | 363739 | --- | AI59544 | 2.52 | 2.32 | 2.34 | 2.32 | 2.33 | 2.37 | 1.01 | up | 4.00E-01 | 9.55E-01 | --- | --- | | | |
| 1397197_at | Ank2 | ankyrin 2 | 382036 | Rn.133311 | AI234953 | 2.51 | 2.45 | 2.52 | 2.47 | 2.48 | 2.47 | 1.01 | down | 5.02E-01 | 9.55E-01 | --- | --- | | | |
| 1397198_at | --- | --- | --- | --- | Rn.133311 | BF36303 | 2.52 | 2.31 | 2.33 | 2.32 | 2.31 | 2.31 | 1.01 | down | 6.22E-01 | 9.55E-01 | --- | --- | | |
| 1397199_at | Sc3f74 | scrofulin family protein 7 (glucocorticoid-phosphate transporter), member 4 | 29573 | Rn.1592 | NM_015189 | 8.73 | 8.78 | 9.29 | 8.85 | 8.92 | 8.98 | 1.01 | down | 9.31E-01 | 9.55E-01 | --- | --- | | | |
| 1397200_at | Misp3 | microfibrillar-associated protein 3 | 287289 | Rn.163118 | BE588073 | 3.01 | 3.02 | 3.21 | 3.02 | 3.02 | 3.01 | 1.01 | down | 8.34E-01 | 9.55E-01 | --- | --- | | | |
| 1397201_at | Clnb7 | clnbin7 | 51532 | Rn.32259 | AI011811 | 2.40 | 2.40 | 2.45 | 2.40 | 2.45 | 2.41 | 1.01 | down | 3.32E-01 | 9.55E-01 | --- | --- | | | |
| 1397202_at | --- | --- | --- | --- | Rn.173234 | BF404227 | 2.42 | 2.40 | 2.44 | 2.38 | 2.42 | 2.41 | 1.01 | down | 4.13E-01 | 9.55E-01 | --- | --- | | |
| 1397203_at | --- | --- | --- | --- | Rn.8858 | AW62422 | 5.10 | 5.10 | 5.16 | 4.87 | 5.46 | 5.08 | 1.01 | up | 9.28E-01 | 9.55E-01 | --- | --- | | |
| 1397204_at | --- | --- | --- | --- | Rn.172927 | BM387110 | 4.46 | 4.36 | 4.55 | 4.45 | 4.46 | 4.50 | 1.01 | up | 7.81E-01 | 9.55E-01 | --- | --- | | |
| 1397205_at | --- | --- | --- | --- | Rn.173169 | BF406259 | 2.56 | 2.55 | 2.61 | 2.51 | 2.51 | 2.51 | 1.01 | down | 6.22E-01 | 9.55E-01 | --- | --- | | |
| 1397206_at | --- | --- | --- | --- | Rn.34842 | AA987838 | 2.43 | 2.41 | 2.47 | 2.42 | 2.45 | 2.40 | 1.01 | down | 4.69E-01 | 9.55E-01 | --- | --- | | |
| 1397207_at | --- | --- | --- | --- | Rn.33656 | AW91999 | 2.45 | 2.34 | 2.45 | 2.47 | 2.47 | 2.45 | 1.01 | down | 5.78E-01 | 9.55E-01 | --- | --- | | |
| 1397208_at | --- | --- | --- | --- | Rn.139100 | --- | 2.79 | 2.79 | 2.76 | 2.83 | 2.80 | 2.77 | 1.01 | down | 4.88E-01 | 9.55E-01 | --- | --- | | |
| 1397209_at | --- | --- | --- | --- | Rn.191760 | AW96557 | 2.44 | 2.39 | 2.41 | 2.39 | 2.43 | 2.37 | 1.01 | down | 5.06E-01 | 9.55E-01 | --- | --- | | |
| 1397210_at | --- | --- | --- | --- | Rn.20100 | AW92557 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.41 | 1.01 | down | 4.24E-01 | 9.55E-01 | --- | --- | | |
| 1397211_at | LOC100188933 | hypothetical protein LOC100188933 | 100188933 | Rn.47244 | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test (vs. Ctrl) (log2) | | REG | MTC | |
|------------|-------------|--|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------------------------------|-----------|----------|-----|-----------|
| | | | | | | SEPS3 (Cn) | SEPA (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | | | SEPF (Cn) | SEPG (Cn) | | | FC/Abouse |
| 1397116 | --- | --- | --- | --- | BF141388 | 2.46 | 2.46 | 2.46 | 2.47 | 2.42 | 2.01 | down | 6.32E-01 | 8.95E-01 | --- | --- | | |
| 1372118 | Nsg2 | neuron specific gene family member 2 | 497878 | Rn.14657 | BI021674 | 2.43 | 2.41 | 2.44 | 2.41 | 2.42 | 2.40 | down | 1.81E-01 | 8.95E-01 | --- | --- | | |
| 1389892 | --- | --- | --- | --- | A114311 | 4.35 | 4.31 | 4.41 | 4.41 | 4.45 | 1.01 | down | 5.80E-01 | 8.95E-01 | --- | --- | | |
| 1381747 | --- | --- | --- | --- | Rn.207239 | 2.40 | 2.40 | 2.47 | 2.53 | 2.48 | 2.51 | 2.45 | 1.01 | down | 5.80E-01 | 8.95E-01 | --- | --- |
| 13708117 | Klc1 | growth factor receptor bound protein 2 | 4504 | Rn.15464 | BM385105 | 2.46 | 2.47 | 2.46 | 2.41 | 2.44 | 2.39 | 1.01 | up | 4.74E-01 | 8.95E-01 | --- | --- | |
| 1368873 | Hoxa2 | homeobox A2 | 20452 | Rn.91077 | NM_012581 | 2.28 | 2.27 | 2.28 | 2.28 | 2.23 | 2.27 | 1.01 | up | 4.47E-01 | 8.95E-01 | --- | --- | |
| 1370883_8 | Klc1 | kinase light chain 1 | 171041 | Rn.106230 | AK579961 | 2.23 | 2.29 | 2.28 | 2.27 | 2.19 | 2.39 | 1.01 | down | 8.96E-01 | 8.95E-01 | --- | --- | |
| 1381444 | --- | --- | --- | --- | Rn.571290 | BM385105 | 2.26 | 2.28 | 2.27 | 2.28 | 2.27 | 2.28 | 1.01 | down | 8.96E-01 | 8.95E-01 | --- | --- |
| 1382553 | RvR3 | Regulatory factor X.3 (influenza HA class II expression) | 381746 | Rn.23347 | AI137120 | 2.63 | 2.62 | 2.66 | 2.62 | 2.62 | 2.61 | 1.01 | down | 3.74E-01 | 8.95E-01 | --- | --- | |
| 1391108 | Znf593 | Zinc finger protein 593 | 298546 | Rn.147537 | BI289413 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.40 | 1.01 | down | 3.91E-01 | 8.95E-01 | --- | --- | |
| 1394249 | --- | --- | --- | --- | Rn.173626 | BF143088 | 2.42 | 2.40 | 2.45 | 2.41 | 2.42 | 2.39 | 1.01 | down | 3.98E-01 | 8.95E-01 | --- | --- |
| 1384002 | --- | --- | --- | --- | Rn.99794 | AK171339 | 2.59 | 2.57 | 2.61 | 2.56 | 2.60 | 2.57 | 1.01 | down | 3.75E-01 | 8.95E-01 | --- | --- |
| 1385888 | --- | --- | --- | --- | --- | BI287225 | 2.27 | 2.26 | 2.27 | 2.27 | 2.23 | 2.26 | 1.01 | up | 4.98E-01 | 8.95E-01 | --- | --- |
| 1375911 | Tam1 | T-cell lymphoma invasion and metastasis 1 | 304109 | Rn.20461 | BE106856 | 2.45 | 2.42 | 2.52 | 2.44 | 2.50 | 2.41 | 1.01 | down | 7.08E-01 | 9.09E-01 | --- | --- | |
| 1383930 | Pcat11g | peroxisomal biogenesis factor 11 gamma | 298309 | Rn.13846 | BF049471 | 2.58 | 2.07 | 2.71 | 2.58 | 2.32 | 2.51 | 1.01 | down | 8.95E-01 | 8.95E-01 | --- | --- | |
| 1392336 | --- | --- | --- | --- | --- | AI15444 | 2.44 | 2.47 | 2.45 | 2.44 | 2.45 | 2.43 | 1.01 | down | 2.15E-01 | 8.95E-01 | --- | --- |
| 1373702 | RGD1502099 | similar to MYST histone acetyltransferase monocytic leukemia 4 | 305181 | Rn.221977 | BE097698 | 2.26 | 2.25 | 2.27 | 2.26 | 2.26 | 2.25 | 1.01 | down | 4.39E-01 | 8.95E-01 | --- | --- | |
| 1394100 | Ffar2 | free fatty acid receptor 2 | 292794 | Rn.171906 | AK012591 | 2.47 | 2.45 | 2.49 | 2.46 | 2.46 | 2.45 | 1.01 | down | 2.38E-01 | 8.95E-01 | --- | --- | |
| 1397095 | --- | --- | --- | --- | Rn.207542 | BF141970 | 2.40 | 2.39 | 2.42 | 2.39 | 2.40 | 2.37 | 1.01 | down | 2.97E-01 | 8.95E-01 | --- | --- |
| 1393842 | Golyn | highly-biogenic protein | 590605 | Rn.99794 | AK171339 | 2.59 | 2.57 | 2.61 | 2.56 | 2.60 | 2.57 | 1.01 | down | 5.10E-01 | 8.95E-01 | --- | --- | |
| 1395509 | --- | --- | --- | --- | Rn.108008 | BG566117 | 2.44 | 2.44 | 2.46 | 2.44 | 2.51 | 2.44 | 1.01 | up | 5.33E-01 | 8.95E-01 | --- | --- |
| 1377529 | --- | --- | --- | --- | Rn.210409 | BF404045 | 2.47 | 2.45 | 2.51 | 2.46 | 2.49 | 2.43 | 1.01 | down | 5.73E-01 | 8.95E-01 | --- | --- |
| 1389141 | --- | --- | --- | --- | Rn.152072 | BM385105 | 2.53 | 2.49 | 2.57 | 2.52 | 2.52 | 2.45 | 1.01 | up | 7.25E-01 | 9.13E-01 | --- | --- |
| 1394744 | Eef1g | Eukaryotic translation elongation factor 1 gamma | 293725 | Rn.43300 | AK556327 | 2.35 | 2.34 | 2.38 | 2.35 | 2.35 | 2.32 | 1.01 | down | 3.00E-01 | 8.95E-01 | --- | --- | |
| 1373829 | Fgf2 | fibroblast growth factor receptor 2 | 25022 | Rn.12732 | AK142659 | 2.37 | 2.37 | 2.38 | 2.42 | 2.37 | 2.37 | 1.01 | up | 3.62E-01 | 8.95E-01 | --- | --- | |
| 1378511 | Mad21 | MAD2 (mitotic arrest deficient, homolog) like 1 (yeast) | 297176 | Rn.19771 | AK019008 | 2.41 | 2.41 | 2.43 | 2.47 | 2.42 | 2.41 | 1.01 | up | 4.39E-01 | 8.95E-01 | --- | --- | |
| 1398475 | Dna2 | aspartyl-tRNA synthetase 2 (mitochondrial) | 304919 | Rn.137838 | AI172076 | 2.43 | 2.41 | 2.44 | 2.42 | 2.42 | 2.40 | 1.01 | down | 2.94E-01 | 8.95E-01 | --- | --- | |
| 1394075 | Fanca | Fanconi anemia, complementation group A | 381435 | Rn.183415 | AK059094 | 2.55 | 2.55 | 2.72 | 2.50 | 2.58 | 2.29 | 1.01 | down | 8.44E-01 | 9.94E-01 | --- | --- | |
| 1347874 | --- | --- | --- | --- | Rn.16408 | BI293935 | 2.45 | 2.45 | 2.46 | 2.52 | 2.46 | 2.43 | 1.01 | up | 5.91E-01 | 8.95E-01 | --- | --- |
| 1370513_5 | Tam1 | tropomyosin 1, alpha | 24851 | Rn.87540 | M34135 | 2.58 | 2.55 | 2.65 | 2.57 | 2.61 | 2.54 | 1.01 | down | 6.84E-01 | 9.03E-01 | --- | --- | |
| 1389550_3 | Gdm1 | glycyl-tRNA synthetase 3 | 290519 | Rn.62083 | BM385105 | 2.33 | 2.39 | 2.43 | 2.38 | 2.39 | 2.37 | 1.01 | down | 3.98E-01 | 8.95E-01 | --- | --- | |
| 1396829 | --- | --- | --- | --- | Rn.45533 | AK552342 | 2.46 | 2.46 | 2.47 | 2.46 | 2.52 | 2.46 | 1.01 | up | 4.62E-01 | 8.95E-01 | --- | --- |
| 1396440 | RGD1505784 | similar to RIKEN cDNA BE30019K06 | 305189 | Rn.45533 | AK552342 | 2.46 | 2.46 | 2.47 | 2.46 | 2.52 | 2.46 | 1.01 | up | 4.62E-01 | 8.95E-01 | --- | --- | |
| 1396640 | --- | --- | --- | --- | Rn.154167 | BF403481 | 2.50 | 2.47 | 2.54 | 2.48 | 2.54 | 2.44 | 1.01 | down | 6.73E-01 | 9.01E-01 | --- | --- |
| 1385852 | --- | --- | --- | --- | Rn.131291 | BE122094 | 2.42 | 2.42 | 2.43 | 2.42 | 2.48 | 2.41 | 1.01 | up | 4.73E-01 | 8.95E-01 | --- | --- |
| 1381606 | --- | --- | --- | --- | Rn.171471 | BE116345 | 2.45 | 2.43 | 2.47 | 2.43 | 2.48 | 2.41 | 1.01 | down | 4.52E-01 | 8.95E-01 | --- | --- |
| 1373539 | Gna2 | GDNF family receptor alpha 2 | 25136 | Rn.90137 | BE114004 | 4.65 | 3.92 | 4.05 | 4.54 | 4.08 | 3.96 | 1.01 | down | 9.95E-01 | 8.98E-01 | --- | --- | |
| 1387618 | Nup2 | nucleolar peptide precursor B | 305281 | Rn.38156 | BE100111 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 1.01 | down | 7.17E-01 | 8.95E-01 | --- | --- | |
| 1387634_4 | Arneb | arrestin G chromosome | 29160 | Rn.11388 | NM_019154 | 2.60 | 2.58 | 2.69 | 2.60 | 2.72 | 2.51 | 1.01 | down | 6.28E-01 | 9.48E-01 | --- | --- | |
| 1376795 | Pkap3 | phosphoinositide-3-kinase adaptor protein 1 | 290448 | Rn.15411 | AKW16092 | 2.29 | 2.29 | 2.31 | 2.34 | 2.31 | 2.29 | 1.01 | up | 4.30E-01 | 8.95E-01 | --- | --- | |
| 1373751 | Bax3 | Bcl-2-associated athanogene 3 | 293534 | Rn.46304 | AKW52291 | 2.44 | 2.44 | 2.45 | 2.44 | 2.45 | 2.44 | 1.01 | down | 3.89E-01 | 8.95E-01 | --- | --- | |
| 1393782 | --- | --- | --- | --- | Rn.210288 | BF396790 | 2.48 | 2.43 | 2.48 | 2.45 | 2.47 | 2.42 | 1.01 | down | 5.27E-01 | 8.95E-01 | --- | --- |
| 1380006 | --- | --- | --- | --- | --- | AKW52101 | 2.39 | 2.37 | 2.42 | 2.37 | 2.40 | 2.37 | 1.01 | down | 3.96E-01 | 8.95E-01 | --- | --- |
| 1377025 | KiD3 | kinase family member 3a | 84392 | Rn.47400 | AKW52101 | 2.39 | 2.37 | 2.42 | 2.37 | 2.40 | 2.37 | 1.01 | down | 3.96E-01 | 8.95E-01 | --- | --- | |
| 1396560 | --- | --- | --- | --- | Rn.157476 | BF399126 | 2.40 | 2.39 | 2.44 | 2.39 | 2.42 | 2.37 | 1.01 | down | 4.95E-01 | 8.95E-01 | --- | --- |
| 1378800 | RGD1305685 | similar to hypothetical protein FLJ13089 | 308811 | Rn.202650 | AK044779 | 2.45 | 2.44 | 2.46 | 2.50 | 2.47 | 2.43 | 1.01 | up | 5.17E-01 | 8.95E-01 | --- | --- | |
| 1384077 | Sp3a | specific paralogue 3a (homolog) (human) | 362750 | Rn.135711 | BG368993 | 2.46 | 2.44 | 2.46 | 2.45 | 2.52 | 2.43 | 1.01 | up | 6.06E-01 | 8.95E-01 | --- | --- | |
| 1384617 | --- | --- | --- | --- | Rn.104877 | AK58775 | 2.66 | 2.63 | 2.71 | 2.64 | 2.63 | 2.61 | 1.01 | down | 8.84E-01 | 9.45E-01 | --- | --- |
| 1378734 | RGD1580137 | similar to expressed sequence AJ021034 | 290372 | Rn.19611 | BE107048 | 2.55 | 2.50 | 2.51 | 2.50 | 2.52 | 2.50 | 1.01 | down | 4.04E-01 | 8.95E-01 | --- | --- | |
| 1381649 | --- | --- | --- | --- | Rn.203835 | BE106741 | 2.46 | 2.45 | 2.46 | 2.46 | 2.47 | 2.46 | 1.01 | down | 4.26E-01 | 8.95E-01 | --- | --- |
| 1388891 | RT1.M4 | MHC class II antigen | 309584 | --- | AK047412 | 2.44 | 2.43 | 2.45 | 2.43 | 2.45 | 2.48 | 1.01 | up | 4.32E-01 | 8.95E-01 | --- | --- | |
| 1394541 | --- | --- | --- | --- | Rn.149196 | BM387754 | 2.54 | 2.53 | 2.55 | 2.50 | 2.54 | 2.53 | 1.01 | down | 2.79E-01 | 8.95E-01 | --- | --- |
| 1398703 | --- | --- | --- | --- | Rn.33590 | AK172659 | 2.59 | 2.59 | 2.63 | 2.61 | 2.61 | 2.59 | 1.01 | down | 4.17E-01 | 8.95E-01 | --- | --- |
| 1375242 | LOC887797 | similar to tumor suppressor candidate 5 | 687797 | --- | BI286440 | 2.31 | 2.28 | 2.33 | 2.31 | 2.31 | 2.28 | 1.01 | down | 5.23E-01 | 8.95E-01 | --- | --- | |
| 1378907 | RGD1581114 | similar to FHL4/G682 protein | 297807 | Rn.209564 | BF400251 | 2.40 | 2.37 | 2.39 | 2.38 | 2.38 | 2.35 | 1.01 | down | 2.14E-01 | 8.95E-01 | --- | --- | |
| 1376992 | Gp110 | G protein-coupled receptor 110 | 301286 | Rn.65672 | BM385105 | 2.33 | 2.35 | 2.33 | 2.40 | 2.39 | 2.40 | 1.01 | up | 4.17E-01 | 8.95E-01 | --- | --- | |
| 1384717 | --- | --- | --- | --- | Rn.48058 | BF400251 | 2.42 | 2.41 | 2.59 | 2.42 | 2.45 | 2.42 | 1.01 | down | 6.88E-01 | 9.04E-01 | --- | --- |
| 1384514 | --- | --- | --- | --- | Rn.93900 | BF396080 | 2.38 | 2.37 | 2.42 | 2.38 | 2.38 | 2.37 | 1.01 | down | 3.30E-01 | 8.95E-01 | --- | --- |
| 1389665 | Lnc23 | luciferin rich repeat containing 23 | 312707 | Rn.46210 | AKW52624 | 2.42 | 2.42 | 2.46 | 2.41 | 2.44 | 2.39 | 1.01 | down | 5.47E-01 | 8.95E-01 | --- | --- | |
| 1389865 | Lnc23 | luciferin rich repeat containing 23 | 312707 | Rn.46210 | AKW52624 | 2.42 | 2.42 | 2.46 | 2.41 | 2.44 | 2.39 | 1.01 | down | 5.47E-01 | 8.95E-01 | --- | --- | |
| 1384972 | Top3a | topoisomerase (DNA) III alpha | 303194 | --- | BF396556 | 2.39 | 2.38 | 2.39 | 2.39 | 2.40 | 2.42 | 1.01 | up | 2.48E-01 | 8.95E-01 | --- | --- | |
| 1396986 | --- | --- | --- | --- | Rn.28213 | AKW54502 | 2.55 | 2.51 | 2.58 | 2.53 | 2.56 | 2.50 | 1.01 | down | 5.58E-01 | 8.95E-01 | --- | --- |
| 1376782 | Tm2 | titin-like protein containing 2 | 361970 | Rn.161973 | AK169716 | 4.24 | 3.72 | 3.7 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC | |
|------------|-------------|---|----------|------------|-----------|----------------------|-----------|----------|------------|-----------|-----------|----------|----------------------------------|----------------------|----------|----------|-----------|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEP (Cn) | SEPT2 (Cn) | SEPS (Cn) | | | | | | | SEPA (Cn) |
| 191219.at | --- | --- | Rn.20266 | Rn.16486 | BF391545 | 2.43 | 2.38 | 2.41 | 2.39 | 2.41 | 2.38 | 1.01 | down | 3.97E-01 | 8.95E-01 | --- | |
| 1370535.at | --- | --- | Rn.20266 | Rn.16486 | AI198927 | 5.41 | 5.09 | 4.82 | 4.73 | 4.75 | 5.83 | 1.01 | up | 6.86E-01 | 9.91E-01 | --- | |
| 1296923.at | --- | --- | Rn.20266 | Rn.16486 | A045891 | 2.38 | 2.37 | 2.42 | 2.37 | 2.37 | 2.39 | 1.01 | down | 4.29E-01 | 8.95E-01 | --- | |
| 1578795.at | --- | --- | Rn.16486 | Rn.16486 | A1549004 | 2.41 | 2.39 | 2.42 | 2.39 | 2.40 | 2.38 | 1.01 | down | 2.06E-01 | 8.95E-01 | --- | |
| 1591161.at | Pragmin | signa of Rns2 | 360986 | Rn.16486 | BF404855 | 2.43 | 2.38 | 2.42 | 2.39 | 2.41 | 2.38 | 1.01 | down | 2.91E-01 | 8.95E-01 | --- | |
| 185520.at | --- | --- | Rn.16486 | Rn.16486 | AW524783 | 2.51 | 2.43 | 2.54 | 2.48 | 2.58 | 2.46 | 1.01 | up | 7.71E-01 | 9.25E-01 | --- | |
| 1378953.at | Robo2 | Roundabout, axon guidance receptor, homolog 2 (Drosophila) | 84409 | Rn.24350 | AA00154 | 2.45 | 2.42 | 2.48 | 2.43 | 2.46 | 2.41 | 1.01 | down | 5.13E-01 | 8.95E-01 | --- | |
| 1574455.at | Wp | Wp phosphatase family 5, member 2 | 361552 | Rn.24350 | BC378726 | 2.33 | 2.33 | 2.37 | 2.33 | 2.33 | 2.33 | 1.01 | down | 3.83E-01 | 8.95E-01 | --- | |
| 1384764.at | Gla1 | glycine receptor, alpha 1 | 25674 | Rn.10109 | NM_013133 | 2.47 | 2.45 | 2.51 | 2.47 | 2.58 | 2.43 | 1.01 | up | 7.64E-01 | 9.23E-01 | --- | |
| 1396772.at | Alpa | antigen binding protein, alpha | 361551 | Rn.137089 | BF393007 | 2.39 | 2.38 | 2.43 | 2.38 | 2.41 | 2.36 | 1.01 | down | 6.86E-01 | 9.07E-01 | --- | |
| 1380616.at | --- | --- | --- | --- | BI294748 | 2.39 | 2.38 | 2.40 | 2.38 | 2.40 | 2.43 | 1.01 | up | 4.17E-01 | 8.95E-01 | --- | |
| 1394846.at | --- | --- | --- | --- | AA859355 | 2.41 | 2.40 | 2.43 | 2.40 | 2.42 | 2.38 | 1.01 | down | 3.48E-01 | 8.95E-01 | --- | |
| 1385651.at | --- | --- | --- | --- | AI575761 | 2.59 | 2.55 | 2.63 | 2.58 | 2.65 | 2.49 | 1.01 | down | 7.87E-01 | 9.31E-01 | --- | |
| 1374648.at | Gpr155 | G protein-coupled receptor 155 | 311730 | Rn.20251 | BM306266 | 2.37 | 2.36 | 2.41 | 2.36 | 2.37 | 2.35 | 1.01 | down | 3.90E-01 | 8.95E-01 | --- | |
| 1333933.at | Ankrc4b | ankyrin repeat domain 34B | 495596 | Rn.20332 | AI624915 | 2.46 | 2.39 | 2.44 | 2.39 | 2.42 | 2.39 | 1.01 | down | 8.23E-01 | 8.95E-01 | --- | |
| 1395706.at | Lingo1 | leucine rich repeat and Ig domain containing 1 | 315691 | Rn.20209 | BF14824 | 2.44 | 2.43 | 2.49 | 2.44 | 2.45 | 2.42 | 1.01 | down | 4.80E-01 | 8.95E-01 | --- | |
| 1385714.at | Thsd7b | thrombospondin, type 1, domain containing 7B | 288007 | Rn.20559 | BF392328 | 2.48 | 2.46 | 2.54 | 2.47 | 2.50 | 2.44 | 1.01 | down | 5.78E-01 | 8.95E-01 | --- | |
| 1392004.at | --- | --- | --- | --- | A1231080 | 2.40 | 2.38 | 2.44 | 2.39 | 2.42 | 2.38 | 1.01 | down | 5.71E-01 | 8.95E-01 | --- | |
| 1379430.at | --- | --- | --- | --- | BM392007 | 2.41 | 2.40 | 2.44 | 2.40 | 2.42 | 2.38 | 1.01 | down | 4.30E-01 | 8.95E-01 | --- | |
| 1393903.at | --- | --- | --- | --- | AA859594 | 2.64 | 2.63 | 2.68 | 2.63 | 2.64 | 2.61 | 1.01 | down | 3.05E-01 | 8.95E-01 | --- | |
| 1392019.at | Asap1 | ArtGAP with SH3 domain, ankyrin repeat and PH domain 1 | 314961 | Rn.63466 | BG689281 | 2.45 | 2.45 | 2.48 | 2.45 | 2.46 | 2.42 | 1.01 | down | 4.41E-01 | 8.95E-01 | --- | |
| 1392005.at | --- | --- | --- | --- | BF396226 | 2.34 | 2.34 | 2.35 | 2.40 | 2.35 | 2.33 | 1.01 | up | 5.06E-01 | 8.95E-01 | --- | |
| 1391153.at | --- | --- | --- | --- | Rn.181718 | 2.65 | 2.60 | 2.62 | 2.61 | 2.62 | 2.60 | 1.01 | down | 3.97E-01 | 8.95E-01 | --- | |
| 1398904.at | Rad26 | RAD26, member RAS oncogene family | 171111 | Rn.10975 | NM_133580 | 2.37 | 2.36 | 2.42 | 2.36 | 2.37 | 2.37 | 1.01 | down | 4.46E-01 | 8.95E-01 | --- | |
| 1381167.at | --- | --- | --- | --- | Rn.202745 | BE102551 | 2.33 | 2.32 | 2.37 | 2.33 | 2.34 | 2.31 | 1.01 | down | 3.83E-01 | 8.95E-01 | --- |
| 1379576.at | --- | --- | --- | --- | Rn.164399 | AA848479 | 2.38 | 2.37 | 2.42 | 2.38 | 2.39 | 2.36 | 1.01 | down | 4.54E-01 | 8.95E-01 | --- |
| 1369605.at | Hea2 | hair and enhancer of split 2 (Drosophila) | 25967 | Rn.44655 | NM_192938 | 2.52 | 2.47 | 2.49 | 2.48 | 2.50 | 2.47 | 1.01 | down | 4.06E-01 | 8.95E-01 | --- | |
| 1383643.at | Crb3 | crumbs homolog 3 (Drosophila) | 301112 | Rn.14560 | BI063983 | 5.79 | 6.12 | 5.83 | 6.83 | 5.10 | 5.82 | 1.01 | up | 5.78E-01 | 9.93E-01 | --- | |
| 1391559.at | Ticd1 | TLC domain containing 1 | 287472 | Rn.108119 | AW529504 | 3.76 | 3.62 | 3.64 | 3.97 | 3.50 | 3.60 | 1.01 | up | 9.25E-01 | 9.78E-01 | --- | |
| 1374621.at | Taf11 | TATA box binding protein (Tbp)-associated factor, RNA polymerase I, C | 361420 | Rn.14594 | AA682267 | 3.84 | 3.56 | 3.56 | 3.16 | 3.45 | 3.21 | 1.01 | up | 9.76E-01 | 9.93E-01 | --- | |
| 1373796.at | F211 | localization factor 1 (Thrombin) receptor-like 1 | 116677 | Rn.20543 | NM_028907 | 2.39 | 2.38 | 2.46 | 2.40 | 2.40 | 2.39 | 1.01 | down | 2.93E-01 | 8.95E-01 | --- | |
| 1329422.at | Pu27 | secretory carrier membrane protein 2 | 65168 | Rn.17572 | BM387006 | 5.67 | 5.66 | 5.66 | 5.66 | 5.67 | 5.66 | 1.01 | up | 5.24E-01 | 8.95E-01 | --- | |
| 1396887.at | Korab3 | potassium voltage-gated channel, shaker-related subfamily, member 3 | 59981 | Rn.11260 | NM_031652 | 2.43 | 2.41 | 2.44 | 2.44 | 2.44 | 2.42 | 1.01 | up | 4.89E-01 | 8.95E-01 | --- | |
| 1398941.at | --- | --- | --- | --- | BF194878 | 2.39 | 2.38 | 2.44 | 2.39 | 2.42 | 2.42 | 1.01 | down | 5.70E-01 | 8.95E-01 | --- | |
| 1386955.at | LOC304558 | similar to TRP repeat-containing protein KIAA1043 | 304558 | Rn.137253 | BF554444 | 2.47 | 2.45 | 2.48 | 2.48 | 2.46 | 2.46 | 1.01 | down | 4.89E-01 | 8.95E-01 | --- | |
| 1396479.at | Znf7c | zinc finger and BTB domain containing 7C | 679155 | Rn.217913 | BF420007 | 2.59 | 2.54 | 2.59 | 2.58 | 2.62 | 2.57 | 1.01 | up | 5.63E-01 | 8.95E-01 | --- | |
| 1383423.at | Rbd1 | ROD1 regulator of differentiation 1 (S. pombe) | 1031 | Rn.16243 | NM_028348 | 2.43 | 2.46 | 2.43 | 2.43 | 2.44 | 2.41 | 1.01 | down | 2.88E-01 | 8.95E-01 | --- | |
| 1393141.at | --- | --- | --- | --- | BF285419 | 2.42 | 2.40 | 2.43 | 2.43 | 2.43 | 2.42 | 1.01 | up | 2.53E-01 | 8.95E-01 | --- | |
| 1388940.at | Ahrha25 | Rho GTPase activating protein 25 | 500246 | Rn.22778 | AV222115 | 2.35 | 2.34 | 2.39 | 2.34 | 2.36 | 2.34 | 1.01 | down | 4.33E-01 | 8.95E-01 | --- | |
| 1395540.at | Scs5a2 | solute carrier family 35, member E3 | 292863 | Rn.21094 | AA104438 | 2.99 | 2.98 | 2.94 | 2.94 | 2.94 | 2.94 | 1.01 | down | 4.89E-01 | 8.95E-01 | --- | |
| 1397484.at | Acot8 | acyl-CoA thioesterase 8 // dynein, axonemal, light chain 1 | 299193 | Rn.18565 | BF394775 | 2.53 | 2.52 | 2.57 | 2.53 | 2.55 | 2.51 | 1.01 | down | 4.80E-01 | 8.95E-01 | --- | |
| 1378742.at | --- | --- | --- | --- | Rn.161004 | BM382421 | 2.54 | 2.50 | 2.59 | 2.52 | 2.59 | 2.47 | 1.01 | down | 7.42E-01 | 9.17E-01 | --- |
| 1376333.at | --- | --- | --- | --- | BE102551 | 2.39 | 2.38 | 2.44 | 2.39 | 2.40 | 2.38 | 1.01 | down | 4.89E-01 | 8.95E-01 | --- | |
| 1386999.at | Dna11 | dynein, axonemal, light intermediate chain 1 | 298524 | Rn.148097 | BF563887 | 2.46 | 2.45 | 2.49 | 2.45 | 2.46 | 2.44 | 1.01 | down | 3.58E-01 | 8.95E-01 | --- | |
| 1391147.at | --- | --- | --- | --- | Rn.173409 | BF392530 | 2.53 | 2.51 | 2.53 | 2.51 | 2.51 | 2.47 | 1.01 | down | 5.03E-01 | 8.95E-01 | --- |
| 1392141.at | --- | --- | --- | --- | AA818806 | 2.41 | 2.39 | 2.42 | 2.39 | 2.40 | 2.38 | 1.01 | down | 2.60E-01 | 8.95E-01 | --- | |
| 1379531.at | --- | --- | --- | --- | CO7069 | 2.44 | 2.46 | 2.44 | 2.51 | 2.44 | 2.43 | 1.01 | up | 6.86E-01 | 8.95E-01 | --- | |
| 1381147.at | RDG1304952 | similar to RIKEN cDNA CS30280201 gene | 652928 | Rn.171119 | BE102551 | 2.39 | 2.39 | 2.40 | 2.39 | 2.39 | 2.39 | 1.01 | down | 6.86E-01 | 8.95E-01 | --- | |
| 1398224.at | --- | --- | --- | --- | BF398985 | 2.41 | 2.40 | 2.44 | 2.40 | 2.41 | 2.40 | 1.01 | down | 3.48E-01 | 8.95E-01 | --- | |
| 1386803.at | --- | --- | --- | --- | BF103867 | 2.42 | 2.42 | 2.46 | 2.42 | 2.42 | 2.42 | 1.01 | down | 6.86E-01 | 8.95E-01 | --- | |
| 1387609.at | Car5a | carboxylic anhydrase 5a, mitochondrial | 54233 | Rn.9988 | NM_192903 | 2.47 | 2.46 | 2.51 | 2.47 | 2.48 | 2.46 | 1.01 | down | 3.81E-01 | 8.95E-01 | --- | |
| 1389579.at | P4ha3 | Procollagen-proline-2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha | 361612 | Rn.37765 | BF560587 | 2.35 | 2.34 | 2.37 | 2.34 | 2.35 | 2.33 | 1.01 | down | 3.02E-01 | 8.95E-01 | --- | |
| 1374173.at | --- | --- | --- | --- | BF285419 | 8.46 | 8.72 | 8.40 | 8.40 | 8.37 | 8.42 | 1.01 | down | 9.48E-01 | 9.84E-01 | --- | |
| 1382896.at | --- | --- | --- | --- | AI220900 | 2.50 | 2.47 | 2.53 | 2.49 | 2.52 | 2.45 | 1.01 | down | 5.81E-01 | 8.95E-01 | --- | |
| 1370303.at | Scs5a4 | solute carrier family 35, member A4 | 257647 | Rn.15468 | AA40814 | 3.79 | 4.34 | 3.33 | 3.79 | 3.80 | 3.83 | 1.01 | up | 9.62E-01 | 9.99E-01 | --- | |
| 1384642.at | --- | --- | --- | --- | AI044912 | 2.29 | 2.38 | 2.42 | 2.30 | 2.42 | 2.38 | 1.01 | down | 4.89E-01 | 8.95E-01 | --- | |
| 1398971.at | --- | --- | --- | --- | BE103337 | 2.52 | 2.50 | 2.57 | 2.63 | 2.53 | 2.47 | 1.01 | up | 7.90E-01 | 9.32E-01 | --- | |
| 1377277.at | --- | --- | --- | --- | Rn.28418 | BF102551 | 2.67 | 2.35 | 2.39 | 2.62 | 2.38 | 2.47 | 1.01 | down | 3.83E-01 | 8.95E-01 | --- |
| 1381686.at | --- | --- | --- | --- | BF404389 | 2.44 | 2.41 | 2.45 | 2.42 | 2.44 | 2.40 | 1.01 | down | 4.81E-01 | 8.95E-01 | --- | |
| 1382871.at | --- | --- | --- | --- | BE105552 | 2.46 | 2.42 | 2.46 | 2.43 | 2.45 | 2.42 | 1.01 | down | 4.30E-01 | 8.95E-01 | --- | |
| 1391165.at | --- | --- | --- | --- | Rn.200435 | BF391088 | 2.46 | 2.40 | 2.41 | 2.46 | 2.46 | 2.42 | 1.01 | down | 3.83E-01 | 8.95E-01 | --- |
| 1370161.at | Col6a8 | collod-coiled coil containing 8 | 64387 | Rn.21193 | AI235465 | 2.45 | 2.44 | 2.46 | 2.52 | 2.47 | 2.39 | 1.01 | up | 7.24E-01 | 9.12E-01 | --- | |
| 1395667.at | RDG156583 | similar to agurilapiculin-binding endonuclease 2 | 317628 | Rn.52592 | BF198964 | 2.25 | 2.27 | 2.25 | 2.22 | 2.25 | 2.24 | 1.01 | down | 1.10E-01 | 8.95E-01 | --- | |
| 1386316.at | Hsp90 | heat shock protein 90 alpha class B member 1 (Drosophila) | 29546 | Rn.37150 | AA026760 | 7.08 | 6.78 | 6.82 | 6.78 | 6.89 | 6.89 | 1.01 | down | 6.86E-01 | 8.95E-01 | --- | |
| 1381726.at | --- | --- | --- | --- | BF393430 | 2.44 | 2.42 | 2.45 | 2.42 | 2.44 | 2.40 | 1.01 | down | 3.78E-01 | 8.95E-01 | --- | |
| 1385881.at | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test vs CH (triplicates) | | REG | MTC | |
|--------------|-------------|--|----------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------------------------------------|-----------|----------|-----|----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEPB (Ch) | SEPC (Ch) | SEPD (Ch) | SEPE (Ch) | | | SEPF (Ch) | SEPG (Ch) | | | FC |
| 1373668_at | Poli2 | polymerase (RNA II) (DNA directed) polypeptide 1, 14.5kDa | 292778 | Rn.6227 | BG373075 | 6.33 | 6.46 | 6.21 | 6.57 | 6.27 | 7.07 | 1.01 | down | 9.80E-01 | 9.94E-01 | - | - | |
| 1373670_at | --- | --- | --- | --- | Rn.48053 | BM387711 | 2.38 | 2.37 | 2.40 | 2.37 | 2.37 | 1.01 | down | 2.18E-01 | 8.95E-01 | - | - | |
| 1396375_at | --- | --- | --- | --- | Rn.203935 | BF147634 | 2.42 | 2.41 | 2.41 | 2.41 | 2.43 | 1.01 | down | 4.52E-01 | 8.95E-01 | - | - | |
| 1398424_at | Igfbp1 | insulin-like growth factor binding protein 1 | 315744 | Rn.64478 | BF398348 | 2.33 | 2.31 | 2.35 | 2.32 | 2.32 | 2.31 | 1.01 | down | 3.34E-01 | 8.95E-01 | - | - | |
| 1398877_at | Mez24 | meizozin complex subunit 24 | 311945 | Rn.173369 | BF140552 | 3.15 | 3.15 | 3.06 | 3.15 | 3.06 | 3.06 | 1.01 | down | 8.65E-01 | 8.95E-01 | - | - | |
| 1398572_at | Gsn1 | gastrin kinase 1 | 297418 | Rn.433048 | AA83014 | 2.45 | 2.42 | 2.45 | 2.44 | 2.44 | 2.44 | 1.01 | up | 4.83E-01 | 8.95E-01 | - | - | |
| 1399222_at | --- | --- | --- | --- | Rn.148763 | AA89303 | 2.49 | 2.48 | 2.49 | 2.48 | 2.49 | 1.01 | down | 3.40E-01 | 8.95E-01 | - | - | |
| 1399225_at | --- | --- | --- | --- | Rn.87160 | BF119802 | 1.10 | 1.10 | 1.11 | 1.10 | 1.11 | 1.01 | down | 8.14E-01 | 8.95E-01 | - | - | |
| 1399226_at | --- | --- | --- | --- | Rn.151234 | BF401148 | 2.42 | 2.40 | 2.48 | 2.42 | 2.45 | 2.40 | 1.01 | down | 6.59E-01 | 8.98E-01 | - | - |
| 1399227_at | --- | --- | --- | --- | Rn.206878 | Rh.104383 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 3.83 | 1.01 | down | 4.02E-01 | 8.95E-01 | - | - |
| 1399228_at | KIF22 | kinesin family member 22 | 293502 | Rn.8601 | BF117842 | 2.39 | 2.38 | 2.39 | 2.44 | 2.39 | 2.38 | 1.01 | up | 3.99E-01 | 8.95E-01 | - | - | |
| 1399282_x_at | --- | platelet derived growth factor receptor, alpha polypeptide | --- | 200086 [R] | AA963228 | 2.48 | 2.46 | 2.51 | 2.47 | 2.49 | 2.44 | 1.01 | down | 5.13E-01 | 8.95E-01 | - | - | |
| 1399282_y_at | Pdgfra | platelet derived growth factor receptor, beta polypeptide | Rn.55127 | Rn.20086 | AA963228 | 2.48 | 2.46 | 2.51 | 2.47 | 2.49 | 2.44 | 1.01 | down | 5.13E-01 | 8.95E-01 | - | - | |
| 1399283_at | --- | interleukin 1 family, member 5 (delet) | --- | --- | BI228543 | 2.45 | 2.44 | 2.47 | 2.45 | 2.45 | 2.42 | 1.01 | down | 3.62E-01 | 8.95E-01 | - | - | |
| 1399284_at | --- | similar to complement factor H-related protein | --- | --- | AA438847 | 2.35 | 2.34 | 2.39 | 2.34 | 2.36 | 2.33 | 1.01 | down | 4.41E-01 | 8.95E-01 | - | - | |
| 1399285_at | LOC194958 | similar to plectinin, COI-151 protein | 3646378 | Rn.160887 | AW52944 | 2.46 | 2.45 | 2.49 | 2.45 | 2.47 | 2.43 | 1.01 | down | 6.23E-01 | 8.95E-01 | - | - | |
| 1399320_at | --- | F-box protein 25 | --- | --- | BF119881 | 3.45 | 3.91 | 3.04 | 3.44 | 2.99 | 4.02 | 1.01 | up | 9.74E-01 | 9.92E-01 | - | - | |
| 1399321_at | --- | --- | --- | --- | BF126201 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.34 | 1.01 | up | 3.33E-01 | 8.95E-01 | - | - | |
| 1399322_at | Fad1 | fibronectin type III and SPRY domain containing 1 | 301506 | Rn.45600 | BF339255 | 2.45 | 2.43 | 2.49 | 2.44 | 2.46 | 2.42 | 1.01 | down | 5.10E-01 | 8.95E-01 | - | - | |
| 1399371_at | S1p1 | sphingosine-1-phosphate receptor 1 | 29733 | Rn.109455 | NM_017301 | 2.39 | 2.37 | 2.43 | 2.38 | 2.41 | 2.36 | 1.01 | down | 6.58E-01 | 8.95E-01 | - | - | |
| 1399372_at | Coccam11 | carcinoembryonic antigen-related cell adhesion molecule 11 | 292668 | Rn.205328 | BI264355 | 2.48 | 2.45 | 2.50 | 2.47 | 2.49 | 2.43 | 1.01 | down | 5.68E-01 | 8.95E-01 | - | - | |
| 1399373_at | --- | --- | --- | --- | BE10342 | 2.50 | 2.48 | 2.51 | 2.48 | 2.58 | 2.47 | 1.01 | up | 7.30E-01 | 9.14E-01 | - | - | |
| 1399374_at | --- | --- | --- | --- | Rn.203952 | BE005950 | 2.43 | 2.42 | 2.45 | 2.41 | 2.43 | 2.39 | 1.01 | down | 4.72E-01 | 8.95E-01 | - | - |
| 1399375_at | --- | --- | --- | --- | BF147575 | 2.43 | 2.42 | 2.45 | 2.42 | 2.42 | 2.38 | 1.01 | down | 4.17E-01 | 8.95E-01 | - | - | |
| 1399376_at | --- | --- | --- | --- | Rn.15385 | BF556081 | 3.78 | 4.10 | 3.98 | 4.00 | 3.94 | 3.96 | 1.01 | up | 8.93E-01 | 9.87E-01 | - | - |
| 1399377_at | Ugd1p7 | UDP glucuronosyltransferase 2 family, polypeptide B17 | 286954 | Rn.09699 | M13508 | 2.41 | 2.39 | 2.43 | 2.40 | 2.42 | 2.38 | 1.01 | up | 9.55E-01 | 9.87E-01 | - | - | |
| 1399378_at | --- | --- | --- | --- | Rn.28781 | AI146245 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.38 | 1.01 | up | 4.78E-01 | 8.95E-01 | - | - |
| 1399379_at | --- | --- | --- | --- | Rn.161881 | BI283336 | 2.38 | 2.35 | 2.39 | 2.35 | 2.38 | 2.33 | 1.01 | down | 5.57E-01 | 8.95E-01 | - | - |
| 1399380_at | Rbm12 | RNA binding motif protein 12 | 652928 | Rn.17119 | AI19438 | 2.41 | 2.41 | 2.42 | 2.40 | 2.40 | 2.39 | 1.01 | down | 1.48E-01 | 8.95E-01 | - | - | |
| 1399381_at | --- | --- | --- | --- | BF392211 | 2.48 | 2.46 | 2.51 | 2.47 | 2.50 | 2.44 | 1.01 | down | 6.11E-01 | 8.95E-01 | - | - | |
| 1399382_at | --- | --- | --- | --- | Rn.29913 | AI717530 | 2.51 | 2.52 | 2.52 | 2.52 | 2.52 | 2.49 | 1.01 | down | 2.94E-01 | 8.95E-01 | - | - |
| 1399383_at | --- | --- | --- | --- | BF401192 | 2.40 | 2.40 | 2.43 | 2.43 | 2.43 | 2.41 | 1.01 | down | 4.01E-01 | 8.95E-01 | - | - | |
| 1399384_at | --- | --- | --- | --- | Rn.172417 | BF404956 | 2.34 | 2.34 | 2.35 | 2.38 | 2.35 | 2.35 | 1.01 | up | 2.69E-01 | 8.95E-01 | - | - |
| 1399385_at | --- | --- | --- | --- | Rn.146208 | AA82524 | 2.46 | 2.46 | 2.46 | 2.46 | 2.42 | 2.42 | 1.01 | down | 9.54E-01 | 8.95E-01 | - | - |
| 1399386_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.01 | down | 5.89E-01 | 8.95E-01 | - | - | |
| 1399387_at | Six3 | SIX homeobox 3 | 78974 | Rn.123641 | NM_023990 | 3.51 | 3.49 | 3.53 | 3.49 | 3.53 | 3.46 | 1.01 | down | 5.98E-01 | 8.95E-01 | - | - | |
| 1399388_at | Pag1 | pregnancy-specific beta 1-glycoprotein | 59313 | Rn.42378 | BF145025 | 2.32 | 2.31 | 2.33 | 2.37 | 2.32 | 2.31 | 1.01 | up | 4.77E-01 | 8.95E-01 | - | - | |
| 1399389_at | --- | --- | --- | --- | Rn.06698 | BF126201 | 2.49 | 2.48 | 2.49 | 2.45 | 2.48 | 2.46 | 1.01 | down | 3.33E-01 | 8.95E-01 | - | - |
| 1399390_at | --- | --- | --- | --- | Rn.207941 | BF147789 | 2.48 | 2.41 | 2.50 | 2.46 | 2.53 | 2.45 | 1.01 | up | 7.18E-01 | 9.11E-01 | - | - |
| 1399391_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.01 | down | 3.61E-01 | 8.95E-01 | - | - | |
| 1399392_at | Bcl3 | B-cell CLL/lymphoma 3 | 690611 | Rn.198135 | BF407019 | 2.44 | 2.44 | 2.45 | 2.47 | 2.45 | 2.46 | 1.01 | down | 4.45E-01 | 8.95E-01 | - | - | |
| 1399393_at | P2rx2 | purinergic receptor P2X2, ligand-gated ion channel, 2 | 114115 | Rn.88779 | AF028804 | 2.36 | 2.36 | 2.39 | 2.35 | 2.37 | 2.34 | 1.01 | down | 3.21E-01 | 8.95E-01 | - | - | |
| 1399394_at | --- | --- | --- | --- | Rn.203291 | BF069829 | 2.36 | 2.35 | 2.41 | 2.34 | 2.34 | 2.34 | 1.01 | down | 3.08E-01 | 8.95E-01 | - | - |
| 1399395_at | Rbtbp6 | Retinoblastoma binding protein 6 | 390988 | Rn.95305 | BG373809 | 5.02 | 5.14 | 5.23 | 5.47 | 5.07 | 4.88 | 1.01 | up | 9.43E-01 | 9.84E-01 | - | - | |
| 1399396_at | --- | --- | --- | --- | Rn.147633 | BE102157 | 2.38 | 2.38 | 2.39 | 2.37 | 2.38 | 2.35 | 1.01 | down | 1.68E-01 | 8.95E-01 | - | - |
| 1399397_at | Reps1 | replication initiator 1 | 445541 | Rn.17263 | AT67453 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.31 | 1.01 | down | 3.97E-01 | 8.95E-01 | - | - | |
| 1399398_at | Sox5 | homeobox transcription factor SC55 | 59101 | Rn.90100 | BI031187 | 2.47 | 2.45 | 2.47 | 2.46 | 2.47 | 2.43 | 1.01 | down | 3.95E-01 | 8.95E-01 | - | - | |
| 1399399_at | LOC1591777 | similar to Nav-dependent glucose transporter 1 | --- | --- | Rn.204745 | BF392435 | 2.46 | 2.45 | 2.46 | 2.46 | 2.45 | 1.01 | down | 3.89E-01 | 8.95E-01 | - | - | |
| 1399400_at | Tmem163 | Transmembrane protein 163 | 360839 | Rn.25191 | AW251322 | 2.68 | 2.65 | 2.68 | 2.65 | 2.66 | 2.64 | 1.01 | down | 3.07E-01 | 8.95E-01 | - | - | |
| 1399401_at | --- | --- | --- | --- | Rn.212626 | BI294771 | 2.75 | 2.71 | 2.72 | 2.71 | 2.72 | 2.74 | 1.01 | up | 6.31E-01 | 8.95E-01 | - | - |
| 1399402_at | --- | --- | --- | --- | Rn.219876 | BI294771 | 2.34 | 2.32 | 2.36 | 2.33 | 2.34 | 2.34 | 1.01 | down | 3.95E-01 | 8.95E-01 | - | - |
| 1399403_at | Sdab2 | synedcan binding protein (synectin) | 311532 | Rn.15548 | BM386609 | 2.36 | 2.34 | 2.39 | 2.35 | 2.35 | 2.35 | 1.01 | down | 4.21E-01 | 8.95E-01 | - | - | |
| 1399404_at | Adcy5 | adenylyl cyclase 5 | 64532 | Rn.06078 | BE106256 | 2.44 | 2.49 | 2.49 | 2.49 | 2.48 | 2.48 | 1.01 | down | 5.55E-01 | 8.95E-01 | - | - | |
| 1399405_at | Sec22 | secular related 1 homology (mouse)-like 2 | 309688 | Rn.30266 | BC303338 | 2.42 | 2.41 | 2.47 | 2.41 | 2.43 | 2.41 | 1.01 | down | 4.85E-01 | 8.95E-01 | - | - | |
| 1399406_at | --- | --- | --- | --- | Rn.174486 | AA963712 | 2.38 | 2.37 | 2.40 | 2.37 | 2.39 | 2.36 | 1.01 | down | 2.78E-01 | 8.95E-01 | - | - |
| 1399407_at | RD1565844 | similar to RIKEN cDNA 700040519 | --- | --- | Rn.74249 | BF145025 | 2.49 | 2.48 | 2.49 | 2.48 | 2.49 | 2.48 | 1.01 | down | 3.43E-01 | 8.95E-01 | - | - |
| 1399408_at | Qst1 | Q-sol-glycosyltransferase-1 | 304545 | Rn.114243 | NM_023863 | 2.56 | 2.40 | 2.40 | 2.39 | 2.42 | 2.51 | 1.01 | down | 8.40E-01 | 9.50E-01 | - | - | |
| 1399409_at | Nov1 | NOD1/NAIP1 | 678471 | Rn.08823 | AW552522 | 2.24 | 2.24 | 2.25 | 2.29 | 2.25 | 2.24 | 1.01 | up | 4.37E-01 | 8.95E-01 | - | - | |
| 1399410_at | Scp1b | similar to zinc finger CCHC-type domain containing protein 6 | 311723 | Rn.22446 | BF403338 | 2.34 | 2.32 | 2.36 | 2.33 | 2.34 | 2.34 | 1.01 | down | 3.95E-01 | 8.95E-01 | - | - | |
| 1399411_at | --- | --- | --- | --- | Rn.219427 | BF402404 | 2.46 | 2.45 | 2.49 | 2.45 | 2.48 | 2.42 | 1.01 | down | 5.50E-01 | 8.95E-01 | - | - |
| 1399412_at | Arnt1 | aryl hydrocarbon receptor 1 | 311698 | Rn.04468 | BF401192 | 2.47 | 2.47 | 2.49 | 2.48 | 2.49 | 2.48 | 1.01 | up | 9.04E-01 | 9.92E-01 | - | - | |
| 1399413_at | Arnt1 | Antagonist of mitotic exit network 1 homolog (S. cerevisiae) | 302032 | Rn.104588 | AI052554 | 2.68 | 2.67 | 2.70 | 2.77 | 2.69 | 2.55 | 1.01 | up | 8.44E-01 | 9.52E-01 | - | - | |
| 1399414_at | RD1565828 | similar to RIKEN cDNA 483500503 | --- | --- | BF392435 | 2.42 | 2.40 | 2.45 | 2.41 | 2.43 | 2.40 | 1.01 | down | 4.95E-01 | 8.95E-01 | - | - | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/Abouse | Resuspension | Unpaired t-test C1a vs C1b (triplicates) | | REG | MTC |
|--------------|-----------------|--|---------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--|----------|-----|-----|
| | | | | | | SEPS (C1) | SEPS (C2) | SEPS (C3) | SEPS (C4) | SEPS (C5) | SEPS (C6) | | | P-value | FC | | |
| 1376407_a_at | Lsm7 | LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae) | 362829 | Rn.25010 | B128982 | 5.95 | 6.05 | 6.13 | 6.04 | 6.15 | 5.96 | 1.01 | up | 6.82E-01 | 9.84E-01 | | |
| 1376459_x_at | Nsk1 | Neurotrophin tyrosine kinase, receptor, type 1 | 361027 | Rn.38431 | A113271 | 2.45 | 2.43 | 2.48 | 2.44 | 2.47 | 2.42 | 1.01 | down | 5.73E-01 | 8.95E-01 | | |
| 1377830_a_at | Tspan13 | tetraspanin 13 | 369602 | Rn.24284 | A040802 | 2.57 | 2.52 | 2.56 | 2.56 | 2.57 | 2.56 | 1.01 | up | 4.95E-01 | 8.95E-01 | | |
| 1381501_a_at | Fez2 | Fes family zinc finger 2 | 355719 | Rn.69059 | BE17668 | 2.42 | 2.37 | 2.42 | 2.42 | 2.39 | 2.37 | 1.01 | down | 4.70E-01 | 9.50E-01 | | |
| 1397857_a_at | --- | --- | --- | Rn.169115 | AI57502 | 2.47 | 2.44 | 2.49 | 2.45 | 2.54 | 2.43 | 1.01 | up | 7.63E-01 | 9.23E-01 | | |
| 1397746_a_at | --- | --- | --- | Rn.212168 | BC31792 | 2.40 | 2.40 | 2.42 | 2.40 | 2.46 | 2.43 | 1.01 | up | 6.47E-01 | 9.95E-01 | | |
| 1398482_a_at | --- | --- | --- | Rn.204395 | AI20295 | 2.59 | 2.59 | 2.54 | 2.59 | 2.54 | 2.54 | 1.01 | up | 6.13E-01 | 9.38E-01 | | |
| 1377083_a_at | --- | --- | --- | Rn.191208 | AA98180 | 2.43 | 2.42 | 2.43 | 2.43 | 2.43 | 2.39 | 1.01 | down | 4.26E-01 | 8.95E-01 | | |
| 1369875_a_at | Olc | ornithine carbonyltransferase | 25511 | Rn.40291 | K104 | 2.40 | 2.37 | 2.42 | 2.40 | 2.40 | 2.39 | 1.01 | down | 3.75E-01 | 9.75E-01 | | |
| 1378984_a_at | --- | --- | --- | Rn.40940 | AW524072 | 2.42 | 2.40 | 2.43 | 2.40 | 2.42 | 2.39 | 1.01 | down | 3.75E-01 | 9.55E-01 | | |
| 1380704_a_at | --- | --- | --- | Rn.153607 | AA112191 | 2.54 | 2.52 | 2.62 | 2.55 | 2.58 | 2.51 | 1.01 | down | 7.50E-01 | 9.20E-01 | | |
| 1386520_a_at | Cd3 | colony stimulating factor 3 (granulocyte) | 25610 | Rn.53073 | NM.017104 | 2.41 | 2.39 | 2.43 | 2.40 | 2.42 | 2.38 | 1.01 | down | 4.81E-01 | 9.55E-01 | | |
| 1385186_a_at | --- | --- | --- | Rn.144118 | BE110083 | 2.43 | 2.41 | 2.44 | 2.42 | 2.42 | 2.41 | 1.01 | down | 3.07E-01 | 8.95E-01 | | |
| 1383811_a_at | Tgfb2 | transforming growth factor, beta 2 | 81809 | Rn.24539 | AH39491 | 2.60 | 2.55 | 2.65 | 2.59 | 2.62 | 2.55 | 1.01 | down | 7.47E-01 | 9.18E-01 | | |
| 1381227_a_at | --- | --- | --- | Rn.148246 | BF148819 | 2.52 | 2.50 | 2.58 | 2.51 | 2.56 | 2.49 | 1.01 | down | 7.31E-01 | 9.14E-01 | | |
| 1380350_a_at | LOC608656 | hypothetical protein LOC608656 | 690396 | Rn.215646 | B1284306 | 2.51 | 2.48 | 2.54 | 2.50 | 2.52 | 2.47 | 1.01 | down | 6.38E-01 | 8.95E-01 | | |
| 1389392_a_at | Akap4 | A kinase (PKA) anchor protein 4 | 79254 | Rn.10777 | NM.024402 | 2.38 | 2.38 | 2.42 | 2.38 | 2.39 | 2.27 | 1.01 | down | 4.33E-01 | 8.95E-01 | | |
| 1379330_a_at | --- | --- | --- | Rn.212274 | B1291390 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.29 | 1.01 | down | 3.89E-01 | 8.95E-01 | | |
| 1380871_a_at | --- | --- | --- | Rn.28722 | BF409059 | 2.56 | 2.60 | 2.58 | 2.56 | 2.61 | 2.54 | 1.01 | down | 6.83E-01 | 8.95E-01 | | |
| 1380705_a_at | Gmeb2 | glucocorticoid modulatory element binding protein 2 | 83635 | Rn.40949 | NM.031803 | 2.39 | 2.37 | 2.42 | 2.38 | 2.41 | 2.35 | 1.01 | down | 6.30E-01 | 8.95E-01 | | |
| 138014_a_at | --- | --- | --- | Rn.--- | AW524490 | 2.42 | 2.40 | 2.42 | 2.41 | 2.42 | 2.39 | 1.01 | down | 4.27E-01 | 8.95E-01 | | |
| 1380160_a_at | Eiv4 | let-4 variant 4 | --- | Rn.--- | AW524951 | 2.40 | 2.38 | 2.41 | 2.45 | 2.40 | 2.38 | 1.01 | down | 5.88E-01 | 8.95E-01 | | |
| 1387236_a_at | Dcn4 | dynactin 4 | 84428 | Rn.23941 | NM.053404 | 5.46 | 5.88 | 5.72 | 5.76 | 5.91 | 5.43 | 1.01 | up | 9.53E-01 | 9.86E-01 | | |
| 1385293_a_at | Sulf2 | Sulfatase 2 | 311642 | Rn.40228 | BF388802 | 2.38 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.01 | down | 2.89E-01 | 8.95E-01 | | |
| 1388855_a_at | Coep | EGFR-coamplified and overexpressed protein | 362374 | Rn.15407 | AH00030 | 2.85 | 2.84 | 2.89 | 2.85 | 2.86 | 2.84 | 1.01 | down | 4.31E-01 | 8.95E-01 | | |
| 138225_a_at | --- | --- | --- | Rn.18590 | AH03771 | 2.33 | 2.31 | 2.34 | 2.31 | 2.33 | 2.30 | 1.01 | down | 3.58E-01 | 8.95E-01 | | |
| 1381327_a_at | C2c | complement receptor 2 | 289395 | Rn.23490 | AI56056 | 2.52 | 2.48 | 2.58 | 2.50 | 2.57 | 2.46 | 1.01 | down | 7.75E-01 | 9.27E-01 | | |
| 1384847_a_at | --- | --- | --- | Rn.136780 | AH07185 | 8.22 | 8.43 | 8.31 | 8.35 | 8.42 | 8.22 | 1.01 | up | 8.94E-01 | 9.87E-01 | | |
| 1387019_a_at | --- | --- | --- | Rn.211761 | BF42511 | 2.58 | 2.57 | 2.64 | 2.54 | 2.62 | 2.54 | 1.01 | down | 6.91E-01 | 8.95E-01 | | |
| 1382027_a_at | --- | --- | --- | Rn.120205 | BF396438 | 2.49 | 2.47 | 2.54 | 2.48 | 2.52 | 2.47 | 1.01 | down | 6.69E-01 | 9.00E-01 | | |
| 1374311_a_at | Roz27 | zinc finger protein 207 | 691246 | Rn.157411 | BF396438 | 2.49 | 2.47 | 2.54 | 2.48 | 2.45 | 2.41 | 1.01 | down | 6.53E-01 | 8.95E-01 | | |
| 1391855_a_at | LOC690085 | Similar to BC008137/Cyflimphoma 7A | 890085 | Rn.201710 | AW54002 | 5.30 | 5.45 | 5.41 | 5.42 | 5.45 | 5.32 | 1.01 | up | 8.58E-01 | 9.56E-01 | | |
| 1397159_a_at | --- | --- | --- | Rn.208118 | BF394208 | 2.38 | 2.37 | 2.40 | 2.38 | 2.44 | 2.36 | 1.01 | up | 6.67E-01 | 8.95E-01 | | |
| 1383352_a_at | Ptds4 | programmed cell death 4 | 64031 | Rn.205298 | AF75925 | 7.55 | 7.57 | 7.41 | 7.37 | 7.86 | 7.51 | 1.01 | down | 7.43E-01 | 9.55E-01 | | |
| 1387445_a_at | Calca | calcitonin-related hormone | 317268 | Rn.22484 | AH06884 | 2.35 | 2.34 | 2.38 | 2.34 | 2.36 | 2.34 | 1.01 | down | 3.94E-01 | 8.95E-01 | | |
| 1389117_a_at | Calca | calcitonin/calcitonin-related polypeptide, alpha | 24241 | Rn.202085 | NM.020858 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.37 | 1.01 | down | 3.33E-01 | 8.95E-01 | | |
| 1398156_a_at | --- | --- | --- | Rn.147878 | BF396516 | 2.38 | 2.35 | 2.37 | 2.35 | 2.43 | 2.34 | 1.01 | up | 6.92E-01 | 9.05E-01 | | |
| 1382621_a_at | Pf3a3 | Protein tyrosine phosphatase, receptor type, I (polyptide) (PTPRF), intracellular | 140591 | Rn.106347 | AA989857 | 2.44 | 2.44 | 2.47 | 2.43 | 2.46 | 2.43 | 1.01 | down | 3.68E-01 | 8.95E-01 | | |
| 1390377_a_at | --- | --- | --- | Rn.160780 | BF388802 | 2.44 | 2.43 | 2.45 | 2.43 | 2.45 | 2.41 | 1.01 | down | 4.15E-01 | 8.95E-01 | | |
| 1389195_a_at | F3bp2 | fatty acid binding protein 2, intestinal | 25598 | Rn.91358 | NM.013088 | 2.49 | 2.47 | 2.53 | 2.48 | 2.54 | 2.45 | 1.01 | down | 7.30E-01 | 9.14E-01 | | |
