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(54) Title: INFLAMMATION TREATMENT, DETECTION AND MONITORING VIA TREM-1

(57) Abstract: The present invention provides methods of treating inflammatory diseases/disorders in a subject by inhibiting/antagonizing TREM-1 expression/activity/signal transduction and/or DAP12/TyroBP expression and/or activity. Methods of detecting the presence of inflammatory disease in a subject by detecting TREM-1 and/or