| 1390528_a_at | Fu9 | luciferase 9 (alpha) (1.3) (luciferase) | 84597 | Rn.21206 | NM.053465 | 2.43 | 2.42 | 2.45 | 2.43 | 2.45 | 2.40 | 1.01 | down | 5.27E-01 | 8.95E-01 | | |
| 1386993_a_at | Qaz2 | let-4 ortholog homolog 2 (Drosophila) | 117042 | Rn.205298 | NM.020858 | 2.42 | 2.40 | 2.43 | 2.41 | 2.44 | 2.37 | 1.01 | down | 4.00E-01 | 8.95E-01 | | |
| 1389340_a_at | Nuf2 | NUCF2, NDC80 kinetochore complex component, homolog (S. cerevisiae) | 304951 | Rn.41428 | BC317904 | 2.44 | 2.42 | 2.45 | 2.43 | 2.43 | 2.41 | 1.01 | down | 2.89E-01 | 8.95E-01 | | |
| 1387259_a_at | --- | --- | --- | Rn.416875 | BF396438 | 2.42 | 2.42 | 2.45 | 2.43 | 2.43 | 2.39 | 1.01 | down | 3.81E-01 | 8.95E-01 | | |
| 1391601_a_at | Txnib | taxilin beta | 308622 | Rn.165885 | B120684 | 2.41 | 2.40 | 2.44 | 2.40 | 2.43 | 2.39 | 1.01 | down | 5.27E-01 | 8.95E-01 | | |
| 1397589_a_at | --- | --- | --- | Rn.73063 | B1206502 | 2.48 | 2.46 | 2.49 | 2.47 | 2.48 | 2.45 | 1.01 | down | 4.01E-01 | 8.95E-01 | | |
| 1389204_a_at | --- | --- | --- | Rn.61228 | BF39095 | 2.29 | 2.28 | 2.32 | 2.29 | 2.30 | 2.28 | 1.01 | down | 4.83E-01 | 8.95E-01 | | |
| 1378222_a_at | --- | --- | --- | Rn.194846 | B1297481 | 2.48 | 2.45 | 2.48 | 2.47 | 2.48 | 2.49 | 1.01 | up | 3.64E-01 | 8.95E-01 | | |
| 1385539_a_at | --- | --- | --- | Rn.203395 | BF397271 | 2.32 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 1.01 | down | 2.17E-01 | 8.95E-01 | | |
| 1379743_a_at | Nubp2 | Nucleotide binding protein 2 | 287125 | Rn.8912 | AA955079 | 2.42 | 2.41 | 2.43 | 2.41 | 2.42 | 2.38 | 1.01 | down | 4.84E-01 | 8.95E-01 | | |
| 1389566_a_at | Taf6 | TAF-5-like RNA polymerase II, p300/CBP-associated factor (PCAF) associated | 307027 | Rn.23893 | BC317968 | 2.39 | 2.32 | 2.36 | 2.35 | 2.35 | 2.34 | 1.01 | down | 3.15E-01 | 8.95E-01 | | |
| 1386218_a_at | --- | --- | --- | Rn.161398 | AI839301 | 2.47 | 2.46 | 2.49 | 2.48 | 2.48 | 2.44 | 1.01 | down | 5.29E-01 | 8.95E-01 | | |
| 1394323_a_at | Cd5r2 | cyclin-dependent kinase 5, regulatory subunit 2 (p39) | 501164 | Rn.21441 | BF523326 | 2.30 | 2.29 | 2.33 | 2.29 | 2.30 | 2.29 | 1.01 | down | 4.72E-01 | 8.95E-01 | | |
| 1389172_a_at | --- | --- | --- | Rn.205773 | BF396438 | 2.29 | 2.27 | 2.31 | 2.29 | 2.30 | 2.27 | 1.01 | down | 2.92E-01 | 8.95E-01 | | |
| 1388203_x_at | h2 // RT1-C1E10 | histocompatibility 2, T region locus 2 // RT1 class Ia, locus A2 // RT1 class I (B*17 // 417479) | 138203 | Rn.120283 | BF396438 | 2.38 | 2.38 | 2.42 | 2.38 | 2.39 | 2.37 | 1.01 | down | 4.48E-01 | 8.95E-01 | | |
| 1375310_a_at | Ima5 | 49718 and arid1 | 691942 | Rn.107510 | AI133411 | 2.52 | 2.50 | 2.54 | 2.51 | 2.54 | 2.47 | 1.01 | down | 4.00E-01 | 8.95E-01 | | |
| 1387140_a_at | Tak9 | TAK kinase 2 | 64666 | Rn.89575 | NM.022702 | 2.36 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.01 | down | 2.72E-01 | 8.95E-01 | | |
| 1387844_a_at | --- | --- | --- | Rn.208885 | BF400963 | 2.45 | 2.44 | 2.48 | 2.44 | 2.47 | 2.42 | 1.01 | down | 5.75E-01 | 8.95E-01 | | |
| 1386882_a_at | Bzd1d2 | B-cell leukemia/lymphoma 2 related protein A1d | 170929 | Rn.191070 | NM.133412 | 2.52 | 2.51 | 2.54 | 2.52 | 2.53 | 2.50 | 1.01 | down | 3.81E-01 | 8.95E-01 | | |
| 1384020_a_at | --- | --- | --- | Rn.205834 | AI549585 | 2.46 | 2.45 | 2.46 | 2.46 | 2.46 | 2.42 | 1.01 | down | 3.70E-01 | 8.95E-01 | | |
| 1389193_a_at | Hsp1 | heat shock protein 1 | 192154 | Rn.836 | AI208965 | 2.41 | 2.40 | 2.41 | 2.40 | 2.46 | 2.40 | 1.01 | up | 3.17E-01 | 8.95E-01 | | |
| 1389201_a_at | --- | --- | --- | Rn.141598 | L41598 | 2.43 | 2.42 | 2.45 | 2.43 | 2.43 | 2.44 | 1.01 | down | 3.81E-01 | 8.95E-01 | | |
| 1397022_a_at | --- | --- | --- | Rn.211447 | BF143347 | 2.37 | 2.34 | 2.36 | 2.35 | 2.36 | 2.33 | 1.01 | down | 3.28E-01 | 8.95E-01 | | |
| 13804 | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test Cts vs Chl (triplicates) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|--|------|------|
| | | | | | | SEPS (Cts) | SEPA (Cts) | SEPB (Cts) | SEPC (Cts) | SEPD (Cts) | SEPE (Cts) | SEPF (Cts) | SEPG (Cts) | SEPH (Cts) | SEPI (Cts) | | | | | |
| 139276_t | --- | --- | --- | Rn.20984 | A058733 | 2.61 | 2.60 | 2.63 | 2.60 | 2.61 | 2.59 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 |
| 139317_t | --- | --- | --- | Rn.33665 | BF40206 | 2.52 | 2.49 | 2.48 | 2.53 | 2.50 | 2.56 | 2.47 | 2.51 | 2.49 | 2.50 | 2.47 | 2.51 | 2.49 | 2.50 | |
| 139369_t | Stn3a | stefin A3 | 288075 | Rn.175016 | BF40206 | 2.52 | 2.50 | 2.52 | 2.50 | 2.52 | 2.50 | 2.51 | 2.50 | 2.51 | 2.50 | 2.51 | 2.50 | 2.51 | 2.50 | |
| 139369_t | --- | --- | --- | Rn.210684 | BF40206 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | |
| 139369_t | --- | --- | --- | Rn.175016 | BF40206 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | |
| 139315_t | Ilo1 | intermediate filament family orphan 1 | 362437 | Rn.38932 | AW528447 | 2.52 | 2.50 | 2.52 | 2.56 | 2.52 | 2.53 | 2.51 | 2.51 | 2.50 | 2.51 | 2.50 | 2.51 | 2.50 | | |
| 139315_t | --- | --- | --- | Rn.153471 | AA84388 | 2.43 | 2.42 | 2.46 | 2.46 | 2.42 | 2.45 | 2.41 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | | |
| 139315_t | --- | --- | --- | Rn.226981 | AA84388 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | |
| 139150_t | Agpat3 | 1-acylglycerol-3-phosphate O-acyltransferase 3 | 103244 | Rn.134456 | BM38773 | 2.51 | 2.48 | 2.54 | 2.50 | 2.53 | 2.46 | 2.51 | 2.49 | 2.50 | 2.46 | 2.51 | 2.49 | 2.50 | | |
| 139150_t | --- | --- | --- | Rn.104000 | B02616 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | |
| 139150_t | Len3 | leukocyte receptor cluster (LCR) member 3 | 292596 | Rn.52802 | BE05741 | 2.49 | 2.49 | 2.51 | 2.49 | 2.50 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | | |
| 139170_t | Vvr1 | homomeric receptor 1 | 286893 | Rn.144686 | U08785 | 2.40 | 2.38 | 2.43 | 2.39 | 2.40 | 2.38 | 2.40 | 2.38 | 2.40 | 2.38 | 2.40 | 2.38 | 2.40 | | |
| 139170_t | --- | --- | --- | Rn.20300 | NM_122718 | 2.51 | 2.48 | 2.56 | 2.50 | 2.56 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | | |
| 139170_t | --- | --- | --- | Rn.134767 | BF416413 | 2.51 | 2.48 | 2.53 | 2.50 | 2.53 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | | |
| 139216_t | C2 | complement component 2 | 24231 | Rn.98333 | BF394142 | 2.39 | 2.39 | 2.44 | 2.38 | 2.44 | 2.38 | 2.44 | 2.38 | 2.44 | 2.38 | 2.44 | 2.38 | 2.44 | | |
| 139216_t | --- | --- | --- | Rn.133553 | BE027096 | 2.47 | 2.46 | 2.48 | 2.47 | 2.50 | 2.42 | 2.41 | 2.42 | 2.49 | 2.42 | 2.41 | 2.42 | 2.49 | | |
| 139374_t | Fgll1 | fibroblast growth factor receptor-like 1 | 369903 | Rn.44953 | BM38970 | 6.06 | 6.14 | 6.32 | 6.12 | 6.13 | 6.30 | 6.10 | 6.11 | 6.12 | 6.13 | 6.10 | 6.11 | 6.12 | | |
| 139374_t | --- | --- | --- | Rn.44953 | BM38970 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126716 | Z46399 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | |
| 139374_t | --- | --- | --- | Rn.126 | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRMA Intensities (log) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test | t-test (log2) | REG | MTC |
|------------|-----------------|--|---------|------------|-----------|-------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|-----------------|---------------|-----|-----|
| | | | | | | SEFP (Cn) | SEFP (Ca) | SEFP (S) | SEFP (S) | SEFP (S) | SEFP (S) | SEFP (S) | SEFP (S) | SEFP (S) | SEFP (S) | | | | | | |
| 1372893_at | Yp1f | Yp1 domain family, member 1 | 298312 | Rn.98968 | Bt284198 | 5.29 | 5.53 | 4.89 | 4.87 | 5.36 | 5.44 | 1.01 | down | 9.70E-01 | 9.91E-01 | --- | --- | --- | | | |
| 1390511_at | --- | --- | --- | --- | Bt288001 | 2.38 | 2.38 | 2.40 | 2.37 | 2.38 | 2.36 | 1.01 | down | 4.72E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1393743_at | Wd44 | WD repeat domain 44 | 246152 | Rn.79380 | Bt288341 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 1.01 | down | 7.65E-01 | 9.53E-01 | --- | --- | --- | | | |
| 1393777_at | --- | --- | --- | --- | Bt288377 | 2.39 | 2.39 | 2.39 | 2.38 | 2.39 | 2.37 | 1.01 | down | 2.10E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1396899_at | --- | --- | --- | --- | Bt281213 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.27 | 1.01 | down | 4.84E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1396976_at | --- | --- | --- | --- | A008880 | 2.49 | 2.47 | 2.49 | 2.48 | 2.50 | 2.45 | 1.01 | down | 5.72E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1398201_at | --- | --- | --- | --- | Bt400800 | 2.45 | 2.44 | 2.47 | 2.46 | 2.46 | 2.40 | 1.01 | down | 6.40E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1391527_at | --- | --- | --- | --- | Rn.201878 | 2.53 | 2.53 | 2.48 | 2.48 | 2.48 | 2.47 | 1.01 | down | 8.10E-01 | 9.24E-01 | --- | --- | --- | | | |
| 1384841_at | SHF | SHC domain 2 domain containing F | 362205 | Rn.200773 | A548100 | 2.79 | 2.80 | 2.80 | 2.78 | 2.85 | 2.78 | 1.01 | up | 6.68E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1391347_at | RD513086 | similar to RIKEN cDNA C130802.4 | 305337 | Rn.400400 | Bt288341 | 2.48 | 2.48 | 2.48 | 2.51 | 2.48 | 2.50 | 1.01 | down | 7.80E-01 | 9.28E-01 | --- | --- | --- | | | |
| 1384723_at | Fu11 | luciferase 1 (alpha 1.1) (luciferase) | 298971 | Rn.24040 | A117214 | 2.37 | 2.61 | 2.61 | 2.38 | 2.36 | 2.37 | 1.01 | down | 8.30E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1390446_at | --- | --- | --- | --- | Bt288000 | 2.36 | 2.35 | 2.37 | 2.40 | 2.37 | 2.35 | 1.01 | up | 5.57E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1386392_at | Anact10 | anaphase promoting complex subunit 10 | 361389 | Rn.96519 | A004934 | 2.45 | 2.42 | 2.47 | 2.44 | 2.46 | 2.41 | 1.01 | down | 6.14E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1371690_at | At11 | ADP-ribosylation factor-like 1 | 64187 | Rn.3065 | A848825 | 9.86 | 9.59 | 10.10 | 9.88 | 9.62 | 10.08 | 1.01 | up | 9.61E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1381681_at | --- | --- | --- | --- | Bt110205 | 2.79 | 2.77 | 2.81 | 2.78 | 2.80 | 2.76 | 1.01 | down | 5.95E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1385014_at | Cam3p | lysine-serine-rich nuclear protein 3 | 311093 | Rn.51147 | Bt27277 | 2.38 | 2.39 | 2.44 | 2.40 | 2.40 | 2.39 | 1.01 | down | 6.95E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1378855_at | Myod1 | myogenic differentiation 1 | 337868 | Rn.9493 | A859502 | 2.33 | 2.32 | 2.35 | 2.32 | 2.34 | 2.31 | 1.01 | down | 4.77E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1378573_at | --- | --- | --- | --- | Rn.22716 | Bt281111 | 8.82 | 8.95 | 8.78 | 8.81 | 8.70 | 8.80 | 1.01 | down | 8.95E-01 | 9.64E-01 | --- | --- | --- | | |
| 1398654_at | --- | --- | --- | --- | Rn.33257 | A101129 | 2.64 | 2.65 | 2.68 | 2.63 | 2.69 | 2.60 | 1.01 | up | 7.80E-01 | 9.15E-01 | --- | --- | --- | | |
| 1398209_at | --- | --- | --- | --- | Rn.210743 | Bt413358 | 2.73 | 2.66 | 2.85 | 2.70 | 2.80 | 2.67 | 1.01 | up | 9.19E-01 | 9.76E-01 | --- | --- | --- | | |
| 1376459_at | --- | --- | --- | --- | Rn.40099 | Bt114418 | 2.36 | 2.35 | 2.37 | 2.36 | 2.37 | 2.32 | 1.01 | down | 5.06E-01 | 8.95E-01 | --- | --- | --- | | |
| 1384137_at | --- | --- | --- | --- | Rn.134334 | A030318 | 2.48 | 2.47 | 2.50 | 2.47 | 2.48 | 2.46 | 1.01 | down | 4.24E-01 | 8.95E-01 | --- | --- | --- | | |
| 1385073_at | Ga31 | microtubule growth factor receptor 3 | 348459 | Rn.23671 | NM_035429 | 2.40 | 2.38 | 2.41 | 2.39 | 2.39 | 2.38 | 1.01 | down | 3.22E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1326458_at | Ga10 | glycolytic-induced differentiation-associated protein 1-like 1 | 311616 | Rn.7542 | Bt40250 | 2.30 | 2.27 | 2.28 | 2.29 | 2.27 | 2.27 | 1.01 | down | 3.32E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1384873_at | Ga5 | gap junction protein, alpha 5 | 50563 | Rn.88300 | M8392 | 2.31 | 2.31 | 2.31 | 2.30 | 2.35 | 2.30 | 1.01 | up | 6.05E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1393719_at | Phox | phosphate regulating endopeptidase homolog, X-linked | 25512 | Rn.37361 | NM_013004 | 2.40 | 2.28 | 2.42 | 2.39 | 2.41 | 2.37 | 1.01 | down | 5.23E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1383707_at | Glu4 | glutamate receptor, ionotropic, AMPA 4 | 298129 | Rn.10938 | Bt101725 | 2.43 | 2.41 | 2.45 | 2.42 | 2.44 | 2.40 | 1.01 | down | 5.66E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1398384_at | --- | --- | --- | --- | Rn.218630 | AV21197 | 2.49 | 2.46 | 2.47 | 2.46 | 2.47 | 2.46 | 1.01 | down | 2.86E-01 | 8.95E-01 | --- | --- | --- | | |
| 1394856_at | --- | --- | --- | --- | Rn.145170 | A858290 | 2.38 | 2.37 | 2.40 | 2.37 | 2.39 | 2.36 | 1.01 | down | 4.38E-01 | 8.95E-01 | --- | --- | --- | | |
| 1382700_at | --- | --- | --- | --- | Rn.25420 | A127227 | 2.40 | 2.39 | 2.43 | 2.39 | 2.41 | 2.39 | 1.01 | down | 4.94E-01 | 8.95E-01 | --- | --- | --- | | |
| 1385572_at | --- | --- | --- | --- | Rn.218500 | Bt384136 | 2.53 | 2.51 | 2.53 | 2.51 | 2.58 | 2.51 | 1.01 | up | 7.07E-01 | 9.08E-01 | --- | --- | --- | | |
| 1398614_at | Cnq1b | cyclic nucleotide gated channel beta 1 | 83866 | Rn.10733 | Bt38572 | 2.42 | 2.41 | 2.43 | 2.41 | 2.43 | 2.39 | 1.01 | down | 6.05E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1383040_at | --- | --- | --- | --- | AV47392 | 2.49 | 2.46 | 2.50 | 2.48 | 2.49 | 2.44 | 1.01 | down | 6.51E-01 | 8.97E-01 | --- | --- | --- | | | |
| 1398699_at | --- | --- | --- | --- | Rn.218500 | Bt384136 | 2.44 | 2.41 | 2.45 | 2.42 | 2.46 | 2.38 | 1.01 | down | 4.98E-01 | 8.95E-01 | --- | --- | --- | | |
| 1378999_at | Phd111 | polycystic kidney and hepatic disease 1-like 1 | 314917 | Rn.3366 | A117679 | 2.43 | 2.41 | 2.45 | 2.42 | 2.44 | 2.40 | 1.01 | down | 5.69E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1373179_at | LOC689994 | similar to H43E.1; 1 | 689994 | Rn.34800 | B100727 | 2.40 | 2.38 | 2.41 | 2.39 | 2.41 | 2.37 | 1.01 | down | 5.06E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1374691_at | Ga21 | proadrenomedullin enhancer of spot 2 (Eap1) homolog, Drosophila | 294606 | Rn.38983 | A117679 | 2.41 | 2.41 | 2.44 | 2.41 | 2.44 | 2.41 | 1.01 | down | 4.21E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1398995_at | --- | --- | --- | --- | Bt378821 | 2.43 | 2.40 | 2.45 | 2.49 | 2.43 | 2.40 | 1.01 | up | 7.53E-01 | 9.20E-01 | --- | --- | --- | | | |
| 1391363_at | --- | --- | --- | --- | Bt41568 | 2.36 | 2.36 | 2.36 | 2.37 | 2.36 | 2.35 | 1.01 | down | 6.17E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1396772_at | --- | --- | --- | --- | Bt16581 | 2.51 | 2.49 | 2.53 | 2.52 | 2.52 | 2.46 | 1.01 | down | 6.79E-01 | 9.02E-01 | --- | --- | --- | | | |
| 1391755_at | Nv1 | naked cuticle homolog 1 (Drosophila) | 364952 | Rn.86528 | A107970 | 2.39 | 2.37 | 2.39 | 2.35 | 2.36 | 2.35 | 1.01 | down | 4.90E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1378659_at | Ybx2 | Y box binding protein 2 | 303260 | Rn.40911 | Bt288013 | 2.34 | 2.32 | 2.35 | 2.33 | 2.34 | 2.31 | 1.01 | down | 4.68E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1398001_at | --- | --- | --- | --- | Rn.93448 | Bt389870 | 2.28 | 2.27 | 2.31 | 2.27 | 2.28 | 2.27 | 1.01 | down | 3.32E-01 | 8.95E-01 | --- | --- | --- | | |
| 1387395_at | Adora2b | adenosine A2B receptor | 29316 | Rn.89544 | NM_013072 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 1.01 | down | 4.58E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1396570_at | 11 // Su12a2 // | sulfotransferase family 2A, dehydroepiandrosterone (DHEA)-preferring, mem20 // 24912 // 36 | 309778 | Rn.91378 | NM_133616 | 2.53 | 2.49 | 2.58 | 2.52 | 2.58 | 2.47 | 1.01 | down | 8.10E-01 | 9.39E-01 | --- | --- | --- | | | |
| 1395242_at | --- | --- | --- | --- | Rn.30117 | Bt41568 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.01 | down | 9.85E-01 | 9.95E-01 | --- | --- | --- | | |
| 1378490_at | --- | --- | --- | --- | Bt10558 | 2.41 | 2.40 | 2.44 | 2.44 | 2.42 | 2.39 | 1.01 | down | 5.23E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1392996_at | RD1100805 | hypothetical LOC287935 | 287935 | Rn.23006 | Bt110205 | 2.38 | 2.35 | 2.38 | 2.35 | 2.37 | 2.34 | 1.01 | down | 4.82E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1373291_at | --- | --- | --- | --- | Rn.62782 | Bt38144 | 2.54 | 2.51 | 2.58 | 2.52 | 2.57 | 2.49 | 1.01 | down | 6.13E-01 | 9.21E-01 | --- | --- | --- | | |
| 1378126_at | Denn2da | DENN/MADD domain containing 2A | 312287 | Rn.50302 | Bt11592 | 2.41 | 2.40 | 2.43 | 2.40 | 2.42 | 2.39 | 1.01 | down | 4.83E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1382722_at | --- | --- | --- | --- | Rn.205742 | A105345 | 2.41 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.01 | down | 1.52E-01 | 8.95E-01 | --- | --- | --- | | |
| 1379120_at | --- | --- | --- | --- | Rn.172751 | Bt383971 | 2.41 | 2.40 | 2.43 | 2.41 | 2.42 | 2.39 | 1.01 | down | 4.46E-01 | 8.95E-01 | --- | --- | --- | | |
| 1391875_at | Ghd3 | glyoxylate dehydrogenase (decarboxylating) | 309312 | Rn.17101 | Bt115309 | 2.38 | 2.38 | 2.40 | 2.38 | 2.38 | 2.36 | 1.01 | down | 3.38E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1398994_at | Tp53 | p53 tumor suppressor protein | 288719 | Rn.30659 | Bt30195 | 8.63 | 8.38 | 8.62 | 7.91 | 8.73 | 8.02 | 2.37 | 1.01 | down | 9.85E-01 | 9.95E-01 | --- | --- | --- | | |
| 1398831_at | Gh3c | SH3-domain GRB2-like 3 | 61921 | Rn.5909 | NM_031238 | 2.32 | 2.29 | 2.31 | 2.30 | 2.30 | 2.29 | 1.01 | down | 3.28E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1390714_at | --- | --- | --- | --- | A00008 | 2.38 | 2.34 | 2.38 | 2.35 | 2.35 | 2.33 | 1.01 | down | 2.54E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1376707_at | --- | --- | --- | --- | Rn.33478 | Bt309881 | 2.74 | 2.70 | 2.74 | 2.71 | 2.74 | 2.71 | 1.01 | down | 8.10E-01 | 9.24E-01 | --- | --- | --- | | |
| 1392728_at | --- | --- | --- | --- | Rn.167516 | AV114027 | 2.30 | 2.29 | 2.32 | 2.29 | 2.30 | 2.28 | 1.01 | down | 3.78E-01 | 8.95E-01 | --- | --- | --- | | |
| 1381421_at | Fg21 | fibroblast growth factor 21 | 176580 | Rn.13072 | NM_13072 | 2.44 | 2.43 | 2.46 | 2.44 | 2.43 | 2.43 | 1.01 | down | 4.58E-01 | 8.95E-01 | --- | --- | --- | | | |
| 1394621_at | --- | --- | --- | --- | Rn.144957 | Bt383971 | 2.38 | 2.37 | 2.40 | 2.36 | 2.40 | 2.36 | 1.01 | down | 5.05E-01 | 8.95E-01 | --- | --- | --- | | |
| 1380772_at | --- | --- | --- | --- | Bt165726 | 2.39 | 2.38 | 2.41 | 2.39 | 2.39 | 2.38 | 1.01 | down | 3.68E-01 | 8.95E-01 | --- | --- | --- | | | |
| 139461 | | | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test Csis vs Ctl (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|--------------------|----------------------|-----------|----------|-----------|------------|------------|-----------|------------|------------|-----------|----------|---------------------------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEP (Cn) | SEPP (Cn) | SEPS (Csa) | SEPA (Csa) | SEP (Csa) | SEPP (Csa) | SEPS (Csa) | | | | | |
| 1991465_at | Otu3 | OTU domain containing 3 | 500572 | Rn.98341 | BE112623 | 2.34 | 2.34 | 2.34 | 2.33 | 2.34 | 2.32 | 2.01 | down | 1.91E-01 | 8.95E-01 | - | - | | |
| 1384731_at | --- | --- | --- | --- | A043907 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.29 | 1.01 | down | 3.62E-01 | 8.95E-01 | - | - | | |
| 1989245_at | Chrm2 | cholinergic receptor, muscarinic 2 | 81845 | Rn.152929 | Rf142974 | 2.43 | 2.43 | 2.43 | 2.42 | 2.42 | 2.45 | 1.01 | down | 6.19E-01 | 8.95E-01 | - | - | | |
| 1581100_at | LOC371033 | hypothetical LOC371033 // similar to hypothetical protein FL20436 | 302002 | Rn.10752 | NM_031016 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.01 | down | 4.68E-01 | 8.95E-01 | - | - | | |
| 1987782_at | Cofxa2 | cytochrome c oxidase, subunit VIIa, polypeptide 2 | 22878 | Rn.5119 | NM_012812 | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 2.34 | 1.01 | down | 4.30E-01 | 8.95E-01 | - | - | | |
| 198748_at | Tfll1 | tubulin tyrosine ligase-like family member 11 | 669746 | Rn.56580 | BF387694 | 2.48 | 2.47 | 2.50 | 2.47 | 2.49 | 2.46 | 1.01 | down | 4.96E-01 | 8.95E-01 | - | - | | |
| 198748_at | Lys5 | low density lipoprotein receptor-related protein 5 | 223649 | Rn.20719 | AW45958 | 2.48 | 2.48 | 2.49 | 2.48 | 2.49 | 2.48 | 1.01 | down | 4.30E-01 | 8.95E-01 | - | - | | |
| 138153_at | --- | --- | --- | --- | Rf204043 | 2.48 | 2.48 | 2.49 | 2.48 | 2.49 | 2.43 | 1.01 | down | 6.55E-01 | 8.98E-01 | - | - | | |
| 1994983_at | --- | --- | --- | --- | Rn.149143 | BE108223 | 2.47 | 2.46 | 2.48 | 2.46 | 2.48 | 1.01 | down | 3.54E-01 | 8.95E-01 | - | - | | |
| 1992164_at | --- | --- | --- | --- | BG374714 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.01 | down | 2.56E-01 | 8.95E-01 | - | - | | |
| 1374274_at | --- | --- | --- | --- | Rn.50567 | AW45958 | 2.38 | 2.38 | 2.39 | 2.38 | 2.42 | 2.37 | 1.01 | up | 6.00E-01 | 8.95E-01 | - | - | |
| 1995469_at | --- | --- | --- | --- | AW251983 | 2.30 | 2.29 | 2.32 | 2.30 | 2.31 | 2.28 | 1.01 | down | 4.64E-01 | 8.95E-01 | - | - | | |
| 1992531_at | Cdc4a | cell division cycle associated 4 | 500727 | Rn.32428 | BZ23502 | 2.54 | 2.48 | 2.50 | 2.57 | 2.50 | 2.48 | 1.01 | up | 7.88E-01 | 9.31E-01 | - | - | | |
| 1991871_at | Start3 | START-related (spid transfer) (START) domain containing 13 | 498130 | Rn.26972 | AT93520 | 2.58 | 2.74 | 2.69 | 2.57 | 2.62 | 2.74 | 1.01 | down | 8.95E-01 | 9.87E-01 | - | - | | |
| 1971182_at | Topo | Thyroid peroxidase | 54314 | Rn.91199 | M7705 | 2.55 | 2.53 | 2.59 | 2.54 | 2.58 | 2.52 | 1.01 | down | 7.08E-01 | 9.08E-01 | - | - | | |
| 1980022_at | Sloc1A | solute carrier family 6 (neurotransmitter transporter), member 14 | 298340 | Rn.103083 | AI17961 | 2.57 | 2.53 | 2.60 | 2.54 | 2.67 | 2.60 | 1.01 | down | 6.77E-01 | 9.62E-01 | - | - | | |
| 1983865_at | --- | --- | --- | --- | BE121073 | 2.39 | 2.39 | 2.41 | 2.43 | 2.40 | 2.38 | 1.01 | down | 6.01E-01 | 8.95E-01 | - | - | | |
| 1981553_at | --- | --- | --- | --- | Rn.48491 | BE120852 | 2.41 | 2.42 | 2.43 | 2.42 | 2.42 | 2.39 | 1.01 | down | 4.23E-01 | 8.95E-01 | - | - | |
| 1985265_at | --- | --- | --- | --- | Rn.207788 | BG373225 | 2.43 | 2.41 | 2.44 | 2.41 | 2.43 | 2.41 | 1.01 | down | 2.83E-01 | 8.95E-01 | - | - | |
| 1995414_at | Agf1 | amylolytic 1,6-glucosidase, 4-alpha-glucanotransferase | 362029 | Rn.34559 | BZ20604 | 2.44 | 2.42 | 2.46 | 2.43 | 2.45 | 2.42 | 1.01 | down | 4.83E-01 | 8.95E-01 | - | - | | |
| 1982026_at | --- | --- | --- | --- | BF381823 | 2.39 | 2.37 | 2.39 | 2.38 | 2.43 | 2.37 | 1.01 | up | 6.81E-01 | 8.98E-01 | - | - | | |
| 1988073_at | --- | --- | --- | --- | Rn.146760 | AI149269 | 2.47 | 2.45 | 2.49 | 2.45 | 2.47 | 2.45 | 1.01 | down | 6.85E-01 | 8.95E-01 | - | - | |
| 1997007_at | --- | --- | --- | --- | BI278529 | 2.49 | 2.47 | 2.51 | 2.48 | 2.50 | 2.46 | 1.01 | down | 5.89E-01 | 8.95E-01 | - | - | | |
| 1974920_at | --- | --- | --- | --- | BF406240 | 2.39 | 2.43 | 2.39 | 2.40 | 2.41 | 2.39 | 1.01 | down | 4.93E-01 | 8.95E-01 | - | - | | |
| 1995008_at | Itn1 | interactin 1 (SH3 domain protein) | 29491 | Rn.48657 | BF406662 | 2.33 | 2.32 | 2.35 | 2.33 | 2.38 | 2.29 | 1.01 | down | 6.16E-01 | 8.98E-01 | - | - | | |
| 1982531_at | Tp1 | tbl-like receptor 7 | 317468 | Rn.219862 | A040425 | 2.43 | 2.41 | 2.44 | 2.42 | 2.43 | 2.40 | 1.01 | down | 4.87E-01 | 8.95E-01 | - | - | | |
| 1987929_at | Trop2 | Tropoin 2 type 2 (cardiac) | 24937 | Rn.8095 | NI_02978 | 2.50 | 2.47 | 2.53 | 2.51 | 2.52 | 2.45 | 1.01 | down | 7.48E-01 | 9.19E-01 | - | - | | |
| 1987817_at | Tgm3 | thrombospondin 3, gamma | 117557 | Rn.37575 | NM_057208 | 12.28 | 12.14 | 12.27 | 12.15 | 12.25 | 12.30 | 1.01 | up | 8.79E-01 | 9.63E-01 | - | - | | |
| 1988663_at | Astn1 | astrotactin 1 | 304900 | Rn.28132 | AI120261 | 2.38 | 2.37 | 2.40 | 2.37 | 2.39 | 2.36 | 1.01 | down | 4.86E-01 | 8.95E-01 | - | - | | |
| 1978191_at | --- | --- | --- | --- | A071712 | 2.31 | 2.30 | 2.32 | 2.30 | 2.32 | 2.30 | 1.01 | down | 4.42E-01 | 8.95E-01 | - | - | | |
| 1984711_at | --- | --- | --- | --- | AI14990 | 2.40 | 2.37 | 2.44 | 2.39 | 2.40 | 2.38 | 1.01 | down | 6.44E-01 | 8.95E-01 | - | - | | |
| 1985247_at | DnaL3 | deoxyribonuclease 1-like 3 | 111857 | Rn.209924 | NM_053922 | 2.34 | 2.32 | 2.35 | 2.32 | 2.34 | 2.32 | 1.01 | down | 4.32E-01 | 8.95E-01 | - | - | | |
| 1994983_at | --- | --- | --- | --- | 200060 [J. Rn. 70] | AW519728 | 2.57 | 2.52 | 2.61 | 2.53 | 2.67 | 2.48 | 1.01 | down | 8.84E-01 | 9.64E-01 | - | - | |
| 1983124_at | --- | --- | --- | --- | AI148807 | 2.42 | 2.41 | 2.44 | 2.41 | 2.42 | 2.40 | 1.01 | down | 3.73E-01 | 8.95E-01 | - | - | | |
| 1984647_at | RYG2S | potential ligand-binding protein | 499925 | --- | AI10367 | 2.38 | 2.38 | 2.39 | 2.38 | 2.40 | 2.38 | 1.01 | down | 6.35E-01 | 8.95E-01 | - | - | | |
| 1985688_at | --- | --- | --- | --- | BF287970 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.33 | 1.01 | down | 3.80E-01 | 8.95E-01 | - | - | | |
| 1985440_at | --- | --- | --- | --- | AW195479 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.47 | 1.01 | down | 6.85E-01 | 9.65E-01 | - | - | | |
| 1979257_at | Eph4.11a | erythrocyte protein band 4.1-like 4a | 307514 | Rn.107191 | BE1100811 | 5.31 | 3.98 | 3.71 | 3.79 | 4.72 | 4.53 | 1.01 | up | 9.87E-01 | 9.96E-01 | - | - | | |
| 1978212_at | --- | --- | --- | --- | BZ03251 | 2.34 | 2.30 | 2.31 | 2.31 | 2.31 | 2.30 | 1.01 | down | 3.94E-01 | 8.95E-01 | - | - | | |
| 1987933_at | --- | --- | --- | --- | Rn.146838 | BI208101 | 2.44 | 2.45 | 2.47 | 2.44 | 2.45 | 2.43 | 1.01 | down | 6.85E-01 | 8.95E-01 | - | - | |
| 1981583_at | --- | --- | --- | --- | AW522965 | 2.39 | 2.37 | 2.40 | 2.38 | 2.39 | 2.36 | 1.01 | down | 4.46E-01 | 8.95E-01 | - | - | | |
| 1990626_at | --- | --- | --- | --- | AW205193 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.01 | up | 6.74E-01 | 9.01E-01 | - | - | | |
| 1982929_at | --- | --- | --- | --- | BF141609 | 7.28 | 6.05 | 6.35 | 6.70 | 6.41 | 6.51 | 1.01 | down | 8.43E-01 | 9.68E-01 | - | - | | |
| 1991306_at | --- | --- | --- | --- | A070952 | 6.79 | 6.44 | 6.74 | 6.78 | 6.67 | 6.57 | 1.01 | up | 9.88E-01 | 9.96E-01 | - | - | | |
| 1997005_at | --- | --- | --- | --- | NM_015710 | 2.44 | 2.41 | 2.44 | 2.41 | 2.44 | 2.41 | 1.01 | down | 5.24E-01 | 8.95E-01 | - | - | | |
| 1987621_at | Dapk3 | death-associated protein kinase 3 | 64391 | Rn.60353 | AI51060 | 2.45 | 2.43 | 2.48 | 2.45 | 2.46 | 2.43 | 1.01 | down | 5.43E-01 | 8.95E-01 | - | - | | |
| 1979390_at | --- | --- | --- | --- | NM_022548 | 3.10 | 3.08 | 3.03 | 3.10 | 3.06 | 3.09 | 1.01 | up | 7.02E-01 | 9.07E-01 | - | - | | |
| 1981326_at | --- | --- | --- | --- | AI131016 | 2.31 | 2.29 | 2.32 | 2.29 | 2.32 | 2.31 | 1.01 | down | 4.85E-01 | 8.95E-01 | - | - | | |
| 1974343_at | Dgat2 | diacylglycerol transferase 2 (Drosophila) | 316324 | Rn.18302 | AW57104 | 2.50 | 2.49 | 2.52 | 2.49 | 2.50 | 2.48 | 1.01 | down | 4.24E-01 | 8.95E-01 | - | - | | |
| 1970900_at | Myl4 | myosin, heavy chain 4, skeletal muscle | 305543 | Rn.202948 | BM3851169 | 2.50 | 2.46 | 2.59 | 2.49 | 2.64 | 2.44 | 1.01 | down | 8.85E-01 | 9.67E-01 | - | - | | |
| 1973801_at | --- | --- | --- | --- | BF404819 | 2.44 | 2.41 | 2.44 | 2.42 | 2.44 | 2.41 | 1.01 | down | 4.93E-01 | 8.95E-01 | - | - | | |
| 1986807_at | --- | --- | --- | --- | AI137911 | 2.56 | 2.56 | 2.62 | 2.56 | 2.64 | 2.68 | 1.01 | down | 6.41E-01 | 9.68E-01 | - | - | | |
| 1976111_at | --- | --- | --- | --- | BG371689 | 2.44 | 2.43 | 2.45 | 2.43 | 2.44 | 2.42 | 1.01 | down | 3.11E-01 | 8.95E-01 | - | - | | |
| 1991247_at | --- | --- | --- | --- | BF403238 | 2.40 | 2.39 | 2.42 | 2.39 | 2.41 | 2.38 | 1.01 | down | 5.21E-01 | 8.95E-01 | - | - | | |
| 1980712_at | EM3 | early B-cell factor 3 | 381668 | Rn.64435 | BE117335 | 2.38 | 2.38 | 2.39 | 2.37 | 2.38 | 2.38 | 1.01 | down | 4.68E-01 | 8.95E-01 | - | - | | |
| 1989506_at | --- | --- | --- | --- | BE113139 | 2.50 | 2.44 | 2.50 | 2.47 | 2.47 | 2.47 | 1.01 | down | 6.23E-01 | 8.95E-01 | - | - | | |
| 1987650_at | --- | --- | --- | --- | NM_015015 | 2.39 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.01 | down | 4.26E-01 | 8.95E-01 | - | - | | |
| 1987311_at | Ning1 | netrin G1 | 295382 | Rn.163828 | BM3851312 | 2.41 | 2.40 | 2.43 | 2.40 | 2.42 | 2.39 | 1.01 | down | 5.00E-01 | 8.95E-01 | - | - | | |
| 1985659_at | --- | --- | --- | --- | BF562977 | 2.51 | 2.44 | 2.46 | 2.45 | 2.51 | 2.43 | 1.01 | down | 7.84E-01 | 9.30E-01 | - | - | | |
| 1985659_at | --- | --- | --- | --- | BM3851292 | 2.42 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 1.01 | down | 3.14E-01 | 8.95E-01 | - | - | | |
| 1987377_at | PaK1 | p21 protein (Cdc42/Rac)-activated kinase 1 | 29431 | Rn.19149 | U23443 | 5.28 | 5.68 | 6.00 | 4.73 | 6.09 | 5.14 | 1.01 | up | 9.84E-01 | 9.95E-01 | - | - | | |
| 1986620_at | Bace2 | Beta-site APP-cleaving enzyme 2 | 288227 | Rn.35851 | BF39302 | 2.35 | 2.35 | 2.36 | 2.35 | 2.35 | 2.33 | 1.01 | down | 2.22E-01 | 8.95E-01 | - | - | | |
| 1986386_at | --- | --- | --- | --- | BF386665 | 2.51 | 2.48 | 2.54 | 2.50 | 2.53 | 2.47 | 1.01 | down | 6.35E-01 | 8.95E-01 | - | - | | |
| 1979750_at | --- | --- | --- | --- | AW63477 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.33 | 1.01 | down | 4.13E-01 | 8.95E-01 | - | - | | |
| 1994710_at | Popdc2 | popliteal domain containing 2 | 386118 | Rn.145473 | AI17245 | 2.37 | 2.34 | 2.35 | 2. | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|-------------|---|---------|------------|-----------|-----------------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEP (Cn) | SEPB (Cn) | SEPC (Cn) | SEPD (Cn) | SEPE (Cn) | SEPF (Cn) | SEPG (Cn) | | | | | |
| 1386505_at | Gpr84 | G protein-coupled receptor 84 | 688730 | Rn_171137 | BF401793 | 2.31 | 2.30 | 2.31 | 2.29 | 2.31 | 2.29 | 2.01 | down | 3.69E-01 | 8.95E-01 | | | | |
| 1392633_at | --- | --- | --- | --- | Rn_33302 | A048724 | 2.36 | 2.37 | 2.37 | 2.35 | 2.36 | 2.34 | 1.01 | down | 3.32E-01 | 8.95E-01 | | | |
| 1391709_at | --- | --- | --- | --- | Rn_165924 | BF285235 | 2.45 | 2.45 | 2.45 | 2.44 | 2.43 | 2.44 | 1.01 | down | 4.89E-01 | 8.95E-01 | | | |
| 1398477_at | --- | --- | --- | --- | Rn_148912 | A1146156 | 2.39 | 2.37 | 2.41 | 2.38 | 2.39 | 2.37 | 1.01 | down | 4.89E-01 | 8.95E-01 | | | |
| 1398129_at | --- | --- | --- | --- | --- | BF354883 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.01 | down | 3.91E-01 | 8.95E-01 | | | |
| 1398248_at | --- | --- | --- | --- | --- | A011760 | 2.37 | 2.35 | 2.37 | 2.35 | 2.42 | 2.34 | 1.01 | up | 7.33E-01 | 9.14E-01 | | | |
| 1398540_at | Ncapg | non-SMC condensin I complex, subunit H | 600809 | Rn_138041 | A012651 | 2.31 | 2.30 | 2.32 | 2.29 | 2.31 | 2.30 | 1.01 | down | 3.03E-01 | 8.95E-01 | | | | |
| 1398540_at | Agmatase | agmatase (S-adenosyl-L-homocysteine D-acyltransferase 5 (hypophosphatidic acid acylase family with sequence similarity 91, member A1) | 369682 | Rn_259010 | A048698 | 2.23 | 2.23 | 2.24 | 2.22 | 2.24 | 2.22 | 1.01 | down | 6.14E-01 | 8.95E-01 | | | | |
| 1398111_at | Fam191a | family with sequence similarity 191, member A1 | 689997 | Rn_8212 | B128224 | 5.33 | 5.78 | 5.24 | 5.48 | 5.23 | 5.61 | 1.01 | down | 9.66E-01 | 9.90E-01 | | | | |
| 1380130_at | --- | --- | --- | --- | Rn_259028 | A053379 | 2.43 | 2.42 | 2.43 | 2.42 | 2.44 | 2.42 | 1.01 | down | 5.41E-01 | 8.95E-01 | | | |
| 1380130_at | --- | --- | --- | --- | Rn_204182 | A038457 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.01 | down | 2.84E-01 | 8.95E-01 | | | |
| 1380172_at | --- | --- | --- | --- | Rn_147840 | A046475 | 2.41 | 2.39 | 2.41 | 2.40 | 2.41 | 2.38 | 1.01 | down | 4.37E-01 | 8.95E-01 | | | |
| 1392594_at | --- | --- | --- | --- | Rn_210375 | BF397676 | 2.43 | 2.40 | 2.41 | 2.40 | 2.42 | 2.39 | 1.01 | down | 4.82E-01 | 8.95E-01 | | | |
| 1394777_at | Fam158a | Family with sequence similarity 158, member A | 290224 | Rn_163288 | A136182 | 2.43 | 2.41 | 2.58 | 2.43 | 2.54 | 2.43 | 1.01 | down | 8.97E-01 | 9.68E-01 | | | | |
| 1397150_at | Pad1 | peptidyl arginine deiminase, type 1 | 54282 | Rn_30030 | NM_019332 | 2.32 | 2.33 | 2.33 | 2.32 | 2.32 | 2.31 | 1.01 | down | 4.96E-02 | 8.95E-01 | | | | |
| 1398070_at | LOC88512 | similar to Probable phospholipid-transporting ATPase B (ATPase class I type engulphin and cel motility 2) | 685152 | Rn_164557 | B127855 | 2.44 | 2.40 | 2.41 | 2.41 | 2.43 | 2.39 | 1.01 | down | 6.32E-01 | 8.95E-01 | | | | |
| 1380377_at | Emo2 | Thy-1 cell surface antigen | 362271 | Rn_42892 | BF415834 | 2.40 | 2.40 | 2.40 | 2.39 | 2.40 | 2.38 | 1.01 | down | 4.88E-01 | 8.95E-01 | | | | |
| 1380665_at | --- | --- | --- | --- | Rn_209332 | BF397640 | 2.33 | 2.32 | 2.35 | 2.32 | 2.33 | 2.32 | 1.01 | down | 4.56E-01 | 8.95E-01 | | | |
| 1389322_at | --- | --- | --- | --- | Rn_61500 | NM_022564 | 2.37 | 2.35 | 2.37 | 2.36 | 2.42 | 2.35 | 1.01 | up | 7.10E-01 | 9.09E-01 | | | |
| 1391203_at | --- | --- | --- | --- | Rn_148887 | BM391846 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.01 | down | 3.79E-01 | 8.95E-01 | | | |
| 1391154_at | --- | --- | --- | --- | Rn_49533 | BE097096 | 2.49 | 2.46 | 2.46 | 2.46 | 2.47 | 2.45 | 1.01 | down | 3.94E-01 | 8.95E-01 | | | |
| 1398942_at | Acn5 | amiloride-sensitive cation channel 5, intestinal | 63866 | Rn_44631 | NM_022227 | 2.44 | 2.42 | 2.45 | 2.47 | 2.44 | 2.45 | 1.01 | down | 3.89E-01 | 8.95E-01 | | | | |
| 1398487_at | --- | --- | --- | --- | Rn_209919 | BF404419 | 2.33 | 2.32 | 2.34 | 2.31 | 2.33 | 2.32 | 1.01 | down | 2.71E-01 | 8.95E-01 | | | |
| 1398562_at | Tmem54 | transmembrane protein 54 | 362605 | Rn_162106 | BC377562 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.29 | 1.01 | down | 4.47E-01 | 8.95E-01 | | | | |
| 1398562_at | --- | --- | --- | --- | Rn_109198 | A145113 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.01 | down | 4.21E-01 | 8.95E-01 | | | |
| 1398563_at | --- | --- | --- | --- | Rn_211057 | BF405036 | 2.42 | 2.42 | 2.44 | 2.41 | 2.45 | 2.38 | 1.01 | down | 6.72E-01 | 9.01E-01 | | | |
| 1397327_at | Trm7 | transfer RNA methyltransferase 7 | 689274 | Rn_198327 | A157344 | 2.35 | 2.34 | 2.35 | 2.33 | 2.35 | 2.33 | 1.01 | down | 6.25E-01 | 8.95E-01 | | | | |
| 1394533_at | --- | --- | --- | --- | Rn_131305 | B1201166 | 2.40 | 2.38 | 2.42 | 2.38 | 2.41 | 2.37 | 1.01 | down | 5.84E-01 | 8.95E-01 | | | |
| 1379192_at | Asf1a | ASF 1 anti-silencing function 1 homolog A (S. cerevisiae) | 294408 | Rn_163427 | AW52696 | 4.70 | 4.48 | 4.45 | 3.91 | 4.68 | 5.08 | 1.01 | up | 9.81E-01 | 9.94E-01 | | | | |
| 1398477_at | --- | --- | --- | --- | Rn_208631 | BF403056 | 2.36 | 2.36 | 2.40 | 2.36 | 2.42 | 2.38 | 1.01 | down | 5.14E-01 | 8.95E-01 | | | |
| 1398357_at | --- | --- | --- | --- | Rn_42892 | NM_021694 | 2.39 | 2.38 | 2.42 | 2.39 | 2.40 | 2.38 | 1.01 | down | 5.38E-01 | 8.95E-01 | | | |
| 1380477_at | Hook3 | hook homolog 3 (Drosophila) | 306548 | Rn_203282 | A113004 | 2.40 | 2.38 | 2.39 | 2.38 | 2.39 | 2.37 | 1.01 | down | 3.50E-01 | 8.95E-01 | | | | |
| 1376237_at | --- | --- | --- | --- | Rn_36521 | A1145940 | 5.10 | 4.85 | 4.30 | 3.72 | 6.09 | 4.41 | 1.01 | down | 8.91E-01 | 9.97E-01 | | | |
| 1397400_at | --- | --- | --- | --- | Rn_148887 | BM391846 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.01 | down | 3.79E-01 | 8.95E-01 | | | |
| 1385151_at | --- | --- | --- | --- | Rn_49533 | BE097096 | 2.49 | 2.46 | 2.46 | 2.46 | 2.47 | 2.45 | 1.01 | down | 3.94E-01 | 8.95E-01 | | | |
| 1398942_at | --- | --- | --- | --- | Rn_44631 | NM_022227 | 2.44 | 2.42 | 2.45 | 2.47 | 2.44 | 2.45 | 1.01 | down | 3.89E-01 | 8.95E-01 | | | |
| 1398487_at | --- | --- | --- | --- | Rn_209919 | BF404419 | 2.33 | 2.32 | 2.34 | 2.31 | 2.33 | 2.32 | 1.01 | down | 2.71E-01 | 8.95E-01 | | | |
| 1398562_at | --- | --- | --- | --- | Rn_162106 | BC377562 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.29 | 1.01 | down | 4.47E-01 | 8.95E-01 | | | |
| 1398562_at | --- | --- | --- | --- | Rn_109198 | A145113 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.01 | down | 4.21E-01 | 8.95E-01 | | | |
| 1398563_at | --- | --- | --- | --- | Rn_211057 | BF405036 | 2.42 | 2.42 | 2.44 | 2.41 | 2.45 | 2.38 | 1.01 | down | 6.72E-01 | 9.01E-01 | | | |
| 1397327_at | --- | --- | --- | --- | Rn_198327 | A157344 | 2.35 | 2.34 | 2.35 | 2.33 | 2.35 | 2.33 | 1.01 | down | 6.25E-01 | 8.95E-01 | | | |
| 1394533_at | --- | --- | --- | --- | Rn_131305 | B1201166 | 2.40 | 2.38 | 2.42 | 2.38 | 2.41 | 2.37 | 1.01 | down | 5.84E-01 | 8.95E-01 | | | |
| 1379192_at | --- | --- | --- | --- | Rn_163427 | AW52696 | 4.70 | 4.48 | 4.45 | 3.91 | 4.68 | 5.08 | 1.01 | up | 9.81E-01 | 9.94E-01 | | | |
| 1398477_at | --- | --- | --- | --- | Rn_208631 | BF403056 | 2.36 | 2.36 | 2.40 | 2.36 | 2.42 | 2.38 | 1.01 | down | 5.14E-01 | 8.95E-01 | | | |
| 1398357_at | --- | --- | --- | --- | Rn_42892 | NM_021694 | 2.39 | 2.38 | 2.42 | 2.39 | 2.40 | 2.38 | 1.01 | down | 5.38E-01 | 8.95E-01 | | | |
| 1380477_at | --- | --- | --- | --- | Rn_203282 | A113004 | 2.40 | 2.38 | 2.39 | 2.38 | 2.39 | 2.37 | 1.01 | down | 3.50E-01 | 8.95E-01 | | | |
| 1376237_at | --- | --- | --- | --- | Rn_36521 | A1145940 | 5.10 | 4.85 | 4.30 | 3.72 | 6.09 | 4.41 | 1.01 | down | 8.91E-01 | 9.97E-01 | | | |
| 1397400_at | --- | --- | --- | --- | Rn_148887 | BM391846 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.01 | down | 3.79E-01 | 8.95E-01 | | | |
| 1385151_at | --- | --- | --- | --- | Rn_49533 | BE097096 | 2.49 | 2.46 | 2.46 | 2.46 | 2.47 | 2.45 | 1.01 | down | 3.94E-01 | 8.95E-01 | | | |
| 1398942_at | --- | --- | --- | --- | Rn_44631 | NM_022227 | 2.44 | 2.42 | 2.45 | 2.47 | 2.44 | 2.45 | 1.01 | down | 3.89E-01 | 8.95E-01 | | | |
| 1398487_at | --- | --- | --- | --- | Rn_209919 | BF404419 | 2.33 | 2.32 | 2.34 | 2.31 | 2.33 | 2.32 | 1.01 | down | 2.71E-01 | 8.95E-01 | | | |
| 1398562_at | --- | --- | --- | --- | Rn_162106 | BC377562 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.29 | 1.01 | down | 4.47E-01 | 8.95E-01 | | | |
| 1398562_at | --- | --- | --- | --- | Rn_109198 | A145113 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.01 | down | 4.21E-01 | 8.95E-01 | | | |
| 1398563_at | --- | --- | --- | --- | Rn_211057 | BF405036 | 2.42 | 2.42 | 2.44 | 2.41 | 2.45 | 2.38 | 1.01 | down | 6.72E-01 | 9.01E-01 | | | |
| 1397327_at | --- | --- | --- | --- | Rn_198327 | A157344 | 2.35 | 2.34 | 2.35 | 2.33 | 2.35 | 2.33 | 1.01 | down | 6.25E-01 | 8.95E-01 | | | |
| 1394533_at | --- | --- | --- | --- | Rn_131305 | B1201166 | 2.40 | 2.38 | 2.42 | 2.38 | 2.41 | 2.37 | 1.01 | down | 5.84E-01 | 8.95E-01 | | | |
| 1379192_at | --- | --- | --- | --- | Rn_163427 | AW52696 | 4.70 | 4.48 | 4.45 | 3.91 | 4.68 | 5.08 | 1.01 | up | 9.81E-01 | 9.94E-01 | | | |
| 1398477_at | --- | --- | --- | --- | Rn_208631 | BF403056 | 2.36 | 2.36 | 2.40 | 2.36 | 2.42 | 2.38 | 1.01 | down | 5.14E-01 | 8.95E-01 | | | |
| 1398357_at | --- | --- | --- | --- | Rn_42892 | NM_021694 | 2.39 | 2.38 | 2.42 | 2.39 | 2.40 | 2.38 | 1.01 | down | 5.38E-01 | 8.95E-01 | | | |
| 1380477_at | --- | --- | --- | --- | Rn_203282 | A113004 | 2.40 | 2.38 | 2.39 | 2.38 | 2.39 | 2.37 | 1.01 | down | 3.50E-01 | 8.95E-01 | | | |
| 1376237_at | --- | --- | --- | --- | Rn_36521 | A1145940 | 5.10 | 4.85 | 4.30 | 3.72 | 6.09 | 4.41 | 1.01 | down | 8.91E-01 | 9.97E-01 | | | |
| 1397400_at | --- | --- | --- | --- | Rn_148887 | BM391846 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.01 | down | 3.79E-01 | 8.95E-01 | | | |
| 1385151_at | --- | --- | --- | --- | Rn_49533 | BE097096 | 2.49 | 2.46 | 2.46 | 2.46 | 2.47 | 2.45 | 1.01 | down | 3.94E-01 | 8.95E-01 | | | |
| 1398942_at | --- | --- | --- | --- | Rn_44631 | NM_022227 | 2.44 | 2.42 | 2.45 | 2.47 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRA Intensities (log) | | | | | | | | | FC/Abouse | Resonance | Unpaired t-test vs CH (p-value) | REG | MTC |
|------------|-------------|---|---------|-----------|-----------|------------------------|-----------|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------------|-------|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEP1 | SEP2 | SEPA (Ca) | SEPB (Ca) | SEPC (Ca) | FC/Abouse | Resonance | | | | | |
| 1316729_at | Tomn34 | translocase of outer mitochondrial membrane 34 | 311621 | Rn.16749 | AVW25136 | 2.62 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | 2.60 | 2.61 | |
| 1320104_at | Hspb11 | Heat shock protein family B (small), member 11 | 685294 | Rn.200163 | BF419883 | 2.29 | 2.28 | 2.33 | 2.28 | 2.31 | 2.28 | 2.31 | 2.28 | 2.31 | 2.28 | 2.31 | 2.28 | 2.31 | |
| 1320105_at | Nme15 | N-myristoyl transferase 2 | 219318 | Rn.165278 | BF563806 | 2.42 | 2.40 | 2.45 | 2.41 | 2.45 | 2.39 | 2.40 | 2.45 | 2.39 | 2.40 | 2.45 | 2.39 | 2.40 | |
| 1320106_at | Cdon | Cdon homolog (mouse) | 50938 | Rn.10818 | NM_017358 | 2.35 | 2.34 | 2.38 | 2.34 | 2.38 | 2.34 | 2.38 | 2.34 | 2.38 | 2.34 | 2.38 | 2.34 | 2.38 | |
| 1320107_at | Spra2 | termatogenesis associated 2 | 114210 | Rn.201291 | AF578233 | 2.57 | 2.53 | 2.61 | 2.53 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | |
| 1320108_at | Actg2 | actin, gamma 2, smooth muscle, enteric | 25365 | Rn.798 | BF16791 | 2.40 | 2.40 | 2.42 | 2.40 | 2.41 | 2.37 | 2.40 | 2.41 | 2.37 | 2.40 | 2.41 | 2.37 | 2.40 | |
| 1320109_at | Actg2 | actin, gamma 2, smooth muscle, enteric | 25365 | Rn.958 | NM_012893 | 2.55 | 2.49 | 2.58 | 2.53 | 2.56 | 2.50 | 2.53 | 2.56 | 2.50 | 2.53 | 2.56 | 2.50 | 2.53 | |
| 1320110_at | Actg2 | actin, gamma 2, smooth muscle, enteric | 25365 | Rn.146526 | BF400992 | 2.44 | 2.43 | 2.44 | 2.43 | 2.45 | 2.40 | 2.43 | 2.45 | 2.40 | 2.43 | 2.45 | 2.40 | 2.43 | |
| 1320111_at | Prb1 | proline-rich protein Bn1 subfamily 1 | 257651 | Rn.29950 | L17318 | 2.40 | 2.39 | 2.42 | 2.40 | 2.41 | 2.38 | 2.40 | 2.41 | 2.38 | 2.40 | 2.41 | 2.38 | 2.40 | |
| 1320112_at | Hrk3 | GLI-Kruppel family member HRK3 | 362698 | Rn.17334 | BF402144 | 2.38 | 2.37 | 2.40 | 2.37 | 2.39 | 2.36 | 2.37 | 2.39 | 2.36 | 2.37 | 2.39 | 2.36 | 2.37 | |
| 1320113_at | Lmbn1 | lamin B1 | 116685 | Rn.11682 | A047934 | 2.47 | 2.44 | 2.45 | 2.44 | 2.45 | 2.44 | 2.44 | 2.45 | 2.44 | 2.44 | 2.45 | 2.44 | 2.44 | |
| 1320114_at | Tnfrsf11 | tumor necrosis factor (ligand) superfamily, member 11 | 117516 | Rn.17013 | BE039828 | 2.34 | 2.34 | 2.36 | 2.34 | 2.36 | 2.32 | 2.34 | 2.36 | 2.32 | 2.34 | 2.36 | 2.32 | 2.34 | |
| 1320115_at | --- | --- | --- | Rn.12289 | A030739 | 2.44 | 2.43 | 2.46 | 2.44 | 2.45 | 2.42 | 2.44 | 2.45 | 2.42 | 2.44 | 2.45 | 2.42 | 2.44 | |
| 1320116_at | --- | --- | --- | Rn.63580 | BF419773 | 2.47 | 2.46 | 2.50 | 2.47 | 2.48 | 2.45 | 2.47 | 2.48 | 2.45 | 2.47 | 2.48 | 2.45 | 2.47 | |
| 1320117_at | --- | --- | --- | Rn.153674 | BM38309 | 2.57 | 2.53 | 2.60 | 2.55 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | 2.54 | 2.57 | |
| 1320118_at | Eid1 | EP300 interacting inhibitor of differentiation 1 | 469882 | Rn.22737 | BE117430 | 2.91 | 2.90 | 2.98 | 2.98 | 2.98 | 2.92 | 2.98 | 2.98 | 2.92 | 2.98 | 2.98 | 2.92 | 2.98 | |
| 1320119_at | --- | --- | --- | Rn.30399 | A071937 | 2.40 | 2.42 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | |
| 1320120_at | --- | --- | --- | Rn.218782 | BF415701 | 2.28 | 2.27 | 2.28 | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.28 | 2.27 | |
| 1320121_at | --- | --- | --- | Rn.67079 | BE114231 | 2.40 | 2.38 | 2.42 | 2.40 | 2.41 | 2.38 | 2.40 | 2.41 | 2.38 | 2.40 | 2.41 | 2.38 | 2.40 | |
| 1320122_at | Sephs1 | selenophosphate synthetase 1 | 291314 | Rn.102803 | A113711 | 7.56 | 7.48 | 7.07 | 7.34 | 7.97 | 7.79 | 7.79 | 7.79 | 7.79 | 7.79 | 7.79 | 7.79 | 7.79 | |
| 1320123_at | --- | --- | --- | Rn.47100 | BF410051 | 2.45 | 2.44 | 2.47 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | |
| 1320124_at | Ppp1b | protein phosphatase 1, regulatory (inhibitor) subunit B | 313300 | Rn.16580 | B078555 | 7.02 | 6.92 | 6.82 | 6.92 | 7.04 | 7.12 | 7.21 | 7.01 | 7.10 | 7.19 | 7.28 | 7.37 | | |
| 1320125_at | Pde3a | phosphodiesterase 3A, cGMP-inhibited | 50678 | Rn.44403 | NM_017337 | 2.33 | 2.33 | 2.33 | 2.32 | 2.33 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | |
| 1320126_at | Cpeb1 | cytoplasmic polyadenylation element binding protein 1 | 250566 | Rn.14572 | BG369435 | 2.34 | 2.32 | 2.34 | 2.33 | 2.33 | 2.36 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | |
| 1320127_at | Cnrb2 | Cnrb2 | 117059 | Rn.10321 | NM_023698 | 2.29 | 2.28 | 2.29 | 2.27 | 2.27 | 2.26 | 2.27 | 2.27 | 2.26 | 2.27 | 2.27 | 2.26 | 2.27 | |
| 1320128_at | --- | --- | --- | Rn.178345 | B0299536 | 2.43 | 2.40 | 2.43 | 2.40 | 2.44 | 2.39 | 2.40 | 2.44 | 2.39 | 2.40 | 2.44 | 2.39 | 2.40 | |
| 1320129_at | --- | --- | --- | Rn.22927 | NM_023698 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | |
| 1320130_at | --- | --- | --- | Rn.104028 | B020323 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.32 | 2.34 | 2.35 | 2.32 | 2.34 | 2.35 | 2.32 | 2.34 | |
| 1320131_at | --- | --- | --- | Rn.16927 | BF587236 | 2.47 | 2.46 | 2.49 | 2.47 | 2.48 | 2.45 | 2.48 | 2.49 | 2.46 | 2.49 | 2.47 | 2.48 | 2.45 | |
| 1320132_at | --- | --- | --- | Rn.28193 | NM_016211 | 12.81 | 12.37 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | 12.17 | |
| 1320133_at | --- | --- | --- | Rn.22793 | BF559272 | 2.52 | 2.50 | 2.52 | 2.51 | 2.52 | 2.49 | 2.51 | 2.52 | 2.49 | 2.51 | 2.52 | 2.49 | 2.51 | |
| 1320134_at | --- | --- | --- | Rn.207798 | BF410051 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | |
| 1320135_at | --- | --- | --- | Rn.171068 | BE107671 | 2.70 | 2.62 | 2.81 | 2.68 | 2.72 | 2.86 | 2.70 | 2.71 | 2.86 | 2.70 | 2.71 | 2.86 | 2.70 | |
| 1320136_at | --- | --- | --- | Rn.30592 | A000555 | 2.56 | 2.56 | 2.57 | 2.56 | 2.57 | 2.56 | 2.57 | 2.56 | 2.57 | 2.56 | 2.57 | 2.56 | 2.57 | |
| 1320137_at | --- | --- | --- | Rn.63488 | BF440077 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | |
| 1320138_at | --- | --- | --- | Rn.162264 | AA63863 | 2.41 | 2.40 | 2.42 | 2.41 | 2.42 | 2.40 | 2.41 | 2.42 | 2.40 | 2.41 | 2.42 | 2.40 | 2.41 | |
| 1320139_at | Pkw1p | Pkw interacting protein 1 (L11 inducible) | 498171 | Rn.44767 | BM384446 | 2.33 | 2.31 | 2.36 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 2.34 | |
| 1320140_at | --- | --- | --- | Rn.20589 | BF387139 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | |
| 1320141_at | --- | --- | --- | Rn.219323 | AA549021 | 2.43 | 2.41 | 2.42 | 2.41 | 2.45 | 2.36 | 2.41 | 2.45 | 2.36 | 2.41 | 2.45 | 2.36 | 2.41 | |
| 1320142_at | --- | --- | --- | Rn.17279 | BF485769 | 2.38 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | |
| 1320143_at | --- | --- | --- | Rn.14102 | B021859 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.31 | 2.34 | 2.33 | 2.34 | 2.31 | 2.34 | 2.33 | 2.34 | |
| 1320144_at | --- | --- | --- | Rn.10130 | NM_013161 | 2.37 | 2.38 | 2.38 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | |
| 1320145_at | --- | --- | --- | Rn.150523 | AA45669 | 2.43 | 2.42 | 2.45 | 2.43 | 2.44 | 2.44 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | |
| 1320146_at | --- | --- | --- | Rn.21009 | BG72302 | 2.53 | 2.51 | 2.51 | 2.51 | 2.52 | 2.52 | 2.51 | 2.52 | 2.51 | 2.52 | 2.51 | 2.52 | 2.51 | |
| 1320147_at | --- | --- | --- | Rn.33322 | BF510989 | 2.38 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | 2.37 | 2.40 | |
| 1320148_at | --- | --- | --- | Rn.202632 | A101637 | 2.43 | 2.42 | 2.44 | 2.42 | 2.43 | 2.41 | 2.42 | 2.43 | 2.41 | 2.42 | 2.43 | 2.41 | 2.42 | |
| 1320149_at | --- | --- | --- | Rn.40465 | A013384 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | |
| 1320150_at | --- | --- | --- | Rn.10338 | BF381927 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | |
| 1320151_at | --- | --- | --- | Rn.1898 | NM_053314 | 7.37 | 7.77 | 7.73 | 7.23 | 7.53 | 7.26 | 7.61 | 7.01 | 7.31 | 7.61 | 7.01 | 7.31 | 7.61 | |
| 1320152_at | --- | --- | --- | Rn.42919 | M07656 | 2.35 | 2.33 | 2.35 | 2.34 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | |
| 1320153_at | --- | --- | --- | Rn.62994 | BF58247 | 2.35 | 2.33 | 2.35 | 2.34 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | |
| 1320154_at | --- | --- | --- | Rn.19710 | AV552621 | 2.46 | 2.44 | 2.45 | 2.44 | 2.45 | 2.40 | 2.44 | 2.45 | 2.40 | 2.44 | 2.45 | 2.40 | 2.44 | |
| 1320155_at | --- | --- | --- | Rn.20589 | BF387139 | 2.40 | 2.38 | 2.41 | 2.38 | 2.40 | 2.38 | 2.41 | 2.38 | 2.40 | 2.38 | 2.41 | 2.38 | 2.40 | |
| 1320156_at | --- | --- | --- | Rn.216999 | BC379853 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | 2.38 | 2.36 | 2.37 | |
| 1320157_at | --- | --- | --- | Rn.209613 | AV551808 | 2.30 | 2.29 | 2.32 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | |
| 1320158_at | --- | --- | --- | Rn.16938 | BF005653 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | 2.36 | 2.38 | |
| 1320159_at | --- | --- | --- | Rn.67064 | NM_012701 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | |
| 1320160_at | --- | --- | --- | Rn.9901 | BE115432 | 2.53 | 2.58 | 2.58 | 2.58 | 2.58 | 2.59 | 2.58 | 2.58 | 2.59 | 2.58 | 2.58 | 2.59 | 2.58 | |
| 1320161_at | --- | --- | --- | Rn.20968 | BF387139 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | |
| 1320162_at | --- | --- | --- | Rn.40596 | BF390878 | 2.31 | 2.32 | 2.32 | 2.31 | 2.32 | 2.30 | 2.31 | 2.32 | 2.30 | 2.31 | 2.32 | 2.30 | 2.31 | |
| 1320163_at | ---</ | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|--------------|-------------|---|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEP1 (Ct) | SEPP (Ct) | SEPB (Ct) | SEPC (Ct) | | | | | | |
| 1380294_at | --- | --- | --- | Rn.52191 | BF399532 | 2.44 | 2.43 | 2.45 | 2.43 | 2.45 | 2.43 | 1.01 | down | 4.80E-01 | 9.95E-01 | --- | --- |
| 1381979_at | --- | --- | --- | Rn.133780 | AA641161 | 2.59 | 2.59 | 2.70 | 2.58 | 2.67 | 2.58 | 1.01 | down | 8.77E-01 | 9.95E-01 | --- | --- |
| 1382079_at | CtsW | cathepsin W | 293676 | Rn.344046 | BZ75370 | 2.48 | 2.48 | 2.47 | 2.48 | 2.47 | 2.48 | 1.01 | down | 2.75E-01 | 9.95E-01 | --- | --- |
| 1383090_at | --- | --- | --- | --- | AW534085 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.01 | down | 2.41E-01 | 9.95E-01 | --- | --- |
| 1376334_at | --- | --- | --- | --- | BZ75370 | 2.38 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 1.01 | down | 4.07E-01 | 9.95E-01 | --- | --- |
| 1381298_at | --- | --- | --- | --- | BF416081 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.33 | 1.01 | down | 3.64E-01 | 9.95E-01 | --- | --- |
| 1381729_at | --- | --- | --- | --- | BZ298790 | 2.49 | 2.46 | 2.35 | 2.47 | 2.53 | 2.44 | 1.01 | down | 6.10E-01 | 9.41E-01 | --- | --- |
| 1381729_at | --- | --- | --- | --- | BF395309 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 1.01 | down | 6.23E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Duhal1 | double homeobox B-like | 366226 | Rn.21629 | AQ307773 | 2.29 | 2.28 | 2.29 | 2.28 | 2.32 | 2.28 | 1.01 | up | 6.00E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Cor156 | protein-coupled receptor 155 | 311730 | Rn.151730 | BF395309 | 2.38 | 2.38 | 2.52 | 2.60 | 2.57 | 2.58 | 1.01 | up | 7.71E-01 | 9.95E-01 | --- | --- |
| 1382622_at | Dmtrb3 | DNA methyltransferase 3B | 444685 | Rn.117353 | BF52135 | 2.33 | 2.31 | 2.31 | 2.30 | 2.31 | 2.29 | 1.01 | down | 6.25E-01 | 9.95E-01 | --- | --- |
| 1377291_at | Trim66 | tripartite motif-containing 66 | 361623 | Rn.198155 | AW529040 | 2.30 | 2.29 | 2.32 | 2.30 | 2.31 | 2.28 | 1.01 | down | 4.63E-01 | 9.95E-01 | --- | --- |
| 1380315_at | --- | --- | --- | --- | BF395309 | 2.44 | 2.43 | 2.45 | 2.43 | 2.46 | 2.42 | 1.01 | down | 8.21E-01 | 9.95E-01 | --- | --- |
| 1378330_at | --- | --- | --- | --- | AW527482 | 2.52 | 2.48 | 2.54 | 2.52 | 2.52 | 2.49 | 1.01 | down | 6.82E-01 | 9.05E-01 | --- | --- |
| 1370262_at | Pfpm | protein tyrosine phosphatase, receptor type, N | 116660 | Rn.11037 | D45414 | 6.44 | 7.93 | 7.31 | 7.25 | 6.90 | 7.51 | 1.01 | down | 9.97E-01 | 9.95E-01 | --- | --- |
| 1370262_at | Gamb | gamma-8 | 117528 | Rn.133125 | AK4927 | 2.32 | 2.31 | 2.34 | 2.32 | 2.32 | 2.31 | 1.01 | down | 3.86E-01 | 9.95E-01 | --- | --- |
| 1379235_x_at | --- | --- | --- | --- | A179539 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.35 | 1.01 | down | 5.74E-01 | 9.95E-01 | --- | --- |
| 1380227_at | Ccdc45 | CDC45 cell division cycle 45-like (S. cerevisiae) | 287961 | Rn.122665 | BF396714 | 2.39 | 2.38 | 2.40 | 2.39 | 2.39 | 2.38 | 1.01 | down | 2.57E-01 | 9.95E-01 | --- | --- |
| 1377516_at | --- | --- | --- | --- | BF396441 | 2.39 | 2.37 | 2.40 | 2.38 | 2.39 | 2.36 | 1.01 | down | 5.14E-01 | 9.95E-01 | --- | --- |
| 1370255_at | Shpc | surfactant protein C | 50683 | Rn.3926 | A009659 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.01 | down | 3.96E-01 | 9.95E-01 | --- | --- |
| 1369090_at | Pnq2 | protein kinase, cAMP-dependent, type II | 25523 | Rn.87721 | NM_019012 | 2.42 | 2.40 | 2.44 | 2.42 | 2.43 | 2.39 | 1.01 | down | 5.97E-01 | 9.95E-01 | --- | --- |
| 1394128_at | --- | --- | --- | --- | AK59276 | 2.46 | 2.45 | 2.48 | 2.45 | 2.48 | 2.44 | 1.01 | down | 5.97E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Lnc49 | leucine rich repeat containing 49 | 300763 | Rn.20994 | AW523375 | 2.45 | 2.44 | 2.46 | 2.44 | 2.45 | 2.43 | 1.01 | down | 3.70E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Nlsm1 | NFAT activating protein with ITAM motif 1 | 362966 | Rn.20976 | BF395309 | 2.31 | 2.31 | 2.32 | 2.30 | 2.32 | 2.29 | 1.01 | down | 3.81E-01 | 9.95E-01 | --- | --- |
| 1374363_at | Alfm3 | apoptosis-inducing factor, mitochondrion-associated 3 | 303786 | Rn.138718 | AQ22993 | 2.33 | 2.32 | 2.35 | 2.32 | 2.33 | 2.32 | 1.01 | down | 3.34E-01 | 9.95E-01 | --- | --- |
| 1389840_at | Smz2 | serine/threonine repetitive matrix 2 | 302669 | Rn.162007 | AW52325 | 10.88 | 10.90 | 11.08 | 11.30 | 11.00 | 10.54 | 1.01 | down | 6.73E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Rpk2 | receptor-interacting serine/threonine kinase 2 | 362491 | Rn.102179 | BF412519 | 2.40 | 2.38 | 2.40 | 2.38 | 2.39 | 2.38 | 1.01 | down | 4.22E-01 | 9.95E-01 | --- | --- |
| 1369706_at | Caqn1 | calcium channel, voltage-dependent, gamma subunit 1 | 29658 | Rn.24079 | NM_019255 | 2.37 | 2.36 | 2.38 | 2.37 | 2.40 | 2.36 | 1.01 | up | 5.02E-01 | 9.95E-01 | --- | --- |
| 1369706_at | Ttr | tryptophan releasing hormone receptor | 25570 | Rn.9692 | AK5308 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.01 | down | 4.38E-01 | 9.95E-01 | --- | --- |
| 1376302_at | --- | --- | --- | --- | AA85175 | 2.35 | 2.35 | 2.37 | 2.36 | 2.35 | 2.33 | 1.01 | down | 5.07E-01 | 9.95E-01 | --- | --- |
| 1369633_at | Zfp259 | zinc finger protein 259 | 500989 | Rn.10201 | BF395309 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.32 | 1.01 | down | 4.40E-01 | 9.95E-01 | --- | --- |
| 1376198_at | --- | --- | --- | --- | BF410087 | 2.40 | 2.40 | 2.41 | 2.40 | 2.41 | 2.38 | 1.01 | down | 3.86E-01 | 9.95E-01 | --- | --- |
| 1392321_at | --- | --- | --- | --- | AA120841 | 2.44 | 2.42 | 2.46 | 2.44 | 2.45 | 2.40 | 1.01 | down | 6.62E-01 | 9.95E-01 | --- | --- |
| 1370890_at | --- | --- | --- | --- | BF395309 | 2.43 | 2.42 | 2.40 | 2.43 | 2.40 | 2.38 | 1.01 | down | 3.86E-01 | 9.95E-01 | --- | --- |
| 1379137_at | --- | --- | --- | --- | BF395309 | 2.38 | 2.39 | 2.39 | 2.38 | 2.40 | 2.36 | 1.01 | down | 5.18E-01 | 9.95E-01 | --- | --- |
| 1376286_at | RGD156603 | similar to hypothetical protein MGC24047 | 269602 | Rn.46026 | BF413225 | 2.40 | 2.39 | 2.42 | 2.40 | 2.41 | 2.38 | 1.01 | down | 5.58E-01 | 9.95E-01 | --- | --- |
| 1376286_at | RCO156338 | similar to leucine zipper protein 2 | 361583 | Rn.16353 | AG688744 | 2.37 | 2.37 | 2.38 | 2.37 | 2.37 | 2.36 | 1.01 | down | 4.83E-01 | 9.95E-01 | --- | --- |
| 1381972_at | Ctbn | catenin | 297498 | Rn.195259 | BG473626 | 7.19 | 7.55 | 7.55 | 7.31 | 7.44 | 7.56 | 1.01 | up | 9.56E-01 | 9.95E-01 | --- | --- |
| 1381972_at | --- | --- | --- | --- | BF395309 | 2.36 | 2.35 | 2.36 | 2.35 | 2.37 | 2.35 | 1.01 | down | 2.81E-01 | 9.95E-01 | --- | --- |
| 1390559_at | N4p1 | Nedd4 binding protein 1 | 291921 | Rn.137980 | BZ298790 | 2.48 | 2.48 | 2.55 | 2.49 | 2.53 | 2.48 | 1.01 | down | 7.00E-01 | 9.95E-01 | --- | --- |
| 1395421_at | Punc | putative neuronal cell adhesion molecule | 315759 | Rn.19374 | BF395309 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.33 | 1.01 | down | 2.99E-01 | 9.95E-01 | --- | --- |
| 1393532_at | Ubpq3 | ubiquitin 3 | 309905 | Rn.66549 | BF395309 | 2.52 | 2.48 | 2.56 | 2.52 | 2.56 | 2.54 | 1.01 | down | 4.83E-01 | 9.95E-01 | --- | --- |
| 1383233_at | Lnc3 | leucine rich repeat containing 3 | 303875 | Rn.138732 | BMS88665 | 2.22 | 2.24 | 2.23 | 2.22 | 2.22 | 2.22 | 1.01 | down | 1.32E-01 | 9.95E-01 | --- | --- |
| 1383233_at | Dsn1 | DSN1, MIND kinetochore complex component, homolog (S. cerevisiae) | 499933 | Rn.117365 | AW452324 | 2.41 | 2.41 | 2.43 | 2.41 | 2.43 | 2.39 | 1.01 | down | 5.97E-01 | 9.95E-01 | --- | --- |
| 1376286_at | RCO139079 | similar to Aoz-205 | 311730 | Rn.151730 | BF395309 | 2.42 | 2.42 | 2.44 | 2.41 | 2.43 | 2.38 | 1.01 | down | 6.09E-01 | 9.95E-01 | --- | --- |
| 1381338_at | --- | --- | --- | --- | BF395309 | 2.42 | 2.40 | 2.42 | 2.41 | 2.43 | 2.39 | 1.01 | down | 6.09E-01 | 9.95E-01 | --- | --- |
| 1381338_at | LOC50200 | similar to killer cell lectin-like receptor, subfamily A, member 17 | 690200 | Rn.211897 | BF395309 | 2.42 | 2.41 | 2.42 | 2.41 | 2.42 | 2.39 | 1.01 | down | 7.42E-01 | 9.95E-01 | --- | --- |
| 1398889_at | --- | --- | --- | --- | BF419391 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.29 | 1.01 | down | 4.09E-01 | 9.95E-01 | --- | --- |
| 1370771_at | Caqn2 | calcium channel, voltage-dependent, gamma subunit 2 | 140728 | Rn.81218 | AF301345 | 2.37 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.01 | down | 4.16E-01 | 9.95E-01 | --- | --- |
| 1376198_at | Tmem42 | transmembrane protein 42 | 365311 | Rn.161978 | BF395309 | 2.37 | 2.37 | 2.38 | 2.37 | 2.37 | 2.36 | 1.01 | down | 4.83E-01 | 9.95E-01 | --- | --- |
| 1376198_at | --- | --- | --- | --- | BF398841 | 2.35 | 2.35 | 2.36 | 2.35 | 2.35 | 2.35 | 1.01 | down | 3.62E-01 | 9.95E-01 | --- | --- |
| 1376198_at | Tmem3 | transmembrane and tetra-spanning protein containing 3 | 314805 | Rn.160750 | AF009750 | 3.20 | 3.00 | 3.02 | 3.00 | 3.03 | 3.01 | 1.01 | down | 6.19E-01 | 9.95E-01 | --- | --- |
| 1387622_at | Rtn3 | RTNG D-lysophosphatidyl 3-beta-D-riboflucosylaminotransferase | 60433 | Rn.168917 | NM_021949 | 2.38 | 2.37 | 2.38 | 2.38 | 2.38 | 2.35 | 1.01 | down | 4.23E-01 | 9.95E-01 | --- | --- |
| 1374764_at | --- | --- | --- | --- | BF402138 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.33 | 1.01 | down | 5.59E-01 | 9.95E-01 | --- | --- |
| 1379170_at | --- | --- | --- | --- | BF395309 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 1.01 | down | 5.93E-01 | 9.95E-01 | --- | --- |
| 1370053_at | Dlsp1 | Discs, large (Drosophila) homolog-associated protein 1 | 65040 | Rn.90059 | NM_022946 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.42 | 1.01 | down | 3.82E-01 | 9.95E-01 | --- | --- |
| 1383899_at | Tas2 | tachykinin 2 | 314599 | Rn.34659 | AM11225 | 3.14 | 2.75 | 3.81 | 3.45 | 2.83 | 3.99 | 1.01 | down | 9.83E-01 | 9.95E-01 | --- | --- |
| 1381729_at | Mas1 | MAS1 oncogene | 29191 | Rn.97708 | NM_019182 | 2.37 | 2.37 | 2.38 | 2.37 | 2.37 | 2.36 | 1.01 | down | 4.83E-01 | 9.95E-01 | --- | --- |
| 1370092_at | Tau1 | tau protein 1 | 25153 | Rn.21943 | NM_012757 | 2.38 | 2.36 | 2.39 | 2.37 | 2.38 | 2.35 | 1.01 | down | 5.38E-01 | 9.95E-01 | --- | --- |
| 1386032_at | --- | --- | --- | --- | BF395309 | 2.42 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 1.01 | down | 7.50E-01 | 9.95E-01 | --- | --- |
| 1370627_at | Rhov | ras homolog gene family, member V | 171581 | Rn.30047 | AF097887 | 2.42 | 2.41 | 2.43 | 2.41 | 2.42 | 2.40 | 1.01 | down | 4.16E-01 | 9.95E-01 | --- | --- |
| 1370627_at | Tax1l2 | taxile receptor, type 2, member 123 | 287003 | Rn.46792 | AF101673 | 2.49 | 2.48 | 2.53 | 2.48 | 2.52 | 2.47 | 1.01 | down | 7.29E-01 | 9.14E-01 | --- | --- |
| 1370627_at | Alpi | alkaline phosphatase, intestinal | 24197 | Rn.48774 | NM_022665 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.32 | 1.01 | down | 1.13E-01 | 9.95E-01 | --- | --- |
| 1392663_at | --- | --- | --- | --- | AK617953 | 2. | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test | Clst vs Clst (log2) | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|-----------------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-----------------|---------------------|-----|-----|
| | | | | | | SEPS (Clst) | SEPA (Clst) | SEPB (Clst) | SEPC (Clst) | SEPD (Clst) | SEPE (Clst) | | | | | | |
| 116950.0 | Pik3c2g | phosphoinositide-3-kinase, class 2, gamma polypeptide | Rn.14870 | NM_053923 | BC059233 | 2.36 | 2.35 | 2.39 | 2.36 | 2.38 | 2.34 | 1.00 | down | 6.52E-01 | 8.97E-01 | | |
| 139675.0 | --- | --- | Rn.60530 | BC040441 | 2.37 | 2.35 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.87E-01 | 8.95E-01 | | | |
| 138633.0 | RDG1560474 | similar to RIKEN cDNA 953003.223 | 362881 | Zn.432053 | AF039852 | 2.27 | 2.27 | 2.26 | 2.27 | 2.27 | 2.27 | 1.00 | down | 4.22E-01 | 8.95E-01 | | |
| 159419.0 | FluB | fl-Box and leucine-rich repeat protein | 498841 | Rn.144768 | BF558950 | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 3.83E-01 | 8.95E-01 | | |
| 192700.0 | Gmnn | Geminin | Rn.15438 | AA060064 | 2.33 | 2.31 | 2.33 | 2.31 | 2.32 | 2.31 | 1.00 | down | 7.33E-01 | 8.95E-01 | | | |
| 198719.0 | Slc22a3 | solute carrier family 22 (extraneuronal monoamine transporter), member 3 | 29504 | Rn.24231 | NM_019320 | 2.44 | 2.43 | 2.45 | 2.44 | 2.45 | 2.42 | 1.00 | down | 5.70E-01 | 8.95E-01 | | |
| 198511.0 | Itih3 | interferon-induced protein with tetratricopeptide repeats 3 | 495335 | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.70E-01 | 8.95E-01 | | |
| 137998.0 | Flh3 | flagellin | 309528 | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | |
| 137998.0 | Flh3 | flagellin | 495335 | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | |
| 139150.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 7.50E-01 | 8.95E-01 | | | |
| 139150.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 192731.0 | Trnf81b | tumor necrosis factor receptor superfamily, member 1b | 156787 | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 4.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 4.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 4.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 4.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.54E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.56609 | BF387154 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.42 | 1.00 | down | 4.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.40495 | AR002271 | 2.39 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 1.00 | down | 5.77E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.83833 | BM390522 | 2.52 | 2.50 | 2.51 | 2.50 | 2.50 | 2.51 | 1.00 | down | 3.49E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.34745 | AK521113 | 2.38 | 2.38 | 2.40 | 2.37 | 2.39 | 2.36 | 1.00 | down | 7.06E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.200463 | AK522434 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.22E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.208628 | AK530670 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 5.80E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.64554 | BF558950 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.78E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.15438 | AT061398 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 4.44E-01 | 8.95E-01 | | | |
| 139854.0 | --- | --- | Rn.35775 | AW51805 | 2.44 | 2.43 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 5.85E-01 | 8.95E-01 | | | |
| 139854.0 | --- | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs. Ctl (p-value) | Cis vs. Ctl (p-value) | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------------------------------|-----------------------|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | SEPA (Cn) | | | | | | |
| 1382974_at | --- | --- | Rn.204908 | AW921315 | --- | 2.35 | 2.34 | 2.35 | 2.35 | 2.33 | 2.33 | 2.33 | 1.00 | down | 4.33E-01 | 8.95E-01 | --- | --- | | | |
| 1382977_at | --- | --- | Rn.172826 | BF404693 | --- | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.01E-01 | 8.95E-01 | --- | --- | | | | |
| 1382980_at | Lpo | lactoperoxidase | Rn.06583 | B026231 | --- | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.35 | 1.00 | down | 6.12E-01 | 8.95E-01 | --- | --- | | | | |
| 1382981_at | Nzd1 | hazardin 1 (N-rhagine dibasic convertase) | 25499 | --- | --- | 2.45 | 2.45 | 2.42 | 2.45 | 2.42 | 2.41 | 1.00 | down | 9.80E-01 | 9.94E-01 | --- | --- | | | | |
| 1382982_at | --- | --- | Rn.181144 | A049862 | --- | 5.80 | 5.66 | 5.55 | 5.50 | 5.60 | 5.87 | 1.00 | down | 6.62E-01 | 9.95E-01 | --- | --- | | | | |
| 1382983_at | --- | --- | Rn.165242 | BE104324 | --- | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.36 | 1.00 | down | 5.51E-01 | 8.95E-01 | --- | --- | | | | |
| 1382984_at | --- | --- | Rn.151658 | BE104324 | --- | 2.45 | 2.45 | 2.44 | 2.44 | 2.44 | 2.41 | 1.00 | down | 5.74E-01 | 9.95E-01 | --- | --- | | | | |
| 1382985_at | Zncf1 | zinc finger CCHC domain containing 11 | 131481 | --- | --- | 2.45 | 2.45 | 2.44 | 2.44 | 2.44 | 2.41 | 1.00 | down | 5.74E-01 | 9.95E-01 | --- | --- | | | | |
| 1382986_at | Dpyd4 | dihydropyrimidinase-like 4 | 25417 | --- | --- | 2.38 | 2.36 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.12E-01 | 8.95E-01 | --- | --- | | | | |
| 1382987_at | --- | --- | Rn.130793 | AW6242 | --- | 2.45 | 2.45 | 2.44 | 2.44 | 2.44 | 2.42 | 1.00 | down | 7.05E-01 | 9.95E-01 | --- | --- | | | | |
| 1382988_at | --- | --- | Rn.85281 | BI28290 | --- | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.70E-01 | 8.95E-01 | --- | --- | | | | |
| 1382989_at | Gria4 | glutamate receptor, ionotropic, AMPA 4 | 29629 | --- | --- | 2.37 | 2.36 | 2.39 | 2.37 | 2.38 | 2.35 | 1.00 | down | 5.95E-01 | 8.95E-01 | --- | --- | | | | |
| 1382990_at | Fam54b | family with sequence similarity 54, member B | 115019 | --- | --- | 2.46 | 2.43 | 2.41 | 2.46 | 2.44 | 2.43 | 1.00 | up | 5.72E-01 | 9.95E-01 | --- | --- | | | | |
| 1382991_at | Adcyap11 | adenylyl cyclase activating polypeptide 1 (putative) receptor type 1 | 24167 | --- | --- | 2.39 | 2.37 | 2.38 | 2.39 | 2.37 | 2.36 | 1.00 | down | 4.84E-01 | 8.95E-01 | --- | --- | | | | |
| 1382992_at | LOC608588 | hypothetical protein LOC608588 / let oncogene family member 3 | 880576 | 880588 | AW51643 | 2.52 | 2.35 | 2.38 | 2.19 | 2.36 | 2.70 | 1.00 | up | 9.85E-01 | 9.91E-01 | --- | --- | | | | |
| 1382993_at | LOC89711 | similar to zinc-Src domain binding protein 1 | 691721 | --- | BE102716 | 2.44 | 2.44 | 2.46 | 2.45 | 2.45 | 2.41 | 1.00 | down | 6.85E-01 | 9.93E-01 | --- | --- | | | | |
| 1382994_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1382995_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1382996_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1382997_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1382998_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1382999_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383000_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383001_at | LOC81205 | hypothetical protein LOC81205 | 691205 | --- | AW524678 | 2.37 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.41E-01 | 8.95E-01 | --- | --- | | | | |
| 1383002_at | RT1-CE5 | RT1 class I, CE5 | 309607 | --- | AW524678 | 2.37 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.41E-01 | 8.95E-01 | --- | --- | | | | |
| 1383003_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383004_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383005_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383006_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383007_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383008_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383009_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383010_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383011_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383012_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383013_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383014_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383015_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383016_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383017_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383018_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383019_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383020_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383021_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383022_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383023_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383024_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383025_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383026_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383027_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383028_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383029_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383030_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383031_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383032_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383033_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383034_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383035_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383036_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383037_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383038_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383039_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383040_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383041_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383042_at | --- | --- | Rn.157435 | BI297507 | --- | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 1.96E-01 | 8.95E-01 | --- | --- | | | | |
| 1383043_at | --- | | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test (vs. Ctrl) (p-value) | REG | MTC |
|--------------|-------------|---|-----------|------------|-----------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|--------------------------------------|-----|-----|
| | | | | | | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | SEPS (Ctrl) | | | | | |
| 1376979_at | --- | --- | Rn_63316 | BF393569 | 2.35 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 2.30 | 1.00 | down | 4.58E-01 | 8.95E-01 | --- | --- | | | |
| 1379146_at | --- | --- | Rn_212025 | BF411772 | 2.38 | 2.38 | 2.40 | 2.38 | 2.38 | 2.37 | 2.37 | 1.00 | down | 4.43E-01 | 8.95E-01 | --- | --- | | | |
| 1380604_at | --- | --- | Rn_154329 | BF525073 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.30 | 1.00 | down | 5.35E-01 | 8.95E-01 | --- | --- | | | |
| 1384899_at | --- | --- | Rn_33002 | AA989621 | 2.48 | 2.47 | 2.50 | 2.49 | 2.51 | 2.47 | 2.40 | 1.00 | up | 6.73E-01 | 9.01E-01 | --- | --- | | | |
| 1393752_at | --- | --- | Rn_33002 | AA989621 | 2.48 | 2.47 | 2.50 | 2.49 | 2.51 | 2.47 | 2.40 | 1.00 | up | 7.85E-01 | 9.01E-01 | --- | --- | | | |
| 1396511_at | --- | --- | Rn_156388 | BF394115 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.70E-01 | 8.95E-01 | --- | --- | | | | |
| 1387767_at | Nox2 | nitric oxide synthase 2, inducible | 24599 | Rn_10400 | L12562 | 2.41 | 2.42 | 2.42 | 2.40 | 2.42 | 2.39 | 1.00 | down | 3.35E-01 | 8.95E-01 | --- | --- | | | |
| 1384249_at | Pdh2c | pyruvate dehydrogenase (lipoylase) alpha 2 | 117098 | Rn_11126 | NM_05394 | 2.38 | 2.37 | 2.33 | 2.38 | 2.39 | 2.36 | 1.00 | down | 5.64E-01 | 8.95E-01 | --- | --- | | | |
| 1386741_at | Od3 | outer dense fiber of sperm tail 3 | Rn_138749 | BF12967 | 2.34 | 2.32 | 2.34 | 2.32 | 2.34 | 2.33 | 1.00 | up | 6.86E-01 | 8.95E-01 | --- | --- | | | | |
| 1396844_at | PlxnC1 | plexin C1 | Rn_7829 | Rn_7829 | AF53544 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.00 | down | 4.04E-01 | 8.95E-01 | --- | --- | | | |
| 1396959_at | Kor2b | potassium voltage gated channel, Shab-related subfamily, member 2 | 117105 | Rn_32101 | NM_054000 | 2.38 | 2.35 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.67E-01 | 8.95E-01 | --- | --- | | | |
| 1388003_s_at | Epr1 | erythropoietin receptor | Rn_22394 | DS550 | 2.32 | 2.31 | 2.32 | 2.31 | 2.31 | 2.31 | 1.00 | down | 2.44E-01 | 8.95E-01 | --- | --- | | | | |
| 1390118_at | --- | --- | Rn_178365 | BI28067 | 2.32 | 2.30 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 3.80E-01 | 8.95E-01 | --- | --- | | | | |
| 1392430_at | --- | --- | Rn_131483 | AW52598 | 2.42 | 2.41 | 2.43 | 2.42 | 2.44 | 2.42 | 1.00 | up | 4.50E-01 | 8.95E-01 | --- | --- | | | | |
| 1396176_at | Plna3 | plexin A3 | Rn_21701 | AW11987 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.28 | 1.00 | down | 5.33E-01 | 8.95E-01 | --- | --- | | | | |
| 1385913_at | Anxa2 | Annexin A2 | 56611 | Rn_90546 | A114527 | 2.44 | 2.44 | 2.46 | 2.43 | 2.46 | 2.43 | 1.00 | down | 6.73E-01 | 9.01E-01 | --- | --- | | | |
| 1385193_at | --- | --- | --- | BF395008 | 2.36 | 2.36 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.97E-01 | 8.95E-01 | --- | --- | | | | |
| 1395774_at | Gpr153 | G protein-coupled receptor 153 | 619550 | Rn_198306 | BF56665 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 5.27E-01 | 8.95E-01 | --- | --- | | | |
| 1380155_at | --- | --- | --- | BF56665 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 6.35E-01 | 8.97E-01 | --- | --- | | | | |
| 1397198_at | --- | --- | --- | BE11113 | 2.38 | 2.38 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 5.78E-01 | 8.95E-01 | --- | --- | | | | |
| 1378633_at | Lpxn | leupaxin | 293783 | Rn_29200 | BF10297 | 2.37 | 2.37 | 2.39 | 2.38 | 2.40 | 2.38 | 1.00 | up | 5.46E-01 | 8.95E-01 | --- | --- | | | |
| 1379599_at | --- | --- | --- | BF415479 | 2.34 | 2.34 | 2.36 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.32E-01 | 8.95E-01 | --- | --- | | | | |
| 1391137_at | RGD1359334 | similar to hypothetical protein FL20519 | 292526 | Rn_56974 | BM38874 | 2.31 | 2.30 | 2.33 | 2.30 | 2.31 | 2.30 | 1.00 | down | 5.27E-01 | 8.95E-01 | --- | --- | | | |
| 1377447_at | --- | --- | --- | BF412649 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.50 | 2.48 | 1.00 | down | 4.48E-01 | 8.95E-01 | --- | --- | | | |
| 1379820_at | --- | --- | --- | BF416300 | 2.53 | 2.51 | 2.56 | 2.52 | 2.54 | 2.51 | 1.00 | down | 7.27E-01 | 9.13E-01 | --- | --- | | | | |
| 1388186_at | LOC289911 | calcium tyrosinase | 286911 | Rn_9817 | AI549879 | 2.38 | 2.37 | 2.39 | 2.37 | 2.39 | 2.36 | 1.00 | down | 5.65E-01 | 8.95E-01 | --- | --- | | | |
| 1383804_at | Fc11 | fibronectin type I domain containing protein, palmitylated 4 (MAGUK p55 subfamily member 4) | 248188 | Rn_15904 | BM38541 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.72E-01 | 8.95E-01 | --- | --- | | | |
| 1380920_at | Mep4 | membrane protein, palmitylated 4 (MAGUK p55 subfamily member 4) | 58808 | Rn_163075 | NM_021265 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.37 | 1.00 | down | 5.89E-01 | 8.95E-01 | --- | --- | | | |
| 1372034_at | Suf3l3 | suppressor of ty 5 homolog 3 (C. cerevisiae) | 308472 | Rn_100201 | BC338506 | 5.90 | 6.89 | 6.83 | 6.38 | 5.80 | 6.23 | 1.00 | down | 9.88E-01 | 9.96E-01 | --- | --- | | | |
| 1386920_at | RGD1360233 | similar to hypothetical protein MGC29761 | 294968 | Rn_84716 | AA95929 | 2.41 | 2.39 | 2.42 | 2.43 | 2.43 | 2.38 | 1.00 | down | 7.22E-01 | 9.01E-01 | --- | --- | | | |
| 1384013_at | --- | --- | --- | BF524215 | 2.41 | 2.41 | 2.43 | 2.41 | 2.42 | 2.40 | 2.40 | 1.00 | down | 5.28E-01 | 8.95E-01 | --- | --- | | | |
| 1388920_at | Opp1 | olichonin P450, family 1, subfamily B, polypeptide 1 | 24236 | Rn_10225 | AF53544 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 4.25E-01 | 8.95E-01 | --- | --- | | | |
| 1396726_at | RGD1308226 | Similar to BE3004409Rf1 protein | 361087 | Rn_21577 | BF402923 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.25E-01 | 8.95E-01 | --- | --- | | | |
| 1397318_at | --- | --- | --- | Rn_204228 | A070053 | 2.44 | 2.42 | 2.44 | 2.43 | 2.43 | 2.42 | 1.00 | down | 4.32E-01 | 8.95E-01 | --- | --- | | | |
| 1380489_at | Nmb | neuromedin B | 49194 | AI103812 | 2.51 | 2.50 | 2.52 | 2.51 | 2.51 | 2.49 | 2.49 | 1.00 | down | 5.42E-01 | 8.95E-01 | --- | --- | | | |
| 1386822_at | Ece1 | endothelin converting enzyme-like 1 | 60417 | Rn_45803 | AB23886 | 2.31 | 2.30 | 2.31 | 2.30 | 2.30 | 2.29 | 1.00 | down | 3.35E-01 | 8.95E-01 | --- | --- | | | |
| 1385524_at | --- | --- | --- | Rn_146850 | BE104028 | 2.39 | 2.39 | 2.40 | 2.38 | 2.40 | 2.38 | 1.00 | down | 6.35E-01 | 8.95E-01 | --- | --- | | | |
| 1378244_at | --- | --- | --- | Rn_202125 | A072663 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 2.34 | 1.00 | down | 6.00E-01 | 8.95E-01 | --- | --- | | | |
| 1387792_at | Pap | pancreatic secretory protein | 50585 | Rn_9796 | NM_025908 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.09E-01 | 8.95E-01 | --- | --- | | | |
| 1392132_at | Pap2 | pancreatic secretory protein (DNA directed) polypeptide 1, 14.5kDa | 29278 | Rn_62227 | BE59699 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 5.89E-01 | 8.95E-01 | --- | --- | | | |
| 1377330_at | --- | --- | --- | Rn_154338 | BF411114 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 1.00 | down | 3.89E-01 | 8.95E-01 | --- | --- | | | |
| 1388447_at | Ph-4 | hyposia-inducible factor homolog 4 tyrosinase | 301008 | Rn_103691 | AA65470 | 2.29 | 2.29 | 2.31 | 2.29 | 2.30 | 2.28 | 1.00 | down | 4.35E-01 | 8.95E-01 | --- | --- | | | |
| 1383807_at | Sch22372 | sch22372 | 295105 | Rn_22212 | A040012 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 2.60 | 1.00 | down | 4.18E-01 | 8.95E-01 | --- | --- | | | |
| 1386552_s_at | Od2 | odd Od2/en-homolog 2 (Drosophila) | 117424 | Rn_205610 | BF402505 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 4.29E-01 | 8.95E-01 | --- | --- | | | |
| 1378170_at | Nm1 | neuromedin 1 | 49194 | Rn_18763 | BE59699 | 2.35 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.74E-01 | 8.95E-01 | --- | --- | | | |
| 1374088_at | Myrn | myopalladin | 309780 | Rn_3872 | AB020489 | 2.42 | 2.42 | 2.44 | 2.42 | 2.43 | 2.41 | 1.00 | down | 4.57E-01 | 8.95E-01 | --- | --- | | | |
| 1370048_at | Lpar1 | lysophosphatidic acid receptor 1 | 116744 | Rn_11200 | NM_035938 | 2.49 | 2.46 | 2.55 | 2.47 | 2.45 | 2.45 | 1.00 | down | 8.78E-01 | 9.62E-01 | --- | --- | | | |
| 1394740_at | --- | --- | --- | Rn_60524 | BE104028 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 4.35E-01 | 8.95E-01 | --- | --- | | | |
| 1371163_at | Sln3 | schlafen 3 | 114247 | Rn_80081 | Y1327 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 2.25 | 1.00 | down | 4.35E-01 | 8.95E-01 | --- | --- | | | |
| 1378433_at | --- | --- | --- | Rn_154613 | AI01075 | 2.36 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | down | 4.27E-01 | 8.95E-01 | --- | --- | | | |
| 1378375_at | Ccar1 | Cc1 division cycle and apoptosis regulator 1 | 381849 | Rn_92786 | AI051755 | 2.61 | 2.58 | 2.67 | 2.60 | 2.68 | 2.60 | 1.00 | down | 8.66E-01 | 9.58E-01 | --- | --- | | | |
| 1389612_at | --- | --- | --- | Rn_154613 | AI01075 | 2.36 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | down | 7.23E-01 | 9.12E-01 | --- | --- | | | |
| 1382123_at | --- | --- | --- | Rn_176585 | BE104028 | 2.35 | 2.35 | 2.36 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.83E-01 | 8.95E-01 | --- | --- | | | |
| 1391018_at | Myo5c | myosin VC | 315820 | Rn_2304 | BF420807 | 2.39 | 2.37 | 2.41 | 2.38 | 2.39 | 2.37 | 1.00 | down | 5.61E-01 | 8.95E-01 | --- | --- | | | |
| 1387555_at | --- | --- | --- | Rn_102184 | NM_021454 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.20E-01 | 8.95E-01 | --- | --- | | | |
| 1370556_at | Vamp1 | vesicle-associated membrane protein 1 | 25624 | Rn_31977 | NM4104 | 2.39 | 2.38 | 2.41 | 2.39 | 2.39 | 2.38 | 1.00 | down | 4.19E-01 | 8.95E-01 | --- | --- | | | |
| 1384800_at | --- | --- | --- | Rn_177124 | BI27860 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.19E-01 | 8.95E-01 | --- | --- | | | |
| 1383725_at | Ube2f | ubiquitin-conjugating enzyme E2f | 291785 | Rn_35226 | AF10312 | 2.30 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 4.54E-01 | 8.95E-01 | --- | --- | | | |
| 1388574_at | Rpl30 | Ribosomal protein L30 | 64460 | Rn_161950 | AI233363 | 2.48 | 2.48 | 2.50 | 2.48 | 2.49 | 2.49 | 1.00 | down | 6.27E-01 | 8.95E-01 | --- | --- | | | |
| 1370084_at | Cob1 | carboxypeptidase B1 (Isuase) | 24271 | Rn_12780 | NM_012533 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.12E-01 | 8.95E-01 | --- | --- | | | |
| 1394740_at | Znak4 | zinc finger, matrix type 4 | 644981 | Rn_61298 | BF409129 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.12E-01 | 8.95E-01 | --- | --- | | | |
| 1392169_at | --- | --- | --- | Rn_207762 | BI294191 | 2.41 | 2.39 | 2.42 | 2.40 | 2.42 | 2.39 | 1.00 | down | 6.26E-01 | 8.96E-01 | --- | --- | | | |
| 1397202_at | --- | --- | --- | Rn_92023 | BF28320 | 2.42 | 2.42 | 2.44 | 2.41 | 2.44 | 2.41 | 1.00 | down | 6.26E-01 | 8.96E-01 | --- | --- | | | |
| 1386922_at | Hbe2 | hemoglobin, epsilon 2 | 502359 | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Pub Med ID | GCRA Intensity (log) | | | | | FC/Abouse | Residual | Unpaired t-test C ₁ vs C ₂ (log ₂) | REG | MTC | |
|------------|-------------|---|---------|------------|------------|----------------------|-----------|------|------|-----------|-----------|----------|--|----------|----------|-----------|
| | | | | | | SEPS (C1) | SEPA (C1) | SEP2 | SEPP | SEPS (C2) | | | | | | SEPA (C2) |
| 138620 | Hhex | hematopoietically expressed homeobox | 79237 | Rn.127180 | NM_024385 | 2.40 | 2.39 | 2.43 | 2.38 | 1.00 | down | 2.59E-01 | 9.14E-01 | - | - | |
| 138621 | Dppa1 | dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophospho- | 300668 | Rn.129001 | BF404483 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.42 | 1.00 | down | 5.28E-01 | 8.95E-01 | - |
| 138622 | Stc2b | Stc2b | 11932 | Rn.121517 | AB461283 | 2.33 | 2.33 | 2.32 | 2.32 | 2.32 | 2.33 | 1.00 | down | 4.52E-01 | 8.95E-01 | - |
| 138623 | Stc2a | Stc2a | 11931 | Rn.147435 | BE120029 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.00 | down | 4.36E-01 | 8.95E-01 | - |
| 138624 | Stc2c | Stc2c | 11930 | Rn.158469 | BE117875 | 2.31 | 2.31 | 2.30 | 2.31 | 2.31 | 2.30 | 1.00 | down | 4.07E-01 | 8.95E-01 | - |
| 138625 | Adra1a | adrenergic, alpha-1A, receptor | 29412 | Rn.9991 | U07126 | 2.41 | 2.41 | 2.41 | 2.42 | 2.43 | 2.40 | 1.00 | up | 5.95E-01 | 8.95E-01 | - |
| 138626 | Dpp | derlin sialophosphoprotein | 22524 | Rn.21392 | U03111 | 2.43 | 2.41 | 2.41 | 2.42 | 2.43 | 2.39 | 1.00 | down | 7.26E-01 | 8.95E-01 | - |
| 138627 | QSOX2 | QSOX2 (Drosophila) | 17242 | Rn.200510 | BF040564 | 2.45 | 2.44 | 2.44 | 2.46 | 2.46 | 2.44 | 1.00 | down | 6.46E-01 | 8.95E-01 | - |
| 138628 | Dat | dystonia | 316313 | Rn.79807 | BM38632 | 2.29 | 2.28 | 2.30 | 2.28 | 2.29 | 2.27 | 1.00 | down | 3.77E-01 | 8.95E-01 | - |
| 138629 | Notch2 | Notch homolog 2 (Drosophila) | 29492 | Rn.65930 | NM_024658 | 2.32 | 2.31 | 2.33 | 2.32 | 2.33 | 2.32 | 1.00 | down | 4.08E-01 | 8.95E-01 | - |
| 138630 | Notch3 | Notch homolog 3 (Drosophila) | 29493 | Rn.202659 | BF303778 | 2.51 | 2.49 | 2.51 | 2.50 | 2.79 | 2.24 | 1.00 | up | 5.70E-01 | 9.14E-01 | - |
| 138631 | Cxck | CXCK finger 4 | 83824 | Rn.209562 | NM_053342 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.33 | 1.00 | down | 5.23E-01 | 8.95E-01 | - |
| 138632 | Trc4 | similar to fatty acid desaturase 2; linoleoyl-CoA desaturase (delta-6-desaturase) | 255714 | Rn.47550 | AW524512 | 2.46 | 2.45 | 2.47 | 2.45 | 2.47 | 2.44 | 1.00 | down | 6.38E-01 | 8.95E-01 | - |
| 138633 | Trc5 | Truncobrevin repeat containing 2 | 499669 | Rn.228263 | AA648433 | 2.35 | 2.34 | 2.36 | 2.35 | 2.34 | 2.35 | 1.00 | down | 3.78E-01 | 8.95E-01 | - |
| 138634 | Trc6 | Truncobrevin repeat containing 3 | 499670 | Rn.209562 | AA407797 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.10E-01 | 8.95E-01 | - |
| 138635 | Trc7 | Truncobrevin repeat containing 4 | 499671 | Rn.209562 | AA025662 | 2.42 | 2.40 | 2.43 | 2.41 | 2.42 | 2.39 | 1.00 | down | 6.75E-01 | 9.01E-01 | - |
| 138636 | Trc8 | Truncobrevin repeat containing 5 | 499672 | Rn.144276 | BF403180 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.07E-01 | 8.95E-01 | - |
| 138637 | Trc9 | Truncobrevin repeat containing 6 | 499673 | Rn.144276 | NM_021862 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.04E-01 | 8.95E-01 | - |
| 138638 | Trc10 | Truncobrevin repeat containing 7 | 499674 | Rn.144276 | AI553553 | 3.24 | 3.23 | 3.25 | 3.23 | 3.25 | 3.22 | 1.00 | down | 5.74E-01 | 8.95E-01 | - |
| 138639 | Trc11 | Truncobrevin repeat containing 8 | 499675 | Rn.10102 | NM_022859 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.36E-01 | 8.95E-01 | - |
| 138640 | Trc12 | Truncobrevin repeat containing 9 | 499676 | Rn.45903 | AB223956 | 2.38 | 2.38 | 2.39 | 2.37 | 2.39 | 2.37 | 1.00 | down | 4.98E-01 | 8.95E-01 | - |
| 138641 | Trc13 | Truncobrevin repeat containing 10 | 499677 | Rn.147365 | BF148643 | 2.24 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.00 | down | 3.24E-01 | 8.95E-01 | - |
| 138642 | Trc14 | Truncobrevin repeat containing 11 | 499678 | Rn.34568 | NM_139183 | 2.34 | 2.33 | 2.37 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.84E-01 | 8.95E-01 | - |
| 138643 | Trc15 | Truncobrevin repeat containing 12 | 499679 | Rn.209562 | K02911 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.65E-01 | 8.95E-01 | - |
| 138644 | Trc16 | Truncobrevin repeat containing 13 | 499680 | Rn.204071 | BI296841 | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 2.35 | 1.00 | down | 4.73E-01 | 8.95E-01 | - |
| 138645 | Trc17 | Truncobrevin repeat containing 14 | 499681 | Rn.16083 | BF407548 | 2.41 | 2.39 | 2.42 | 2.40 | 2.41 | 2.39 | 1.00 | down | 6.15E-01 | 8.95E-01 | - |
| 138646 | Trc18 | Truncobrevin repeat containing 15 | 499682 | Rn.116771 | BF408281 | 2.41 | 2.39 | 2.41 | 2.40 | 2.43 | 2.40 | 1.00 | up | 6.35E-01 | 8.95E-01 | - |
| 138647 | Trc19 | Truncobrevin repeat containing 16 | 499683 | Rn.77403 | AD023337 | 2.45 | 2.39 | 2.45 | 2.41 | 2.49 | 2.40 | 1.00 | up | 6.87E-01 | 9.58E-01 | - |
| 138648 | Trc20 | Truncobrevin repeat containing 17 | 499684 | Rn.107838 | BE097073 | 3.51 | 2.46 | 2.50 | 3.01 | 3.04 | 2.45 | 1.00 | down | 9.88E-01 | 9.95E-01 | - |
| 138649 | Trc21 | Truncobrevin repeat containing 18 | 499685 | Rn.144276 | BF403180 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.07E-01 | 8.95E-01 | - |
| 138650 | Trc22 | Truncobrevin repeat containing 19 | 499686 | Rn.144276 | NM_021862 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.04E-01 | 8.95E-01 | - |
| 138651 | Trc23 | Truncobrevin repeat containing 20 | 499687 | Rn.144276 | AI553553 | 3.24 | 3.23 | 3.25 | 3.23 | 3.25 | 3.22 | 1.00 | down | 5.74E-01 | 8.95E-01 | - |
| 138652 | Trc24 | Truncobrevin repeat containing 21 | 499688 | Rn.10102 | NM_022859 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.36E-01 | 8.95E-01 | - |
| 138653 | Trc25 | Truncobrevin repeat containing 22 | 499689 | Rn.45903 | AB223956 | 2.38 | 2.38 | 2.39 | 2.37 | 2.39 | 2.37 | 1.00 | down | 4.98E-01 | 8.95E-01 | - |
| 138654 | Trc26 | Truncobrevin repeat containing 23 | 499690 | Rn.147365 | BF148643 | 2.24 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.00 | down | 3.24E-01 | 8.95E-01 | - |
| 138655 | Trc27 | Truncobrevin repeat containing 24 | 499691 | Rn.34568 | NM_139183 | 2.34 | 2.33 | 2.37 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.84E-01 | 8.95E-01 | - |
| 138656 | Trc28 | Truncobrevin repeat containing 25 | 499692 | Rn.209562 | K02911 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.65E-01 | 8.95E-01 | - |
| 138657 | Trc29 | Truncobrevin repeat containing 26 | 499693 | Rn.204071 | BI296841 | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 2.35 | 1.00 | down | 4.73E-01 | 8.95E-01 | - |
| 138658 | Trc30 | Truncobrevin repeat containing 27 | 499694 | Rn.16083 | BF407548 | 2.41 | 2.39 | 2.42 | 2.40 | 2.41 | 2.39 | 1.00 | down | 6.15E-01 | 8.95E-01 | - |
| 138659 | Trc31 | Truncobrevin repeat containing 28 | 499695 | Rn.116771 | BF408281 | 2.41 | 2.39 | 2.41 | 2.40 | 2.43 | 2.40 | 1.00 | up | 6.35E-01 | 8.95E-01 | - |
| 138660 | Trc32 | Truncobrevin repeat containing 29 | 499696 | Rn.77403 | AD023337 | 2.45 | 2.39 | 2.45 | 2.41 | 2.49 | 2.40 | 1.00 | up | 6.87E-01 | 9.58E-01 | - |
| 138661 | Trc33 | Truncobrevin repeat containing 30 | 499697 | Rn.107838 | BE097073 | 3.51 | 2.46 | 2.50 | 3.01 | 3.04 | 2.45 | 1.00 | down | 9.88E-01 | 9.95E-01 | - |
| 138662 | Trc34 | Truncobrevin repeat containing 31 | 499698 | Rn.144276 | BF403180 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.07E-01 | 8.95E-01 | - |
| 138663 | Trc35 | Truncobrevin repeat containing 32 | 499699 | Rn.144276 | NM_021862 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.04E-01 | 8.95E-01 | - |
| 138664 | Trc36 | Truncobrevin repeat containing 33 | 499700 | Rn.144276 | AI553553 | 3.24 | 3.23 | 3.25 | 3.23 | 3.25 | 3.22 | 1.00 | down | 5.74E-01 | 8.95E-01 | - |
| 138665 | Trc37 | Truncobrevin repeat containing 34 | 499701 | Rn.10102 | NM_022859 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.36E-01 | 8.95E-01 | - |
| 138666 | Trc38 | Truncobrevin repeat containing 35 | 499702 | Rn.45903 | AB223956 | 2.38 | 2.38 | 2.39 | 2.37 | 2.39 | 2.37 | 1.00 | down | 4.98E-01 | 8.95E-01 | - |
| 138667 | Trc39 | Truncobrevin repeat containing 36 | 499703 | Rn.147365 | BF148643 | 2.24 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.00 | down | 3.24E-01 | 8.95E-01 | - |
| 138668 | Trc40 | Truncobrevin repeat containing 37 | 499704 | Rn.34568 | NM_139183 | 2.34 | 2.33 | 2.37 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.84E-01 | 8.95E-01 | - |
| 138669 | Trc41 | Truncobrevin repeat containing 38 | 499705 | Rn.209562 | K02911 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.65E-01 | 8.95E-01 | - |
| 138670 | Trc42 | Truncobrevin repeat containing 39 | 499706 | Rn.204071 | BI296841 | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 2.35 | 1.00 | down | 4.73E-01 | 8.95E-01 | - |
| 138671 | Trc43 | Truncobrevin repeat containing 40 | 499707 | Rn.16083 | BF407548 | 2.41 | 2.39 | 2.42 | 2.40 | 2.41 | 2.39 | 1.00 | down | 6.15E-01 | 8.95E-01 | - |
| 138672 | Trc44 | Truncobrevin repeat containing 41 | 499708 | Rn.116771 | BF408281 | 2.41 | 2.39 | 2.41 | 2.40 | 2.43 | 2.40 | 1.00 | up | 6.35E-01 | 8.95E-01 | - |
| 138673 | Trc45 | Truncobrevin repeat containing 42 | 499709 | Rn.77403 | AD023337 | 2.45 | 2.39 | 2.45 | 2.41 | 2.49 | 2.40 | 1.00 | up | 6.87E-01 | 9.58E-01 | - |
| 138674 | Trc46 | Truncobrevin repeat containing 43 | 499710 | Rn.107838 | BE097073 | 3.51 | 2.46 | 2.50 | 3.01 | 3.04 | 2.45 | 1.00 | down | 9.88E-01 | 9.95E-01 | - |
| 138675 | Trc47 | Truncobrevin repeat containing 44 | 499711 | Rn.144276 | BF403180 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.07E-01 | 8.95E-01 | - |
| 138676 | Trc48 | Truncobrevin repeat containing 45 | 499712 | Rn.144276 | NM_021862 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.04E-01 | 8.95E-01 | - |
| 138677 | Trc49 | Truncobrevin repeat containing 46 | 499713 | Rn.144276 | AI553553 | 3.24 | 3.23 | 3.25 | 3.23 | 3.25 | 3.22 | 1.00 | down | 5.74E-01 | 8.95E-01 | - |
| 138678 | Trc50 | Truncobrevin repeat containing 47 | 499714 | Rn.10102 | NM_022859 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.36E-01 | 8.95E-01 | - |
| 138679 | Trc51 | Truncobrevin repeat containing 48 | 499715 | Rn.45903 | AB223956 | 2.38 | 2.38 | 2.39 | 2.37 | 2.39 | 2.37 | 1.00 | down | 4.98E-01 | 8.95E-01 | - |
| 138680 | Trc52 | Truncobrevin repeat containing 49 | 499716 | Rn.147365 | BF148643 | 2.24 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.00 | down | 3.24E-01 | 8.95E-01 | - |
| 138681 | Trc53 | Truncobrevin repeat containing 50 | 499717 | Rn.34568 | NM_139183 | 2.34 | 2.33 | 2.37 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.84E-01 | 8.95E-01 | - |
| 138682 | Trc54 | Truncobrevin repeat containing 51 | 499718 | Rn.209562 | K02911 | 2. | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test (Sig vs Ctrl) (log10) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-----------------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|---------------------------------------|----------|-----|
| | | | | | | SEPS (Ctrl) | SEPA (Ctrl) | SEPB (Ctrl) | SEPC (Ctrl) | SEPD (Ctrl) | SEPE (Ctrl) | | | | | |
| 1383413 | Hha1 | hedgehog acyltransferase-like | 301073 | Rn.22829 | AW511481 | 2.45 | 2.43 | 2.46 | 2.44 | 2.46 | 2.43 | 1.00 | down | 6.46E-01 | 8.95E-01 | - |
| 1378241_at | LOC591729 | similar to spermatogenesis associated 5 like 1 | 691729 | Rn.151983 | AJ101125 | 2.49 | 2.45 | 2.51 | 2.47 | 2.52 | 2.47 | 1.00 | up | 8.06E-01 | 9.38E-01 | - |
| 1388853_at | Vsn1l | vism-like 1 | 24877 | Rn.109594 | AF276181 | 2.47 | 2.47 | 2.44 | 2.45 | 2.46 | 2.45 | 1.00 | up | 7.40E-01 | 9.10E-01 | - |
| 1382021_at | Wdr49 | WD49 domain 40B | 1382021 | Rn.242070 | AJ227991 | 2.41 | 2.40 | 2.43 | 2.40 | 2.42 | 2.40 | 1.00 | down | 6.50E-01 | 8.95E-01 | - |
| 1387888_at | Hsd3b6 | hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase (| 29632 | Rn.109394 | AF226255 | 2.35 | 2.34 | 2.36 | 2.35 | 2.34 | 2.35 | 1.00 | down | 5.22E-01 | 8.95E-01 | - |
| 1391788_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.76E-01 | 8.95E-01 | - |
| 1395951_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.50E-01 | 8.95E-01 | - |
| 1396911_at | Apoa5 | apolipoprotein A-V | 140638 | Rn.48763 | AF202888 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 2.43E-01 | 8.95E-01 | - |
| 1373626_at | Annexin A8 | annexin A8 | 305263 | Rn.104268 | AF208094 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 3.38E-01 | 8.95E-01 | - |
| 1397374_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.77E-01 | 8.95E-01 | - |
| 1397894_at | Cxlf | chemokine-like factor | 245978 | Rn.81197 | AF253065 | 2.48 | 2.45 | 2.46 | 2.46 | 2.49 | 2.45 | 1.00 | up | 6.75E-01 | 8.98E-01 | - |
| 1374330_at | Hsl | Heat shock group, metallo-endopeptidase | 297025 | Rn.163642 | AJ179459 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 1.00 | down | 3.82E-01 | 8.95E-01 | - |
| 1393876_at | Hoxc5 | homeobox C5 | 315341 | Rn.152771 | AA569024 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 4.11E-01 | 8.95E-01 | - |
| 1395963_at | Mpr14 | Mitochondrial ribosomal protein L14 | 301250 | Rn.35669 | AA513000 | 2.30 | 2.29 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 5.67E-01 | 8.95E-01 | - |
| 1391916_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.74E-01 | 8.95E-01 | - |
| 1388179_at | Acv2b | activin A receptor, type IIB | 25386 | Rn.24240 | AF548799 | 2.41 | 2.23 | 2.38 | 2.46 | 2.47 | 2.59 | 1.00 | up | 9.64E-01 | 9.90E-01 | - |
| 1384105_at | Znf830 | Zinc finger protein 830 | 407867 | Rn.137507 | BF109571 | 2.41 | 2.41 | 2.39 | 2.42 | 2.44 | 2.40 | 1.00 | down | 7.05E-01 | 9.08E-01 | - |
| 1396252_at | Chnks1 | phorbol receptor, nicotinic, alpha 4 | 25590 | Rn.8987 | L13620 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.41E-01 | 8.95E-01 | - |
| 1397475_at | Papoly | poly(A) polymerase gamma | 305586 | Rn.27992 | AW530171 | 2.36 | 2.37 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | down | 1.74E-01 | 8.95E-01 | - |
| 1378955_at | Lut1 | Lut1 homology (nucleon) | 292031 | Rn.162409 | BF339842 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.31 | 1.00 | down | 4.05E-01 | 8.95E-01 | - |
| 1394655_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.51E-01 | 8.95E-01 | - |
| 1397309_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | up | 4.82E-01 | 8.95E-01 | - |
| 1396999_at | Dcam | Down syndrome cell adhesion molecule | 171119 | Rn.24389 | NM_133587 | 2.37 | 2.35 | 2.39 | 2.36 | 2.37 | 2.35 | 1.00 | down | 7.58E-01 | 9.07E-01 | - |
| 1371285_at | Hoxa4 | homeobox C4 | 24459 | Rn.12051 | M37567 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.46E-01 | 8.95E-01 | - |
| 1395915_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.12E-01 | 8.95E-01 | - |
| 1395241_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.33E-01 | 8.95E-01 | - |
| 1396912_at | Tth | thryptophan releasing hormone | 25569 | Rn.22 | M12138 | 2.35 | 2.34 | 2.37 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.73E-01 | 8.95E-01 | - |
| 1391916_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | up | 8.68E-01 | 9.98E-01 | - |
| 1379645_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.78E-01 | 8.95E-01 | - |
| 1393386_at | Fam183b | family with sequence similarity 183, member B | 297248 | Rn.206007 | AF392115 | 2.34 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.76E-01 | 8.95E-01 | - |
| 1396643_at | Chnks2 | phorbol receptor, nicotinic, alpha 1 (muscle) | 407867 | Rn.44853 | BF284800 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.38 | 1.00 | down | 5.76E-01 | 8.95E-01 | - |
| 1387191_at | Ptan | prothombin | 54193 | Rn.10862 | NM_024463 | 2.32 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.41E-01 | 8.95E-01 | - |
| 1386154_at | Scn1a | voltage-gated, type I, alpha sodium channel, voltage-gated, type I, alpha | 1021574 | Rn.10946 | NM_019125 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.17E-01 | 8.95E-01 | - |
| 1370777_at | Ear1f | earpophil-associated, rfnomaseA family, member 11 | 192294 | Rn.10626 | DB5858 | 2.44 | 2.43 | 2.46 | 2.43 | 2.45 | 2.43 | 1.00 | down | 5.60E-01 | 8.95E-01 | - |
| 1371771_at | Actl1 | actin filament associated protein 1 | 140935 | Rn.208751 | BF413483 | 2.31 | 2.29 | 2.31 | 2.30 | 2.30 | 2.29 | 1.00 | down | 3.86E-01 | 8.95E-01 | - |
| 1378699_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.82E-01 | 8.95E-01 | - |
| 1399180_at | Bc2l1 | Bc2-like 1 | 24888 | Rn.10323 | NM_031535 | 2.37 | 2.37 | 2.37 | 2.41 | 2.37 | 2.34 | 1.00 | down | 8.03E-01 | 9.37E-01 | - |
| 1382015_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 9.48E-01 | 9.48E-01 | - |
| 1382078_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.83E-01 | 8.95E-01 | - |
| 1387088_at | Gal | galactin prepropeptide | 29141 | Rn.8929 | NM_033237 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 5.53E-01 | 8.95E-01 | - |
| 1396492_at | Tes | testis derived transcript | 500040 | Rn.44847 | AJ177869 | 2.30 | 2.24 | 2.34 | 2.35 | 2.34 | 2.34 | 1.00 | up | 6.91E-01 | 9.05E-01 | - |
| 1388409_at | Gal | galactin prepropeptide | 29141 | Rn.8929 | NM_033237 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 5.53E-01 | 8.95E-01 | - |
| 1378187_at | Dnag | DnaJ (Hsp40) homeo, subfamily C, member 7 | 303336 | Rn.92155 | BF420102 | 2.43 | 2.41 | 2.44 | 2.42 | 2.43 | 2.40 | 1.00 | down | 8.41E-01 | 8.95E-01 | - |
| 1392015_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.48E-01 | 8.95E-01 | - |
| 1370046_at | Pnycg | polymerase (DNA directed), gamma | 85472 | Rn.19327 | AA435444 | 2.36 | 2.35 | 2.34 | 2.35 | 2.36 | 2.34 | 1.00 | down | 5.48E-01 | 8.95E-01 | - |
| 1392899_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.91E-01 | 8.95E-01 | - |
| 1398670_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.66E-01 | 8.95E-01 | - |
| 1398219_at | Adprn1 | ADP-ribosyltransferase like 1 | 290880 | Rn.14754 | AJ105057 | 2.30 | 2.29 | 2.32 | 2.30 | 2.30 | 2.29 | 1.00 | down | 4.81E-01 | 8.95E-01 | - |
| 1394992_at | Scd4 | sterol carrier family 4 (oxysterol-binding protein), member 4 | 305309 | Rn.43407 | BF285642 | 2.33 | 2.32 | 2.35 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.82E-01 | 8.95E-01 | - |
| 1398549_at | Scd3 | sterol carrier family 3 (oxysterol-binding protein), member 3 | 305309 | Rn.48803 | BI201076 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 4.37E-01 | 8.95E-01 | - |
| 1398730_at | Scd4a | sterol carrier family 4 (oxysterol-binding protein), member 4 | 305309 | Rn.79828 | BF285642 | 2.36 | 2.35 | 2.37 | 2.36 | 2.36 | 2.35 | 1.00 | down | 4.86E-01 | 8.95E-01 | - |
| 1387380_at | Scd3a2 | sterol carrier family 3 (oxysterol-binding protein), member 3 | 305309 | Rn.10346 | NM_013782 | 2.33 | 2.32 | 2.35 | 2.33 | 2.34 | 2.33 | 1.00 | down | 5.60E-01 | 8.95E-01 | - |
| 1372241_at | Scd3a3 | sterol carrier family 3, member 3 | 305309 | Rn.17305 | AJ232131 | 2.36 | 2.35 | 2.35 | 2.36 | 2.36 | 2.35 | 1.00 | up | 9.88E-01 | 9.96E-01 | - |
| 1398112_at | Sag | serpin; retina and pineal gland (arrestin) | 25539 | Rn.89566 | NM_033087 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 1.00 | down | 5.82E-01 | 8.95E-01 | - |
| 1390991_at | Hob1 | hemoglobin, theta 1 | 303007 | Rn.10367 | BE138068 | 2.26 | 2.25 | 2.28 | 2.26 | 2.26 | 2.25 | 1.00 | down | 4.47E-01 | 8.95E-01 | - |
| 1392624_at | Bnip | BCL2Ladenin-1/5 ERK1B interacting protein like | 361894 | Rn.82427 | BF417701 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.56E-01 | 8.95E-01 | - |
| 1391301_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.10E-01 | 8.95E-01 | - |
| 1382007_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.64E-01 | 8.95E-01 | - |
| 1397175_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.48E-01 | 8.95E-01 | - |
| 1388203_at | Mpb | myelin-associated oligodendrocyte basic protein | 25037 | Rn.91165 | KX0402 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.17E-01 | 8.95E-01 | - |
| 1387663_at | Pgr | progesterone receptor | 21514 | Rn.10303 | NM_022847 | 2.38 | 2.36 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 5.57E-01 | 8.95E-01 | - |
| 1394145_at | Rgs14 | regulator of G-protein signaling 14 | 114705 | Rn.89785 | NM_033784 | 2.39 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.00 | down | 5.82E-01 | 8.95E-01 | - |
| 1375184_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 3.66E-01 | 8.95E-01 | - |
| 1390106_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 4.95E-01 | 8.95E-01 | - |
| 1394532_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.07E-01 | 8.95E-01 | - |
| 1397855_at | Ugr2b5 | UDP-glucuronosyltransferase 2 family, polypeptide B5 | 266685 | --- | M11709 | 2.51 | 2.48 | 2.52 | 2.50 | 2.54 | 2.45 | 1.00 | down | 8.47E-01 | 9.52E-01 | - |
| 1398329_at | Fph | phorbol receptor, nicotinic, alpha 1 (muscle) | 407867 | Rn.11088 | NM_033087 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 1.00 | down | 5.82E-01 | 8.95E-01 | - |
| 1394699_at | Lox1d | lipoxygenase 1D | 659581 | Rn.24848 | BF28074 | 2.48 | 2.46 | 2.50 | 2.48 | 2.49 | 2.48 | 1.00 | up | 6.91E-01 | 9.05E-01 | - |
| 1384339_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.86E-01 | 8.95E-01 | - |
| | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRMA Intensities (log2) | | | | | | | | | | FC/Abundance | Residual | Unpaired t-test Ciba vs Chl (p-values) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|--------------------------|-----------|------|------|------|-----------|-----------|--------------|----------|--|--------------|----------|--|-----|-----|
| | | | | | | SEPS (Cn) | SEPA (Cn) | SEP1 | SEY | SEY2 | SEPA (Ca) | SEPS (Ca) | FC/Abundance | Residual | Unpaired t-test Ciba vs Chl (p-values) | | | | | |
| 1395443_at | --- | --- | --- | Rn.210215 | BF396088 | 2.46 | 2.45 | 2.47 | 2.45 | 2.47 | 2.45 | 1.00 | down | 4.68E-01 | 9.95E-01 | --- | --- | | | |
| 1376331_at | Trn | tetrahonin 3' (zinc transporter), member 2 | 306493 | Rn.37175 | AA685084 | 2.33 | 2.33 | 2.34 | 2.33 | 2.33 | 2.31 | 1.00 | down | 4.68E-01 | 9.95E-01 | --- | --- | | | |
| 1376332_at | SC3b2 | soluble carrier family 3 (zinc transporter), member 2 | 306494 | Rn.37176 | AA685085 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 2.29 | 1.00 | down | 4.68E-01 | 9.95E-01 | --- | --- | | | |
| 1370228_at | Ace | angiotensin I converting enzyme (pepsin-like dipeptidase A1) | 24310 | Rn.101149 | AF201331 | 2.34 | 2.33 | 2.35 | 2.34 | 2.34 | 2.33 | 1.00 | down | 4.26E-01 | 9.95E-01 | --- | --- | | | |
| 1392751_at | Fln3c3c1 | fibronectin type III domain containing SC1 | 317224 | Rn.101150 | AF201332 | 2.37 | 2.36 | 2.37 | 2.37 | 2.37 | 2.36 | 1.00 | down | 6.29E-01 | 9.95E-01 | --- | --- | | | |
| 1396667_at | --- | --- | --- | Rn.51598 | BE110325 | 2.42 | 2.41 | 2.43 | 2.41 | 2.44 | 2.40 | 1.00 | down | 6.68E-01 | 9.95E-01 | --- | --- | | | |
| 1392425_at | --- | --- | --- | Rn.139010 | H17334 | 2.39 | 2.39 | 2.41 | 2.39 | 2.40 | 2.38 | 1.00 | down | 5.60E-01 | 9.95E-01 | --- | --- | | | |
| 1376517_at | --- | --- | --- | Rn.196537 | AT17640 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 5.60E-01 | 9.95E-01 | --- | --- | | | |
| 1390804_at | --- | --- | --- | Rn.140405 | FN391611 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 4.79E-01 | 9.95E-01 | --- | --- | | | |
| 1390716_at | SVs5 | seminal vesicle secretory protein 5 | 171027 | Rn.140405 | NM_191180 | 2.44 | 2.44 | 2.45 | 2.44 | 2.45 | 2.44 | 1.00 | down | 7.26E-01 | 9.95E-01 | --- | --- | | | |
| 1391981_at | Des | Desmin | 64362 | Rn.140405 | AI639181 | 2.52 | 2.52 | 2.61 | 2.55 | 2.55 | 2.53 | 1.00 | down | 8.75E-01 | 9.95E-01 | --- | --- | | | |
| 1379195_at | Igk3 | Immunoglobulin kappa constant | 148592 | Rn.391998 | AI574951 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 3.69E-01 | 9.95E-01 | --- | --- | | | |
| 1374245_at | --- | --- | --- | Rn.144568 | BF402292 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.01E-01 | 9.95E-01 | --- | --- | | | |
| 1394892_at | Igf3 | Igf-like family member 3 | 361516 | Rn.17980 | AI179741 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 3.60E-01 | 9.95E-01 | --- | --- | | | |
| 1390397_at | ROD1310753 | similar to chromosome 20 open reading frame 39 | 362235 | Rn.162708 | BF413152 | 2.28 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 2.92E-01 | 9.95E-01 | --- | --- | | | |
| 1389999_at | --- | --- | --- | Rn.201463 | BE11985 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.58E-01 | 9.95E-01 | --- | --- | | | |
| 1378566_at | --- | --- | --- | Rn.171004 | BE106684 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.16E-01 | 9.95E-01 | --- | --- | | | |
| 1390776_at | --- | --- | --- | Rn.203598 | AA697384 | 2.30 | 2.30 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 4.52E-01 | 9.95E-01 | --- | --- | | | |
| 1390726_at | --- | --- | --- | Rn.200337 | BF403842 | 2.43 | 2.42 | 2.43 | 2.41 | 2.43 | 2.42 | 1.00 | down | 5.08E-01 | 9.95E-01 | --- | --- | | | |
| 1392345_at | --- | --- | --- | Rn.216929 | BF387482 | 2.31 | 2.30 | 2.31 | 2.30 | 2.30 | 2.29 | 1.00 | down | 3.37E-01 | 9.95E-01 | --- | --- | | | |
| 1370105_at | Fg18 | fibroblast growth factor 18 | 20959 | Rn.44478 | NM_029199 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 5.17E-01 | 9.95E-01 | --- | --- | | | |
| 1370342_at | Kork2 | potassium channel, subfamily K, member 2 | 170899 | Rn.21984 | BF385402 | 2.41 | 2.39 | 2.42 | 2.40 | 2.41 | 2.39 | 1.00 | down | 5.34E-01 | 9.95E-01 | --- | --- | | | |
| 1369735_at | Ga8e | glow arrestin specific 6 | 58925 | Rn.52228 | NM_057100 | 2.40 | 2.39 | 2.40 | 2.40 | 2.40 | 2.38 | 1.00 | down | 5.20E-01 | 9.95E-01 | --- | --- | | | |
| 1368486_at | --- | --- | --- | Rn.87191 | NM_032074 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 5.28E-01 | 9.95E-01 | --- | --- | | | |
| 1395930_at | Or1493 | olfactory receptor gene Or1493 | 365840 | Rn.66260 | BI299765 | 2.29 | 2.27 | 2.29 | 2.28 | 2.28 | 2.27 | 1.00 | down | 3.73E-01 | 9.95E-01 | --- | --- | | | |
| 1388392_at | --- | --- | --- | Rn.111516 | MA6287 | 2.27 | 2.26 | 2.28 | 2.26 | 2.28 | 2.26 | 1.00 | down | 4.88E-01 | 9.95E-01 | --- | --- | | | |
| 1394858_at | --- | --- | --- | Rn.168883 | AI145089 | 2.30 | 2.29 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 5.06E-01 | 9.95E-01 | --- | --- | | | |
| 1396816_at | --- | --- | --- | Rn.169773 | BE107655 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 4.67E-01 | 9.95E-01 | --- | --- | | | |
| 1371110_at | LOC287004 | Mgi protein | 287004 | Rn.69598 | AY035343 | 2.55 | 2.52 | 2.54 | 2.53 | 2.54 | 2.52 | 1.00 | down | 6.33E-01 | 9.95E-01 | --- | --- | | | |
| 1390995_at | LOC320495 | hypothetical LOC320495 | 302495 | Rn.149069 | BF411156 | 2.45 | 2.45 | 2.46 | 2.44 | 2.45 | 2.44 | 1.00 | down | 2.10E-01 | 9.95E-01 | --- | --- | | | |
| 1394858_at | --- | --- | --- | Rn.204488 | AA697047 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 2.37 | 1.00 | down | 6.33E-01 | 9.95E-01 | --- | --- | | | |
| 1394858_at | --- | --- | --- | Rn.207198 | BE110851 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.37 | 1.00 | down | 4.45E-01 | 9.95E-01 | --- | --- | | | |
| 1374776_at | Vash2 | vashonin 2 | 489309 | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.97E-01 | 9.95E-01 | --- | --- | | | |
| 1386643_at | --- | --- | --- | Rn.13814 | BI304300 | 2.35 | 2.34 | 2.37 | 2.35 | 2. | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs CH1 (p-value) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-------------------------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|----------------------------------|-----|-----|
| | | | | | | SEPS (C1) | SEPA (C1) | SEP (C1) | SEPP (C1) | SEPS (C2) | SEPA (C2) | SEP (C2) | SEPP (C2) | SEPS (C3) | SEPA (C3) | | | | | |
| 136892_2 | Ila | interleukin 1 alpha | 24493 | Rn.12300 | NM_017019 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 4.39E-01 | 8.95E-01 | - | - | |
| 137185_2 | --- | --- | --- | Rn.25296 | BF289201 | 2.40 | 2.38 | 2.41 | 2.39 | 2.40 | 2.38 | 2.40 | 2.38 | 1.00 | down | 5.27E-01 | 8.95E-01 | - | - | |
| 137693_2 | --- | --- | --- | Rn.15344 | BF45043 | 2.41 | 2.41 | 2.40 | 2.40 | 2.40 | 2.41 | 2.40 | 2.41 | 1.00 | down | 4.42E-01 | 8.95E-01 | - | - | |
| 139674_2 | --- | --- | --- | Rn.207810 | BF525517 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.38 | 2.37 | 2.38 | 1.00 | down | 2.48E-01 | 8.95E-01 | - | - | |
| 139719_2 | EP2c2 | prostaglandin E receptor 2, subtype EP2 | 81752 | Rn.103750 | U48672 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 2.28 | 1.00 | down | 4.23E-01 | 8.95E-01 | - | - | |
| 139765_2 | --- | --- | --- | --- | BF399516 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 2.30 | 2.30 | 1.00 | down | 4.58E-01 | 8.95E-01 | - | - | |
| 139765_2 | Caly | calyculon neuron-specific vesicular protein | 192349 | Rn.27756 | BC381734 | 2.39 | 2.37 | 2.39 | 2.37 | 2.40 | 2.36 | 2.39 | 2.36 | 1.00 | down | 7.22E-01 | 9.11E-01 | - | - | |
| 139765_2 | Wnt10a | Wntless-type-10 frizzled-like protein, member 10A | 316527 | Rn.181555 | AQ26144 | 2.38 | 2.38 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 2.37 | 1.00 | down | 5.39E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.57130 | BI27693 | 2.38 | 2.37 | 2.39 | 2.37 | 2.41 | 2.36 | 2.38 | 2.36 | 1.00 | up | 7.55E-01 | 9.20E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.20719 | BF13807 | 2.38 | 2.38 | 2.38 | 2.38 | 2.37 | 2.38 | 2.38 | 2.37 | 1.00 | up | 5.68E-01 | 9.02E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.137513 | AB832019 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 4.78E-01 | 8.95E-01 | - | - | |
| 139849_2 | Tipv5 | transient receptor potential cation channel, subfamily V, member 5 | 116469 | Rn.11479 | AA963930 | 2.45 | 2.42 | 2.46 | 2.44 | 2.46 | 2.45 | 2.46 | 2.45 | 1.00 | up | 6.81E-01 | 9.03E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.207726 | BC376156 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.36 | 2.39 | 2.36 | 1.00 | down | 6.37E-01 | 8.95E-01 | - | - | |
| 139849_2 | Lamp1 | lysosomal-associated membrane protein 1 | 29328 | Rn.401993 | BE159553 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 3.95E-01 | 8.95E-01 | - | - | |
| 139849_2 | Clae1 | cathepsin E | 25424 | Rn.92738 | NM_012938 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 5.38E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.131384 | BE116124 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 2.33 | 2.33 | 1.00 | down | 5.13E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.161690 | BF401620 | 2.42 | 2.42 | 2.42 | 2.42 | 2.41 | 2.42 | 2.41 | 2.42 | 1.00 | down | 9.35E-01 | 9.93E-01 | - | - | |
| 139849_2 | Zfzm2 | zinc finger protein, multiple 2 | 314930 | Rn.133463 | A1175842 | 3.98 | 2.51 | 2.58 | 2.53 | 4.06 | 2.47 | 2.10 | 2.47 | 1.00 | down | 9.98E-01 | 9.98E-01 | - | - | |
| 139849_2 | Kcnip4 | Kv channel interacting protein 4 | 255243 | Rn.20596 | AF345444 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 5.33E-01 | 8.95E-01 | - | - | |
| 139849_2 | Kcnj2 | potassium voltage-gated channel, Shaw-related subfamily, member 2 | 246183 | Rn.9733 | BF400847 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 4.94E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.11479 | AA963930 | 2.45 | 2.42 | 2.46 | 2.44 | 2.46 | 2.45 | 2.46 | 2.45 | 1.00 | up | 6.81E-01 | 9.03E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.73012 | BF402625 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 2.34 | 2.34 | 1.00 | down | 4.93E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.15476 | BF404081 | 2.57 | 2.55 | 2.58 | 2.56 | 2.60 | 2.52 | 2.58 | 2.56 | 1.00 | down | 4.83E-01 | 8.95E-01 | - | - | |
| 139849_2 | Zfzf76 | zinc finger protein 76 (expressed in testis) | 361809 | Rn.13446 | BF546753 | 2.29 | 2.28 | 2.29 | 2.29 | 2.29 | 2.27 | 2.29 | 2.27 | 1.00 | down | 8.45E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.45299 | AQ26552 | 2.50 | 2.49 | 2.53 | 2.49 | 2.52 | 2.49 | 2.52 | 2.49 | 1.00 | up | 8.31E-01 | 9.47E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.206264 | AV528654 | 2.44 | 2.42 | 2.45 | 2.44 | 2.44 | 2.41 | 2.44 | 2.41 | 1.00 | down | 7.37E-01 | 9.16E-01 | - | - | |
| 139849_2 | Foxr1 | forkhead box E1 (thyroid transcription factor 2) | 192274 | Rn.20546 | Y11321 | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 2.33 | 2.31 | 2.33 | 1.00 | down | 4.64E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | BF393553 | 2.39 | 2.38 | 2.41 | 2.39 | 2.41 | 2.37 | 2.40 | 2.37 | 1.00 | down | 7.12E-01 | 9.10E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.146904 | BF402445 | 2.27 | 2.26 | 2.28 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 1.00 | down | 4.46E-01 | 8.95E-01 | - | - | |
| 139849_2 | Pdm3 | PDZ and LIM domain 3 | 114108 | Rn.13381 | AQ25291 | 2.41 | 2.40 | 2.43 | 2.41 | 2.42 | 2.40 | 2.41 | 2.40 | 1.00 | down | 6.66E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.206378 | BE58956 | 2.35 | 2.34 | 2.35 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 2.84E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.10549 | UB3792 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 2.30 | 2.30 | 1.00 | down | 3.26E-01 | 8.95E-01 | - | - | |
| 139849_2 | Opsw18 | opsin 1 (cone pigments), short-wave-sensitive | 81644 | Rn.146133 | AQ55263 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.30 | 2.32 | 2.30 | 1.00 | down | 4.46E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.146133 | AF19655 | 2.39 | 2.37 | 2.39 | 2.38 | 2.40 | 2.36 | 2.39 | 2.36 | 1.00 | down | 7.20E-01 | 9.11E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | BE116555 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | down | 6.78E-01 | 9.04E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.10430 | NM_017057 | 2.47 | 2.45 | 2.47 | 2.46 | 2.49 | 2.44 | 2.48 | 2.44 | 1.00 | down | 7.34E-01 | 9.15E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.7742 | AG44498 | 2.42 | 2.40 | 2.41 | 2.41 | 2.42 | 2.39 | 2.41 | 2.39 | 1.00 | down | 5.67E-01 | 8.95E-01 | - | - | |
| 139849_2 | Nov2 | Neuro-oncological ventral antigen 2 | 292691 | Rn.16943 | AQ58978 | 2.32 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 1.00 | down | 5.41E-01 | 8.95E-01 | - | - | |
| 139849_2 | RD1563109 | RD1563109 | 495956 | Rn.203239 | AA801132 | 2.44 | 2.42 | 2.46 | 2.43 | 2.48 | 2.41 | 2.47 | 2.41 | 1.00 | down | 7.95E-01 | 9.34E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.1036814 | BF412064 | 2.42 | 2.41 | 2.43 | 2.42 | 2.43 | 2.41 | 2.43 | 2.41 | 1.00 | down | 4.77E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.6589 | NM_012823 | 2.35 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 2.36 | 2.34 | 1.00 | down | 5.79E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.32615 | BF396371 | 2.41 | 2.39 | 2.42 | 2.41 | 2.44 | 2.39 | 2.42 | 2.39 | 1.00 | up | 7.56E-01 | 9.21E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.143365 | BI278775 | 2.44 | 2.43 | 2.46 | 2.44 | 2.46 | 2.43 | 2.46 | 2.43 | 1.00 | down | 6.45E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.87688 | NM_057206 | 2.38 | 2.38 | 2.41 | 2.38 | 2.40 | 2.37 | 2.40 | 2.37 | 1.00 | down | 6.69E-01 | 9.00E-01 | - | - | |
| 139849_2 | Chn1 | Chitase domain containing 1 | 293626 | Rn.162055 | NA142625 | 2.40 | 2.38 | 2.48 | 2.39 | 2.50 | 2.35 | 2.40 | 2.35 | 1.00 | down | 8.24E-01 | 9.78E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.62695 | BF400772 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 4.41E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.13893 | NM_203532 | 2.58 | 2.57 | 2.60 | 2.58 | 2.59 | 2.57 | 2.57 | 2.57 | 1.00 | down | 5.92E-01 | 8.95E-01 | - | - | |
| 139849_2 | Cuod1 | CUB and zona pellucida-like domains 1 | 111719 | Rn.103686 | NM_054095 | 2.37 | 2.36 | 2.39 | 2.36 | 2.39 | 2.36 | 2.39 | 2.36 | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.80385 | BI282349 | 2.32 | 2.31 | 2.33 | 2.31 | 2.33 | 2.30 | 2.30 | 2.30 | 1.00 | down | 5.47E-01 | 8.95E-01 | - | - | |
| 139849_2 | Dhc3 | Dishevelled-3 (Armadillo-3) | 310461 | Rn.2744 | BF404389 | 2.49 | 2.48 | 2.53 | 2.49 | 2.54 | 2.48 | 2.51 | 2.48 | 1.00 | up | 8.32E-01 | 9.47E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.206300 | BF404389 | 2.50 | 2.48 | 2.49 | 2.49 | 2.49 | 2.48 | 2.49 | 2.48 | 1.00 | down | 5.45E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | BF390557 | 2.37 | 2.36 | 2.38 | 2.36 | 2.38 | 2.35 | 2.38 | 2.35 | 1.00 | down | 6.33E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | AV527214 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.46 | 2.47 | 2.46 | 1.00 | up | 6.52E-01 | 9.52E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | BF389150 | 2.96 | 2.83 | 3.02 | 2.99 | 3.14 | 2.70 | 2.70 | 2.70 | 1.00 | up | 9.70E-01 | 9.91E-01 | - | - | |
| 139849_2 | Camk1g | calcium/calmodulin-dependent protein kinase I gamma | 117358 | Rn.91453 | BC381456 | 2.31 | 2.30 | 2.32 | 2.30 | 2.32 | 2.29 | 2.32 | 2.29 | 1.00 | down | 6.59E-01 | 8.95E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.141031 | BF410031 | 2.31 | 2.31 | 2.34 | 2.31 | 2.34 | 2.31 | 2.34 | 2.31 | 1.00 | down | 7.65E-01 | 9.11E-01 | - | - | |
| 139849_2 | --- | --- | --- | --- | BI278468 | 2.42 | 2.40 | 2.44 | 2.41 | 2.44 | 2.39 | 2.40 | 2.39 | 1.00 | down | 7.85E-01 | 9.30E-01 | - | - | |
| 139849_2 | --- | --- | --- | Rn.154788 | BI285222 | 2.47 | 2.46 | 2.55 | 2.59 | 2.62 | 2.45 | 2.50 | 2.45 | 1.00 | down | 9.31E-01 | 9.81E-01 | -</ | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log2) | | | | | | FC/Abouse | Residual | Unpaired t-test (Cis vs. Ctrl) (p-value) | REG | MTC | | |
|-------------|-------------|---|---------|------------|-----------|-----------------------|-----------|----------|----------|-----------|-----------|-----------|----------|--|----------|----------|----------|--|
| | | | | | | SEFP (Cn) | SEFP (CA) | SEFP (S) | SEFP (C) | SEFP (CA) | SEFP (CA) | | | | | | | |
| 1385999_at | Trm16 | triptartite motif-containing 16 | 303214 | Rn.171348 | BE113381 | 2.37 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 2.95E-01 | 9.95E-01 | | | |
| 1374626_at | ANKK37 | ankyrin repeat domain 37 | 291149 | Rn.161286 | B228905 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.33 | 1.00 | down | 5.70E-01 | 9.95E-01 | | | |
| 1376955_at | NudA37 | NADH dehydrogenase (ubiquinone) alpha subcomplex, 12 | 399739 | Rn.211120 | B229143D | 4.58 | 4.58 | 4.57 | 4.57 | 4.57 | 4.61 | 1.00 | up | 6.97E-01 | 9.07E-01 | | | |
| 1381180_at | Ccr2 | chemokine (C-C motif) receptor 2 | 60463 | Rn.201783 | BE121863 | 2.41 | 2.40 | 2.42 | 2.40 | 2.42 | 2.39 | 1.00 | down | 6.41E-01 | 9.95E-01 | | | |
| 1382079_at | Akap7 | A kinase (PKA) anchor protein 7 | 361458 | Rn.204773 | AW526264 | 2.54 | 2.53 | 2.53 | 2.54 | 2.55 | 2.52 | 1.00 | up | 5.36E-01 | 9.95E-01 | | | |
| 1383835_at | Bdnf | brain derived neurotrophic factor | 24225 | Rn.112696 | K07108 | 2.37 | 2.36 | 2.38 | 2.37 | 2.37 | 2.35 | 1.00 | down | 5.60E-01 | 9.95E-01 | | | |
| 1386777_at | Cyp22c2 | cytochrome P450, family 2, subfamily c, polypeptide 12 | 25011 | Rn.162266 | NM_190772 | 2.34 | 2.33 | 2.36 | 2.34 | 2.34 | 2.33 | 1.00 | down | 5.72E-01 | 9.95E-01 | | | |
| 1386544_at | Uce2l1 | ubiquitin-conjugating enzyme E2D 1, UBC45 homolog (yeast) | 361831 | Rn.24937 | AW143348 | 2.40 | 2.39 | 2.40 | 2.39 | 2.43 | 2.38 | 1.00 | down | 6.91E-01 | 9.95E-01 | | | |
| 1394623_at | --- | --- | --- | --- | AA851041 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.53E-01 | 9.95E-01 | | | |
| 1397726_at | --- | --- | --- | --- | AW139955 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.07E-01 | 9.95E-01 | | | |
| 1399610_at | --- | --- | --- | --- | BF400689 | 2.36 | 2.35 | 2.38 | 2.36 | 2.38 | 2.34 | 1.00 | down | 4.75E-01 | 9.95E-01 | | | |
| 1397230_at | LOC684158 | similar to chromosome 1 open reading frame 36 | 684158 | Rn.45710 | BE095692 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 4.47E-01 | 9.95E-01 | | | |
| 1397442_at | Foxd1 | forkhead box D1 | 171299 | Rn.50722 | BE105884 | 2.41 | 2.40 | 2.42 | 2.42 | 2.41 | 2.39 | 1.00 | down | 5.50E-01 | 9.95E-01 | | | |
| 1397442_at | Snagp | SLIT1-ROBO1 Rho GTPase activating protein 2 | 360840 | Rn.220450 | BE099274 | 2.37 | 2.36 | 2.37 | 2.36 | 2.38 | 2.35 | 1.00 | down | 5.89E-01 | 9.95E-01 | | | |
| 1398395_at | Abp1 | actin filament associated protein 1 | 140935 | Rn.200751 | NM_089020 | 2.28 | 2.28 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 3.05E-01 | 9.95E-01 | | | |
| 1398158_at | Rem1 | RAS (RAD and GEM)-like GTP-binding 1 | 366232 | Rn.88325 | BE099900 | 2.40 | 2.37 | 2.40 | 2.38 | 2.39 | 2.38 | 1.00 | down | 6.30E-01 | 9.95E-01 | | | |
| 1398034_at | --- | --- | --- | --- | Rn.170459 | BF229057 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.00 | down | 2.83E-01 | 9.95E-01 | | |
| 1383883_at | --- | --- | --- | --- | Rn.200944 | AW144730 | 2.37 | 2.36 | 2.38 | 2.36 | 2.38 | 2.35 | 1.00 | down | 6.50E-01 | 9.95E-01 | | |
| 1386210_at | --- | --- | --- | --- | Rn.45710 | NM_133311 | 2.25 | 2.25 | 2.26 | 2.25 | 2.25 | 2.24 | 1.00 | down | 4.47E-01 | 9.95E-01 | | |
| 1386496_at | Igcam | immunoglobulin alpha M | 25021 | Rn.54862 | AF276893 | 2.40 | 2.39 | 2.42 | 2.39 | 2.41 | 2.39 | 1.00 | down | 6.23E-01 | 9.95E-01 | | | |
| 1397023_at | --- | --- | --- | --- | Rn.211482 | BF144016 | 2.27 | 2.21 | 2.25 | 2.30 | 2.28 | 2.27 | 1.00 | up | 7.88E-01 | 9.31E-01 | | |
| 1372320_at | Slc23 | Solute carrier family 2 (facilitated glucose transporter), member 3 | 95551 | Rn.95555 | AA001341 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 1.00 | down | 5.24E-01 | 9.95E-01 | | | |
| 1392512_at | Hist3h2a | histone cluster 3, H2ba | 303175 | Rn.39174 | AW533007 | 2.39 | 2.38 | 2.41 | 2.39 | 2.40 | 2.37 | 1.00 | down | 6.73E-01 | 9.01E-01 | | | |
| 1383823_at | --- | --- | --- | --- | Rn.204069 | AA045143 | 2.38 | 2.35 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | up | 4.46E-01 | 9.95E-01 | | |
| 1389914_at | Hm2 | histamine receptor H 2 | 138113 | Rn.138113 | NM_012985 | 2.28 | 2.28 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 4.69E-01 | 9.95E-01 | | | |
| 1381734_at | --- | --- | --- | --- | Rn.148188 | AA562687 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.55E-01 | 9.95E-01 | | |
| 1381890_at | --- | --- | --- | --- | Rn.393097 | BF390087 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.36 | 1.00 | down | 6.40E-01 | 9.95E-01 | | |
| 1380007_at | --- | --- | --- | --- | Rn.108765 | BE108765 | 2.43 | 2.42 | 2.45 | 2.43 | 2.43 | 2.40 | 1.00 | down | 6.83E-01 | 9.95E-01 | | |
| 1393026_at | Rnae1 | ribonuclease, RNase A family, 1 (pancreatic) | 364304 | Rn.6397 | B228951 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 4.14E-01 | 9.95E-01 | | | |
| 1387694_at | --- | --- | --- | --- | Rn.103883 | BE103883 | 2.32 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 5.40E-01 | 9.95E-01 | | |
| 1386800_at | Tfbd | thrombospondin | 63580 | Rn.88295 | BE068306 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.18E-01 | 9.95E-01 | | | |
| 1397524_at | --- | --- | --- | --- | Rn.148479 | AA342689 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.98E-01 | 9.95E-01 | | |
| 1397524_at | --- | --- | --- | --- | Rn.202029 | AA342689 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.98E-01 | 9.95E-01 | | |
| 1397524_at | --- | --- | --- | --- | Rn.114122 | BF35666 | AF084544 | 2.32 | 2.31 | 2.32 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.10E-01 | 9.95E-01 | |
| 1391901_at | Prnrb1 | protein ribonuclease containing 8 | 163018 | Rn.163018 | AF208722 | 2.27 | 2.27 | 2.27 | 2.26 | 2.27 | 2.27 | 1.00 | down | 2.10E-01 | 9.95E-01 | | | |
| 1392449_at | --- | --- | --- | --- | Rn.9944 | BF405450 | 2.58 | 2.56 | 2.62 | 2.57 | 2.65 | 2.56 | 1.00 | up | 8.82E-01 | 9.95E-01 | | |
| 1397556_at | ROD1563912 | hypothetical LOC304650 | 304650 | Rn.40335 | AA11394 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.33 | 1.00 | down | 2.95E-01 | 9.95E-01 | | | |
| 1387958_at | --- | --- | --- | --- | Rn.14904 | NM_012985 | 2.28 | 2.28 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 4.69E-01 | 9.95E-01 | | |
| 137924_a_at | Ccd45 | CD45 cell division cycle 4-like 5 (S. cerevisiae) | 287961 | Rn.98535 | AT176539 | 2.33 | 2.32 | 2.34 | 2.34 | 2.34 | 2.31 | 1.00 | down | 6.50E-01 | 9.95E-01 | | | |
| 1385156_at | --- | --- | --- | --- | Rn.148479 | AA342689 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.98E-01 | 9.95E-01 | | |
| 1386112_at | Igfb4 | insulin-like growth factor 4 | 25724 | Rn.159004 | BE120415 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.00 | down | 4.90E-01 | 9.95E-01 | | | |
| 1389377_at | --- | --- | --- | --- | Rn.159004 | NM_013180 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 2.41 | 1.00 | down | 6.23E-01 | 9.95E-01 | | |
| 1385813_at | Co2b | chemokine (C-C motif) ligand 2b | 114402 | Rn.195764 | BF397749 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.35E-01 | 9.95E-01 | | | |
| 1381638_at | --- | --- | --- | --- | Rn.173568 | BE038607 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.32 | 1.00 | down | 4.85E-01 | 9.95E-01 | | |
| 1384121_at | --- | --- | --- | --- | Rn.196260 | AA058309 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 4.25E-01 | 9.95E-01 | | |
| 1383891_at | Col1a1 | collagen, type VIII, alpha 1 | 304021 | Rn.53943 | BE102985 | 2.41 | 2.40 | 2.42 | 2.41 | 2.42 | 2.40 | 1.00 | down | 6.45E-01 | 9.95E-01 | | | |
| 1377233_at | --- | --- | --- | --- | Rn.129750 | BF407040 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.29 | 1.00 | down | 4.35E-01 | 9.95E-01 | | |
| 1391722_at | Hsf2p | heat shock transcription factor 2 binding protein | 498413 | Rn.61756 | B228908 | 2.43 | 2.42 | 2.45 | 2.43 | 2.43 | 2.41 | 1.00 | down | 7.04E-01 | 9.95E-01 | | | |
| 1377332_at | --- | --- | --- | --- | Rn.61756 | BF405350 | 2.42 | 2.41 | 2.44 | 2.42 | 2.44 | 2.44 | 1.00 | up | 5.97E-01 | 9.95E-01 | | |
| 1385748_at | Spa2l2 | spermatogenesis associated 21 | 366491 | Rn.57304 | BF390864 | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 4.00E-01 | 9.95E-01 | | | |
| 1380055_at | --- | --- | --- | --- | Rn.40335 | AA11394 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.33 | 1.00 | down | 2.95E-01 | 9.95E-01 | | |
| 1387337_at | Cort | cortisol | 25305 | Rn.10490 | NM_012835 | 2.57 | 2.56 | 2.57 | 2.57 | 2.57 | 2.57 | 1.00 | up | 5.51E-01 | 9.95E-01 | | | |
| 1389481_at | Tnfrsf4 | tumor necrosis factor (ligand) superfamily, member 4 | 89814 | Rn.30043 | NM_033552 | 2.31 | 2.30 | 2.32 | 2.31 | 2.32 | 2.30 | 1.00 | down | 5.20E-01 | 9.95E-01 | | | |
| 1385278_at | --- | --- | --- | --- | Rn.201430 | AT072423 | 2.43 | 2.42 | 2.45 | 2.43 | 2.43 | 2.41 | 1.00 | down | 6.45E-01 | 9.95E-01 | | |
| 1391540_at | --- | --- | --- | --- | Rn.107120 | BE107120 | 2.35 | 2.35 | 2.37 | 2.35 | 2.36 | 2.34 | 1.00 | down | 5.84E-01 | 9.95E-01 | | |
| 1391729_at | --- | --- | --- | --- | Rn.147631 | BE109928 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.00 | down | 7.04E-01 | 9.07E-01 | | |
| 1391729_at | --- | --- | --- | --- | Rn.154626 | BF363355 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 3.66E-01 | 9.95E-01 | | |
| 1387036_at | --- | --- | --- | --- | Rn.148479 | AA342689 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.98E-01 | 9.95E-01 | | |
| 1387036_at | --- | --- | --- | --- | Rn.148479 | AA342689 | 2.38 | 2.37 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 4.98E-01 | 9.95E-01 | | |
| 1387036_at | --- | --- | --- | --- | Rn.170192 | BE070231 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.31 | 1.00 | down | 6.96E-01 | 9.07E-01 | | |
| 1387036_at | --- | --- | --- | --- | Rn.10596 | NM_053317 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 3.40E-01 | 9.95E-01 | | |
| 1389890_at | N0b1 | nuclear receptor subfamily 0, group B, member 1 | 58520 | Rn.133764 | AD071297 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.01E-01 | 9.95E-01 | | | |
| 1389696_at | Chna9 | cholinergic receptor, nicotinic, alpha 9 | 65024 | Rn.54583 | NM_022930 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.36 | 1.00 | down | 5.85E-01 | 9.95E-01 | | | |
| 1380249_at | --- | --- | --- | --- | Rn.208897 | AA848842 | 2.40 | 2.37 | 2.45 | 2.40 | 2.42 | 2.38 | 1.00 | down | 6.51E-01 | 9.54E-01 | | |
| 1391993_at | --- | --- | --- | --- | Rn.208897 | AA848842 | 2.40 | 2.37 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRMA Intensities (log) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test Csis vs Cht (p-values) | REG | MTC |
|------------|-------------|--|-----------|------------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|--|-----|-----|
| | | | | | | SEPS (Cht) | SEPA (Cht) | SEPB (Cht) | SEPC (Cht) | SEPD (Cht) | SEPE (Cht) | SEPF (Cht) | SEPG (Cht) | SEPH (Cht) | | | | | |
| 1376928_at | --- | --- | --- | BE106737 | 2.39 | 2.38 | 2.40 | 2.38 | 2.39 | 2.37 | 1.00 | down | 6.15E-01 | 8.95E-01 | --- | --- | | | |
| 1377116_at | --- | --- | --- | BF392810 | 2.43 | 2.40 | 2.43 | 2.45 | 2.43 | 2.40 | 1.00 | up | 7.85E-01 | 9.30E-01 | --- | --- | | | |
| 1380235_at | Ucn5b2 | uro-5 homolog B (C. elegans) | 60630 | Rn.346157 | 2.33 | 2.33 | 2.34 | 2.32 | 2.34 | 2.33 | 1.00 | down | 6.44E-01 | 8.95E-01 | --- | --- | | | |
| 1380916_at | Mmp9 | matrix metalloproteinase 9 | 81887 | Rn.10209 | NM_031055 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 1.00 | down | 5.58E-01 | 8.95E-01 | --- | --- | | | |
| 1380946_at | Gjz2 | glucagon-like peptide 2 receptor | 60432 | Rn.163108 | NM_031055 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 1.00 | down | 4.87E-01 | 8.95E-01 | --- | --- | | | |
| 1380985_at | Mg2 | myelin protein zero | 24584 | Rn.210585 | BF392929 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 1.00 | down | 5.39E-01 | 8.95E-01 | --- | --- | | | |
| 1391366_at | Dnae11 | dynamin-1-like protein 11 | 24584 | Rn.8997 | BF392929 | 2.38 | 2.37 | 2.39 | 2.37 | 2.38 | 1.00 | down | 4.59E-01 | 8.95E-01 | --- | --- | | | |
| 139713_at | Kcnj2 | potassium voltage-gated channel, Shal-related family, member 2 | 65180 | Rn.203488 | AA925375 | 2.62 | 2.62 | 2.62 | 2.61 | 2.62 | 1.00 | down | 2.34E-01 | 8.95E-01 | --- | --- | | | |
| 1397476_at | --- | --- | --- | Rn.871495 | NM_031055 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 1.00 | down | 5.34E-01 | 8.95E-01 | --- | --- | | | |
| 1398300_at | --- | --- | --- | Rn.21862 | A137791 | 2.33 | 2.32 | 2.34 | 2.33 | 2.33 | 1.00 | down | 5.22E-01 | 8.95E-01 | --- | --- | | | |
| 1398841_at | --- | --- | --- | Rn.38106 | B309099 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 1.00 | down | 4.30E-01 | 8.95E-01 | --- | --- | | | |
| 1399154_at | Pou2f3 | POU class 2 homeobox 3 | Rn.811060 | L22862 | 2.42 | 2.41 | 2.43 | 2.41 | 2.42 | 2.41 | 1.00 | down | 6.17E-01 | 8.95E-01 | --- | --- | | | |
| 1399192_at | Mps15 | mitochondrial ribosomal protein S15 | 228517 | BF411995 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.37 | 1.00 | down | 4.91E-01 | 8.95E-01 | --- | --- | | | |
| 1399275_at | Car11 | carbonic anhydrase 11 | 300858 | Rn.44281 | BM385197 | 2.32 | 2.32 | 2.31 | 2.32 | 2.32 | 1.00 | up | 3.12E-01 | 8.95E-01 | --- | --- | | | |
| 1399374_at | --- | --- | --- | Rn.164207 | AW92382 | 2.35 | 2.35 | 2.35 | 2.34 | 2.35 | 1.00 | down | 8.94E-01 | 8.95E-01 | --- | --- | | | |
| 1399533_at | --- | --- | --- | BF17654 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.00 | up | 5.47E-01 | 8.95E-01 | --- | --- | | | |
| 1399592_at | --- | --- | --- | BO25666 | 2.70 | 2.66 | 2.77 | 2.69 | 2.76 | 2.64 | 1.00 | down | 9.29E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | --- | --- | --- | Rn.167857 | AK10378 | 2.28 | 2.27 | 2.29 | 2.27 | 2.28 | 1.00 | down | 4.15E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | ROD1564142 | similar to chromosome 10 open reading frame 64 | 496852 | Rn.200107 | BF404846 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 1.00 | down | 5.10E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | --- | --- | --- | BM389240 | 2.40 | 2.40 | 2.50 | 2.40 | 2.50 | 2.48 | 1.00 | down | 5.48E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | --- | --- | --- | BF109775 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.32 | 1.00 | down | 5.71E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | Rasaf4 | Ras association (RapGDS/RAF-6) domain family member 4 | 362423 | Rn.195253 | AZ27769 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 1.00 | down | 5.17E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | --- | --- | --- | Rn.24020 | A149051 | 2.35 | 2.34 | 2.36 | 2.34 | 2.36 | 1.00 | down | 8.89E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | Sox11 | SOX11 (sex determining region Y)-box 11 | 84046 | Rn.162854 | NM_053349 | 2.44 | 2.42 | 2.45 | 2.43 | 2.44 | 1.00 | down | 5.58E-01 | 8.95E-01 | --- | --- | | | |
| 1399762_at | --- | --- | --- | BE11223 | 2.46 | 2.46 | 2.53 | 2.46 | 2.52 | 2.45 | 1.00 | down | 8.85E-01 | 8.95E-01 | --- | --- | | | |
| 1399926_at | --- | --- | --- | AW919941 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 1.00 | down | 5.01E-01 | 8.95E-01 | --- | --- | | | |
| 1399946_at | Opri1 | opioid receptor-like 1 | 29256 | Rn.9762 | U05239 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 1.00 | down | 5.45E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.178538 | AB309563 | 2.43 | 2.43 | 2.46 | 2.44 | 2.45 | 1.00 | down | 6.38E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | C0247 | C2orf420 molecule | --- | Rn.9997 | L08447 | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 1.00 | down | 3.89E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.49223 | BM08246 | 2.31 | 2.30 | 2.32 | 2.31 | 2.32 | 1.00 | down | 5.11E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | --- | NM_031055 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 1.00 | down | 5.74E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BF394923 | 2.33 | 2.32 | 2.34 | 2.33 | 2.33 | 2.32 | 1.00 | down | 5.54E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.2077 | A818721 | 2.44 | 2.44 | 2.41 | 2.44 | 2.41 | 1.00 | down | 6.52E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.207347 | BE097699 | 2.31 | 2.30 | 2.33 | 2.31 | 2.32 | 1.00 | up | 6.52E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.147162 | A026762 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 1.00 | down | 6.03E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Nur1 | natural cytotoxicity triggering receptor 1 | 117547 | Rn.302049 | NM_027197 | 2.39 | 2.37 | 2.40 | 2.37 | 2.40 | 1.00 | down | 6.37E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.208778 | BF403190 | 2.38 | 2.37 | 2.39 | 2.39 | 2.39 | 1.00 | down | 6.77E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.153337 | BE072828 | 2.28 | 2.28 | 2.29 | 2.28 | 2.27 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.63397 | BF404618 | 2.43 | 2.42 | 2.45 | 2.43 | 2.45 | 1.00 | down | 7.32E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.35394 | BI270506 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 1.00 | down | 5.78E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BF396013 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.34 | 1.00 | down | 6.25E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Max2 | max homeobox 2 | 25483 | Rn.10414 | NM_029882 | 2.36 | 2.35 | 2.38 | 2.36 | 2.37 | 1.00 | down | 7.01E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Tnfrsf3 | tumor necrosis factor receptor type 3 | 140939 | Rn.40036 | NM_009093 | 2.37 | 2.36 | 2.37 | 2.37 | 2.37 | 1.00 | down | 4.86E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | ROD156222 | similar to RIKEN cDNA 430018P22 | 36175 | Rn.97377 | BE11022 | 2.40 | 2.39 | 2.41 | 2.39 | 2.41 | 1.00 | down | 6.71E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Vtn | vitronectin | 29169 | Rn.87493 | NM_019156 | 2.32 | 2.32 | 2.33 | 2.32 | 2.33 | 1.00 | down | 3.48E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Hush13 | homeobox B13 | 302480 | Rn.83979 | BE026168 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 1.00 | down | 6.58E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Sv2p | synaptic vesicle glycoprotein 2b | 117556 | Rn.58137 | BG672437 | 2.28 | 2.28 | 2.30 | 2.28 | 2.29 | 1.00 | down | 5.87E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Mg2 | membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2) | 85275 | Rn.44271 | A7087696 | 2.70 | 2.68 | 2.71 | 2.69 | 2.71 | 1.00 | down | 6.76E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | ROD1311946 | --- | --- | Rn.19521 | BM38941 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 6.25E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.19834 | BF11071 | 2.49 | 2.48 | 2.49 | 2.50 | 2.49 | 1.00 | up | 5.01E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Chmp4b | chromatin modifying protein 4b | 312254 | Rn.19484 | NM_059906 | 2.39 | 2.38 | 2.40 | 2.38 | 2.40 | 1.00 | down | 5.10E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Col1a1 | collagen, type I, alpha 1 | 25681 | Rn.217522 | A123028 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 1.00 | down | 6.52E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | Rhod1 | rhodopsin homeobox domain containing, family A (phosphoinositide binding site 1) | 308504 | Rn.80269 | BE026168 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 1.00 | down | 6.58E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.204484 | A105865 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 1.00 | down | 5.40E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BF402496 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 4.90E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BO2051 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.25E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | U0620 | 2.28 | 2.27 | 2.29 | 2.27 | 2.28 | 2.26 | 1.00 | down | 4.98E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | NM_019255 | 2.40 | 2.39 | 2.41 | 2.39 | 2.41 | 1.00 | down | 5.52E-01 | 8.95E-01 | --- | --- | | | | |
| 1399954_at | --- | --- | --- | U2767 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.33 | 1.00 | down | 6.04E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | A1059053 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 4.45E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | Rn.130954 | A110541 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 1.00 | down | 4.17E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | AW92989 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.70E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BE009435 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.20E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | NM_023100 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 6.42E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BF404503 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.35 | 1.00 | down | 5.53E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | AW92626 | 2.39 | 2.39 | 2.41 | 2.39 | 2.41 | 2.38 | 1.00 | down | 6.25E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | --- | --- | --- | BE097459 | 2.32 | 2.31 | 2.33 | 2.31 | 2.32 | 2.31 | 1.00 | down | 4.88E-01 | 8.95E-01 | --- | --- | | | |
| 1399954_at | RT1-A2 | RT1 class Ia, locus A2 | 24974 | Rn.146761 | AW252814 | 2.36 | 2.36 | 2.36 | 2.36 | 2.37 | 1.00 | down | 4.45E-01 | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRMA Intensities (log2) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEP1 (Ct) | SEPP (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | | | | | | |
| 1390609_at | --- | --- | --- | --- | Bi26663 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 2.30 | 1.00 | down | 5.07E-01 | 8.95E-01 | --- | --- | | |
| 1388198_at | CyP7b1 | cytochrome P450, family 7, subfamily B, polypeptide 1 | 25429 | Rn.53969 | BF283070 | 2.51 | 2.44 | 2.49 | 2.50 | 2.50 | 2.46 | 1.00 | up | 8.71E-01 | 9.00E-01 | --- | --- | | | |
| 1388079_at | Kiib1b | --- | 25192 | Rn.195166 | U52620 | 2.41 | 2.41 | 2.42 | 2.40 | 2.43 | 2.40 | 1.00 | down | 5.48E-01 | 8.95E-01 | --- | --- | | | |
| 1388332_at | --- | killer cell lectin-like receptor subfamily B member 18 | --- | --- | U56936 | 2.31 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.88E-01 | 9.00E-01 | --- | --- | | | |
| 1391699_at | Poli2f | polymerase (RNA) II (DNA directed) polypeptide F | 63503 | Rn.28212 | AI55692 | 2.85 | 2.91 | 2.85 | 2.85 | 2.85 | 2.93 | 1.00 | up | 9.06E-01 | 9.71E-01 | --- | --- | | | |
| 1387745_at | Ph | parathyroid hormone | 24694 | Rn.97768 | NM_017044 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.31E-01 | 8.95E-01 | --- | --- | | | |
| 1387354_at | SK36 | serine/threonine kinase 36 (fused homologue, Drosophila) | 301516 | Rn.188446 | BF402982 | 2.34 | 2.34 | 2.37 | 2.37 | 2.34 | 2.37 | 1.00 | down | 6.27E-01 | 9.00E-01 | --- | --- | | | |
| 1387798_at | --- | --- | --- | --- | AI045251 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.27 | 1.00 | down | 5.41E-01 | 8.95E-01 | --- | --- | | | |
| 1388247_at | --- | --- | --- | --- | BF153423 | 2.45 | 2.43 | 2.46 | 2.45 | 2.44 | 2.47 | 1.00 | down | 4.74E-01 | 9.16E-01 | --- | --- | | | |
| 1391783_at | --- | --- | --- | --- | Rn.171605 | BI120603 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 5.28E-01 | 8.95E-01 | --- | --- | | |
| 1378240_at | Fancd2 | Fanconi anemia, complementation group D2 | 312641 | Rn.203979 | AI031007 | 2.85 | 3.00 | 2.81 | 2.80 | 3.66 | 2.51 | 1.00 | up | 9.92E-01 | 9.97E-01 | --- | --- | | | |
| 1386237_at | --- | --- | --- | --- | AI834963 | 2.41 | 2.40 | 2.44 | 2.41 | 2.44 | 2.40 | 1.00 | down | 8.02E-01 | 9.95E-01 | --- | --- | | | |
| 1390917_at | --- | --- | --- | --- | Rn.200024 | BF405095 | 2.30 | 2.29 | 2.31 | 2.29 | 2.30 | 2.29 | 1.00 | down | 5.63E-01 | 8.95E-01 | --- | --- | | |
| 1382027_at | --- | --- | --- | --- | Rn.17129 | BI298880 | 2.24 | 2.23 | 2.25 | 2.23 | 2.24 | 2.23 | 1.00 | down | 5.26E-01 | 8.95E-01 | --- | --- | | |
| 1382696_at | --- | --- | --- | --- | Rn.122723 | AI011607 | 2.29 | 2.29 | 2.29 | 2.28 | 2.30 | 2.29 | 1.00 | down | 5.77E-01 | 8.95E-01 | --- | --- | | |
| 1382411_at | --- | --- | --- | --- | Rn.161297 | AW252411 | 2.35 | 2.33 | 2.35 | 2.35 | 2.36 | 2.34 | 1.00 | up | 7.34E-01 | 9.15E-01 | --- | --- | | |
| 1387700_at | Adigr3 | adrenergic, alpha-Ad-, receptor | 25093 | Rn.171774 | U73031 | 2.33 | 2.32 | 2.34 | 2.33 | 2.33 | 2.32 | 1.00 | down | 5.33E-01 | 8.95E-01 | --- | --- | | | |
| 1378982_at | Plygm | phosphorylase, glycogen, muscle | 24701 | Rn.11238 | BI279633 | 2.26 | 2.25 | 2.27 | 2.25 | 2.26 | 2.25 | 1.00 | down | 5.10E-01 | 8.95E-01 | --- | --- | | | |
| 1378495_at | Swi2 | serinal vesicle antigen-like 2 | 84605 | Rn.74250 | NM_133291 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 1.00 | down | 4.84E-01 | 8.95E-01 | --- | --- | | | |
| 1369808_at | Fg16f | fibroblast growth factor 16 | 60464 | Rn.44348 | NM_021887 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 5.78E-01 | 8.95E-01 | --- | --- | | | |
| 1380247_at | Dmrt2 | doublesex and mab-3 related transcription factor 2 | 309430 | Rn.200224 | BM358440 | 2.31 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 1.00 | down | 6.35E-01 | 8.97E-01 | --- | --- | | | |
| 1384447_at | --- | --- | --- | --- | Rn.11448 | BF55792 | 2.47 | 2.45 | 2.48 | 2.46 | 2.47 | 2.45 | 1.00 | down | 8.87E-01 | 9.00E-01 | --- | --- | | |
| 1382347_at | --- | --- | --- | --- | Rn.7022 | AA850576 | 2.32 | 2.32 | 2.34 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.99E-01 | 8.95E-01 | --- | --- | | |
| 1384443_at | --- | --- | --- | --- | Rn.134917 | AI839162 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.31 | 1.00 | down | 6.71E-01 | 9.00E-01 | --- | --- | | |
| 1387529_s_at | Tagln3 | transgelin 3 | 63837 | Rn.10998 | NM_031676 | 2.38 | 2.36 | 2.40 | 2.37 | 2.40 | 2.36 | 1.00 | down | 8.02E-01 | 9.36E-01 | --- | --- | | | |
| 1370683_at | Kork15 | potassium channel, subfamily K, member 15 | 156873 | Rn.161865 | AF472520 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 4.72E-01 | 8.95E-01 | --- | --- | | | |
| 1383096_at | --- | --- | --- | --- | Rn.348293 | BE115298 | 2.35 | 2.36 | 2.36 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.32E-01 | 8.95E-01 | --- | --- | | |
| 1382081_at | Scn3a3 | scavenger receptor class A, member 3 | 364405 | Rn.9379 | AA957749 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 5.55E-01 | 8.95E-01 | --- | --- | | | |
| 1377754_at | Adm | alpha-2-macroglobulin | 24151 | Rn.104845 | NM_012488 | 2.40 | 2.38 | 2.42 | 2.39 | 2.41 | 2.39 | 1.00 | down | 7.02E-01 | 9.07E-01 | --- | --- | | | |
| 1383521_at | LOC58890 | similar to Protein arginine N-methyltransferase 4 (Heterogeneous nuclear ribonucleoprotein A2) | 688502 | Rn.152095 | AW529213 | 2.37 | 2.37 | 2.38 | 2.37 | 2.38 | 2.38 | 1.00 | down | 6.27E-01 | 8.95E-01 | --- | --- | | | |
| 1378890_at | LOC58890 | hypothetical protein LOC58890 | 688990 | Rn.37063 | BI297375 | 2.45 | 2.44 | 2.46 | 2.45 | 2.46 | 2.44 | 1.00 | down | 6.21E-01 | 8.95E-01 | --- | --- | | | |
| 1381107_at | --- | --- | --- | --- | Rn.208473 | AA55628 | 2.26 | 2.26 | 2.28 | 2.27 | 2.28 | 2.26 | 1.00 | down | 5.45E-01 | 8.95E-01 | --- | --- | | |
| 1391772_at | Ef1z2 | eukaryotic translation initiation factor 2C, 3 | 313563 | Rn.92025 | AW157094 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.00 | down | 6.16E-01 | 8.95E-01 | --- | --- | | | |
| 1386751_at | Koa3 | potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 | 33588 | Rn.10878 | NM_013778 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 5.60E-01 | 8.95E-01 | --- | --- | | | |
| 1377700_at | Tgspr | transgelin 9 | 68149 | Rn.161430 | AI179889 | 2.32 | 2.31 | 2.32 | 2.31 | 2.32 | 2.31 | 1.00 | down | 6.27E-01 | 8.95E-01 | --- | --- | | | |
| 1369829_at | Gp4 | gap junction protein, beta 4 | 117055 | Rn.10344 | NM_035984 | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.27 | 1.00 | down | 5.41E-01 | 8.95E-01 | --- | --- | | | |
| 1375339_at | Tb11 | tax1 homeobox 11 | 68027 | Rn.81047 | BF147127 | 2.45 | 2.44 | 2.47 | 2.45 | 2.46 | 2.44 | 1.00 | down | 6.51E-01 | 8.95E-01 | --- | --- | | | |
| 1390596_at | Mania | melan-A | 293890 | Rn.12340 | BC378791 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 5.76E-01 | 8.95E-01 | --- | --- | | | |
| 1382759_at | --- | --- | --- | --- | Rn.132931 | AA48481 | 2.52 | 2.50 | 2.55 | 2.50 | 2.60 | 2.45 | 1.00 | down | 9.32E-01 | 9.81E-01 | --- | --- | | |
| 1387350_at | Wt1 | Wulfsberg syndrome 1 homology (human) | 83725 | Rn.160155 | NM_031815 | 2.32 | 2.32 | 2.33 | 2.32 | 2.33 | 2.33 | 1.00 | down | 6.48E-01 | 9.00E-01 | --- | --- | | | |
| 1370233_at | Fg12 | fibroblast growth factor 12 | 170630 | Rn.45965 | AW252096 | 2.41 | 2.40 | 2.42 | 2.45 | 2.41 | 2.39 | 1.00 | up | 8.38E-01 | 9.44E-01 | --- | --- | | | |
| 1381000_at | Nco2 | nuclear receptor coactivator 2 | 87324 | Rn.49136 | AW526777 | 2.30 | 2.29 | 2.31 | 2.30 | 2.30 | 2.29 | 1.00 | down | 4.88E-01 | 8.95E-01 | --- | --- | | | |
| 1380348_at | Ntr3 | Neurogranin 3 | 117297 | Rn.102083 | BF461725 | 2.45 | 2.45 | 2.46 | 2.44 | 2.46 | 2.44 | 1.00 | down | 6.38E-01 | 9.08E-01 | --- | --- | | | |
| 1388767_at | Cys2b | cystatin B (cystatin related epidermal specific) | 29879 | Rn.18514 | NM_019258 | 2.32 | 2.31 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 6.37E-01 | 8.95E-01 | --- | --- | | | |
| 1378854_at | LOC1308448 | LOC1308448 | 310388 | Rn.103897 | AA55628 | 2.26 | 2.26 | 2.28 | 2.27 | 2.28 | 2.26 | 1.00 | down | 5.45E-01 | 8.95E-01 | --- | --- | | | |
| 1375468_at | Abic5 | ATP-binding cassette, sub-family C (CFTR/MRP), member 5 | 116721 | Rn.8491 | AW226863 | 2.38 | 2.38 | 2.39 | 2.37 | 2.39 | 2.38 | 1.00 | down | 4.22E-01 | 8.95E-01 | --- | --- | | | |
| 1380352_at | --- | --- | --- | --- | Rn.203551 | AA556283 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.00 | down | 5.60E-01 | 8.95E-01 | --- | --- | | |
| 1378033_at | --- | --- | --- | --- | Rn.18194 | AA057178 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- | | |
| 1387876_at | Trim7 | tripartite motif-containing 7 | 64702 | Rn.48708 | NM_022798 | 2.33 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 5.58E-01 | 8.95E-01 | --- | --- | | | |
| 1391640_at | Caec2 | Down syndrome critical region homolog 6 (human) | 280229 | Rn.13025 | BF545687 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 6.38E-01 | 9.08E-01 | --- | --- | | | |
| 1384663_at | Caec1 | collagen triple helix repeat-containing 1 | 282836 | Rn.84668 | AA958001 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 4.85E-01 | 8.95E-01 | --- | --- | | | |
| 1389634_at | --- | --- | --- | --- | Rn.207986 | BF401551 | 2.32 | 2.31 | 2.34 | 2.31 | 2.34 | 2.30 | 1.00 | down | 7.79E-01 | 9.28E-01 | --- | --- | | |
| 1394422_at | --- | --- | --- | --- | Rn.159676 | AW55628 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.31 | 1.00 | down | 6.10E-01 | 9.02E-01 | --- | --- | | |
| 1373979_at | --- | --- | --- | --- | Rn.203871 | BF281977 | 2.49 | 2.48 | 2.48 | 2.47 | 2.53 | 2.48 | 1.00 | up | 8.50E-01 | 9.53E-01 | --- | --- | | |
| 1383952_at | --- | --- | --- | --- | Rn.132368 | AA556294 | 2.52 | 2.49 | 2.54 | 2.52 | 2.55 | 2.49 | 1.00 | up | 8.54E-01 | 9.55E-01 | --- | --- | | |
| 1373797_at | LOC1563440 | similar to hypothetical protein | 298301 | Rn.383129 | BF383129 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.04E-01 | 8.95E-01 | --- | --- | | | |
| 1369745_at | Gri2b | glutamate receptor, ionotropic, N-methyl-D-aspartate 2B | 24410 | Rn.91711 | M191562 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 6.24E-01 | 8.95E-01 | --- | --- | | | |
| 1381341_at | rCg_43687 | hypothetical protein LOC58890 | 688499 | Rn.161619 | BF104618 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 6.43E-01 | 8.95E-01 | --- | --- | | | |
| 1391259_at | --- | --- | --- | --- | Rn.208615 | BE104618 | 2.27 | 2.27 | 2.28 | 2.28 | 2.27 | 2.26 | 1.00 | down | 5.54E-01 | 8.95E-01 | --- | --- | | |
| 1382229_at | --- | --- | --- | --- | Rn.203793 | AA998289 | 2.29 | 2.27 | 2.29 | 2.28 | 2.30 | 2.29 | 1.00 | up | 5.91E-01 | 8.95E-01 | --- | --- | | |
| 1387033_at | --- | --- | --- | --- | Rn.172955 | BF145547 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.10E-01 | 8.95E-01 | --- | --- | | |
| 1387970_at | Sc3ba5 | solute carrier family 38, member 5 | 192208 | Rn.81033 | AF278870 | 2.27 | 2.26 | 2.28 | 2.26 | 2.2 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|--------------|-------------|--|-----------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Cm) | SEPA (Cm) | SEPB (Cm) | SEPC (Cm) | SEPD (Cm) | SEPE (Cm) | | | | | | |
| 138744_at | --- | --- | Rn.200625 | AW253984 | 2.36 | 2.37 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 6.66E-01 | 8.95E-01 | --- | --- | |
| 1382830_at | Suv39h2 | suppressor of variegation 3-9 homolog 2 (Drosophila) | 364785 | Rn.154760 | AF071877 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.27E-01 | 8.95E-01 | --- | --- |
| 1388111_at | --- | --- | Rn.201163 | BF401593 | 2.32 | 2.32 | 2.31 | 2.31 | 2.32 | 2.31 | 1.00 | down | 5.14E-01 | 8.95E-01 | --- | --- | |
| 1393007_at | --- | --- | Rn.164628 | BF554509 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 1.00 | down | 5.14E-01 | 8.95E-01 | --- | --- | |
| 1397236_at | --- | --- | Rn.200208 | HA820243 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.00 | down | 4.46E-01 | 8.95E-01 | --- | --- | |
| 1377801_at | Btbd1 | BTB (POZ) domain containing 12 | 320263 | Rn.25408 | AIZ3701 | 2.70 | 2.76 | 2.05 | 2.81 | 2.97 | 2.76 | 1.00 | up | 8.75E-01 | 9.93E-01 | --- | --- |
| 1370598_a_at | Kor9b | potassium inwardly-rectifying channel, subfamily J, member 6 | 25743 | Rn.101185 | AB073755 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 5.38E-01 | 8.95E-01 | --- | --- |
| 1394653_at | --- | --- | Rn.174484 | AJ007484 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 5.38E-01 | 8.95E-01 | --- | --- | |
| 1395594_at | Wnt11 | wingless-type MMTV integration site family, member 11 | 145584 | Rn.55941 | AW528032 | 2.30 | 2.29 | 2.31 | 2.29 | 2.30 | 2.29 | 1.00 | down | 5.47E-01 | 8.95E-01 | --- | --- |
| 1395112_at | Wnt10 | wingless-type MMTV integration site family, member 10 | 145584 | Rn.48181 | M52614 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 4.16E-01 | 8.95E-01 | --- | --- |
| 1392112_at | --- | --- | Rn.199710 | BF103553 | 2.36 | 2.34 | 2.36 | 2.34 | 2.35 | 2.35 | 1.00 | down | 5.55E-01 | 8.95E-01 | --- | --- | |
| 1370560_at | Znf689 | zinc finger protein 689 | 289996 | Rn.209819 | AF277902 | 2.34 | 2.33 | 2.35 | 2.33 | 2.34 | 2.33 | 1.00 | down | 5.90E-01 | 8.95E-01 | --- | --- |
| 1381008_at | Tayf5 | --- | 134555 | Rn.161940 | BE146255 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.31 | 1.00 | up | 3.84E-01 | 8.95E-01 | --- | --- |
| 1389506_x_at | Col20 | Cell division cycle 20 homolog (S. cerevisiae) | 64515 | Rn.5282 | BI284858 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 5.03E-01 | 8.95E-01 | --- | --- |
| 1392026_at | RD1562406 | similar to FLJ0248 protein | 289559 | Rn.59091 | BM381744 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 5.02E-01 | 8.95E-01 | --- | --- |
| 1393846_at | Dp93 | developmental pluripotency-associated 3 | 27373 | Rn.73056 | BI282929 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.39 | 1.00 | down | 6.34E-01 | 8.95E-01 | --- | --- |
| 1389851_at | Grn2d | glutamate receptor, ionotropic, N-methyl D-aspartate 2D | 24412 | Rn.91209 | NM_022797 | 2.37 | 2.35 | 2.39 | 2.35 | 2.36 | 2.35 | 1.00 | down | 5.25E-01 | 8.95E-01 | --- | --- |
| 1381427_at | rCG_44068 | lithoend box C1 | 364706 | Rn.11916 | AI118116 | 2.35 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 1.00 | up | 8.45E-01 | 9.94E-01 | --- | --- |
| 1382026_at | --- | --- | 689746 | Rn.56580 | BF376326 | 2.32 | 2.31 | 2.32 | 2.32 | 2.32 | 2.31 | 1.00 | down | 4.34E-01 | 8.95E-01 | --- | --- |
| 1382026_at | --- | --- | 22045 | Rn.10732 | NM_019175 | 2.33 | 2.32 | 2.37 | 2.33 | 2.34 | 2.33 | 1.00 | up | 8.40E-01 | 9.93E-01 | --- | --- |
| 1379707_at | --- | --- | --- | Rn.170591 | BF284383 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.34 | 1.00 | down | 6.38E-01 | 8.95E-01 | --- | --- |
| 137707_at | Fam89a | family with sequence similarity 89, member A | 301441 | Rn.16625 | BM385887 | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 4.04E-01 | 8.95E-01 | --- | --- |
| 1382026_at | --- | --- | --- | Rn.24793 | BF282900 | 2.44 | 2.43 | 2.45 | 2.46 | 2.44 | 2.42 | 1.00 | up | 7.44E-01 | 9.77E-01 | --- | --- |
| 1379723_at | RD1565584 | similar to tyrosine kinase-associated leucine zipper protein LA2ip1 | 293112 | Rn.35776 | BG373264 | 4.02 | 4.17 | 3.97 | 4.02 | 3.96 | 4.19 | 1.00 | up | 9.67E-01 | 9.90E-01 | --- | --- |
| 1382026_at | --- | --- | --- | Rn.17778 | BM387888 | 2.33 | 2.32 | 2.34 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.71E-01 | 8.95E-01 | --- | --- |
| 1379222_at | --- | --- | --- | Rn.205125 | BM389053 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 5.17E-01 | 8.95E-01 | --- | --- |
| 1388812_at | Tp53l3 | tumor protein p53 inducible protein 13 | 287550 | Rn.17771 | AJ230362 | 2.40 | 2.39 | 2.40 | 2.39 | 2.39 | 2.39 | 1.00 | down | 3.07E-01 | 8.95E-01 | --- | --- |
| 1382026_at | --- | --- | 25609 | Rn.20917 | NM_013917 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 1.00 | down | 5.48E-01 | 8.95E-01 | --- | --- |
| 138243_at | --- | --- | --- | Rn.105974 | AJ59794 | 6.41 | 5.18 | 6.03 | 5.60 | 5.01 | 5.99 | 1.00 | down | 9.94E-01 | 9.98E-01 | --- | --- |
| 1376158_at | Bnk1 | BK serine/threonine kinase 1 | 499073 | Rn.12884 | BF407786 | 2.28 | 2.28 | 2.30 | 2.28 | 2.30 | 2.27 | 1.00 | down | 7.05E-01 | 9.07E-01 | --- | --- |
| 1376153_a_at | --- | --- | --- | Rn.125774 | BF498803 | 2.40 | 2.40 | 2.42 | 2.43 | 2.41 | 2.39 | 1.00 | down | 6.85E-01 | 8.95E-01 | --- | --- |
| 1383507_at | --- | --- | --- | --- | BI288980 | 2.35 | 2.35 | 2.35 | 2.35 | 2.36 | 2.36 | 1.00 | up | 2.71E-01 | 8.95E-01 | --- | --- |
| 1383507_at | --- | --- | --- | --- | NM_044220 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 4.78E-01 | 8.95E-01 | --- | --- |
| 1390505_a_at | LOC888721 | similar to luciferin rib repeat and fibronectin type III domain containing 4 | 688721 | Rn.219382 | BF419544 | 2.25 | 2.25 | 2.26 | 2.25 | 2.26 | 2.24 | 1.00 | down | 4.98E-01 | 8.95E-01 | --- | --- |
| 1379127_at | --- | --- | --- | Rn.19395 | AW532225 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.28 | 1.00 | down | 5.06E-01 | 8.95E-01 | --- | --- |
| 1392630_at | --- | --- | --- | Rn.10295 | AI02925 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 2.28 | 1.00 | down | 5.06E-01 | 8.95E-01 | --- | --- |
| 1396999_at | Glyr1 | glucagon-like peptide 1 receptor | 25051 | Rn.11408 | NM_017238 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 5.47E-01 | 8.95E-01 | --- | --- |
| 1382026_at | Lactr | lactoferrin receptor | 291800 | Rn.11408 | BF498803 | 2.40 | 2.40 | 2.41 | 2.41 | 2.41 | 2.39 | 1.00 | down | 4.78E-01 | 8.95E-01 | --- | --- |
| 1396823_at | Adam7 | ADAM metalloproteinase domain 7 | 29641 | Rn.10357 | NM_022031 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 5.57E-01 | 8.95E-01 | --- | --- |
| 1372424_at | --- | --- | --- | Rn.161440 | BF393937 | 2.40 | 2.38 | 2.40 | 2.39 | 2.41 | 2.37 | 1.00 | down | 7.85E-01 | 9.30E-01 | --- | --- |
| 1392185_at | Tase | tetraspanin XA | 25602 | Rn.36545 | BF096490 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.00 | down | 5.07E-01 | 8.95E-01 | --- | --- |
| 1396898_at | --- | --- | --- | Rn.39808 | AJ574229 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.28E-01 | 8.95E-01 | --- | --- |
| 1378633_at | --- | --- | --- | --- | BF404837 | 2.30 | 2.29 | 2.30 | 2.30 | 2.30 | 2.29 | 1.00 | down | 4.24E-01 | 8.95E-01 | --- | --- |
| 1396891_at | Gabra6 | gamma-aminobutyric acid (GABA) A receptor, alpha 6 | 29708 | Rn.21981 | NM_051411 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.29 | 1.00 | down | 4.24E-01 | 8.95E-01 | --- | --- |
| 1392185_at | W094 | W94 repeat domain 4 | 690032 | Rn.11684 | BI282311 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 6.34E-01 | 8.95E-01 | --- | --- |
| 1391910_at | RD1312005 | --- | 291800 | Rn.11684 | BI282311 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 6.34E-01 | 8.95E-01 | --- | --- |
| 1391910_at | LOC880133 | similar to TBC1 domain family, member 6 | 680133 | Rn.20205 | BI289600 | 2.26 | 2.25 | 2.26 | 2.25 | 2.26 | 2.25 | 1.00 | down | 3.82E-01 | 8.95E-01 | --- | --- |
| 1391910_at | Plac1 | placental specific 1 | 371716 | Rn.25305 | BI29699 | 2.34 | 2.33 | 2.35 | 2.33 | 2.35 | 2.32 | 1.00 | down | 7.26E-01 | 9.13E-01 | --- | --- |
| 1387465_a_at | Galpha2 | guanine nucleotide-binding protein G(i2) subunit alpha 2 | 293317 | Rn.91751 | NM_011748 | 2.41 | 2.40 | 2.42 | 2.41 | 2.41 | 2.41 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- |
| 1387465_a_at | Go3r | gonadotropin releasing hormone receptor 3 | 81668 | Rn.112595 | NM_031038 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 5.38E-01 | 8.95E-01 | --- | --- |
| 1389695_at | Cdvh | CDVH protein | 147878 | Rn.147878 | BF498803 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.31 | 1.00 | down | 6.03E-01 | 8.95E-01 | --- | --- |
| 1397971_at | Col9a1 | CD9 molecule, epsilon homologue | 315909 | Rn.96221 | AW915948 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.23 | 1.00 | down | 3.91E-01 | 8.95E-01 | --- | --- |
| 1379786_at | Jund | Jun D proto-oncogene | 24518 | Rn.46225 | BE096021 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 4.03E-01 | 8.95E-01 | --- | --- |
| 1374650_at | --- | --- | --- | Rn.172618 | BF400811 | 2.38 | 2.38 | 2.40 | 2.38 | 2.38 | 2.38 | 1.00 | down | 4.78E-01 | 8.95E-01 | --- | --- |
| 1384470_at | --- | --- | --- | Rn.39323 | BE114218 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.31 | 1.00 | down | 5.33E-01 | 8.95E-01 | --- | --- |
| 1370713_at | Cnga1 | cytidylic nucleotide gated channel alpha 1 | 82529 | Rn.54534 | NM_035497 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 5.24E-01 | 8.95E-01 | --- | --- |
| 1383741_at | Chnpt | centromere protein T | 307705 | Rn.194991 | BE104344 | 2.41 | 2.41 | 2.42 | 2.41 | 2.41 | 2.40 | 1.00 | down | 4.23E-01 | 8.95E-01 | --- | --- |
| 1387175_at | Adab2b | adenosine deaminase, RNA-specific, B2 subunit | 117088 | Rn.104683 | NM_013082 | 2.32 | 2.32 | 2.32 | 2.31 | 2.32 | 2.31 | 1.00 | down | 5.23E-01 | 8.95E-01 | --- | --- |
| 1393025_at | ApoB | apolipoprotein B, beta | 304603 | Rn.91716 | AJ037671 | 2.31 | 2.30 | 2.32 | 2.31 | 2.32 | 2.30 | 1.00 | down | 6.47E-01 | 8.95E-01 | --- | --- |
| 1396906_at | Hk2 | hexokinase 2 | 25059 | Rn.91375 | NM_012735 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 5.63E-01 | 8.95E-01 | --- | --- |
| 1381654_at | --- | --- | --- | Rn.196898 | BF41816 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 5.91E-01 | 8.95E-01 | --- | --- |
| 1398181_at | Pf8 | coagulation factor VII, procoagulant component | 302470 | Rn.95452 | BF420450 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.31E-01 | 8.95E-01 | --- | --- |
| 1378633_at | Prf1b1 | prolactin family 7, subfamily b, member 1 | 268804 | Rn.73699 | BI274699 | 2.33 | 2.32 | 2.34 | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Resuspension | Unpaired t-test Csis vs Cht (log2) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-------------------------|------------|-----------|------|------|------|------|------|----------|----------|-----------|--------------|------------------------------------|-----|-----|
| | | | | | | SEPS (Cht) | SEPA (Cht) | SEP (Cht) | SEPC | SEPB | SEPD | SEPE | SEPF | SEPG | SEPH | | | | | |
| 1377631_at | Cor3a3 | procollagen, type IX, alpha 3 | 362285 | BM39001 | BE12296 | 2.33 | 2.32 | 2.34 | 2.32 | 2.36 | 2.32 | 1.00 | up | 7.94E-01 | 9.34E-01 | - | - | | | |
| 1395990_at | Glut1 | glutamate receptor, ionotropic, kainate 5 | 24407 | Rn.74042 | BE12296 | 2.40 | 2.39 | 2.40 | 2.39 | 2.40 | 2.38 | 1.00 | down | 6.12E-01 | 8.95E-01 | - | - | | | |
| 1377889_at | Ki67 | kinetochore associated 1 | 304477 | Rn.47918 | BF564273 | 2.33 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 1.00 | down | 5.92E-01 | 8.95E-01 | - | - | | | |
| 1375922_at | Siw7 | Similar to Zinc finger protein ZFP11 (Zinc finger protein multiple 1) (Friend c) | 691504 | Rn.160024 | BE084647 | 2.24 | 2.24 | 2.25 | 2.24 | 2.24 | 2.26 | 1.00 | up | 5.87E-01 | 8.95E-01 | - | - | | | |
| 1375922_at | Gm504 | glutamate receptor, metabotropic 2 | 24415 | Rn.209443 | BF095530 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.15E-01 | 8.95E-01 | - | - | | | |
| 1379055_at | Zfp95 | zinc finger, FYVE domain containing 9 | 314777 | Rn.23477 | BF136791 | 4.08 | 4.08 | 4.30 | 4.11 | 4.29 | 4.29 | 1.00 | down | 9.91E-01 | 9.95E-01 | - | - | | | |
| 1388909_at | Nox1 | nitric oxide receptor coactivator 1 | 313929 | Rn.165307 | AI137280 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.27 | 1.00 | down | 5.07E-01 | 8.95E-01 | - | - | | | |
| 1394940_at | Fam64a | family with sequence similarity 46, member A | 300870 | Rn.788 | BI294811 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 5.91E-01 | 8.95E-01 | - | - | | | |
| 1398111_at | Nirg2 | NDRG family member 2 | 17114 | Rn.21573 | AS019355 | 2.29 | 2.29 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 4.88E-01 | 8.95E-01 | - | - | | | |
| 1381055_at | LOC691153 | Hypothetical protein LOC691153 | 691153 | Rn.33584 | AA091756 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.27 | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1379392_at | LOC58396 | similar to Proton NQX166/PRO28631 precursor | 315163 | Rn.141004 | AA843025 | 2.58 | 2.57 | 2.59 | 2.58 | 2.59 | 2.56 | 1.00 | down | 7.21E-01 | 9.11E-01 | - | - | | | |
| 1379463_at | Tnfr2 | hydrophobic releasing homologue receptor 2 | 252089 | Rn.216991 | AB015045 | 2.32 | 2.31 | 2.32 | 2.31 | 2.31 | 2.31 | 1.00 | down | 4.11E-01 | 8.95E-01 | - | - | | | |
| 1391451_at | Rarb2 | RARG2 homolog B (S. cerevisiae) | 298012 | Rn.67042 | BC377084 | 6.43 | 6.53 | 6.86 | 6.71 | 6.65 | 6.56 | 1.00 | down | 8.83E-01 | 9.95E-01 | - | - | | | |
| 1379106_at | Amn | amniomless homology (mouse) | 314459 | Rn.7787 | AI103386 | 2.27 | 2.27 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 4.25E-01 | 8.95E-01 | - | - | | | |
| 1381280_at | Mme2d | methylcrotonyl-CoA carboxylase (NADP+ dependent) 2-like | 305248 | Rn.208715 | BF1415212 | 2.42 | 2.41 | 2.42 | 2.42 | 2.42 | 2.45 | 1.00 | up | 8.08E-01 | 9.38E-01 | - | - | | | |
| 1370756_at | Or1082 | olfactory receptor 1082 | 288744 | Rn.44383 | M64381 | 2.25 | 2.24 | 2.26 | 2.25 | 2.25 | 2.24 | 1.00 | down | 5.01E-01 | 8.95E-01 | - | - | | | |
| 1370591_at | LOC58104 | potassium voltage gated channel, Shal-related family, member 3 | 65195 | Rn.206999 | BF403382 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.72E-01 | 9.01E-01 | - | - | | | |
| 1388987_at | Siba1a | CTA alpha-N-acetylneuraminic alpha-2,8-sialyltransferase 1 | 2280 | Rn.10590 | US3883 | 2.32 | 2.32 | 2.34 | 2.32 | 2.32 | 2.32 | 1.00 | down | 6.87E-01 | 9.04E-01 | - | - | | | |
| 1388843_at | Bid2 | Bromodomain containing 2 | 294276 | Rn.98146 | AS564346 | 2.28 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 4.95E-01 | 8.95E-01 | - | - | | | |
| 1389871_at | LOC58103 | retinoid 4 receptor | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1389293_at | Rtr4r | retinoid 4 receptor | 113912 | Rn.45698 | NM_038113 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 2.44 | 1.00 | down | 6.86E-01 | 8.95E-01 | - | - | | | |
| 1388139_at | LOC1311993 | hypothetical LOC1311993 | 315072 | Rn.46772 | AW528104 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 5.10E-01 | 8.95E-01 | - | - | | | |
| 1388064_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1388141_at | Bv3 | brain protein I3 | 304284 | Rn.21605 | BF393636 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.00 | down | 5.61E-01 | 8.95E-01 | - | - | | | |
| 1394763_at | Hachd | Hydroxyacyl-Coenzyme A dehydrogenase 3-oxoacyl-Coenzyme A thioesterase 2 | 170970 | Rn.3340 | AW528104 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 4.65E-01 | 8.95E-01 | - | - | | | |
| 1374482_at | Magn2d2 | metal ion-dependent protein kinase B interacting protein 2 | 304284 | Rn.71700 | AW528104 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 4.65E-01 | 8.95E-01 | - | - | | | |
| 1370116_at | Nei2 | NEL-like 2 (chicken) | 81734 | Rn.11567 | NM_031070 | 2.28 | 2.27 | 2.29 | 2.27 | 2.28 | 2.27 | 1.00 | down | 5.79E-01 | 8.95E-01 | - | - | | | |
| 1394624_at | annexin A9 | annexin A9 | 698330 | Rn.206538 | AW528077 | 2.39 | 2.38 | 2.40 | 2.39 | 2.39 | 2.38 | 1.00 | down | 6.08E-01 | 8.95E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF405181 | 2.42 | 2.41 | 2.45 | 2.42 | 2.44 | 2.41 | 1.00 | down | 7.77E-01 | 9.28E-01 | - | - | | | |
| 1395996_at | LOC58104 | hypothetical LOC58104 | 113912 | Rn.210583 | BF | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | SEPS (CP) | SEPA (CP) | SEP (CP) | SEPP (CP) | SEPB (CP) | SEPC (CP) | SEPD (CP) | SEPE (CP) | SEPF (CP) | SEPG (CP) | FCMhouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------------------------------|----------------------|-----|-----|
| 1383005 | --- | --- | --- | --- | GG66454 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 1.00 | down | 5.94E-01 | 8.95E-01 | --- | --- | |
| 1387603 | Ki2c2 | killer cell lectin-like receptor subfamily C, member 2 | 29084 | Rn.5894 | NM_192691 | 2.32 | 2.31 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 2.32 | 1.00 | down | 7.95E-01 | 9.16E-01 | --- | --- | |
| 1388951 | Sema3f | Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, Ig-like cysteine receptor 4 | 31919 | Rn.19702 | AW54519 | 2.28 | 2.28 | 2.27 | 2.29 | 2.27 | 2.28 | 2.27 | 2.29 | 2.28 | 1.00 | down | 6.91E-01 | 8.95E-01 | --- | --- | |
| 1371771 | Ov16 | lysine receptor 4 | 135996 | Rn.20516 | BF417256 | 2.26 | 2.25 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.18E-01 | 8.95E-01 | --- | --- | |
| 1394622 | Nags | N-acetylglutamate synthase | 303563 | Rn.15404 | AW12605 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.28 | 2.27 | 2.27 | 2.28 | 1.00 | down | 5.30E-01 | 8.95E-01 | --- | --- | |
| 1385627 | LOC690206 | hypothetical protein LOC690206 | 690206 | --- | BF401766 | 2.37 | 2.36 | 2.38 | 2.37 | 2.37 | 2.37 | 2.37 | 2.35 | 2.36 | 1.00 | down | 7.19E-01 | 9.11E-01 | --- | --- | |
| 1378174 | Znf3c3 | zinc finger protein, zinc finger, CH1-type containing 14 | 429014 | Rn.18327 | BQ26566 | 2.43 | 2.43 | 2.47 | 2.44 | 2.44 | 2.46 | 2.43 | 2.40 | 2.41 | 1.00 | up | 8.41E-01 | 9.95E-01 | --- | --- | |
| 1393147 | LOC690206 | hypothetical protein LOC690206 | 690206 | --- | BE115879 | 2.76 | 2.70 | 2.88 | 2.91 | 2.78 | 2.64 | 2.64 | 2.61 | 2.60 | 1.00 | down | 9.73E-01 | 9.92E-01 | --- | --- | |
| 1372892 | LOC690206 | hypothetical protein LOC690206 | 690206 | --- | AW53569 | 2.31 | 2.31 | 2.33 | 2.31 | 2.32 | 2.30 | 2.30 | 2.29 | 2.29 | 1.00 | down | 6.42E-01 | 8.95E-01 | --- | --- | |
| 1398663 | --- | --- | --- | --- | Rn.18327 | BQ26566 | 2.43 | 2.43 | 2.47 | 2.44 | 2.46 | 2.43 | 2.40 | 2.41 | 1.00 | up | 8.41E-01 | 9.95E-01 | --- | --- | |
| 1398755 | --- | --- | --- | --- | Rn.20833 | BE115879 | 2.76 | 2.70 | 2.88 | 2.91 | 2.78 | 2.64 | 2.61 | 2.60 | 1.00 | down | 9.73E-01 | 9.92E-01 | --- | --- | |
| 1398922 | --- | --- | --- | --- | Rn.20861 | AW53569 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 2.30 | 2.29 | 1.00 | down | 5.36E-01 | 8.95E-01 | --- | --- | |
| 1394799 | --- | --- | --- | --- | Rn.15715 | BF39274 | 2.52 | 2.52 | 2.52 | 2.52 | 2.55 | 2.51 | 2.51 | 2.51 | 1.00 | down | 7.81E-01 | 9.95E-01 | --- | --- | |
| 1389942 | --- | --- | --- | --- | Rn.20562 | AW53569 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 2.30 | 2.29 | 1.00 | down | 5.36E-01 | 8.95E-01 | --- | --- | |
| 1371522 | Sox3 | suppressor of cytokine signaling 3 | 252971 | Rn.62754 | BF100794 | 2.28 | 2.28 | 2.29 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 4.57E-01 | 8.95E-01 | --- | --- | |
| 1385612 | Hdac10 | histone deacetylase 10 | 361261 | Rn.208137 | BE110833 | 2.41 | 2.40 | 2.42 | 2.41 | 2.42 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 6.65E-01 | 8.95E-01 | --- | --- | |
| 1389553 | Rhm2d | RH domain containing 2 | 362894 | Rn.203526 | BF387612 | 2.42 | 2.40 | 2.43 | 2.41 | 2.43 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 7.94E-01 | 9.34E-01 | --- | --- | |
| 1382096 | --- | --- | --- | --- | AW53569 | 2.31 | 2.30 | 2.31 | 2.31 | 2.31 | 2.31 | 2.30 | 2.30 | 2.30 | 1.00 | down | 3.22E-01 | 8.95E-01 | --- | --- | |
| 1391596 | --- | --- | --- | --- | BE110280 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 8.77E-01 | 9.92E-01 | --- | --- | |
| 1385100 | LOC691928 | similar to Stabin-2 precursor (hyaluronan receptor for endocytosis) // stabin2 | 691928 | Rn.162391 | BF401567 | 2.30 | 2.29 | 2.31 | 2.30 | 2.30 | 2.30 | 2.29 | 2.29 | 2.29 | 1.00 | down | 6.65E-01 | 8.95E-01 | --- | --- | |
| 1397524 | --- | --- | --- | --- | Rn.46800 | AW53569 | 2.39 | 2.39 | 2.40 | 2.39 | 2.40 | 2.38 | 2.38 | 2.38 | 1.00 | down | 6.37E-01 | 8.95E-01 | --- | --- | |
| 1391901 | RGD1563109 | actin-like 6B | 499586 | Rn.203239 | BE110813 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 2.30 | 1.00 | down | 4.39E-01 | 8.95E-01 | --- | --- | |
| 1382028 | Acr6b | actin-like 6B | 286563 | Rn.44972 | BF101712 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- | |
| 1383773 | Scap5 | synaptosomal-associated protein 25 | 25012 | Rn.107688 | NM_020891 | 2.33 | 2.31 | 2.33 | 2.31 | 2.35 | 2.31 | 2.31 | 2.31 | 2.31 | 1.00 | up | 8.17E-01 | 9.41E-01 | --- | --- | |
| 1395453 | Scp2 | synaptosomal-associated protein 25 | 362398 | --- | BF17562 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.29 | 2.27 | 2.27 | 2.27 | 1.00 | down | 6.43E-01 | 8.95E-01 | --- | --- | |
| 1386869 | Prkg | protein kinase C, gamma | 245481 | Rn.9747 | NM_012628 | 2.27 | 2.26 | 2.28 | 2.27 | 2.27 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.37E-01 | 8.95E-01 | --- | --- | |
| 1382321 | Agap2 | arabidopsis growth factor 2 | 25239 | Rn.107688 | BF17562 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.29 | 2.27 | 2.27 | 2.27 | 1.00 | down | 6.43E-01 | 8.95E-01 | --- | --- | |
| 1386900 | Hey1 | Hairy/enhancer-of-split related with YRPW motif 1 | 154837 | Rn.98202 | BF17562 | 2.27 | 2.26 | 2.28 | 2.27 | 2.27 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.37E-01 | 8.95E-01 | --- | --- | |
| 1389901 | Tubb3 | tubulin, beta 3 | 246118 | Rn.43598 | NM_139254 | 2.35 | 2.34 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 6.29E-01 | 8.95E-01 | --- | --- | |
| 1371165_x_at | Rho4d | RTPase, Cdc42+ transporting, ubiquitous | 25391 | Rn.98202 | BF428229 | 2.25 | 2.24 | 2.25 | 2.24 | 2.25 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 6.22E-01 | 8.95E-01 | --- | --- | |
| 1387750_x_at | Rho4d | transforming growth factor beta 1 | 29332 | Rn.144519 | BQ26566 | 2.43 | 2.42 | 2.47 | 2.41 | 2.44 | 2.43 | 2.43 | 2.43 | 2.43 | 1.00 | down | 8.63E-01 | 9.95E-01 | --- | --- | |
| 1382865 | Tsg14 | testis specific 14 | 500049 | Rn.162740 | BM30958 | 2.48 | 2.48 | 2.48 | 2.47 | 2.50 | 2.47 | 2.47 | 2.47 | 2.47 | 1.00 | up | 7.63E-01 | 9.23E-01 | --- | --- | |
| 1385435 | Slc35a3 | solute carrier family 35 (proton/sodium antiporter), member 3 | 303148 | Rn.79599 | BF102829 | 2.37 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 6.89E-01 | 9.04E-01 | --- | --- | |
| 1384051 | --- | --- | --- | --- | BE110280 | 2.34 | 2.32 | 2.34 | 2.33 | 2.34 | 2.33 | 2.33 | 2.33 | 2.33 | 1.00 | down | 6.58E-01 | 8.97E-01 | --- | --- | |
| 1390340 | --- | --- | --- | --- | BF390656 | 2.39 | 2.38 | 2.40 | 2.39 | 2.40 | 2.39 | 2.39 | 2.39 | 2.39 | 1.00 | down | 7.45E-01 | 9.95E-01 | --- | --- | |
| 1393787 | Cid1 | nuclear DNA binding protein | 288910 | Rn.102096 | AA601254 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 2.41 | 2.41 | 2.41 | 2.41 | 1.00 | down | 4.13E-01 | 8.95E-01 | --- | --- | |
| 1390440 | Abcg9 | ATP-binding cassette, sub-family G (WHITE), member 9 | 155152 | Rn.161892 | NM_130414 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 2.33 | 2.33 | 2.33 | 1.00 | down | 6.62E-01 | 8.98E-01 | --- | --- | |
| 1381485 | LOC691928 | similar to vesicular serine protease 2 | 691928 | --- | BF417256 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- | |
| 1380882 | --- | --- | --- | --- | Rn.209782 | BF102829 | 2.49 | 2.48 | 2.49 | 2.48 | 2.49 | 2.48 | 2.48 | 2.48 | 1.00 | down | 6.95E-01 | 8.95E-01 | --- | --- | |
| 1382539 | Ankrd28 | ankyrin repeat domain 28 | 25239 | Rn.107688 | BF390656 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 5.61E-01 | 8.95E-01 | --- | --- | |
| 1379755 | Ankrd28 | ankyrin repeat domain 28 | 312687 | Rn.198700 | BF390656 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 5.61E-01 | 8.95E-01 | --- | --- | |
| 1370959_x_at | Slit8 | suppression of tumorigenicity 18 | 266880 | Rn.91311 | AF031842 | 2.26 | 2.25 | 2.26 | 2.25 | 2.26 | 2.25 | 2.25 | 2.25 | 2.25 | 1.00 | down | 5.36E-01 | 8.95E-01 | --- | --- | |
| 1389164 | Trop4 | transient receptor potential cation channel, subfamily C, member 4 | 84484 | Rn.10683 | BF428229 | 2.45 | 2.44 | 2.47 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 2.46 | 1.00 | up | 8.45E-01 | 9.95E-01 | --- | --- | |
| 138221 | Mm2d | monocyte to macrophage differentiation-associated 2 | 304301 | Rn.154557 | BQ26566 | 2.44 | 2.44 | 2.45 | 2.44 | 2.45 | 2.44 | 2.44 | 2.44 | 2.44 | 1.00 | down | 6.07E-01 | 9.04E-01 | --- | --- | |
| 1385654 | Snf1h | serpinidomains and oncogenesis specific basic helix-loop-helix 1 | 432095 | Rn.43678 | AW53569 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 5.07E-01 | 8.95E-01 | --- | --- | |
| 1389330 | Mm2d | transmembrane and coiled-coil domain 5A | 499895 | Rn.16293 | BE119379 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.07E-01 | 8.95E-01 | --- | --- | |
| 1392248 | LOC691928 | similar to vesicular serine protease 2 | 691928 | --- | BF417256 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 5.82E-01 | 8.95E-01 | --- | --- | |
| 1386901 | Slc6a3 | solute carrier family 6 (neurotransmitter transporter, dopamine), member 3 | 24888 | Rn.10093 | MF02333 | 2.35 | 2.35 | 2.36 | 2.35 | 2.37 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 7.11E-01 | 9.10E-01 | --- | --- | |
| 1392002 | Pcdh22 | protodermalin beta 22 | 370486 | --- | AA117922 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 2.38 | 2.38 | 2.38 | 1.00 | up | 5.06E-01 | 8.95E-01 | --- | --- | |
| 1389010 | --- | --- | --- | --- | BF403035 | 2.41 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 6.45E-01 | 8.95E-01 | --- | --- | |
| 1397732 | --- | --- | --- | --- | BF408724 | 2.25 | 2.24 | 2.25 | 2.24 | 2.25 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 5.38E-01 | 8.95E-01 | --- | --- | |
| 1379340 | --- | --- | --- | --- | BA65345 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 7.38E-01 | 9.95E-01 | --- | --- | |
| 1396623 | Morp2 | morphine related protein 2 | 64548 | Rn.127787 | NM_022613 | 2.28 | 2.28 | 2.29 | 2.28 | 2.28 | 2.28 | 2.27 | 2.27 | 2.27 | 1.00 | down | 5.08E-01 | 8.95E-01 | --- | --- | |
| 1390960 | Tbx2 | T-box 2 | 300398 | Rn.38282 | BE105996 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 6.72E-01 | 9.01E-01 | --- | --- | |
| 1379410 | Acy1 | adenylyl cyclase activating polypeptide 1 (putative) receptor type I | 24167 | Rn.89248 | D154948 | 2 | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA (Intensity) (log2) | | | | | | | | | | FC/MSouse | Resouces | Unpaired t-test vs CH1 (p-value) | CH1 vs CH2 (p-value) | REG | MTC |
|-------------|--------------------|---|--------------|------------|-----------|-------------------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (CH1) | SEPA (CH1) | SEB (CH1) | SEPC (CH1) | SEPD (CH1) | SEPE (CH1) | SEPF (CH1) | SEPG (CH1) | SEPH (CH1) | SEPI (CH1) | | | | | | |
| 137916.1 | --- | --- | --- | --- | --- | BF412694 | 2.46 | 2.45 | 2.46 | 2.45 | 2.44 | 2.44 | 1.00 | down | 6.37E-01 | 8.95E-01 | --- | --- | | | |
| 137917.1 | Men1 | multiple endocrine neoplasia 1 | 29417 | Rn.6775 | AI101928 | 2.72 | 2.61 | 2.61 | 2.61 | 2.60 | 2.62 | 2.64 | 1.00 | up | 8.77E-01 | 9.93E-01 | --- | --- | | | |
| 138029.0 | --- | --- | --- | --- | --- | AD13214 | 2.42 | 2.40 | 2.41 | 2.41 | 2.42 | 2.41 | 1.00 | down | 8.47E-01 | 8.95E-01 | --- | --- | | | |
| 138373.0 | --- | --- | --- | --- | --- | A139301 | 2.24 | 2.24 | 2.24 | 2.25 | 2.25 | 2.23 | 1.00 | down | 5.47E-01 | 8.95E-01 | --- | --- | | | |
| 138379.0 | Li1 | Li1 homolog (mouse) like | 406777 | Rn.42532 | AF06667 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 1.00 | down | 4.41E-01 | 8.95E-01 | --- | --- | | | |
| 137860.0 | --- | --- | --- | --- | --- | Rn.153604 | AW52712 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 6.81E-01 | 9.03E-01 | --- | --- | | |
| 137125.0 | Ki2a | kinasin family member 2A | 84391 | Rn.218992 | BF564995 | 2.43 | 2.43 | 2.43 | 2.44 | 2.43 | 2.43 | 2.42 | 1.00 | down | 4.65E-01 | 8.95E-01 | --- | --- | | | |
| 137872.0 | --- | --- | --- | --- | --- | Rn.218992 | BF564995 | 2.43 | 2.43 | 2.43 | 2.44 | 2.43 | 2.42 | 1.00 | down | 5.00E-01 | 9.05E-01 | --- | --- | | |
| 138147.0 | Srk2 | sidekick homolog 2 (chicken) | 360852 | Rn.49209 | BE108787 | 2.46 | 2.46 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 1.00 | down | 5.22E-01 | 8.95E-01 | --- | --- | | | |
| 138697.0 | Fg22 | fibroganglion growth factor 22 | 170579 | Rn.186779 | NM_130707 | 2.30 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 2.30 | 1.00 | down | 5.74E-01 | 8.95E-01 | --- | --- | | | |
| 138680.0 | Pf044 | fibronectin homology domain, family A, member 1 | 38360 | Rn.40778 | NM_137180 | 3.04 | 3.03 | 3.04 | 3.04 | 3.04 | 3.05 | 3.04 | 1.00 | down | 5.84E-01 | 8.95E-01 | --- | --- | | | |
| 137831.0 | Mesod2 | Mesoderm development candidate 2 | 308796 | Rn.41045 | AW70316 | 2.35 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 6.01E-01 | 8.95E-01 | --- | --- | | | |
| 138943.0 | Rnase11 // Rnase11 | ribonuclease, Rnase A family 11 (non-active) // ribonuclease, Rnase A family 36 | 364000/49765 | Rn.51424 | BE110332 | 2.21 | 2.30 | 2.32 | 2.31 | 2.32 | 2.30 | 2.30 | 1.00 | down | 6.62E-01 | 8.95E-01 | --- | --- | | | |
| 137844.0 | --- | --- | --- | --- | --- | Rn.158139 | BM385137 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.28 | 1.00 | down | 5.38E-01 | 8.95E-01 | --- | --- | | |
| 137897.0 | Pog7 | processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae) | 289564 | Rn.16344 | AI102889 | 5.38 | 5.78 | 5.44 | 5.55 | 5.59 | 5.48 | 5.48 | 1.00 | up | 9.81E-01 | 9.94E-01 | --- | --- | | | |
| 138485.0 | RCO1965482 | RCO1965482 | 201635 | Rn.16374 | AI102889 | 2.33 | 2.33 | 2.34 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 7.05E-01 | 9.08E-01 | --- | --- | | | |
| 138913.0 | Sic18a2 | solute carrier family 18 (vesicular monoamine), member 2 | 25549 | Rn.9898 | M7381 | 2.29 | 2.28 | 2.29 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 5.21E-01 | 8.95E-01 | --- | --- | | | |
| 138850.0 | --- | --- | --- | --- | --- | Rn.206502 | BF412694 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 1.00 | down | 6.95E-01 | 9.06E-01 | --- | --- | | |
| 137079.1 | Olf1361 | olfactory receptor 1361 | 287000 | Rn.44381 | M64377 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.27 | 2.27 | 1.00 | down | 6.03E-01 | 8.95E-01 | --- | --- | | | |
| 139149.0 | --- | --- | --- | --- | --- | Rn.207865 | BF394332 | 2.26 | 2.25 | 2.27 | 2.26 | 2.26 | 2.26 | 1.00 | down | 6.97E-01 | 8.95E-01 | --- | --- | | |
| 137270.0 | --- | --- | --- | --- | --- | Rn.21943 | AI102817 | 2.28 | 2.25 | 2.28 | 2.25 | 2.26 | 2.24 | 1.00 | down | 6.83E-01 | 8.95E-01 | --- | --- | | |
| 139705.0 | --- | --- | --- | --- | --- | Rn.208083 | BF393900 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 2.33 | 1.00 | down | 6.38E-01 | 8.95E-01 | --- | --- | | |
| 138970.0 | --- | --- | --- | --- | --- | Rn.49945 | BE108982 | 2.40 | 2.39 | 2.41 | 2.39 | 2.41 | 2.38 | 1.00 | down | 7.30E-01 | 9.14E-01 | --- | --- | | |
| 138970.0 | --- | --- | --- | --- | --- | Rn.209569 | BF392570 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.31 | 1.00 | down | 7.95E-01 | 9.11E-01 | --- | --- | | |
| 137849.0 | --- | --- | --- | --- | --- | Rn.210065 | BF392632 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.42E-01 | 8.95E-01 | --- | --- | | |
| 139207.0 | --- | --- | --- | --- | --- | Rn.176889 | BI269669 | 2.34 | 2.32 | 2.33 | 2.33 | 2.34 | 2.32 | 1.00 | down | 5.97E-01 | 8.95E-01 | --- | --- | | |
| 137959.0 | --- | --- | --- | --- | --- | Rn.166281 | AW142370 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 6.18E-01 | 8.95E-01 | --- | --- | | |
| 139193.0 | Cpn8s | cognin VIII | 362988 | Rn.11746 | AI059240 | 2.63 | 2.62 | 2.65 | 2.62 | 2.64 | 2.63 | 2.60 | 1.00 | down | 7.56E-01 | 9.20E-01 | --- | --- | | | |
| 137435.0 | Myo9c1 | myosin binding protein C, slow type | 362987 | Rn.91573 | BM389819 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 2.29 | 1.00 | down | 6.08E-01 | 8.95E-01 | --- | --- | | | |
| 138916.0 | F8 | coagulation factor VIII, procoagulant component | 302470 | Rn.95452 | BF522383 | 2.35 | 2.34 | 2.35 | 2.35 | 2.35 | 2.35 | 2.34 | 1.00 | down | 5.99E-01 | 8.95E-01 | --- | --- | | | |
| 138971.0 | Kcnk1 | potassium voltage-gated channel, subfamily G, member 1 | 84020 | Rn.87379 | NM_132073 | 2.42 | 2.40 | 2.44 | 2.41 | 2.43 | 2.40 | 2.40 | 1.00 | down | 8.24E-01 | 9.40E-01 | --- | --- | | | |
| 137714.1 | Sic25a2 | solute carrier family 25, member 27 | 82862 | Rn.16243 | AI320124 | 2.27 | 2.24 | 2.29 | 2.25 | 2.25 | 2.34 | 2.33 | 1.00 | down | 6.78E-01 | 8.95E-01 | --- | --- | | | |
| 138788.0 | Hw1 | 5-hydroxytryptamine (serotonin) receptor 6 | 64354 | Rn.103552 | LX3022 | 2.29 | 2.28 | 2.30 | 2.29 | 2.30 | 2.28 | 2.28 | 1.00 | down | 5.74E-01 | 8.95E-01 | --- | --- | | | |
| 138788.0 | Hw1 | 5-hydroxytryptamine (serotonin) receptor 6 | 64354 | Rn.103552 | LX3022 | 2.29 | 2.28 | 2.30 | 2.29 | 2.30 | 2.28 | 2.28 | 1.00 | down | 5.74E-01 | 8.95E-01 | --- | --- | | | |
| 139175.0 | ApoB | apolipoprotein B (including ApoX antigen) | 42459 | Rn.42459 | AI174934 | 2.26 | 2.24 | 2.26 | 2.26 | 2.26 | 2.26 | 2.25 | 1.00 | down | 6.41E-01 | 8.95E-01 | --- | --- | | | |
| 139175.0 | ApoB | apolipoprotein B (including ApoX antigen) | 42459 | Rn.42459 | AI174934 | 2.26 | 2.24 | 2.26 | 2.26 | 2.26 | 2.26 | 2.25 | 1.00 | down | 6.41E-01 | 8.95E-01 | --- | --- | | | |
| 137574.0 | LOC598919 | similar to nuclear receptor interacting protein 2 | 698919 | Rn.200630 | AW524548 | 2.33 | 2.32 | 2.33 | 2.32 | 2.33 | 2.31 | 2.31 | 1.00 | down | 6.20E-01 | 8.95E-01 | --- | --- | | | |
| 138463.0 | Znfx2 | Zn ²⁺ binding alcohol dehydrogenase, domain containing 2 | 291403 | Rn.12321 | BM390024 | 2.37 | 2.36 | 2.38 | 2.37 | 2.37 | 2.36 | 2.36 | 1.00 | down | 4.83E-01 | 8.95E-01 | --- | --- | | | |
| 138515.0 | EphA8 | Eph receptor A8 | 60589 | Rn.62894 | BE109269 | 2.32 | 2.31 | 2.32 | 2.32 | 2.32 | 2.31 | 2.31 | 1.00 | down | 6.97E-01 | 8.95E-01 | --- | --- | | | |
| 138515.0 | Tmem8 | transmembrane protein 8 (five membrane-spanning domains) | 303004 | Rn.21890 | BF405124 | 2.28 | 2.28 | 2.29 | 2.29 | 2.31 | 2.29 | 2.28 | 1.00 | up | 8.55E-01 | 9.55E-01 | --- | --- | | | |
| 137914.0 | --- | --- | --- | --- | --- | Rn.137898 | BI291332 | 2.35 | 2.34 | 2.36 | 2.34 | 2.36 | 2.33 | 1.00 | down | 7.55E-01 | 9.20E-01 | --- | --- | | |
| 137430.0 | --- | --- | --- | --- | --- | Rn.145123 | BF404342 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.30 | 1.00 | down | 6.81E-01 | 8.95E-01 | --- | --- | | |
| 138134.0 | Parv1 | parvin, beta | 362973 | Rn.16709 | BE109825 | 2.41 | 2.40 | 2.42 | 2.40 | 2.42 | 2.40 | 2.40 | 1.00 | down | 6.65E-01 | 8.99E-01 | --- | --- | | | |
| 138121.0 | LOC5111300 | similar to T cell receptor V delta 6 | 364378 | Rn.106524 | AI012549 | 2.43 | 2.42 | 2.44 | 2.43 | 2.43 | 2.46 | 2.40 | 1.00 | down | 6.86E-01 | 9.58E-01 | --- | --- | | | |
| 138024.0 | --- | --- | --- | --- | --- | Rn.199392 | BF281250 | 2.37 | 2.37 | 2.38 | 2.38 | 2.38 | 2.38 | 1.00 | down | 7.81E-01 | 9.58E-01 | --- | --- | | |
| 137407.0 | Ahp117 | Rho guanine nucleotide exchange factor (GEF) 17 | 308882 | Rn.108956 | BI274338 | 2.40 | 2.42 | 2.44 | 2.43 | 2.43 | 2.45 | 2.40 | 1.00 | up | 8.45E-01 | 9.52E-01 | --- | --- | | | |
| 138479.0 | Ki23 | heparin 23 (histamine decarboxylase inducible) | 287079 | Rn.137768 | AI052703 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.33 | 2.33 | 1.00 | down | 7.45E-01 | 9.18E-01 | --- | --- | | | |
| 1391408_a_4 | LOC584996 | similar to chromogranin 7 open reading frame 11 | 684996 | Rn.30 | AA817533 | 2.37 | 2.36 | 2.38 | 2.36 | 2.38 | 2.38 | 2.38 | 1.00 | up | 6.30E-01 | 8.95E-01 | --- | --- | | | |
| 138943.0 | Dmt1p1 | Deoxyribonucleotidyltransferase, terminal, interacting protein 1 | 171437 | Rn.82702 | NM_134400 | 2.44 | 2.43 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 1.00 | up | 6.53E-01 | 8.97E-01 | --- | --- | | | |
| 138943.0 | Dmt1p1 | Deoxyribonucleotidyltransferase, terminal, interacting protein 1 | 171437 | Rn.82702 | NM_134400 | 2.44 | 2.43 | 2.45 | 2.44 | 2.45 | 2.45 | 2.45 | 1.00 | up | 6.53E-01 | 8.97E-01 | --- | --- | | | |
| 138905.0 | Itp3 | inositol 1,4,5-trisphosphate receptor, type 3 | 25879 | Rn.11242 | NM_013138 | 2.33 | 2.32 | 2.33 | 2.33 | 2.34 | 2.34 | 2.34 | 1.00 | up | 7.40E-01 | 9.16E-01 | --- | --- | | | |
| 138741.0 | Karp1b | Ki channel interacting protein 3, calcium | 65189 | Rn.74238 | NM_010482 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 6.08E-01 | 8.95E-01 | --- | --- | | | |
| 137953.0 | Alp31 | ATFS3(ATPase family 3, member 27) | 361436 | Rn.41391 | AI75295 | 3.14 | 3.43 | 3.43 | 3.43 | 3.43 | 3.43 | 3.43 | 1.00 | down | 9.87E-01 | 9.95E-01 | --- | --- | | | |
| 137975.0 | Hpc4a | Hpc4a-like 4 | 50872 | Rn.34529 | BI296903 | 2.33 | 2.33 | 2.34 | 2.33 | 2.34 | 2.34 | 2.34 | 1.00 | down | 6.93E-01 | 8.95E-01 | --- | --- | | | |
| 138299.0 | Itr1 | ITR1-interacting factor | 294737 | Rn.66333 | AD716929 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 1.00 | down | 6.93E-01 | 8.95E-01 | --- | --- | | | |
| 137358.0 | --- | --- | --- | --- | --- | Rn.209330 | BF406151 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 6.37E-01 | 8.95E-01 | --- | --- | | |
| 139126.0 | --- | --- | --- | --- | --- | Rn.57880 | BF384425 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 6.07E-01 | 8.95E-01 | --- | --- | | |
| 137320.0 | --- | --- | --- | --- | --- | Rn.19397 | AI170292 | 2.38 | 2.35 | 2.37 | 2.37 | 2.37 | 2.37 | 1.00 | down | 6.01E-01 | 8.95E-01 | --- | --- | | |
| 138894.0 | Pap11 | pregnancy-specific beta 1-glycoprotein | 59313 | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGeneID | Public ID | GCRMA Intensities (log2) | | | | | | | | | | FC/Abundance | Resuspension | Unpaired t-test (vs vs CH) (p-values) | | REG | MTC |
|------------|-------------|---|---------|------------|-----------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|---------------------------------------|-----------|-----|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEP1 (Ch) | SEPC (Ch) | SEPD (Ch) | SEPE (Ch) | SEPF (Ch) | SEPG (Ch) | SEPH (Ch) | SEPI (Ch) | | | SEPJ (Ch) | SEPK (Ch) | | |
| 1391013 | Poch2 | Protocadherin 8 | 64865 | Rn.23337 | AW523567 | 2.46 | 2.43 | 2.51 | 2.45 | 2.55 | 2.42 | 1.00 | up | 4.94E-01 | 9.85E-01 | - | - | | | | |
| 1375011 | Hand1 | heart and neural crest derivatives expressed 1 | 59112 | Rn.39340 | Bt263222 | 2.40 | 2.39 | 2.40 | 2.40 | 2.41 | 2.38 | 1.00 | down | 8.06E-01 | 9.38E-01 | - | - | | | | |
| 1369759 | Caesp2 | calcium channel, voltage-dependent, gamma subunit 2 | 64347 | Rn.72739 | NM_023234 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.35 | 1.00 | down | 8.48E-01 | 9.35E-01 | - | - | | | | |
| 1380451 | --- | --- | --- | Rn.204197 | AW915547 | 2.27 | 2.25 | 2.28 | 2.28 | 2.28 | 2.25 | 1.00 | down | 7.58E-01 | 9.21E-01 | - | - | | | | |
| 1370252 | --- | --- | --- | Rn.202525 | BF140239 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 5.44E-01 | 9.25E-01 | - | - | | | | |
| 1375475 | Mag3 | Membrane associated guanylate kinase, WW and PDZ domain containing 3 | 245903 | Rn.162823 | AJ555753 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 1.00 | down | 5.56E-01 | 9.95E-01 | - | - | | | | |
| 1387162 | Tpsab1 | thymine phosphoribosyl transferase alpha 1 | 54271 | Rn.106999 | NM_019322 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 1.00 | down | 6.06E-01 | 9.95E-01 | - | - | | | | |
| 1376370 | --- | --- | --- | Rn.207738 | BF026124 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 7.46E-01 | 9.10E-01 | - | - | | | | |
| 1370476 | Myo1b | myosin XVc | 192253 | Rn.207204 | AY042115 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 6.38E-01 | 9.85E-01 | - | - | | | | |
| 1372729 | Lbxcor1 | leucine-rich repeat (mouse) | 315748 | Rn.204800 | BF389292 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 6.42E-01 | 9.85E-01 | - | - | | | | |
| 1369542 | --- | --- | --- | Rn.204800 | BF285153 | 2.26 | 2.25 | 2.28 | 2.25 | 2.26 | 2.25 | 1.00 | down | 5.44E-01 | 9.95E-01 | - | - | | | | |
| 1374869 | --- | --- | --- | Rn.7551 | AA843361 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 6.48E-01 | 9.95E-01 | - | - | | | | |
| 1376880 | --- | --- | --- | Rn.38387 | BQ269597 | 2.46 | 2.44 | 2.46 | 2.44 | 2.45 | 2.45 | 1.00 | down | 6.30E-01 | 9.95E-01 | - | - | | | | |
| 1390191 | --- | --- | --- | Rn.24157 | AJ234119 | 2.26 | 2.28 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 6.30E-01 | 9.95E-01 | - | - | | | | |
| 1369587 | Ereg | epiregulin | 59326 | Rn.42287 | NM_021689 | 2.32 | 2.32 | 2.33 | 2.32 | 2.34 | 2.32 | 1.00 | up | 6.10E-01 | 9.95E-01 | - | - | | | | |
| 139116 | Mit1 | mitogen-activated protein kinase 1 homolog (Drosophila) | 220314 | Rn.100769 | AF189233 | 2.37 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 6.83E-01 | 9.95E-01 | - | - | | | | |
| 1391239 | --- | --- | --- | Rn.100769 | BF412928 | 2.23 | 2.23 | 2.23 | 2.23 | 2.23 | 2.23 | 1.00 | down | 5.01E-01 | 9.95E-01 | - | - | | | | |
| 1368690 | --- | --- | --- | Rn.206517 | AW529616 | 2.37 | 2.36 | 2.37 | 2.36 | 2.38 | 2.36 | 1.00 | down | 7.25E-01 | 9.13E-01 | - | - | | | | |
| 1394140 | Kif31 | keratin 31 | 450228 | Rn.129815 | AK53924 | 2.43 | 2.42 | 2.43 | 2.43 | 2.43 | 2.42 | 1.00 | down | 5.45E-01 | 9.95E-01 | - | - | | | | |
| 1396522 | --- | --- | --- | Rn.1495662 | BE113149 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.35 | 1.00 | up | 6.83E-01 | 9.03E-01 | - | - | | | | |
| 1376152 | --- | --- | --- | Rn.24615 | AA819316 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.36 | 1.00 | up | 7.35E-01 | 9.15E-01 | - | - | | | | |
| 1391580 | Trex2 | three prime repair exonuclease 2 | 309275 | Rn.63379 | BF418189 | 2.26 | 2.25 | 2.28 | 2.26 | 2.26 | 2.25 | 1.00 | down | 5.78E-01 | 9.85E-01 | - | - | | | | |
| 1391163 | --- | --- | --- | Rn.1495662 | BE113149 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.35 | 1.00 | up | 6.83E-01 | 9.03E-01 | - | - | | | | |
| 137004 | Gaba3a | GABA(A) receptor-associated protein | 58974 | Rn.8411 | AF161988 | 10.14 | 10.16 | 10.02 | 10.19 | 10.10 | 10.02 | 1.00 | down | 8.86E-01 | 9.17E-01 | - | - | | | | |
| 1370670 | Zfp37 | zinc finger protein 37 | 115788 | Rn.29978 | AF072439 | 2.51 | 2.51 | 2.52 | 2.51 | 2.52 | 2.50 | 1.00 | down | 6.80E-01 | 9.03E-01 | - | - | | | | |
| 1375227 | --- | --- | --- | Rn.172868 | BF416235 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.37 | 1.00 | down | 7.43E-01 | 9.17E-01 | - | - | | | | |
| 1394311 | Ptdm5 | PR domain containing 5 | 689788 | Rn.171343 | BE113314 | 2.24 | 2.23 | 2.24 | 2.24 | 2.24 | 2.23 | 1.00 | down | 6.07E-01 | 9.95E-01 | - | - | | | | |
| 1398917 | --- | --- | --- | Rn.61332 | BF404952 | 2.32 | 2.32 | 2.33 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.06E-01 | 9.95E-01 | - | - | | | | |
| 1376986 | --- | --- | --- | Rn.154054 | AW523838 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 6.86E-01 | 9.08E-01 | - | - | | | | |
| 1382532 | Ela3b | elastase 3B, pancreatic | 298567 | Rn.11639 | BF284283 | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 1.00 | down | 6.04E-01 | 9.95E-01 | - | - | | | | |
| 1372726 | --- | --- | --- | Rn.100769 | BQ269594 | 2.39 | 2.39 | 2.40 | 2.40 | 2.41 | 2.38 | 1.00 | up | 7.78E-01 | 9.28E-01 | - | - | | | | |
| 1387616 | Bcl2l1 | BCL2-like 1 (apoptosis facilitator) | 114552 | Rn.67084 | NM_053733 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1391260 | --- | --- | --- | Rn.100803 | BF389862 | 2.42 | 2.40 | 2.43 | 2.42 | 2.42 | 2.41 | 1.00 | up | 7.94E-01 | 9.34E-01 | - | - | | | | |
| 1371020 | --- | --- | --- | Rn.367000 | BQ216640 | 2.42 | 2.42 | 2.42 | 2.41 | 2.42 | 2.41 | 1.00 | down | 7.43E-01 | 9.17E-01 | - | - | | | | |
| 1382207 | --- | --- | --- | Rn.24014 | BE079055 | 2.39 | 2.38 | 2.40 | 2.39 | 2.39 | 2.38 | 1.00 | down | 6.38E-01 | 9.95E-01 | - | - | | | | |
| 1395888 | --- | --- | --- | Rn.27798 | AA371224 | 2.22 | 2.21 | 2.23 | 2.22 | 2.22 | 2.21 | 1.00 | down | 5.52E-01 | 9.95E-01 | - | - | | | | |
| 1376904 | Tmem15a | transmembrane protein 15A | 309158 | Rn.100997 | AY718115 | 2.29 | 2.30 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1380635 | --- | --- | --- | Rn.100997 | BQ276816 | 2.27 | 2.26 | 2.28 | 2.27 | 2.27 | 2.26 | 1.00 | down | 6.49E-01 | 9.95E-01 | - | - | | | | |
| 1392019 | --- | --- | --- | Rn.42884 | AF053719 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1398257 | Mog | myelin oligodendrocyte glycoprotein | 24558 | Rn.9687 | NM_022658 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.37 | 1.00 | down | 7.86E-01 | 9.31E-01 | - | - | | | | |
| 1395436 | --- | --- | --- | Rn.206726 | BF415556 | 2.35 | 2.34 | 2.36 | 2.34 | 2.36 | 2.34 | 1.00 | down | 7.65E-01 | 9.23E-01 | - | - | | | | |
| 1395224 | Cdh17 | cadherin 17 | 117048 | Rn.76726 | NM_022628 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 6.82E-01 | 9.95E-01 | - | - | | | | |
| 1389797 | --- | --- | --- | Rn.243 | MS8096 | 2.42 | 2.42 | 2.44 | 2.43 | 2.45 | 2.43 | 1.00 | up | 6.72E-01 | 9.01E-01 | - | - | | | | |
| 1376062 | --- | --- | --- | Rn.36184 | BF409695 | 2.49 | 2.47 | 2.44 | 2.47 | 2.48 | 2.44 | 1.00 | down | 8.84E-01 | 9.64E-01 | - | - | | | | |
| 1380002 | --- | --- | --- | Rn.24157 | AA454649 | 2.42 | 2.41 | 2.42 | 2.41 | 2.42 | 2.40 | 1.00 | down | 6.86E-01 | 9.95E-01 | - | - | | | | |
| 1387711 | Irf10 | interferon lambda 10 | 25325 | Rn.9888 | LN2928 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 6.18E-01 | 9.95E-01 | - | - | | | | |
| 1386909 | Flnksp | fluctuansinase 3-kinase-related protein | 303235 | Rn.137088 | BF416235 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1382511 | --- | --- | --- | Rn.165520 | AA988777 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.00 | down | 7.14E-01 | 9.10E-01 | - | - | | | | |
| 1378527 | LOC303590 | similar to cadxin CG1676-PA | 303590 | Rn.150607 | BF403857 | 2.36 | 2.35 | 2.36 | 2.35 | 2.37 | 2.35 | 1.00 | up | 7.25E-01 | 9.14E-01 | - | - | | | | |
| 1386909 | --- | --- | --- | Rn.150607 | BF403857 | 2.36 | 2.35 | 2.36 | 2.35 | 2.37 | 2.35 | 1.00 | up | 7.25E-01 | 9.14E-01 | - | - | | | | |
| 1378113 | --- | --- | --- | Rn.190071 | BE111288 | 2.54 | 2.54 | 2.55 | 2.54 | 2.55 | 2.53 | 1.00 | down | 5.82E-01 | 9.95E-01 | - | - | | | | |
| 1388484 | --- | --- | --- | Rn.190071 | BF389077 | 2.18 | 2.17 | 2.18 | 2.17 | 2.18 | 2.17 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1388635 | Plcd1 | pleckstrin domain containing 1 | 303055 | Rn.18110 | AK030941 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.34 | 1.00 | down | 6.13E-01 | 9.95E-01 | - | - | | | | |
| 1392555 | --- | --- | --- | Rn.149098 | AW529694 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.28 | 1.00 | down | 6.07E-01 | 9.95E-01 | - | - | | | | |
| 1396740 | --- | --- | --- | Rn.154086 | BF389292 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 6.38E-01 | 9.95E-01 | - | - | | | | |
| 1390533 | --- | --- | --- | Rn.51378 | BE112884 | 2.46 | 2.33 | 2.40 | 2.33 | 2.34 | 2.51 | 1.00 | down | 9.67E-01 | 9.90E-01 | - | - | | | | |
| 1370956 | --- | --- | --- | Rn.38387 | BF389077 | 2.37 | 2.36 | 2.39 | 2.37 | 2.38 | 2.36 | 1.00 | down | 7.53E-01 | 9.20E-01 | - | - | | | | |
| 1380072 | --- | --- | --- | Rn.134864 | BF389661 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1383794 | --- | --- | --- | Rn.163794 | AY572727 | 2.28 | 2.27 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 6.32E-01 | 9.95E-01 | - | - | | | | |
| 1372165 | --- | --- | --- | Rn.137461 | BF389046 | 2.32 | 2.33 | 2.34 | 2.32 | 2.33 | 2.33 | 1.00 | down | 4.47E-01 | 9.95E-01 | - | - | | | | |
| 1375151 | --- | --- | --- | Rn.63288 | BF389077 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 7.38E-01 | 9.16E-01 | - | - | | | | |
| 1397282 | --- | --- | --- | Rn.206815 | AW513767 | 2.30 | 2.31 | 2.32 | 2.31 | 2.31 | 2.31 | 1.00 | down | 4.94E-01 | 9.95E-01 | - | - | | | | |
| 1391303 | Kcnh9 | potassium voltage-gated channel, subfamily H1 (eag-related), member 6 | 116745 | Rn.103675 | NM_053912 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 6.11E-01 | 9.95E-01 | - | - | | | | |
| 1379426 | --- | --- | --- | Rn.204900 | AW16940 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 5.18E-0 | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test (vs. CH) (p-value) | REG | MTC |
|-------------|-------------|---|-----------|------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------------------------------|-----|-----|
| | | | | | | SEPS (Ch) | SEPA (Ch) | SEPB (Ch) | SEPC (Ch) | SEPD (Ch) | SEPE (Ch) | SEPF (Ch) | SEPG (Ch) | SEPH (Ch) | | | | | |
| 138176_at | Pik3c2b | phosphoinositide-3-kinase, class 2, beta polypeptide | 289021 | Rn.72591 | BE106801 | 2.41 | 2.39 | 2.41 | 2.39 | 2.40 | 2.39 | 1.00 | down | 6.06E-01 | 9.38E-01 | - | - | | |
| 138174_at | RDG156215 | phosphoinositide-3-kinase, class 2, beta polypeptide | 502024 | Rn.46644 | BF387271 | 2.31 | 2.30 | 2.27 | 2.31 | 2.31 | 2.30 | 1.00 | down | 6.79E-01 | 9.02E-01 | - | - | | |
| 138262_a_t | Avpr1b | arginine vasopressin receptor 1B | 29462 | Rn.10306 | BE101202 | 2.29 | 2.29 | 2.27 | 2.29 | 2.29 | 2.28 | 1.00 | down | 6.01E-01 | 9.02E-01 | - | - | | |
| 137785_at | Vgll1 | vesigial like 1 (Drosophila) | Rn.107784 | BE289790 | 2.44 | 2.42 | 2.44 | 2.43 | 2.45 | 2.41 | 1.00 | down | 8.37E-01 | 9.49E-01 | - | - | | | |
| 137932_at | Vasib2n | ... | 468399 | Rn.133422 | BE1044257 | 2.24 | 2.24 | 2.24 | 2.24 | 2.29 | 2.29 | 1.00 | down | 6.23E-01 | 9.28E-01 | - | - | | |
| 138020_at | Vsnr2 | ... | ... | Rn.169231 | AI013768 | 2.26 | 2.25 | 2.26 | 2.25 | 2.27 | 2.24 | 1.00 | down | 7.59E-01 | 9.21E-01 | - | - | | |
| 138218_a_t | Vsnr2 | ... | ... | Rn.169231 | AI013768 | 2.26 | 2.25 | 2.26 | 2.25 | 2.27 | 2.24 | 1.00 | down | 7.59E-01 | 9.21E-01 | - | - | | |
| 138218_x_at | Vsnr2 | ... | ... | Rn.169231 | AI013768 | 2.26 | 2.25 | 2.26 | 2.25 | 2.27 | 2.24 | 1.00 | down | 7.59E-01 | 9.21E-01 | - | - | | |
| 137795_at | Cav2 | caveolin 2 | 363425 | Rn.81070 | AI003385 | 2.53 | 2.49 | 2.59 | 2.53 | 2.61 | 2.48 | 1.00 | up | 9.54E-01 | 9.86E-01 | - | - | | |
| 137795_at | Lhfp4 | lipoma HMGIC fusion partner-like 4 | 353230 | Rn.145130 | AI005292 | 2.26 | 2.25 | 2.26 | 2.25 | 2.26 | 2.25 | 1.00 | down | 5.47E-01 | 8.85E-01 | - | - | | |
| 138464_at | Dhh | desert hedgehog homolog (Drosophila) | 84380 | Rn.198251 | AW629714 | 2.23 | 2.22 | 2.23 | 2.22 | 2.24 | 2.22 | 1.00 | down | 7.21E-01 | 9.11E-01 | - | - | | |
| 139404_at | ... | ... | ... | ... | BE100940 | 2.25 | 2.24 | 2.25 | 2.25 | 2.25 | 2.24 | 1.00 | down | 5.94E-01 | 8.95E-01 | - | - | | |
| 138524_at | Fam184a | family with sequence similarity 184, member A | 361853 | Rn.206410 | AG255689 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 5.82E-01 | 8.95E-01 | - | - | | |
| 137045_a_t | Cacna1c | calcium channel, voltage-dependent, L type, alpha 1C subunit | 24239 | Rn.9627 | M59786 | 2.44 | 2.43 | 2.46 | 2.44 | 2.45 | 2.43 | 1.00 | down | 6.06E-01 | 9.38E-01 | - | - | | |
| 138739_at | ... | ... | ... | ... | BF404277 | 2.32 | 2.32 | 2.32 | 2.32 | 2.33 | 2.32 | 1.00 | down | 5.24E-01 | 8.95E-01 | - | - | | |
| 138672_at | ... | ... | ... | ... | Rn.62857 | BF11657 | 2.46 | 2.43 | 2.47 | 2.45 | 2.46 | 1.00 | up | 8.34E-01 | 9.47E-01 | - | - | | |
| 138695_at | ... | ... | ... | ... | AF59497 | 2.33 | 2.32 | 2.36 | 2.33 | 2.34 | 2.32 | 1.00 | down | 6.88E-01 | 9.04E-01 | - | - | | |
| 138497_at | ... | ... | ... | ... | BF55486 | 2.49 | 2.47 | 2.53 | 2.48 | 2.57 | 2.45 | 1.00 | down | 9.49E-01 | 9.85E-01 | - | - | | |
| 138172_at | ... | ... | ... | ... | Rn.134723 | BF392468 | 2.48 | 2.43 | 2.51 | 2.45 | 2.51 | 2.46 | 1.00 | up | 9.26E-01 | 9.79E-01 | - | - | |
| 139354_at | Chn2 | chordin-like 2 | 398554 | Rn.78574 | BQ28469 | 2.75 | 2.74 | 2.87 | 2.74 | 2.73 | 2.80 | 1.00 | down | 9.69E-01 | 9.91E-01 | - | - | | |
| 137837_at | ... | ... | ... | ... | Rn.20376 | AW16093 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 2.40 | 1.00 | down | 7.23E-01 | 9.12E-01 | - | - | |
| 139949_at | Lmk1 | LIM domain kinase 1 | 65172 | Rn.11250 | NM_015727 | 2.32 | 2.31 | 2.32 | 2.31 | 2.32 | 2.31 | 1.00 | down | 4.76E-01 | 8.95E-01 | - | - | | |
| 137400_at | Thsp9 | thymosin alpha 9 | 20917 | Rn.81140 | AI169052 | 2.31 | 2.30 | 2.32 | 2.30 | 2.31 | 2.30 | 1.00 | down | 8.44E-01 | 9.35E-01 | - | - | | |
| 138873_at | Col9a1 | collagen, type IX, alpha 1 | 305104 | Rn.90728 | BM38861 | 2.35 | 2.34 | 2.36 | 2.35 | 2.37 | 2.34 | 1.00 | up | 7.95E-01 | 9.34E-01 | - | - | | |
| 139070_at | LOC211440 | ribose-phosphate pyrophosphokinase 1-like | 311440 | Rn.91470 | AI53212 | 2.51 | 2.52 | 2.57 | 2.53 | 2.54 | 2.50 | 1.00 | down | 8.00E-01 | 9.68E-01 | - | - | | |
| 1381425_at | ... | ... | ... | ... | AI44668 | 2.35 | 2.34 | 2.36 | 2.34 | 2.35 | 2.34 | 1.00 | down | 7.29E-01 | 9.14E-01 | - | - | | |
| 138964_at | ... | ... | ... | ... | Rn.166622 | AI575255 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.30 | 1.00 | down | 6.75E-01 | 9.01E-01 | - | - | |
| 138713_a_t | Gck | glucokinase | 24385 | Rn.10447 | AI12585 | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 7.65E-01 | 9.28E-01 | - | - | | |
| 138453_at | ... | ... | ... | ... | Rn.203901 | AI028838 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 7.03E-01 | 9.07E-01 | - | - | |
| 137869_at | ... | ... | ... | ... | Rn.171730 | BF41332 | 2.28 | 2.28 | 2.27 | 2.28 | 2.27 | 2.26 | 1.00 | down | 5.72E-01 | 8.95E-01 | - | - | |
| 1393849_at | ... | ... | ... | ... | Rn.140305 | AW521149 | 2.29 | 2.28 | 2.29 | 2.28 | 2.27 | 2.28 | 1.00 | down | 6.84E-01 | 9.14E-01 | - | - | |
| 139505_at | ... | ... | ... | ... | AI176817 | 2.25 | 2.26 | 2.29 | 2.28 | 2.30 | 2.27 | 1.00 | down | 7.24E-01 | 9.13E-01 | - | - | | |
| 138021_at | ... | ... | ... | ... | Rn.106250 | BE106250 | 2.25 | 2.24 | 2.26 | 2.25 | 2.24 | 2.25 | 1.00 | down | 6.11E-01 | 8.95E-01 | - | - | |
| 138101_at | ... | ... | ... | ... | BF147811 | 2.29 | 2.28 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 6.99E-01 | 9.07E-01 | - | - | | |
| 137790_at | Doc6 | dedicator of cytokinesis 6 | 367039 | Rn.22443 | AI102881 | 2.64 | 2.63 | 2.69 | 2.64 | 2.72 | 2.61 | 1.00 | up | 9.45E-01 | 9.84E-01 | - | - | | |
| 138765_at | Scn1b | navy avenger receptor class B, member 1 | 25073 | Rn.88169 | NM_015141 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.24 | 1.00 | down | 6.29E-01 | 9.02E-01 | - | - | | |
| 138481_at | OC38502 | actin, gamma 1 // similar to actin, gamma 2, smooth muscle, enteric // similar to | Rn.168875 | BE100511 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.27 | 2.26 | 1.00 | down | 4.70E-01 | 8.95E-01 | - | - | | |
| 1375134_at | Dot1 | DOT1 and DDB1 associated 1 | 68813 | Rn.86998 | BE100511 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 5.11E-01 | 9.14E-01 | - | - | | |
| 1396414_at | ... | ... | ... | ... | BF390501 | 2.23 | 2.23 | 2.24 | 2.23 | 2.24 | 2.23 | 1.00 | down | 4.79E-01 | 8.95E-01 | - | - | | |
| 1396229_at | Fkbp1a | FK506 binding protein 1a | 25639 | Rn.80011 | AI989372 | 8.51 | 8.02 | 8.04 | 7.71 | 8.44 | 8.42 | 1.00 | up | 9.93E-01 | 9.98E-01 | - | - | | |
| 138792_at | Pat3 | patrolin arginine deaminase, type III | Rn.32094 | NM_017234 | NM_017234 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.33 | 1.00 | down | 6.37E-01 | 9.07E-01 | - | - | | |
| 139191_at | Myl7 | myosin light chain 7, non-muscle, ventricular | 360258 | Rn.1226 | BE100335 | 2.38 | 2.37 | 2.40 | 2.38 | 2.40 | 2.38 | 1.00 | up | 7.88E-01 | 9.31E-01 | - | - | | |
| 138825_at | Cpz | carboxypeptidase Z | 83575 | Rn.11056 | NM_013768 | 2.28 | 2.28 | 2.29 | 2.28 | 2.28 | 2.28 | 1.00 | down | 5.08E-01 | 8.95E-01 | - | - | | |
| 138053_at | ... | ... | ... | ... | AW52469 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.84E-01 | 9.14E-01 | - | - | | |
| 138873_at | ... | ... | ... | ... | NM_027789 | 2.38 | 2.37 | 2.40 | 2.38 | 2.39 | 2.40 | 1.00 | up | 8.00E-01 | 9.35E-01 | - | - | | |
| 137650_at | ... | ... | ... | ... | BE102427 | 2.28 | 2.28 | 2.29 | 2.28 | 2.29 | 2.27 | 1.00 | down | 6.11E-01 | 8.95E-01 | - | - | | |
| 138055_at | ... | ... | ... | ... | BE080501 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 2.28 | 1.00 | down | 5.84E-01 | 8.95E-01 | - | - | | |
| 1394632_at | ... | ... | ... | ... | AB75589 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 7.01E-01 | 9.09E-01 | - | - | | |
| 139391_at | LOC79949 | similar to C4502-PA, isoform A | 678949 | Rn.222110 | AW191383 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 7.65E-01 | 9.28E-01 | - | - | | |
| 139144_at | Mak4 | membrane-spanning 4-domains, subfamily A, member 1 | 309217 | Rn.16385 | AB17742 | 2.26 | 2.26 | 2.27 | 2.26 | 2.26 | 2.25 | 1.00 | down | 5.64E-01 | 8.95E-01 | - | - | | |
| 138557_at | ... | ... | ... | ... | Rn.22881 | AB091021 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.00 | down | 7.67E-01 | 9.07E-01 | - | - | |
| 1383320_at | Lck | lymphocyte-specific tyrosine kinase | 313050 | Rn.22791 | AI137137 | 2.35 | 2.34 | 2.36 | 2.35 | 2.35 | 2.34 | 1.00 | down | 6.88E-01 | 9.07E-01 | - | - | | |
| 1398804_at | Lil | leukemia inhibitory factor (cholinergic differentiation factor) | 60584 | Rn.44379 | NM_022196 | 2.35 | 2.34 | 2.36 | 2.37 | 2.35 | 2.33 | 1.00 | up | 8.21E-01 | 9.43E-01 | - | - | | |
| 138848_at | Seprin3c | serpin (or inhibitor) peptidase inhibitor, class A, member 3c | 24784 | Rn.102827 | NM_020872 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.33 | 1.00 | down | 7.14E-01 | 9.10E-01 | - | - | | |
| 1381945_at | ... | ... | ... | ... | AI12432 | 2.38 | 2.37 | 2.39 | 2.38 | 2.38 | 2.37 | 1.00 | down | 7.13E-01 | 9.10E-01 | - | - | | |
| 138889_at | Gp5 | gap junction protein, beta 5 | 25986 | Rn.149743 | AB75589 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.36 | 1.00 | down | 7.01E-01 | 9.09E-01 | - | - | | |
| 138867_at | ... | ... | ... | ... | HS140 | 2.49 | 2.47 | 2.49 | 2.48 | 2.48 | 2.48 | 1.00 | down | 7.07E-01 | 9.14E-01 | - | - | | |
| 137882_at | ... | ... | ... | ... | BE54915 | 2.36 | 2.35 | 2.37 | 2.35 | 2.36 | 2.35 | 1.00 | down | 7.23E-01 | 9.11E-01 | - | - | | |
| 138894_at | ... | ... | ... | ... | Rn.144871 | BF30332 | 2.33 | 2.32 | 2.33 | 2.33 | 2.33 | 1.00 | down | 6.08E-01 | 8.95E-01 | - | - | | |
| 139675_at | RDG156410 | similar to GTPase activating RANGAP domain-like 3 | 499783 | BF390505 | 2.37 | 2.36 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 7.54E-01 | 9.28E-01 | - | - | | | |
| 138041_at | ... | ... | ... | ... | BF398551 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 7.80E-01 | 9.20E-01 | - | - | | |
| 138851_at | ... | ... | ... | ... | BF398551 | 2.30 | 2.29 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 7.80E-01 | 9.20E-01 | - | - | | |
| 1386822_a_t | RDG131823 | SIMILAR TO RIKEN CDNA 1700016055 | 362346 | Rn.28920 | BF288608 | 2.65 | 2.60 | 2.71 | 2.62 | 2.77 | 2.56 | 1.00 | down | 9.69E-01 | 9.91E-01 | - | - | | |
| 139076_at | ... | ... | ... | ... | BF380771 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | | FCRAhouse | Resuspension | Unpaired 16S16S vs CH1 (log2FC) | REG | MTC |
|------------|----------------------|--|---------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---------------------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEP2 (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | SEPH (Ct) | | | | | |
| 198314 | Fg5 | fibroblast growth factor 5 | 6062 | Rn.44445 | NM_022211 | 2.37 | 2.35 | 2.37 | 2.36 | 2.38 | 2.35 | 1.00 | up | 8.39E-01 | 9.50E-01 | - | - | | | |
| 1970716 | Sma59 | SMAD family member 5 | 85435 | Rn.10062 | AF012347 | 2.28 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 1.00 | down | 8.52E-01 | 8.95E-01 | - | - | | | |
| 1976504 | Gc2 | glucuronidation protein, gamma 2 | 491913 | Rn.20300 | AF076571 | 2.17 | 2.16 | 2.17 | 2.16 | 2.17 | 2.16 | 1.00 | down | 8.21E-01 | 8.56E-01 | - | - | | | |
| 1969553 | Hsd17b3 | hydroxysteroid (17-beta) dehydrogenase 3 | 117182 | Rn.10896 | NM_054007 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 8.32E-01 | 8.95E-01 | - | - | | | |
| 1978171 | LOC85305 // LOC85305 | similar to paired immunoglobulin-like type 3 receptor beta // similar to paired immunoglobulin-like type 3 receptor beta | 25579 | Rn.11636 | NM_017249 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 7.48E-01 | 8.16E-01 | - | - | | | |
| 1978865 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.43E-01 | 9.51E-01 | - | - | | | |
| 1974794 | KIF15 | kinesin family member 15 | 353302 | Rn.45205 | BF396282 | 2.46 | 2.44 | 2.47 | 2.45 | 2.46 | 2.44 | 1.00 | down | 8.01E-01 | 8.93E-01 | - | - | | | |
| 1979236 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.29E-01 | 9.35E-01 | - | - | | | |
| 1983987 | Trp2c | transient receptor potential cation channel, subfamily C, member 2 | 64573 | Rn.22468 | NM_022638 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 7.31E-01 | 8.14E-01 | - | - | | | |
| 1985923 | Rgs4 | regulator of G-protein signaling 4 | 29480 | Rn.11065 | AF170787 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.29 | 1.00 | down | 8.22E-01 | 9.42E-01 | - | - | | | |
| 1987702 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.78E-01 | 9.98E-01 | - | - | | | |
| 1987323 | Kif20a | kif20a | 25048 | Rn.5880 | NM_019725 | 2.38 | 2.37 | 2.40 | 2.37 | 2.41 | 2.38 | 1.00 | down | 8.03E-01 | 9.67E-01 | - | - | | | |
| 1973722 | Kif20a | kinesin family member 20A | 361308 | Rn.10107 | BE116927 | 2.40 | 2.38 | 2.40 | 2.39 | 2.41 | 2.38 | 1.00 | down | 8.14E-01 | 9.40E-01 | - | - | | | |
| 1970716 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.13E-01 | 9.40E-01 | - | - | | | |
| 1981092 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.57E-01 | 8.98E-01 | - | - | | | |
| 1980446 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 7.00E-01 | 9.07E-01 | - | - | | | |
| 1980427 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.88E-01 | 9.97E-01 | - | - | | | |
| 1988242 | Gp176 | G protein-coupled receptor 176 | 117257 | Rn.20093 | A008747 | 2.54 | 2.57 | 2.52 | 2.58 | 2.46 | 2.59 | 1.00 | up | 9.88E-01 | 9.97E-01 | - | - | | | |
| 1974799 | Nsqap2 | non-SMC domain 1 complex, subunit D2 | 362438 | Rn.7870 | AF047416 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 8.01E-01 | 8.96E-01 | - | - | | | |
| 1986927 | Fam22a | family with sequence similarity 22 (C2 domain containing), member A | 22579 | Rn.11636 | NM_017249 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 7.48E-01 | 8.16E-01 | - | - | | | |
| 1978949 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 7.94E-01 | 9.34E-01 | - | - | | | |
| 1970881 | Pac1 | phosphotransferase domain containing protein 1 | 17444 | Rn.8308 | AF080285 | 2.29 | 2.28 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 6.88E-01 | 9.07E-01 | - | - | | | |
| 1973537 | Dna5 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 5 | 28785 | Rn.15425 | AF07184 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.10E-01 | 8.95E-01 | - | - | | | |
| 1983338 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.91E-01 | 9.95E-01 | - | - | | | |
| 1973240 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 7.97E-01 | 9.34E-01 | - | - | | | |
| 1991053 | Dna3 | similar to complement C5 precursor | 361302 | Rn.20093 | AF199339 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.28 | 1.00 | down | 6.91E-01 | 9.05E-01 | - | - | | | |
| 1980391 | Srsf7 | serine/threonine protein kinase 7 | 301122 | Rn.42187 | BF408638 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 2.27 | 1.00 | down | 6.50E-01 | 8.96E-01 | - | - | | | |
| 1981938 | Usp13 | ubiquitin specific protease 13 (oxidoprolidase T3) | 362687 | Rn.218757 | BE119019 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 6.88E-01 | 8.95E-01 | - | - | | | |
| 1980556 | Whn7a | winged-type MYMT1 integration site family, member 7A | 114850 | Rn.160583 | BG971935 | 2.31 | 2.30 | 2.31 | 2.31 | 2.32 | 2.31 | 1.00 | down | 8.11E-01 | 9.36E-01 | - | - | | | |
| 1973588 | Zfp2 | zinc finger protein, multiple 2 | 314930 | Rn.135463 | BE089911 | 2.30 | 2.29 | 2.30 | 2.29 | 2.30 | 2.29 | 1.00 | down | 6.77E-01 | 9.02E-01 | - | - | | | |
| 1976372 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.91E-01 | 9.95E-01 | - | - | | | |
| 1980151 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 7.95E-01 | 9.34E-01 | - | - | | | |
| 1980752 | Ighn2 | immunoglobulin mu binding protein 2 | 22684 | Rn.103584 | BG374825 | 2.39 | 2.38 | 2.40 | 2.39 | 2.40 | 2.37 | 1.00 | down | 7.95E-01 | 9.34E-01 | - | - | | | |
| 1980798 | Nbk2 | Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta | 304005 | Rn.58420 | BF395399 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.44 | 1.00 | down | 4.42E-01 | 8.95E-01 | - | - | | | |
| 1979744 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 9.12E-01 | 9.74E-01 | - | - | | | |
| 1980620 | LOC858048 | similar to butyrophilin-like 7 | 686048 | Rn.391183 | AF056922 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 8.88E-01 | 9.98E-01 | - | - | | | |
| 1979749 | Prk4 | proteokinase 1, G (noncatalytic) | 29237 | Rn.10015 | NM_017139 | 2.29 | 2.28 | 2.29 | 2.29 | 2.29 | 2.28 | 1.00 | down | 8.88E-01 | 9.98E-01 | - | - | | | |
| 1978533 | Penk1 | neurokinin B (Drosophila) | 406162 | Rn.123887 | BE113482 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.46 | 1.00 | down | 6.45E-01 | 8.95E-01 | - | - | | | |
| 1979277 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | up | 9.97E-01 | 9.99E-01 | - | - | | | |
| 1989509 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | up | 8.97E-01 | 9.68E-01 | - | - | | | |
| 1979425 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.48E-01 | 9.78E-01 | - | - | | | |
| 1979714 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.38E-01 | 8.95E-01 | - | - | | | |
| 1980742 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | up | 8.85E-01 | 9.84E-01 | - | - | | | |
| 1979755 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1979755 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 8.10E-01 | 9.40E-01 | - | - | | | |
| 1980494 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1.00 | down | 6.28E-01 | 8.95E-01 | - | - | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | GCRA Intensity (log2) | | | | | | | | | | FC/MS/seq | Resonance | Unpaired | t-test | t-test | t-test | REG | MTC |
|------------|-------------|---|-----------|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------|--------|--------|-----|-----|
| | | | | | SEPS (Ct) | SEPA (Ct) | SEPB (Ct) | SEPC (Ct) | SEPD (Ct) | SEPE (Ct) | SEPF (Ct) | SEPG (Ct) | SEPH (Ct) | SEPI (Ct) | | | | | | | | |
| 1761311 | RGD1560736 | similar to solute carrier family 9 (sodium/potassium exchanger), isoform 9 | 363115 | ... | A046015 | 2.40 | 2.39 | 2.40 | 2.39 | 2.42 | 2.39 | 2.39 | 1.00 | up | 6.32E-01 | 9.47E-01 | - | - | - | - | - | |
| 1761312 | Rco2 | REST co-repressor 2 | 305811 | Rn_209048 | BF283211 | 2.28 | 2.26 | 2.27 | 2.26 | 2.27 | 2.25 | 1.00 | down | 6.66E-01 | 8.99E-01 | - | - | - | - | - | - | |
| 1761313 | Tnfrsf29 | tumor necrosis factor receptor superfamily, member 26 | 361685 | Rn_162508 | BE098317 | 2.39 | 2.36 | 2.40 | 2.38 | 2.40 | 2.38 | 1.00 | down | 8.73E-01 | 9.81E-01 | - | - | - | - | - | - | |
| 1761314 | Znf659 | Zinc finger protein 655 | 360624 | U01837 | BE015440 | 2.41 | 2.41 | 2.40 | 2.41 | 2.40 | 2.40 | 1.00 | down | 7.23E-01 | 9.26E-01 | - | - | - | - | - | - | |
| 1761315 | Taf10 | TAF10 RNA polymerase II, TATA box nucleic protein (TFIIA-associated factor 10) | 293345 | Rn_144795 | BM322226 | 8.16 | 8.27 | 8.05 | 8.88 | 8.17 | 8.45 | 1.00 | down | 9.55E-01 | 9.98E-01 | - | - | - | - | - | - | |
| 1761316 | HcN4 | hyperpolarization activated cyclic nucleotide-gated potassium channel 4 | 592626 | Rn_41082 | AF247453 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.30 | 1.00 | down | 6.12E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761317 | Sy5 | synaptotagmin V | 54309 | Rn_110300 | NM_019350 | 2.25 | 2.24 | 2.25 | 2.24 | 2.25 | 2.24 | 1.00 | down | 6.24E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761318 | Cldn18 | claudin 18 | 315953 | Rn_105888 | AA012309 | 2.46 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 1.00 | down | 8.07E-01 | 9.38E-01 | - | - | - | - | - | - | |
| 1761319 | 79889 | similar to transcription factor 7-like 2, T-cell specific, HMG-box // similar to T79889 // 683733 | Rn_105848 | Rn_105848 | AB53239 | 2.47 | 2.45 | 2.47 | 2.46 | 2.47 | 2.47 | 1.00 | down | 7.80E-01 | 9.28E-01 | - | - | - | - | - | - | |
| 1761320 | Carpt | CART prepropeptide | 29131 | Rn_89164 | NM_017110 | 2.25 | 2.24 | 2.25 | 2.24 | 2.25 | 2.24 | 1.00 | down | 5.88E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761321 | RGD156482 | hypothetical protein LOC502884 | 308556 | ... | AB44584 | 2.23 | 2.22 | 2.23 | 2.23 | 2.23 | 2.22 | 1.00 | down | 6.21E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761322 | Lhcr | luteinizing hormone chorionic gonadotropin receptor | 25477 | Rn_11216 | NM_012978 | 2.28 | 2.25 | 2.26 | 2.26 | 2.26 | 2.25 | 1.00 | down | 6.55E-01 | 8.97E-01 | - | - | - | - | - | - | |
| 1761323 | Krt4 | keratin 4 | 315323 | Rn_100868 | BC174588 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.24 | 1.00 | down | 6.62E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761324 | LOC502884 | hypothetical protein LOC502884 | 502884 | Rn_206234 | AW524138 | 2.40 | 2.39 | 2.41 | 2.40 | 2.41 | 2.38 | 1.00 | down | 8.38E-01 | 9.48E-01 | - | - | - | - | - | - | |
| 1761325 | LOC502884 | hypothetical protein LOC502884 | 502884 | Rn_206234 | AW524138 | 2.40 | 2.39 | 2.41 | 2.40 | 2.41 | 2.38 | 1.00 | down | 8.38E-01 | 9.48E-01 | - | - | - | - | - | - | |
| 1761326 | Col7a1 | collagen type VII, alpha 1 | 301012 | Rn_24307 | A048486 | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 2.32 | 1.00 | down | 6.62E-01 | 8.98E-01 | - | - | - | - | - | - | |
| 1761327 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761328 | Rasf1 | Ras association (RAGDS/AF-6) domain family member 1 | 363140 | Rn_83042 | A023045 | 2.36 | 2.35 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 4.97E-01 | 9.35E-01 | - | - | - | - | - | - | |
| 1761329 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761330 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761331 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761332 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761333 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761334 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761335 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761336 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761337 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761338 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761339 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761340 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761341 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761342 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761343 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761344 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761345 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761346 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761347 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761348 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761349 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761350 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761351 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761352 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761353 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761354 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761355 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761356 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761357 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761358 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761359 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761360 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761361 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761362 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761363 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | 2.43 | 1.00 | down | 6.35E-01 | 8.95E-01 | - | - | - | - | - | - | |
| 1761364 | TRPM7 | transient receptor potential melastatin 7 | 311057 | Rn_129503 | AW522502 | 2.43 | 2.43 | 2.44 | 2.43 | 2.44 | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | | | | | FC/Abouse | Residual | Unpaired t-test Csis vs Citi (log2) | REG | MTC |
|--------------|-------------|--|---------|------------|-----------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|----------|-------------------------------------|-----|-----|
| | | | | | | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | SEFP (Citi) | | | | | |
| 138650_a_at | Rgs9 | regulator of G-protein signaling 9 | 29481 | Rn.10903 | NM_019224 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | down | 7.93E-01 | 9.34E-01 | - | - |
| 1397478_at | Pho2b | Phorbolin 2 | 114766 | Rn.64336 | A030187 | 2.33 | 2.32 | 2.33 | 2.33 | 2.33 | 2.33 | 2.32 | 1.00 | down | 8.56E-01 | 8.95E-01 | - | - | |
| 138002_c_at | Eh2 | Elongation factor Tu GTP binding domain containing 2 | 287739 | Rn.62495 | AF408649 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.32 | 1.00 | down | 7.17E-01 | 9.10E-01 | - | - | |
| 1391196_at | Xrp1 | kin actin-binding repeat containing 1 | 310711 | Rn.27588 | A110358 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.48 | 2.44 | 1.00 | down | 8.83E-01 | 9.64E-01 | - | - | |
| 1380489_at | --- | --- | --- | Rn.7020 | BF382699 | 2.64 | 2.60 | 2.61 | 2.71 | 2.71 | 2.83 | 2.60 | 1.00 | down | 8.79E-01 | 9.48E-01 | - | - | |
| 1390703_at | Myh7 | myosin, heavy chain 7, cardiac muscle, beta | 29557 | Rn.205602 | AW291303 | 2.41 | 2.40 | 2.42 | 2.41 | 2.42 | 2.40 | 2.40 | 1.00 | down | 8.34E-01 | 9.45E-01 | - | - | |
| 1374386_at | Actn2 | actin, beta | 29617 | Rn.26599 | AF12423 | 2.45 | 2.43 | 2.45 | 2.44 | 2.45 | 2.45 | 2.42 | 1.00 | down | 8.68E-01 | 9.58E-01 | - | - | |
| 1377238_at | Actn5 | actin, beta 5 | 29617 | Rn.62074 | BF407874 | 2.32 | 2.31 | 2.32 | 2.33 | 2.33 | 2.33 | 2.31 | 1.00 | down | 8.07E-01 | 9.32E-01 | - | - | |
| 1366148_at | Ngr1 | nerve growth factor receptor (TNFR superfamily, member 16) | 24556 | Rn.10586 | NM_012610 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.36 | 2.35 | 1.00 | down | 7.81E-01 | 9.25E-01 | - | - | |
| 1393924_s_at | --- | --- | --- | --- | BF553036 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.27 | 2.27 | 1.00 | down | 7.09E-01 | 9.07E-01 | - | - | |
| 1393072_c_at | --- | --- | --- | --- | A044833 | 2.38 | 2.38 | 2.38 | 2.38 | 2.39 | 2.37 | 2.37 | 1.00 | down | 7.21E-01 | 9.11E-01 | - | - | |
| 1382342_at | --- | --- | --- | --- | Rn.16167 | B121174 | 2.46 | 2.45 | 2.47 | 2.46 | 2.46 | 2.45 | 1.00 | down | 7.47E-01 | 9.18E-01 | - | - | |
| 1393767_at | --- | --- | --- | --- | Rn.13985 | A066293 | 2.39 | 2.38 | 2.39 | 2.39 | 2.39 | 2.38 | 1.00 | down | 6.66E-01 | 8.99E-01 | - | - | |
| 1393767_c_at | Smv11 | SET and MYND domain containing 1 | 297333 | Rn.20187 | BE02853 | 2.34 | 2.34 | 2.36 | 2.35 | 2.35 | 2.33 | 2.33 | 1.00 | down | 8.84E-01 | 9.55E-01 | - | - | |
| 1370515_x_at | Sy7 | synaptotagmin VII | 59287 | Rn.91884 | A1713274 | 2.34 | 2.34 | 2.35 | 2.35 | 2.34 | 2.33 | 2.33 | 1.00 | down | 7.60E-01 | 9.22E-01 | - | - | |
| 1369448_at | H33a | 5-hydroxytryptamine (serotonin) receptor 3a | 79246 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 7.03E-01 | 9.07E-01 | - | - | |
| 1377017_c_at | --- | --- | --- | --- | Rn.147538 | BE110143 | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 1.00 | down | 6.69E-01 | 8.91E-01 | - | - | |
| 1385234_at | --- | --- | --- | --- | Rn.21107 | A058987 | 2.34 | 2.33 | 2.35 | 2.34 | 2.36 | 2.32 | 1.00 | down | 8.60E-01 | 9.57E-01 | - | - | |
| 1398985_at | --- | --- | --- | --- | Rn.94848 | BE110310 | 2.25 | 2.24 | 2.25 | 2.25 | 2.25 | 2.24 | 1.00 | down | 8.51E-01 | 9.36E-01 | - | - | |
| 1376510_at | --- | --- | --- | --- | Rn.21693 | A072079 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 6.51E-01 | 8.97E-01 | - | - | |
| 1390715_at | --- | --- | --- | --- | Rn.14937 | BF40080 | 2.28 | 2.25 | 2.28 | 2.25 | 2.26 | 2.26 | 1.00 | down | 6.79E-01 | 9.02E-01 | - | - | |
| 1376443_at | LOC591093 | similar to gene trap ROSA-b-gal 22 | 691093 | Rn.22319 | BF42000 | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 2.26 | 1.00 | down | 5.77E-01 | 8.92E-01 | - | - | |
| 1391083_at | Cdh11 | Cadherin 11 | 84407 | Rn.8900 | BF414005 | 2.27 | 2.26 | 2.28 | 2.27 | 2.28 | 2.28 | 2.26 | 1.00 | down | 8.20E-01 | 9.42E-01 | - | - | |
| 1380302_c_at | --- | --- | --- | --- | Rn.16809 | A072770 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | up | 7.39E-01 | 9.16E-01 | - | - | |
| 1384979_at | Gpr50 | G protein-coupled receptor 50 | 117097 | Rn.92385 | B128437 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 2.30 | 1.00 | down | 7.61E-01 | 9.22E-01 | - | - | |
| 1394715_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 7.72E-01 | 9.28E-01 | - | - | |
| 1389897_at | Nkx2-5 | NK2 transcription factor related, locus 5 (Drosophila) | 114109 | Rn.61179 | A039194 | 2.32 | 2.31 | 2.33 | 2.32 | 2.32 | 2.33 | 2.31 | 1.00 | down | 8.54E-01 | 9.35E-01 | - | - | |
| 1381437_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 5.99E-01 | 8.95E-01 | - | - | |
| 1388394_at | Sy3 | Synaptotagmin III | 25731 | Rn.9884 | B128342 | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 2.26 | 1.00 | down | 6.78E-01 | 9.02E-01 | - | - | |
| 1389001_at | Fkbp5 | FK506 binding protein 5 | 81810 | Rn.14428 | AW55457 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.46 | 1.00 | down | 8.96E-01 | 9.83E-01 | - | - | |
| 1393467_at | Pcsk5 | proprotein convertase subtilisin/kexin type 5 | 116548 | Rn.104002 | BF549923 | 2.44 | 2.43 | 2.46 | 2.44 | 2.46 | 2.42 | 2.42 | 1.00 | down | 8.94E-01 | 9.87E-01 | - | - | |
| 1386370_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.75E-01 | 9.53E-01 | - | - | |
| 1381849_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.52E-01 | 8.97E-01 | - | - | |
| 1397053_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.94E-01 | 9.08E-01 | - | - | |
| 1376743_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.96E-01 | 9.83E-01 | - | - | |
| 1370416_at | Mxd3 | Mxd3 demethylase protein 3 | 222915 | Rn.10214 | U45888 | 2.38 | 2.37 | 2.39 | 2.38 | 2.38 | 2.37 | 2.37 | 1.00 | down | 7.49E-01 | 9.19E-01 | - | - | |
| 1370718_at | Gpr26 | G protein-coupled receptor 26 | 126113 | Rn.48179 | A04268 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 2.30 | 1.00 | down | 7.73E-01 | 9.25E-01 | - | - | |
| 1384676_at | Tfcp2l2 | transcription factor AP-2, epsilon | 313596 | Rn.14508 | BM39824 | 2.27 | 2.26 | 2.28 | 2.27 | 2.29 | 2.26 | 2.26 | 1.00 | down | 6.27E-01 | 9.45E-01 | - | - | |
| 1392419_at | ROD1311870 | similar to RIKEN cDNA 483045AC01 | 298653 | Rn.61927 | BF411806 | 2.52 | 2.47 | 2.54 | 2.48 | 2.59 | 2.45 | 2.45 | 1.00 | down | 6.96E-01 | 9.91E-01 | - | - | |
| 1396175_at | LOC591120 | similar to Adenylosuccinate synthetase isozyme 1 (Adenylosuccinate synthetase, R11-beta) | 69445 | Rn.25717 | BF40831 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 1.00 | down | 6.97E-01 | 9.15E-01 | - | - | |
| 1381933_x_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.99E-01 | 8.98E-01 | - | - | |
| 1387578_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 6.27E-01 | 9.79E-01 | - | - | |
| 1387881_at | Kovv1 | potassium channel, subfamily V, member 1 | 60326 | Rn.13373 | BF409913 | 2.39 | 2.38 | 2.42 | 2.39 | 2.44 | 2.37 | 2.37 | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_c_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_g_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_h_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_i_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_j_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_k_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_l_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_m_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_n_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_o_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_p_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_q_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_r_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_s_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_t_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_u_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_v_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_w_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_x_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_y_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_z_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_aa | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_ab | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |
| 1382869_ac | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 8.38E-01 | 9.49E-01 | - | - | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test vs Ctl (p-value) | Cis vs Ctl (p-value) | REG | MTC |
|------------|-------------|--|---------|------------|-----------|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------------------------|----------------------|-----|-----|
| | | | | | | SEPS (Ct) | SEPA (Ct) | SEP1 (Ct) | SEPP (Ct) | SEPS (Ca) | SEPA (Ca) | SEP1 (Ca) | SEPP (Ca) | SEPS (Ca) | SEPA (Ca) | | | | | | |
| 193966.at | --- | --- | --- | --- | --- | 2.42 | 2.41 | 2.42 | 2.41 | 2.42 | 2.40 | 2.40 | 1.00 | down | 7.95E-01 | 9.34E-01 | --- | --- | | | |
| 193973.at | --- | --- | --- | --- | --- | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 2.42 | 1.00 | down | 6.94E-01 | 8.98E-01 | --- | --- | | | |
| 193975.at | Os2p | ovastest binding protein 2 | 305475 | Rn.199138 | AJ52224 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 | 1.00 | down | 6.84E-01 | 9.10E-01 | --- | --- | | | |
| 193976.at | Gsk3r | glycogen synthase kinase-3 regulatory protein | 25558 | Rn.7863 | NM_013120 | 2.28 | 2.25 | 2.28 | 2.25 | 2.26 | 2.25 | 1.00 | down | 6.94E-01 | 9.03E-01 | --- | --- | | | | |
| 193977.at | --- | --- | --- | --- | --- | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 7.44E-01 | 9.22E-01 | --- | --- | | | |
| 193978.at | Strn | stratifin, calmodulin binding protein | 29149 | Rn.37469 | NM_019148 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 4.31E-01 | 8.95E-01 | --- | --- | | | |
| 193979.at | --- | --- | --- | --- | --- | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 8.06E-01 | 9.38E-01 | --- | --- | | | |
| 193980.at | Korc2 | classroom voltage-gated channel, lsk-related subfamily, gene 2 | 171138 | Rn.48921 | AJ23936 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 3.74E-01 | 8.95E-01 | --- | --- | | | |
| 193981.at | --- | --- | --- | --- | --- | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | 1.00 | down | 6.93E-01 | 8.86E-01 | --- | --- | | | |
| 193982.at | --- | --- | --- | --- | --- | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 8.72E-01 | 9.81E-01 | --- | --- | | | |
| 193983.at | Kirt1 | keratin 1 | 300250 | Rn.31789 | X6486 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 7.15E-01 | 9.10E-01 | --- | --- | | | |
| 193984.at | Sin | scapozipin | 367086 | Rn.16457 | BF408611 | 2.33 | 2.32 | 2.34 | 2.33 | 2.35 | 2.31 | 1.00 | down | 8.74E-01 | 9.81E-01 | --- | --- | | | | |
| 193985.at | Rab15 | RAB15, member RAS oncogene family | 299156 | Rn.24234 | BF65420 | 2.26 | 2.24 | 2.25 | 2.24 | 2.26 | 2.24 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 193986.at | Mfng | MFG O-fucosyltransferase 3 beta-N-acetylglucosaminyltransferase | 315119 | Rn.102109 | AA81664 | 2.30 | 2.29 | 2.30 | 2.30 | 2.31 | 2.29 | 1.00 | down | 7.51E-01 | 9.18E-01 | --- | --- | | | | |
| 193987.at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 7.43E-01 | 9.17E-01 | --- | --- | | | |
| 193988.at | Ugl2b | UDP glycosyltransferase 2 family, polypeptide B | 24862 | Rn.2521 | AA858993 | 2.41 | 2.40 | 2.43 | 2.41 | 2.45 | 2.39 | 1.00 | down | 9.40E-01 | 9.83E-01 | --- | --- | | | | |
| 193989.at | Apobec2 | apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 | 301226 | Rn.16340 | BF28550 | 2.30 | 2.30 | 2.30 | 2.30 | 2.31 | 2.30 | 1.00 | down | 7.46E-01 | 9.18E-01 | --- | --- | | | | |
| 193990.at | Fvsl1 | Fvsl-like 1 | 304572 | Rn.24267 | BI28660 | 2.63 | 2.46 | 2.55 | 2.54 | 2.56 | 2.54 | 1.00 | down | 8.74E-01 | 9.92E-01 | --- | --- | | | | |
| 193991.at | Ldr | low density lipoprotein receptor | 300438 | Rn.10483 | X11722 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | down | 6.54E-01 | 8.97E-01 | --- | --- | | | | |
| 193992.at | --- | --- | --- | --- | --- | 2.32 | 2.32 | 2.33 | 2.32 | 2.32 | 2.32 | 1.00 | down | 4.84E-01 | 8.95E-01 | --- | --- | | | | |
| 193993.at | --- | --- | --- | --- | --- | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 2.25 | 1.00 | down | 7.85E-01 | 9.30E-01 | --- | --- | | | |
| 193994.at | Aox5ap | arachidonate 5-lipoxygenase activating protein | 29524 | Rn.19399 | NM_17290 | 2.39 | 2.39 | 2.40 | 2.40 | 2.40 | 2.38 | 1.00 | down | 6.34E-01 | 9.48E-01 | --- | --- | | | | |
| 193995.at | --- | --- | --- | --- | --- | 2.36 | 2.36 | 2.37 | 2.36 | 2.37 | 2.36 | 1.00 | down | 8.67E-01 | 9.24E-01 | --- | --- | | | | |
| 193996.at | Fam5a | family with sequence similarity 55, member A | 291974 | Rn.105873 | BF149022 | 2.39 | 2.38 | 2.43 | 2.39 | 2.40 | 2.40 | 1.00 | down | 9.12E-01 | 9.74E-01 | --- | --- | | | | |
| 193997.at | C12orf11 | chloride channel | 25588 | Rn.10466 | NM_013147 | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 7.67E-01 | 9.24E-01 | --- | --- | | | | |
| 193998.at | --- | --- | --- | --- | --- | 2.27 | 2.28 | 2.27 | 2.27 | 2.27 | 2.26 | 1.00 | down | 7.33E-01 | 9.14E-01 | --- | --- | | | | |
| 193999.at | --- | --- | --- | --- | --- | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 7.90E-01 | 9.32E-01 | --- | --- | | | |
| 194000.at | --- | --- | --- | --- | --- | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.47 | 1.00 | down | 8.66E-01 | 9.91E-01 | --- | --- | | | | |
| 194001.at | --- | --- | --- | --- | --- | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 2.31 | 1.00 | down | 6.74E-01 | 9.01E-01 | --- | --- | | | | |
| 194002.at | --- | --- | --- | --- | --- | 2.44 | 2.42 | 2.44 | 2.43 | 2.46 | 2.42 | 1.00 | down | 9.15E-01 | 9.78E-01 | --- | --- | | | | |
| 194003.at | --- | --- | --- | --- | --- | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 2.27 | 1.00 | down | 7.95E-01 | 9.18E-01 | --- | --- | | | | |
| 194004.at | --- | --- | --- | --- | --- | 2.32 | 2.32 | 2.34 | 2.32 | 2.33 | 2.31 | 1.00 | down | 8.60E-01 | 9.87E-01 | --- | --- | | | | |
| 194005.at | --- | --- | --- | --- | --- | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 1.00 | down | 8.74E-01 | 9.55E-01 | --- | --- | | | | |
| 194006.at | --- | --- | --- | --- | --- | 2.33 | 2.32 | 2.33 | 2.33 | 2.33 | 2.35 | 1.00 | down | 8.84E-01 | 9.64E-01 | --- | --- | | | | |
| 194007.at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.30 | 2.29 | 2.30 | 2.28 | 1.00 | down | 7.85E-01 | 9.30E-01 | --- | --- | | | | |
| 194008.at | --- | --- | --- | --- | --- | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194009.at | --- | --- | --- | --- | --- | 2.41 | 2.38 | 2.41 | 2.38 | 2.41 | 2.37 | 1.00 | down | 9.18E-01 | 9.76E-01 | --- | --- | | | | |
| 194010.at | --- | --- | --- | --- | --- | 2.43 | 2.41 | 2.44 | 2.42 | 2.45 | 2.41 | 1.00 | down | 9.07E-01 | 9.72E-01 | --- | --- | | | | |
| 194011.at | --- | --- | --- | --- | --- | 2.28 | 2.28 | 2.29 | 2.28 | 2.29 | 2.28 | 1.00 | down | 8.46E-01 | 9.76E-01 | --- | --- | | | | |
| 194012.at | --- | --- | --- | --- | --- | 2.40 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 1.00 | down | 9.17E-01 | 9.75E-01 | --- | --- | | | | |
| 194013.at | --- | --- | --- | --- | --- | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194014.at | --- | --- | --- | --- | --- | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | down | 8.65E-01 | 9.58E-01 | --- | --- | | | | |
| 194015.at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.31 | 2.29 | 2.31 | 2.29 | 1.00 | down | 7.70E-01 | 9.25E-01 | --- | --- | | | | |
| 194016.at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 8.46E-01 | 9.58E-01 | --- | --- | | | | |
| 194017.at | --- | --- | --- | --- | --- | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194018.at | --- | --- | --- | --- | --- | 2.45 | 2.45 | 2.46 | 2.45 | 2.46 | 2.45 | 1.00 | down | 7.15E-01 | 9.10E-01 | --- | --- | | | | |
| 194019.at | --- | --- | --- | --- | --- | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 2.33 | 1.00 | down | 8.96E-01 | 9.98E-01 | --- | --- | | | | |
| 194020.at | --- | --- | --- | --- | --- | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194021.at | --- | --- | --- | --- | --- | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194022.at | --- | --- | --- | --- | --- | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 6.96E-01 | 9.07E-01 | --- | --- | | | | |
| 194023.at | --- | --- | --- | --- | --- | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194024.at | --- | --- | --- | --- | --- | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.37 | 1.00 | down | 8.54E-01 | 9.55E-01 | --- | --- | | | | |
| 194025.at | --- | --- | --- | --- | --- | 2.16 | 2.16 | 2.17 | 2.16 | 2.17 | 2.16 | 1.00 | down | 6.86E-01 | 8.95E-01 | --- | --- | | | | |
| 194026.at | --- | --- | --- | --- | --- | 2.37 | 2.36 | 2.38 | 2.37 | 2.38 | 2.36 | 1.00 | down | 8.54E-01 | 9.55E-01 | --- | --- | | | | |
| 194027.at | --- | --- | --- | --- | --- | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.26 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194028.at | --- | --- | --- | --- | --- | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.28 | 1.00 | down | 8.54E-01 | 9.55E-01 | --- | --- | | | | |
| 194029.at | --- | --- | --- | --- | --- | 2.39 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.00 | down | 8.22E-01 | 9.43E-01 | --- | --- | | | | |
| 194030.at | --- | --- | --- | --- | --- | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 2.26 | 1.00 | down | 6.96E-01 | 9.07E-01 | --- | --- | | | | |
| 194031.at | --- | --- | --- | --- | --- | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.44 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194032.at | --- | --- | --- | --- | --- | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.26 | 1.00 | down | 7.57E-01 | 9.55E-01 | --- | --- | | | | |
| 194033.at | --- | --- | --- | --- | --- | 2.16 | 2.16 | 2.16 | 2.16 | 2.16 | 2.16 | 1.00 | down | 6.06E-01 | 8.95E-01 | --- | --- | | | | |
| 194034.at | --- | --- | --- | --- | --- | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 7.46E-01 | 9.24E-01 | --- | --- | | | | |
| 194035.at | --- | --- | --- | --- | --- | 2.40 | 2.40 | 2.41 | 2.40 | 2.41 | 2.40 | 1.00 | down | 6.44E-01 | 8.95E-01 | --- | --- | | | | |
| 194036.at | --- | --- | --- | --- | --- | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194037.at | --- | --- | --- | --- | --- | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.32 | 1.00 | down | 8.40E-01 | 9.50E-01 | --- | --- | | | | |
| 194038.at | --- | --- | --- | --- | --- | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194039.at | --- | --- | --- | --- | --- | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.13E-01 | 9.40E-01 | --- | --- | | | | |
| 194040.at | --- | --- | --- | --- | --- | 2.39 | 2.38 | 2.39 | 2.38 | 2.39 | 2.38 | 1.00 | down | 8.54E-01 | 9.55E-01 | --- | --- | | | | |
| 194041.at | --- | --- | --- | --- | --- | 2.27 | 2.27 | 2.27 | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Pubic ID | GCRA Intensity (log2) | | | | | | | | | | FC/Abouse | Residual | Unpaired t-test | t-test (log2) | REG | MTC |
|------------|-------------|---|--------------|------------|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------------|---------------|-----|-----|
| | | | | | | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | SEPs (Cn) | | | | | | |
| 1396394_at | --- | --- | --- | --- | AW527140 | 2.31 | 2.31 | 2.32 | 2.30 | 2.33 | 2.30 | 2.30 | 1.00 | down | 8.52E-01 | 9.67E-01 | --- | --- | | | |
| 1396395_at | --- | --- | 600774 | Rn.220735 | NM_133292 | 2.38 | 2.37 | 2.39 | 2.37 | 2.40 | 2.36 | 1.00 | down | 9.19E-01 | 9.76E-01 | --- | --- | | | | |
| 1396396_at | Trpv1 | transient receptor potential cation channel, subfamily V, member 1 // transient receptor potential cation channel, subfamily V, member 1 | 600183/63310 | Rn.74508 | U12792 | 2.79 | 2.79 | 2.82 | 2.79 | 2.77 | 2.77 | 1.00 | down | 8.95E-01 | 9.67E-01 | --- | --- | | | | |
| 1396397_at | Cttnb2 | catenin (cell adhesion molecule) 2 | 130020373 | --- | AW524713 | 2.37 | 2.36 | 2.38 | 2.37 | 2.38 | 2.37 | 1.00 | down | 8.58E-01 | 9.55E-01 | --- | --- | | | | |
| 1396398_at | --- | --- | --- | --- | U14810 | 2.13 | 2.13 | 2.13 | 2.14 | 2.13 | 2.14 | 1.00 | down | 8.08E-01 | 9.38E-01 | --- | --- | | | | |
| 1396399_at | --- | --- | 291565 | Rn.210594 | BF403265 | 2.30 | 2.30 | 2.31 | 2.30 | 2.31 | 2.29 | 1.00 | down | 8.84E-01 | 9.64E-01 | --- | --- | | | | |
| 1396400_at | Ataf1 | actin filament associated protein 1-like 1 | --- | Rn.199131 | A1170431 | 2.36 | 2.35 | 2.36 | 2.36 | 2.37 | 2.36 | 1.00 | up | 8.39E-01 | 9.50E-01 | --- | --- | | | | |
| 1396401_at | --- | --- | --- | --- | A1175469 | 2.13 | 2.13 | 2.14 | 2.13 | 2.13 | 2.14 | 1.00 | down | 8.31E-01 | 9.01E-01 | --- | --- | | | | |
| 1396402_at | --- | --- | --- | --- | AA811233 | 2.24 | 2.24 | 2.25 | 2.24 | 2.25 | 2.24 | 1.00 | down | 7.81E-01 | 9.28E-01 | --- | --- | | | | |
| 1396403_at | P42pop | Myb protein P42POP | 498990 | Rn.63388 | BF58202 | 2.28 | 2.28 | 2.29 | 2.28 | 2.29 | 2.28 | 1.00 | down | 7.52E-01 | 9.33E-01 | --- | --- | | | | |
| 1396404_at | --- | --- | --- | --- | BE110970 | 2.35 | 2.35 | 2.35 | 2.35 | 2.36 | 2.35 | 1.00 | down | 8.21E-01 | 9.43E-01 | --- | --- | | | | |
| 1396405_at | Lrn3 | leucine rich repeat and fibronectin type III domain containing 3 | 308495 | Rn.219796 | BE110166 | 2.34 | 2.34 | 2.35 | 2.34 | 2.35 | 2.34 | 1.00 | down | 7.07E-01 | 9.08E-01 | --- | --- | | | | |
| 1396406_at | --- | --- | --- | --- | BM389899 | 2.34 | 2.34 | 2.35 | 2.34 | 2.34 | 2.34 | 1.00 | down | 7.94E-01 | 9.34E-01 | --- | --- | | | | |
| 1396407_at | Sog3a1 | secretoglycin, family 3A, member 1 | 338418 | Rn.30648 | AE101836 | 2.31 | 2.30 | 2.31 | 2.30 | 2.31 | 2.30 | 1.00 | down | 8.17E-01 | 9.41E-01 | --- | --- | | | | |
| 1396408_at | --- | --- | --- | --- | BF411381 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 2.30 | 1.00 | down | 8.22E-01 | 9.95E-01 | --- | --- | | | | |
| 1396409_at | LOC887536 | similar to Forkhead box protein F1 (Forkhead-related protein FKHL5) (Forkhead similar to peptidylglycine alpha-amidating monooxygenase COOH-terminal) | 308884 | Rn.73147 | BG378804 | 2.43 | 2.39 | 2.45 | 2.36 | 2.44 | 2.48 | 1.00 | down | 9.71E-01 | 9.92E-01 | --- | --- | | | | |
| 1396410_at | LOC1309847 | melanoma antigen family B, 16 | 311724 | Rn.162713 | BE079487 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 1.00 | down | 7.47E-01 | 9.67E-01 | --- | --- | | | | |
| 1396411_at | --- | --- | --- | --- | BE079879 | 2.37 | 2.36 | 2.37 | 2.37 | 2.37 | 2.35 | 1.00 | down | 8.85E-01 | 9.87E-01 | --- | --- | | | | |
| 1396412_at | ROD156027 | --- | 501507 | Rn.19283 | BF262295 | 2.28 | 2.27 | 2.28 | 2.28 | 2.28 | 2.27 | 1.00 | down | 7.65E-01 | 9.23E-01 | --- | --- | | | | |
| 1396413_at | --- | --- | --- | --- | BE126713 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 2.42 | 1.00 | down | 8.31E-01 | 9.47E-01 | --- | --- | | | | |
| 1396414_at | --- | --- | --- | --- | BI040009 | 2.37 | 2.36 | 2.38 | 2.36 | 2.37 | 2.37 | 1.00 | down | 8.80E-01 | 9.63E-01 | --- | --- | | | | |
| 1396415_at | --- | --- | --- | --- | BF390117 | 2.49 | 2.48 | 2.52 | 2.49 | 2.51 | 2.48 | 1.00 | up | 9.43E-01 | 9.84E-01 | --- | --- | | | | |
| 1396416_at | --- | --- | --- | --- | Rn.44446 | MS9891 | 2.44 | 2.44 | 2.45 | 2.43 | 2.47 | 2.41 | 1.00 | down | 8.46E-01 | 9.62E-01 | --- | --- | | | |
| 1396417_at | --- | --- | --- | --- | Rn.156406 | AW525128 | 2.46 | 2.44 | 2.46 | 2.45 | 2.48 | 2.42 | 1.00 | down | 9.45E-01 | 9.84E-01 | --- | --- | | | |
| 1396418_at | --- | --- | --- | --- | AA68223 | 2.49 | 2.47 | 2.55 | 2.48 | 2.55 | 2.47 | 1.00 | up | 8.72E-01 | 9.92E-01 | --- | --- | | | | |
| 1396419_at | --- | --- | --- | --- | Rn.81155 | NM_053999 | 2.28 | 2.27 | 2.28 | 2.27 | 2.29 | 2.27 | 1.00 | up | 8.52E-01 | 9.66E-01 | --- | --- | | | |
| 1396420_at | --- | --- | --- | --- | BF400896 | 2.41 | 2.39 | 2.41 | 2.40 | 2.41 | 2.39 | 1.00 | down | 8.83E-01 | 9.64E-01 | --- | --- | | | | |
| 1396421_at | --- | --- | --- | --- | BF389859 | 2.63 | 2.63 | 2.64 | 2.63 | 2.73 | 2.53 | 1.00 | down | 9.84E-01 | 9.95E-01 | --- | --- | | | | |
| 1396422_at | --- | --- | --- | --- | Rn.10788 | AF220608 | 2.31 | 2.30 | 2.31 | 2.30 | 2.32 | 2.29 | 1.00 | down | 9.10E-01 | 9.73E-01 | --- | --- | | | |
| 1396423_at | --- | --- | --- | --- | Rn.34134 | NM_019225 | 2.44 | 2.43 | 2.45 | 2.43 | 2.44 | 2.43 | 1.00 | down | 8.43E-01 | 9.51E-01 | --- | --- | | | |
| 1396424_at | --- | --- | --- | --- | NM_020077 | 2.43 | 2.41 | 2.44 | 2.43 | 2.43 | 2.43 | 1.00 | down | 8.63E-01 | 9.73E-01 | --- | --- | | | | |
| 1396425_at | --- | --- | --- | --- | NM_012616 | 2.31 | 2.30 | 2.32 | 2.31 | 2.31 | 2.30 | 1.00 | down | 8.30E-01 | 9.49E-01 | --- | --- | | | | |
| 1396426_at | --- | --- | --- | --- | Rn.105054 | BE079826 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 2.26 | 1.00 | down | 7.73E-01 | 9.23E-01 | --- | --- | | | |
| 1396427_at | --- | --- | --- | --- | AW525822 | 2.10 | 2.10 | 2.11 | 2.10 | 2.11 | 2.10 | 1.00 | down | 6.97E-01 | 9.07E-01 | --- | --- | | | | |
| 1396428_at | --- | --- | --- | --- | BI289508 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 2.41 | 1.00 | down | 8.51E-01 | 9.95E-01 | --- | --- | | | | |
| 1396429_at | --- | --- | --- | --- | NM_053873 | 2.49 | 2.37 | 2.37 | 2.47 | 2.37 | 2.37 | 1.00 | down | 8.88E-01 | 9.67E-01 | --- | --- | | | | |
| 1396430_at | --- | --- | --- | --- | Rn.40871 | BI282955 | 2.58 | 2.58 | 2.58 | 2.58 | 2.60 | 2.57 | 1.00 | up | 9.16E-01 | 9.75E-01 | --- | --- | | | |
| 1396431_at | --- | --- | --- | --- | Rn.105058 | BF416088 | 2.43 | 2.40 | 2.43 | 2.43 | 2.40 | 2.40 | 1.00 | down | 8.41E-01 | 9.85E-01 | --- | --- | | | |
| 1396432_at | --- | --- | --- | --- | Rn.37666 | AW143673 | 2.30 | 2.30 | 2.30 | 2.31 | 2.30 | 2.30 | 1.00 | up | 7.69E-01 | 9.24E-01 | --- | --- | | | |
| 1396433_at | --- | --- | --- | --- | BI289517 | 2.35 | 2.34 | 2.36 | 2.34 | 2.36 | 2.34 | 1.00 | down | 8.86E-01 | 9.65E-01 | --- | --- | | | | |
| 1396434_at | --- | --- | --- | --- | BM38796 | 2.42 | 2.42 | 2.42 | 2.43 | 2.42 | 2.42 | 1.00 | down | 8.17E-01 | 9.73E-01 | --- | --- | | | | |
| 1396435_at | --- | --- | --- | --- | Rn.171527 | BE117296 | 2.37 | 2.36 | 2.38 | 2.36 | 2.39 | 2.35 | 1.00 | down | 9.27E-01 | 9.79E-01 | --- | --- | | | |
| 1396436_at | --- | --- | --- | --- | Rn.9902 | BI274605 | 2.22 | 2.22 | 2.23 | 2.22 | 2.22 | 2.22 | 1.00 | down | 7.74E-01 | 9.28E-01 | --- | --- | | | |
| 1396437_at | --- | --- | --- | --- | Rn.203996 | AQ22010 | 2.47 | 2.47 | 2.48 | 2.47 | 2.48 | 2.47 | 1.00 | down | 9.12E-01 | 9.67E-01 | --- | --- | | | |
| 1396438_at | --- | --- | --- | --- | BF378711 | 2.33 | 2.32 | 2.34 | 2.34 | 2.34 | 2.32 | 1.00 | down | 7.68E-01 | 9.59E-01 | --- | --- | | | | |
| 1396439_at | --- | --- | --- | --- | Rn.103382 | BE079826 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.00 | down | 8.73E-01 | 9.52E-01 | --- | --- | | | |
| 1396440_at | --- | --- | --- | --- | BE068310 | 2.39 | 2.38 | 2.40 | 2.39 | 2.40 | 2.38 | 1.00 | down | 8.82E-01 | 9.64E-01 | --- | --- | | | | |
| 1396441_at | --- | --- | --- | --- | BF404154 | 2.75 | 2.72 | 2.76 | 2.75 | 2.76 | 2.73 | 1.00 | up | 9.33E-01 | 9.81E-01 | --- | --- | | | | |
| 1396442_at | --- | --- | --- | --- | Rn.15231 | AA683131 | 2.34 | 2.34 | 2.35 | 2.35 | 2.35 | 2.33 | 1.00 | down | 8.75E-01 | 9.75E-01 | --- | --- | | | |
| 1396443_at | --- | --- | --- | --- | Rn.62438 | BF413720 | 2.19 | 2.19 | 2.20 | 2.19 | 2.19 | 2.19 | 1.00 | down | 7.44E-01 | 9.17E-01 | --- | --- | | | |
| 1396444_at | --- | --- | --- | --- | Rn.50808 | BE120591 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 2.33 | 1.00 | down | 8.16E-01 | 9.36E-01 | --- | --- | | | |
| 1396445_at | --- | --- | --- | --- | Rn.10117 | NM_053879 | 2.36 | 2.35 | 2.37 | 2.36 | 2.37 | 2.35 | 1.00 | down | 8.83E-01 | 9.64E-01 | --- | --- | | | |
| 1396446_at | --- | --- | --- | --- | Rn.209936 | BF391881 | 2.59 | 2.57 | 2.64 | 2.60 | 2.66 | 2.55 | 1.00 | up | 9.74E-01 | 9.92E-01 | --- | --- | | | |
| 1396447_at | --- | --- | --- | --- | Rn.831975 | AW104321 | 2.32 | 2.31 | 2.33 | 2.32 | 2.33 | 2.32 | 1.00 | down | 8.13E-01 | 9.39E-01 | --- | --- | | | |
| 1396448_at | --- | --- | --- | --- | Rn.22419 | GC378066 | 2.35 | 2.35 | 2.36 | 2.35 | 2.37 | 2.34 | 1.00 | down | 8.77E-01 | 9.62E-01 | --- | --- | | | |
| 1396449_at | --- | --- | --- | --- | Rn.16709 | GC374285 | 2.35 | 2.34 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | down | 9.12E-01 | 9.74E-01 | --- | --- | | | |
| 1396450_at | --- | --- | --- | --- | Rn.15156 | BF403311 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 | 1.00 | down | 7.92E-01 | 9.19E-01 | --- | --- | | | |
| 1396451_at | --- | --- | --- | --- | BE096754 | 2.40 | 2.39 | 2.40 | 2.39 | 2.41 | 2.38 | 1.00 | down | 9.04E-01 | 9.71E-01 | --- | --- | | | | |
| 1396452_at | --- | --- | --- | --- | Rn.52464 | BE120591 | 2.47 | 2.46 | 2.48 | 2.47 | 2.48 | 2.47 | 1.00 | down | 9.41E-01 | 9.86E-01 | --- | --- | | | |
| 1396453_at | --- | --- | --- | --- | Rn.33372 | AW252054 | 2.55 | 2.55 | 2.55 | 2.55 | 2.56 | 2.54 | 1.00 | down | 8.08E-01 | 9.38E-01 | --- | --- | | | |
| 1396454_at | --- | --- | --- | --- | AD03465 | 2.38 | 2.37 | 2.38 | 2.37 | 2.39 | 2.36 | 1.00 | down | 9.15E-01 | 9.75E-01 | --- | --- | | | | |
| 1396455_at | --- | --- | --- | --- | Rn.39820 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.00 | down | 8.17E-01 | 9.52E-01 | --- | --- | | | | |
| 1396456_at | --- | --- | --- | --- | AA12410 | 2.39 | 2.38 | 2.40 | 2.37 | 2.39 | 2.38 | 1.00 | down | 9.28E-01 | 9.80E-01 | --- | --- | | | | |
| 1396457_at | --- | --- | --- | --- | Rn.40599 | NM_015885 | 2.39 | 2.38 | 2.40 | 2.39 | 2.41 | 2.38 | 1.00 | down | 9.16E-01 | 9.76E-01 | --- | --- | | | |
| 1396458_at | --- | --- | --- | --- | Rn.146798 | AF69338 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 7.21E-01 | 9.11E-01 | --- | --- | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log2) | | | | | | | | | | FC/Abouse | Resuspension | Unpaired t-test (vs. CH) (log2) | | REG | MTC |
|--|-------------|--|---------|------------|-----------|-------------------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|---------------------------------|-----|-----|-----|
| | | | | | | SEPS (Cn) | SEPS (Ca) | SEPS (S) | SEPS (Co) | SEPS (Se) | SEPS (Ca) | SEPS (Ca) | SEPS (Ca) | SEPS (Ca) | SEPS (Ca) | | | | | | |
| 138211_at | --- | --- | 313202 | Rn.214130 | BE116091 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.35 | 1.00 | up | 8.24E-01 | 9.44E-01 | --- | --- | | |
| 139541_at | --- | --- | --- | Rn.34081 | BF401159 | 2.29 | 2.29 | 2.30 | 2.29 | 2.31 | 2.28 | 2.29 | 1.00 | down | 9.06E-01 | 9.71E-01 | --- | --- | | | |
| 139626_at | --- | --- | --- | Rn.141377 | BM389621 | 2.39 | 2.39 | 2.38 | 2.39 | 2.38 | 2.40 | 2.39 | 1.00 | down | 8.19E-01 | 9.24E-01 | --- | --- | | | |
| 139694_4_at | Pde4b | phosphodiesterase 4B, cAMP specific | 24826 | Rn.37733 | AF202733 | 2.40 | 2.39 | 2.41 | 2.39 | 2.42 | 2.38 | 2.40 | 1.00 | up | 8.44E-01 | 9.84E-01 | --- | --- | | | |
| 139695_4_at | ApoA | apolipoprotein A-I (class I), lipoprotein | 22565 | Rn.198159 | AF202733 | 2.42 | 2.42 | 2.41 | 2.42 | 2.41 | 2.42 | 2.41 | 1.00 | down | 8.34E-01 | 9.64E-01 | --- | --- | | | |
| 139698_10_at | Dmd | dyshematin, muscular dystrophy | 24907 | Rn.10307 | NM_012668 | 2.39 | 2.38 | 2.40 | 2.39 | 2.41 | 2.38 | 2.40 | 1.00 | up | 8.37E-01 | 9.82E-01 | --- | --- | | | |
| 139749_at | Sdc1 | syndecan 1 | 25216 | Rn.11176 | NM_012628 | 2.38 | 2.35 | 2.38 | 2.37 | 2.37 | 2.37 | 2.36 | 1.00 | down | 8.20E-01 | 9.78E-01 | --- | --- | | | |
| 139749_10_at | --- | --- | --- | Rn.22356 | BA857002 | 2.48 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 2.47 | 1.00 | down | 8.14E-01 | 9.64E-01 | --- | --- | | | |
| 139814_at | --- | --- | --- | Rn.21596 | BF403849 | 2.41 | 2.40 | 2.42 | 2.40 | 2.44 | 2.38 | 2.40 | 1.00 | up | 8.52E-01 | 9.86E-01 | --- | --- | | | |
| 139814_10_at | Rn.202 | RNA binding motif protein 20 | 36584 | Rn.156983 | AW525290 | 2.39 | 2.37 | 2.37 | 2.35 | 2.37 | 2.35 | 2.36 | 1.00 | down | 8.18E-01 | 9.70E-01 | --- | --- | | | |
| 139816_at | Rn.207 | ring finger protein 207 | 691246 | Rn.156983 | AW525290 | 2.19 | 2.18 | 2.19 | 2.19 | 2.19 | 2.18 | 2.19 | 1.00 | down | 7.46E-01 | 9.18E-01 | --- | --- | | | |
| 139817_10_at | --- | --- | --- | Rn.62139 | BF412681 | 2.54 | 2.49 | 2.54 | 2.52 | 2.52 | 2.52 | 2.52 | 1.00 | up | 8.46E-01 | 9.85E-01 | --- | --- | | | |
| 139871_at | --- | --- | --- | Rn.159816 | BE117402 | 2.36 | 2.35 | 2.39 | 2.36 | 2.37 | 2.35 | 2.36 | 1.00 | down | 8.07E-01 | 9.72E-01 | --- | --- | | | |
| 139893_at | Vangl2 | vang-like 2 (van gogh, Drosophila) | 298229 | Rn.198958 | BE104373 | 2.51 | 2.48 | 2.52 | 2.53 | 2.52 | 2.47 | 2.50 | 1.00 | up | 8.65E-01 | 9.90E-01 | --- | --- | | | |
| 139910_10_at | E2f8 | E2F transcription factor 8 | 308607 | Rn.15267 | AJ231055 | 2.41 | 2.41 | 2.42 | 2.40 | 2.44 | 2.40 | 2.40 | 1.00 | up | 8.32E-01 | 9.81E-01 | --- | --- | | | |
| 139920_10_at | --- | --- | --- | Rn.168494 | BF412839 | 2.39 | 2.38 | 2.40 | 2.38 | 2.40 | 2.39 | 2.40 | 1.00 | down | 8.11E-01 | 9.73E-01 | --- | --- | | | |
| 139960_10_at | --- | --- | --- | Rn.107801 | BE128355 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 2.30 | 2.30 | 1.00 | down | 8.07E-01 | 9.65E-01 | --- | --- | | | |
| 139960_10_10_at | --- | --- | --- | Rn.98831 | AJ058953 | 2.34 | 2.33 | 2.36 | 2.34 | 2.37 | 2.33 | 2.34 | 1.00 | down | 8.44E-01 | 9.84E-01 | --- | --- | | | |
| 139969_10_at | Myip | myosin VIIA and Rab interacting protein | 360034 | Rn.161974 | BF254440 | 2.32 | 2.31 | 2.33 | 2.32 | 2.33 | 2.32 | 2.32 | 1.00 | down | 8.62E-01 | 9.57E-01 | --- | --- | | | |
| 139972_10_at | Pad | pleckstrin and Sec domain containing | 171381 | Rn.64489 | NM_134370 | 2.36 | 2.35 | 2.36 | 2.36 | 2.36 | 2.34 | 2.34 | 1.00 | down | 8.87E-01 | 9.65E-01 | --- | --- | | | |
| 139972_10_10_at | PKnox2 | protein kinase, AMP-activated, beta 2, non-catalytic subunit | 64562 | Rn.207202 | NM_022827 | 2.32 | 2.31 | 2.32 | 2.32 | 2.33 | 2.31 | 2.31 | 1.00 | down | 8.88E-01 | 9.65E-01 | --- | --- | | | |
| 139982_10_at | Sgpl1 | SH3 domain GRB2-like (endophilin) interacting protein 1 | 313413 | Rn.19477 | BE126728 | 2.36 | 2.35 | 2.37 | 2.36 | 2.37 | 2.35 | 2.35 | 1.00 | down | 9.02E-01 | 9.70E-01 | --- | --- | | | |
| 139982_10_10_at | --- | --- | --- | Rn.147673 | AW530302 | 2.54 | 2.53 | 2.57 | 2.53 | 2.59 | 2.51 | 2.51 | 1.00 | down | 8.71E-01 | 9.71E-01 | --- | --- | | | |
| 139982_10_10_10_at | --- | --- | --- | Rn.70796 | NM_013349 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 1.00 | down | 8.25E-01 | 9.34E-01 | --- | --- | | | |
| 139984_10_at | Aplnr | apelin receptor | 83518 | Rn.159858 | BF399586 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.38 | 2.38 | 1.00 | down | 8.39E-01 | 9.85E-01 | --- | --- | | | |
| 139984_10_10_at | --- | --- | --- | Rn.165242 | BF164040 | 2.28 | 2.27 | 2.28 | 2.27 | 2.29 | 2.28 | 2.28 | 1.00 | down | 8.12E-01 | 9.74E-01 | --- | --- | | | |
| 139984_10_10_10_at | --- | --- | --- | Rn.137565 | BF164040 | 2.28 | 2.27 | 2.28 | 2.27 | 2.29 | 2.27 | 2.27 | 1.00 | down | 8.86E-01 | 9.67E-01 | --- | --- | | | |
| 139985_10_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | up | 9.79E-01 | 9.94E-01 | --- | --- | | | |
| 139985_10_10_at | --- | --- | --- | Rn.147091 | BF439398 | 2.47 | 2.48 | 2.48 | 2.54 | 2.47 | 2.41 | 2.41 | 1.00 | up | 8.86E-01 | 9.84E-01 | --- | --- | | | |
| 139985_10_10_10_at | --- | --- | --- | Rn.125753 | BF420511 | 2.39 | 2.37 | 2.42 | 2.39 | 2.40 | 2.40 | 2.40 | 1.00 | up | 9.41E-01 | 9.83E-01 | --- | --- | | | |
| 139986_10_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | up | 9.31E-01 | 9.81E-01 | --- | --- | | | |
| 139986_10_10_at | Sorbs3 | sortin and SH3 domain containing 3 | 282843 | Rn.63481 | BE111006 | 2.34 | 2.34 | 2.36 | 2.34 | 2.37 | 2.33 | 2.33 | 1.00 | down | 8.78E-01 | 9.68E-01 | --- | --- | | | |
| 139987_10_at | Lor | lorotin | 502541 | Rn.162908 | BE178083 | 2.26 | 2.25 | 2.27 | 2.26 | 2.27 | 2.26 | 2.26 | 1.00 | down | 8.75E-01 | 9.81E-01 | --- | --- | | | |
| 139987_10_10_at | --- | --- | --- | Rn.205850 | BF412839 | 2.39 | 2.35 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 1.00 | down | 8.28E-01 | 9.33E-01 | --- | --- | | | |
| 139987_10_10_10_at | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.00 | down | 9.30E-01 | 9.80E-01 | --- | --- | | | |
| 139987_10_10_10_10_at | --- | --- | --- | Rn.208877 | BF410468 | 2.32 | 2.31 | 2.32 | 2.31 | 2.32 | 2.31 | 2.31 | 1.00 | down | 8.22E-01 | 9.43E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_at | --- | --- | --- | Rn.210330 | BF371763 | 2.29 | 2.28 | 2.35 | 2.28 | 2.35 | 2.28 | 2.28 | 1.00 | down | 8.45E-01 | 9.45E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_at | --- | --- | --- | Rn.50228 | BJ281586 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 1.00 | down | 7.49E-01 | 9.19E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.131198 | BE110281 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 2.31 | 1.00 | down | 8.18E-01 | 9.64E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.216870 | AT236919 | 2.29 | 2.28 | 2.29 | 2.28 | 2.30 | 2.28 | 2.28 | 1.00 | up | 8.21E-01 | 9.77E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.106884 | AW525817 | 4.89 | 5.27 | 4.52 | 4.90 | 4.89 | 4.89 | 4.89 | 1.00 | down | 8.97E-01 | 9.98E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.82675 | BQ969074 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.33 | 2.33 | 1.00 | down | 8.85E-01 | 9.84E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.20195 | BM390382 | 2.37 | 2.36 | 2.38 | 2.37 | 2.39 | 2.38 | 2.38 | 1.00 | up | 9.38E-01 | 9.82E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.20240 | AW511880 | 2.46 | 2.44 | 2.48 | 2.45 | 2.51 | 2.43 | 2.43 | 1.00 | up | 8.73E-01 | 9.92E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.92324 | LQ512334 | 2.35 | 2.35 | 2.37 | 2.35 | 2.37 | 2.35 | 2.35 | 1.00 | down | 8.40E-01 | 9.68E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.22079 | AR027119 | 2.19 | 2.19 | 2.19 | 2.19 | 2.19 | 2.19 | 2.19 | 1.00 | down | 8.60E-01 | 9.05E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.45464 | AW525817 | 2.38 | 2.35 | 2.38 | 2.37 | 2.38 | 2.36 | 2.36 | 1.00 | down | 8.15E-01 | 9.65E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.37524 | Y08333 | 6.47 | 4.80 | 4.07 | 4.83 | 4.77 | 5.74 | 5.74 | 1.00 | down | 8.99E-01 | 1.00E+00 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.169518 | BF288259 | 2.28 | 2.27 | 2.28 | 2.27 | 2.27 | 2.27 | 2.27 | 1.00 | down | 8.20E-01 | 9.42E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.21339 | BF288259 | 2.31 | 2.29 | 2.31 | 2.30 | 2.30 | 2.30 | 2.30 | 1.00 | up | 8.82E-01 | 9.84E-01 | --- | --- | | | |
| 139987_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_10_at | --- | --- | --- | Rn.179555 | BM382626 | 2.33 | 2.32 | 2.34 | 2.33 | 2.33 | 2.32 | 2.32 | 1.00 | down | 8.47E-01 | 9.52E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.16214 | BE111006 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 8.70E-01 | 9.68E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.36184 | AW525817 | 2.34 | 2.33 | 2.35 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 8.60E-01 | 9.05E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.16105 | BF418105 | 2.32 | 2.31 | 2.32 | 2.31 | 2.34 | 2.30 | 2.30 | 1.00 | down | 8.34E-01 | 9.81E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.162906 | BF418105 | 2.38 | 2.38 | 2.38 | 2.37 | 2.38 | 2.38 | 2.38 | 1.00 | down | 8.13E-01 | 9.75E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.202832 | BE120443 | 2.69 | 2.81 | 2.73 | 2.77 | 2.87 | 2.67 | 2.67 | 1.00 | up | 9.91E-01 | 9.97E-01 | --- | --- | | | |
| 139987_10_at | --- | --- | --- | Rn.20000 | BE110907 | 2.39 | 2.38 | 2.39 | 2.38 | 2.40 | 2.38 | | | | | | | | | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensity (log) | | | | | | | | | FCRAhouse | Residual | Unpaired t-test | Clus vs Clus (log2) | (log2) | REG | MTC |
|------------|-------------|---|----------|------------|-----------|----------------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|-----------|----------|-----------------|---------------------|--------|-----|-----|
| | | | | | | SEPs (Cis) | SEPs (Trn) | SEPs (5') | SEPs (3') | SEPs (Cis) | SEPs (Trn) | SEPs (5') | SEPs (3') | SEPs (Cis) | | | | | | | |
| 136956_at | --- | --- | --- | Rn.55081 | BE120371 | 2.32 | 2.31 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 9.93E-01 | 9.70E-01 | --- | --- | |
| 137229_at | Korina1 | potassium large conductance calcium-activated channel, subfamily M, alpha 1 | 87371 | Rn.30616 | AI010839 | 2.38 | 2.37 | 2.40 | 2.40 | 2.39 | 2.36 | 2.36 | 2.36 | 1.00 | up | 9.75E-01 | 9.92E-01 | --- | --- | | |
| 136933_at | Ppp13b | protein phosphatase 1, regulatory (inhibitor) subunit 3B | 192280 | Rn.30046 | AW520521 | 2.36 | 2.36 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | down | 9.93E-01 | 9.90E-01 | --- | --- | | |
| 137161_at | B4glnt1 | UDP-glucosyltransferase 2 family 1, polypeptide 1 | 24390 | Rn.1715157 | BE120371 | 2.32 | 2.31 | 2.33 | 2.32 | 2.34 | 2.31 | 2.31 | 2.31 | 1.00 | down | 9.93E-01 | 9.92E-01 | --- | --- | | |
| 136952_at | --- | --- | --- | Rn.148842 | BE104435 | 2.37 | 2.36 | 2.38 | 2.37 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | down | 9.94E-01 | 9.95E-01 | --- | --- | | |
| 1369877_at | Sol1 | solute carrier family 14 (urea transporter), member 1 | 54301 | Rn.100554 | U81518 | 2.40 | 2.33 | 2.41 | 2.35 | 2.47 | 2.33 | 2.33 | 2.33 | 1.00 | up | 9.95E-01 | 9.98E-01 | --- | --- | | |
| 1319195_at | Rnf151 | ring finger protein 151 | 302077 | Rn.802976 | BE120371 | 2.35 | 2.34 | 2.35 | 2.34 | 2.35 | 2.35 | 2.35 | 2.35 | 1.00 | down | 9.92E-01 | 9.79E-01 | --- | --- | | |
| 137275_at | Cttnbp1p1 | catenin, beta-interacting protein 1 | 503000 | Rn.36076 | RI275728 | 2.43 | 2.49 | 2.36 | 2.40 | 2.36 | 2.51 | 2.51 | 2.51 | 1.00 | down | 9.93E-01 | 9.98E-01 | --- | --- | | |
| 137543_at | --- | --- | --- | Rn.17900 | BE120371 | 2.31 | 2.32 | 2.34 | 2.33 | 2.32 | 2.30 | 2.30 | 2.30 | 1.00 | down | 9.93E-01 | 9.92E-01 | --- | --- | | |
| 137543_at | --- | --- | --- | Rn.113157 | BE113157 | 2.10 | 2.10 | 2.11 | 2.10 | 2.11 | 2.10 | 2.10 | 2.10 | 1.00 | down | 9.94E-01 | 9.95E-01 | --- | --- | | |
| 138526_at | Alg5 | ATG5 autophagy related 5 homolog (S. cerevisiae) | 365601 | Rn.98385 | AA956721 | 6.39 | 6.97 | 7.75 | 6.96 | 6.97 | 7.17 | 7.17 | 7.17 | 1.00 | down | 9.99E-01 | 1.00E+00 | --- | --- | | |
| 137919_at | Gln4 | GDNF family receptor class 4 | 607303 | Rn.64500 | AZ94475 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.27 | 2.27 | 2.27 | 1.00 | down | 9.97E-01 | 9.79E-01 | --- | --- | | |
| 137951_at | Wnt11 | wingless-type MMTV integration site family, member 11 | 140584 | Rn.55941 | AA445807 | 2.25 | 2.25 | 2.26 | 2.25 | 2.26 | 2.25 | 2.25 | 2.25 | 1.00 | up | 9.94E-01 | 9.90E-01 | --- | --- | | |
| 137675_at | Sy19 | synaptotagmin IX | 173640 | Rn.10194 | NM_053324 | 2.26 | 2.25 | 2.28 | 2.25 | 2.27 | 2.25 | 2.25 | 2.25 | 1.00 | down | 9.94E-01 | 9.83E-01 | --- | --- | | |
| 1369287_at | Glycam1 | glycosylated protein dependent cell adhesion molecule 1 | 25256 | Rn.10939 | NM_012794 | 2.28 | 2.37 | 2.40 | 2.38 | 2.39 | 2.39 | 2.39 | 2.39 | 1.00 | up | 9.95E-01 | 9.86E-01 | --- | --- | | |
| 1391804_at | Pfprh | protein tyrosine phosphatase, receptor type, H | 117125 | Rn.10285 | NM_133952 | 2.32 | 2.31 | 2.32 | 2.32 | 2.32 | 2.30 | 2.30 | 2.30 | 1.00 | down | 9.94E-01 | 9.85E-01 | --- | --- | | |
| 1384697_at | --- | --- | --- | Rn.202213 | BF420405 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 2.34 | 2.34 | 2.34 | 1.00 | up | 9.94E-01 | 9.86E-01 | --- | --- | | |
| 1386556_at | --- | --- | --- | Rn.210007 | BF410956 | 2.38 | 2.35 | 2.37 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 1.00 | up | 9.92E-01 | 9.83E-01 | --- | --- | | |
| 1392228_at | Acap3 | ARHGAP with coiled-coil, ankyrin repeat and PH domains 3 | 313772 | Rn.146386 | AK65191 | 2.29 | 2.28 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 9.96E-01 | 9.91E-01 | --- | --- | | |
| 1376736_at | LOC688990 | hypothetical protein LOC688990 | 688990 | Rn.37303 | BC373419 | 2.39 | 2.38 | 2.40 | 2.38 | 2.41 | 2.37 | 2.37 | 2.37 | 1.00 | down | 9.73E-01 | 9.92E-01 | --- | --- | | |
| 1381097_at | --- | --- | --- | Rn.10285 | AW520521 | 2.18 | 2.18 | 2.19 | 2.18 | 2.19 | 2.18 | 2.18 | 2.18 | 1.00 | down | 9.81E-01 | 9.94E-01 | --- | --- | | |
| 1387132_at | Lipe | lipase, hormone sensitive | 25330 | Rn.10566 | NM_012859 | 2.41 | 2.40 | 2.42 | 2.41 | 2.42 | 2.40 | 2.40 | 2.40 | 1.00 | down | 9.93E-01 | 9.86E-01 | --- | --- | | |
| 1383554_at | RD1564327 | similar to integrin alpha 8 | 364786 | Rn.69726 | BE120766 | 2.47 | 2.46 | 2.47 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 1.00 | down | 9.40E-01 | 9.83E-01 | --- | --- | | |
| 1376870_at | Chn2t1 | Cholera toxin receptor, nicotinic, beta 1 (muscle) | 34261 | Rn.44811 | BF463312 | 2.47 | 2.46 | 2.47 | 2.46 | 2.46 | 2.46 | 2.46 | 2.46 | 1.00 | down | 9.96E-01 | 9.91E-01 | --- | --- | | |
| 1373421_at | Tgfr1 | TGF-beta induced factor homeobox 1 | 316742 | Rn.154349 | BM392224 | 5.04 | 4.75 | 5.19 | 4.55 | 5.42 | 5.01 | 5.01 | 5.01 | 1.00 | up | 9.99E-01 | 1.00E+00 | --- | --- | | |
| 1376863_at | --- | --- | --- | Rn.57713 | A044986 | 2.48 | 2.48 | 2.48 | 2.48 | 2.48 | 2.47 | 2.47 | 2.47 | 1.00 | down | 9.93E-01 | 9.70E-01 | --- | --- | | |
| 1382633_at | --- | --- | --- | Rn.163720 | A098945 | 2.43 | 2.42 | 2.43 | 2.42 | 2.45 | 2.40 | 2.40 | 2.40 | 1.00 | down | 9.77E-01 | 9.73E-01 | --- | --- | | |
| 1386241_at | --- | --- | --- | Rn.192418 | BE120371 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 2.27 | 1.00 | down | 9.93E-01 | 9.72E-01 | --- | --- | | |
| 1376158_at | Bmi1 | breast cancer metastasis-suppressor 1 | 293668 | Rn.2839 | BF408114 | 2.79 | 3.03 | 2.80 | 2.87 | 2.92 | 2.84 | 2.84 | 2.84 | 1.00 | down | 9.96E-01 | 9.98E-01 | --- | --- | | |
| 1380070_at | Vps37b | vacuolar protein sorting 37 homolog B (S. cerevisiae) | 288859 | Rn.144032 | AI145953 | 2.39 | 2.37 | 2.40 | 2.38 | 2.39 | 2.39 | 2.39 | 2.39 | 1.00 | up | 9.96E-01 | 9.89E-01 | --- | --- | | |
| 1396848_at | --- | --- | --- | Rn.57880 | BF393477 | 2.22 | 2.22 | 2.22 | 2.22 | 2.22 | 2.22 | 2.22 | 2.22 | 1.00 | down | 9.88E-01 | 9.85E-01 | --- | --- | | |
| 1385201_at | Tmem182 | transmembrane protein 182 | 51129 | Rn.147922 | BE120371 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 1.00 | down | 9.93E-01 | 9.95E-01 | --- | --- | | |
| 1391567_at | Notch1 | Notch homolog 1, translocation-associated (Drosophila) | 25496 | Rn.25046 | AI052150 | 2.32 | 2.31 | 2.32 | 2.31 | 2.33 | 2.30 | 2.30 | 2.30 | 1.00 | down | 9.96E-01 | 9.89E-01 | --- | --- | | |
| 1379770_at | --- | --- | --- | Rn.153652 | BF404983 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 2.34 | 2.34 | 2.34 | 1.00 | up | 9.70E-01 | 9.91E-01 | --- | --- | | |
| 1390016_at | --- | --- | --- | Rn.200208 | BF410956 | 2.41 | 2.41 | 2.42 | 2.41 | 2.42 | 2.41 | 2.41 | 2.41 | 1.00 | down | 9.91E-01 | 9.94E-01 | --- | --- | | |
| 1391034_at | --- | --- | --- | Rn.10994 | BE110994 | 2.27 | 2.27 | 2.28 | 2.27 | 2.28 | 2.26 | 2.26 | 2.26 | 1.00 | up | 9.95E-01 | 9.87E-01 | --- | --- | | |
| 1397051_at | Sympo | synaptotagmin | 60324 | Rn.42910 | NM_021695 | 2.36 | 2.35 | 2.37 | 2.37 | 2.36 | 2.35 | 2.35 | 2.35 | 1.00 | up | 9.42E-01 | 9.83E-01 | --- | --- | | |
| 1371174_at | Suz2 | suppressor of zeste 2 | 24305 | Rn.99229 | X65241 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 2.32 | 1.00 | down | 9.96E-01 | 9.91E-01 | --- | --- | | |
| 1392448_at | Adenat | ADAM metalloproteinase domain 3A (cytostein 1) | 51901 | Rn.14542 | AA955119 | 2.42 | 2.40 | 2.42 | 2.41 | 2.43 | 2.39 | 2.39 | 2.39 | 1.00 | down | 9.79E-01 | 9.73E-01 | --- | --- | | |
| 1398821_at | --- | --- | --- | Rn.17340 | BE120371 | 2.32 | 2.32 | 2.33 | 2.32 | 2.34 | 2.31 | 2.31 | 2.31 | 1.00 | down | 9.96E-01 | 9.91E-01 | --- | --- | | |
| 1378447_at | Cyp7A1 | cytochrome P450, family 7, subfamily a, polypeptide 1 | 25428 | Rn.10377 | AA849699 | 2.58 | 2.62 | 2.65 | 2.62 | 2.61 | 2.62 | 2.62 | 2.62 | 1.00 | down | 9.85E-01 | 9.96E-01 | --- | --- | | |
| 1394859_at | --- | --- | --- | Rn.16888 | AA858748 | 2.36 | 2.35 | 2.36 | 2.35 | 2.37 | 2.35 | 2.35 | 2.35 | 1.00 | down | 9.42E-01 | 9.84E-01 | --- | --- | | |
| 1391521_at | Magk | mitogen activated protein kinase kinase kinase Kinase 1 | 26783 | Rn.137683 | AA274221 | 2.45 | 2.44 | 2.45 | 2.44 | 2.45 | 2.44 | 2.44 | 2.44 | 1.00 | down | 9.76E-01 | 9.93E-01 | --- | --- | | |
| 1397231_at | Shadow | Shadow of protein kinase homology (zebrafish) | 541462 | Rn.23342 | AW530922 | 2.34 | 2.34 | 2.34 | 2.34 | 2.34 | 2.33 | 2.33 | 2.33 | 1.00 | down | 9.96E-01 | 9.80E-01 | --- | --- | | |
| 1398886_at | --- | --- | --- | Rn.58553 | AI146907 | 2.59 | 2.55 | 2.59 | 2.56 | 2.64 | 2.52 | 2.52 | 2.52 | 1.00 | up | 9.92E-01 | 9.97E-01 | --- | --- | | |
| 1377300_at | RD1530725 | delta-like 4 (Drosophila) 20 open reading frame 102 | 362255 | Rn.38551 | AA549027 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 9.86E-01 | 9.85E-01 | --- | --- | | |
| 1379790_at | Dll4 | delta-like 4 (chromosome 10) | 311332 | Rn.147393 | BI208729 | 2.52 | 2.51 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 2.52 | 1.00 | down | 9.83E-01 | 9.48E-01 | --- | --- | | |
| 1391760_at | --- | --- | --- | Rn.18892 | BI209190 | 2.31 | 2.31 | 2.31 | 2.31 | 2.32 | 2.31 | 2.31 | 2.31 | 1.00 | down | 9.40E-01 | 9.83E-01 | --- | --- | | |
| 139271_at | Cars | cysteinyl-tRNA synthetase | 293638 | Rn.14685 | AI113182 | 2.36 | 2.36 | 2.37 | 2.36 | 2.36 | 2.36 | 2.36 | 2.36 | 1.00 | down | 9.93E-01 | 9.91E-01 | --- | --- | | |
| 1394700_at | Rib2 | ribosomal protein L2 | 257874 | Rn.10387 | BE120371 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 1.00 | down | 9.96E-01 | 9.72E-01 | --- | --- | | |
| 1396807_at | Bdkrl1 | bradykinin receptor 1 | 61509 | Rn.10762 | NM_038811 | 2.30 | 2.29 | 2.31 | 2.30 | 2.32 | 2.29 | 2.29 | 2.29 | 1.00 | down | 9.97E-01 | 9.90E-01 | --- | --- | | |
| 1397974_at | Opn1 | oprophorin 1 | 312108 | Rn.171001 | BE110207 | 2.28 | 2.27 | 2.29 | 2.28 | 2.29 | 2.28 | 2.28 | 2.28 | 1.00 | up | 9.47E-01 | 9.85E-01 | --- | --- | | |
| 1398687_at | Rln3 | Ralin3 | 266997 | Rn.45123 | AW521175 | 2.41 | 2.41 | 2.43 | 2.41 | 2.43 | 2.40 | 2.40 | 2.40 | 1.00 | down | 9.72E-01 | 9.92E-01 | --- | --- | | |
| 1372665_at | Ati3 | ADP-ribosyltransferase 3 | 305295 | Rn.40377 | AI104393 | 2.28 | 2.27 | 2.29 | 2.27 | 2.29 | 2.27 | 2.27 | 2.27 | 1.00 | down | 9.86E-01 | 9.91E-01 | --- | --- | | |
| 1392740_at | --- | --- | --- | Rn.18910 | AI071624 | 2.32 | 2.32 | 2.34 | 2.32 | 2.34 | 2.32 | 2.32 | 2.32 | 1.00 | down | 9.97E-01 | 9.73E-01 | --- | --- | | |
| 1398872_at | Rnf123 | ring finger protein 123 | 10019036 | Rn.20387 | A008996 | 2.62 | 2.62 | 2.62 | 2.62 | 2.62 | 2.62 | 2.62 | 2.62 | 1.00 | down | 9.12E-01 | 9.74E-01 | --- | --- | | |

| ProbeSetID | Gene Symbol | Gene Title | Gene ID | UniGene ID | Public ID | GCRA Intensities (log) | | | | | FCRAhouse | Residual | Unpaired t-test (Cis vs. Cnt) (p-value) | REG | MTC | |
|------------|-------------|--|---------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|----------|---|----------|----------|--|
| | | | | | | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | SEFP (Cn) | | | | | | |
| 1369333_at | Rims4 | regulating synaptic membrane exocytosis 2 | 116839 | Rn.161948 | NM_053945 | 2.75 | 2.76 | 2.82 | 2.74 | 2.74 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 139772_at | --- | --- | --- | Rn.17067 | BF390195 | 2.38 | 2.38 | 2.39 | 2.39 | 2.39 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 139745_at | --- | --- | --- | Rn.171477 | BE102926 | 2.34 | 2.33 | 2.32 | 2.32 | 2.34 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 139745_at | --- | --- | --- | Rn.171633 | BE119278 | 2.48 | 2.48 | 2.49 | 2.48 | 2.49 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1398033_at | --- | --- | --- | Rn.171212 | BE110929 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1394340_at | Inpp1 | inositol polyphosphate 1-phosphatase | 316376 | Rn.20228 | BF252172 | 2.45 | 2.44 | 2.45 | 2.44 | 2.45 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1395040_at | --- | --- | --- | Rn.20326 | BF400717 | 2.24 | 2.23 | 2.25 | 2.24 | 2.25 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1392920_at | --- | --- | --- | Rn.147871 | BF205612 | 2.36 | 2.35 | 2.37 | 2.35 | 2.37 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 139752_at | Dlga2 | diacylglycerol (Diacyl) homology-associated protein 2 | 116681 | Rn.10705 | NM_053911 | 2.35 | 2.33 | 2.37 | 2.35 | 2.36 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1396952_at | --- | --- | --- | Rn.14689 | BF390195 | 2.37 | 2.36 | 2.37 | 2.36 | 2.37 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1396844_at | Abcb9 | ATP-binding cassette, sub-family B (MDR/TAP), member 9 | 63886 | Rn.44870 | NM_022238 | 2.40 | 2.40 | 2.43 | 2.42 | 2.40 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1397980_at | Nun | nucleodextrin | 360577 | Rn.105982 | BI28437 | 2.49 | 2.49 | 2.50 | 2.49 | 2.50 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1397347_at | --- | --- | --- | Rn.173190 | BF394194 | 2.27 | 2.27 | 2.27 | 2.27 | 2.28 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1396716_at | --- | --- | --- | Rn.17067 | BF562934 | 2.41 | 2.40 | 2.43 | 2.40 | 2.43 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1397608_at | Ido1 | indoleamine 2,3-dioxygenase 1 | 60229 | Rn.64513 | NM_023973 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1370075_at | Cyp2c3 | cytochrome P450C23 | 289583 | Rn.40455 | NC04095 | 2.40 | 2.40 | 2.40 | 2.40 | 2.40 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1381718_at | --- | --- | --- | Rn.109530 | BE109530 | 2.16 | 2.16 | 2.16 | 2.16 | 2.17 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1379142_at | --- | --- | --- | Rn.173418 | BF390195 | 2.34 | 2.33 | 2.35 | 2.34 | 2.35 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1370741_at | Olfr1696 | olfactory receptor 1696 | 294158 | Rn.222102 | AF034866 | 2.27 | 2.26 | 2.27 | 2.27 | 2.27 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1398181_at | --- | --- | --- | Rn.58166 | BF394287 | 2.28 | 2.27 | 2.28 | 2.27 | 2.29 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1381622_at | --- | --- | --- | Rn.161742 | BF419192 | 2.56 | 2.55 | 2.58 | 2.55 | 2.59 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1380913_at | --- | --- | --- | --- | BF374053 | 2.47 | 2.46 | 2.48 | 2.47 | 2.49 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1371001_at | --- | --- | --- | Rn.105613 | AI237038 | 2.29 | 2.28 | 2.30 | 2.29 | 2.29 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1383320_at | --- | --- | --- | Rn.209328 | BI303952 | 2.29 | 2.29 | 2.29 | 2.29 | 2.29 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1373867_at | --- | --- | --- | Rn.71420 | BF418590 | 2.36 | 2.35 | 2.38 | 2.36 | 2.36 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1394625_at | RGD1561530 | similar to Tle6 protein | 299337 | Rn.71420 | BM385215 | 2.63 | 2.57 | 2.73 | 2.59 | 2.79 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1387428_at | Cacnb1 | calcium channel, voltage-dependent, beta 1 subunit | 50688 | Rn.9417 | NM_017346 | 2.34 | 2.33 | 2.34 | 2.34 | 2.34 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1397441_at | LOC579949 | similar to CG452 PA, isoform A | 679949 | Rn.222110 | AA997596 | 2.23 | 2.23 | 2.24 | 2.23 | 2.24 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1382575_at | Wnt16 | wingless-type MMTV integration site family, member 16 | 500047 | Rn.209854 | BF391286 | 2.39 | 2.37 | 2.39 | 2.38 | 2.39 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1372744_at | --- | --- | --- | --- | BI269714 | 2.48 | 2.45 | 2.49 | 2.47 | 2.48 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1381582_at | Alp1 | ATPase, H+ transporting, lysosomal accessory protein 1-like | 361875 | Rn.73792 | AAV43378 | 2.25 | 2.24 | 2.25 | 2.24 | 2.26 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1386351_at | --- | --- | --- | Rn.133495 | AA92019 | 2.39 | 2.46 | 2.51 | 2.46 | 2.54 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1372734_at | Car1 | carboxic anhydrase 1 | 310218 | Rn.8954 | BM383006 | 2.31 | 2.29 | 2.32 | 2.30 | 2.33 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1394452_at | --- | --- | --- | Rn.172046 | BF284098 | 2.49 | 2.48 | 2.49 | 2.48 | 2.49 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1398008_at | Zfx2 | zinc finger homeobox 2 | 305888 | Rn.161359 | BE120953 | 2.38 | 2.37 | 2.38 | 2.38 | 2.38 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1371024_at | Pan3 | PNK3 polyA specific ribonuclease subunit homolog (S. cerevisiae) | 360760 | Rn.163191 | AW539177 | 2.31 | 2.30 | 2.32 | 2.31 | 2.33 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1386803_at | Ptfla | pleckstrin specific transcription factor, 1a | 117024 | Rn.103536 | NM_015038 | 2.62 | 2.62 | 2.65 | 2.62 | 2.64 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1386986_at | --- | --- | --- | --- | BF408444 | 2.29 | 2.28 | 2.30 | 2.29 | 2.30 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1394937_at | Ido5 | indoleamine 2,3-dioxygenase 5 | 314622 | Rn.91597 | AW526957 | 2.36 | 2.35 | 2.36 | 2.35 | 2.36 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1373513_at | --- | --- | --- | --- | AI012419 | 2.38 | 2.36 | 2.39 | 2.37 | 2.38 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1387573_at | Nfa2 | nuclear receptor subfamily 5, group A, member 2 | 60349 | Rn.42941 | NM_021742 | 2.38 | 2.37 | 2.39 | 2.37 | 2.39 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1394270_at | Mst1 | muskel syndrome, type 1 | 287612 | Rn.188893 | AW505133 | 2.31 | 2.31 | 2.32 | 2.31 | 2.32 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1373443_at | --- | --- | --- | --- | BF401187 | 2.41 | 2.36 | 2.41 | 2.43 | 2.42 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1394624_at | Mgp7 | membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7) | 307035 | Rn.34512 | AW530852 | 2.34 | 2.34 | 2.36 | 2.34 | 2.36 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1376336_at | --- | --- | --- | --- | AI145123 | 2.34 | 2.33 | 2.34 | 2.33 | 2.34 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1391752_at | --- | --- | --- | --- | BF394182 | 2.50 | 2.46 | 2.49 | 2.48 | 2.52 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1376336_at | --- | --- | --- | --- | Rn.81217 | BF401187 | 2.47 | 2.47 | 2.49 | 2.47 | 2.49 | 1.00 | down | 9.95E-01 | 9.95E-01 | |
| 1393472_at | --- | --- | --- | --- | AI072025 | 2.51 | 2.51 | 2.52 | 2.50 | 2.53 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1392335_at | --- | --- | --- | --- | BF404176 | 2.25 | 2.24 | 2.25 | 2.25 | 2.25 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1389332_at | Utx | ubiquitously transcribed tetratricopeptide repeat, X chromosome | 311778 | Rn.105638 | AI045686 | 2.43 | 2.42 | 2.43 | 2.42 | 2.43 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1388700_at | Kif1a | Kinesin family member 1A | 363288 | Rn.17373 | BI286860 | 2.35 | 2.35 | 2.36 | 2.35 | 2.36 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1397394_at | --- | --- | --- | Rn.204659 | BF412275 | 2.49 | 2.48 | 2.49 | 2.48 | 2.49 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1378424_at | Trm46 | Hspartite motif-containing 46 | 310641 | Rn.34764 | BI285748 | 2.18 | 2.18 | 2.19 | 2.18 | 2.19 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1386351_at | Scn10a | sodium channel, voltage-gated, type X, alpha subunit | 29571 | Rn.10248 | NM_017247 | 2.33 | 2.32 | 2.34 | 2.33 | 2.34 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1392101_at | --- | --- | --- | Rn.138393 | AA815418 | 2.42 | 2.42 | 2.43 | 2.42 | 2.43 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1375139_at | --- | --- | --- | --- | BF406295 | 2.38 | 2.37 | 2.39 | 2.39 | 2.39 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1375686_at | --- | --- | --- | --- | Rn.50211 | BE102845 | 2.28 | 2.27 | 2.28 | 2.27 | 2.28 | 1.00 | up | 9.95E-01 | 9.95E-01 | |
| 1386892_at | --- | --- | --- | --- | NM_018589 | 2.27 | 2.26 | 2.27 | 2.26 | 2.27 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1391002_at | --- | --- | --- | --- | Rn.18142 | AA810280 | 2.26 | 2.26 | 2.27 | 2.26 | 2.27 | 1.00 | down | 9.95E-01 | 9.95E-01 | |
| 1390999_at | LEP11 | leucine rich repeat transmembrane neuronal 1 | 679968 | Rn.177424 | BF152089 | 2.33 | 2.31 | 2.34 | 2.32 | 2.33 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1386351_at | Doxk3 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, C-linked huntingtin-associated protein 1 | 317335 | Rn.95841 | BC667163 | 8.39 | 8.48 | 8.70 | 8.35 | 8.62 | 1.00 | down | 9.95E-01 | 1.00E+00 | | |
| 1386351_at | Hsp1 | heat shock protein 1 | 29430 | Rn.37430 | AA112750 | 2.21 | 2.21 | 2.22 | 2.21 | 2.22 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1392204_at | Tsc22d4 | TSC22 domain family, member 4 | 694980 | Rn.241359 | BE120953 | 2.38 | 2.38 | 2.39 | 2.38 | 2.39 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1388450_at | --- | --- | --- | --- | BI279570 | 8.22 | 8.26 | 8.33 | 8.13 | 8.31 | 1.00 | up | 9.95E-01 | 1.00E+00 | | |
| 1391002_at | Cadherin2 | cadherin (cadherin-associated protein), delta 2 (neurial plakophilin-related arm) | 114028 | Rn.15193 | BC375961 | 2.26 | 2.25 | 2.26 | 2.26 | 2.27 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1386726_at | Enpp1 | ectonucleoside triphosphate diphosphatase 1 | 25314 | Rn.102943 | BE102943 | 2.39 | 2.38 | 2.39 | 2.38 | 2.40 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1381718_at | --- | --- | --- | --- | BE105488 | 2.45 | 2.44 | 2.49 | 2.44 | 2.50 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1394625_at | --- | --- | --- | --- | AI222626 | 2.33 | 2.33 | 2.34 | 2.33 | 2.33 | 1.00 | down | 9.95E-01 | 9.95E-01 | | |
| 1395649_at | Lhp4 | lipoma HMGIC fusion partner-like 4 | 353230 | Rn.145133 | BF542654 | 2.29 | 2.28 | 2.29 | 2.28 | 2.29 | 1.00 | up | 9.95E-01 | 9.95E-01 | | |
| 1392131_at | --- | --- | --- | --- | AI012870 | 2.44 | 2.45 | 2.47 | 2.45 | 2.46 | 1 | | | | | |

ENRICHED PATHWAYS

| KEGG Pathway | #Genes | Coeff | Odd ratio | P-Value | FDR | Enriched | Genes | Gene symbols |
|---|--------|-------------|-------------|----------|-------------|----------|--|--|
| Ribosome | 66 | 0.618914585 | 46.8200529 | 6.97E-18 | 1.44E-15 | enriched | 28298 , 29236 , 29282 , 29288 , 29304 , 64205 , 81768 , 94266 , 140654 , 140655 , 140661 , 287417 , 290641 , 291434 , 293418 , 296709 , 297755 | Rps6, Rpsa, Rpl17, Rps3a, Rps3, Rps16, Rpl26, Rpl22, Rps27, Rplp0, Rpl35, Rpl18a, Rpl23, Rpl7, Rpl32, Rplp1, Rpl27a |
| Protein processing in endoplasmic reticulum | 140 | 0.374511813 | 10.25170616 | 2.86E-09 | 2.96E-07 | enriched | 24224 , 24887 , 25596 , 79255 , 81784 , 85430 , 192235 , 286900 , 287275 , 287280 , 288444 , 289754 , 297504 , 298068 , 299331 , 361233 , 362356 , 500972 , 689134 | Bcl2, Bax, Hsp90aa1, Xbp1, Atf4, Hyou1, Rpn1, Herpud1, Vimp, Cul1, Skp1, Hsph1, Ssr3, Edem1, Sec61b, Sst3a, Sec61g, Ssr1, Sec24a |
| Protein export | 21 | 0.616556251 | 46.13885661 | 7.29E-09 | 5.03E-07 | enriched | 293142 , 298068 , 498351 , 689134 , 691393 | Oxa11, Sec61b, Spcs2, Sec61g, Srp72, Srp72 |
| Peroxisome | 68 | 0.328236227 | 7.689528868 | 2.20E-04 | 0.009125253 | enriched | 25270 , 25284 , 79244 , 85255 , 94340 , 113956 , 114027 , 305581 , 310645 | Amacr, Abcd3, Acsl5, Dao, Hsd17b4, Pecr, Pmvk, Hac1, Pex13 |
| Terpenoid backbone biosynthesis | 12 | 0.524015975 | 25.95992294 | 4.12E-04 | 0.012196616 | enriched | 24450 , 89784 , 310645 | Hmgcs2, Pmvk, Idi1 |

DIRECTIONAL ANALYSIS

| KEGG Pathway | #Genes | Coeff | Odd ratio | P-Value | FDR | Direction | Genes | Gene symbol |
|---|--------|--------------|-------------|----------|-------------|-----------|--|--|
| Ribosome | 62 | 0.774370575 | 123.0277138 | 8.79E-26 | 1.82E-23 | up | 140654 , 140655 , 140661 , 287417 , 290641 , 291434 , 29236 , 29282 , 29288 , 29304 , 293418 , 296709 , 297755 , 64205 , 81768 , 94266 | Rps6, Rpsa, Rpl17, Rps3a, Rps3, Rps16, Rpl26, Rpl22, Rps27, Rplp0, Rpl35, Rpl18a, Rpl23, Rpl7, Rplp1, Rpl27a |
| Protein export | 19 | 0.723316768 | 89.57983565 | 7.28E-11 | 7.53E-09 | up | 293142 , 498351 , 689134 , 691393 | Oxa11, Spcs2, Sec61g, Srp72, Srp72 |
| Protein processing in endoplasmic reticulum | 136 | 0.351071919 | 8.86201701 | 4.89E-10 | 3.38E-08 | up | 192235 , 24224 , 25596 , 286900 , 287275 , 289754 , 297504 , 361233 , 362356 , 500972 , 689134 , 79255 , 81784 , 85430 | Bcl2, Xbp1, Atf4, Hyou1, Rpn1, Herpud1, Vimp, Cul1, Ssr3, Edem1, Sst3a, Sec61g, Ssr1, Sec24a |
| Terpenoid backbone biosynthesis | 12 | -0.553522884 | 0.032067001 | 1.21E-04 | 0.004158625 | down | 24450 , 310645 , 89784 | Hmgcs2, Pmvk, Idi1 |
| Peroxisome | 67 | -0.304390515 | 0.150820068 | 3.27E-04 | 0.009666056 | down | 113956 , 114027 , 25270 , 25284 , 305581 , 310645 , 79244 , 85255 | Amacr, Abcd3, Dao, Hsd17b4, Pecr, Pmvk, Hac1, Pex13 |

| gene | species | sense sequence | antisense sequence | amplicon size | intron size |
|--------------|----------------|-----------------------|---------------------------|----------------------|--------------------|
| <i>Gusb</i> | mouse | CTCTGGTGGCCTTACCTGAT | CAGTTGTTGTCACCTTCACCTC | 75 | 783 |
| <i>Hprt</i> | mouse | GGAGCGGTAGCACCTCCT | CTGGTTCATCATCGCTAATCAC | 116 | 10839 |
| <i>Nupr1</i> | mouse | GAAGCTGCTGACCAAGTTCC | GTGTGGTGTCTGTGGTCTGG | 91 | 1308 |
| <i>IL27</i> | mouse | GATTGCCAGGAGTGAACCTG | CGAGGAAGCAGAGTCTCTCAG | 114 | 1437 |
| <i>Bip</i> | mouse | CTGAGGCGTATTTGGGAAAG | TCATGACATTCAGTCCAGCAA | 120 | 509 |
| <i>Chop</i> | mouse | GCGACAGAGCCAGAATAACA | GATGCACTTCCTTCTGGAACA | 61 | 2818 |
| <i>Atf4</i> | mouse | ATGATGGCTTGGCCAGTG | CCATTTTCTCCAACATCCAATC | 88 | 111 |
| <i>Nupr1</i> | human | ATAGCCTGGCCCATTCTAC | GCCTCCACCTCCTGTAACC | 89 | 584 |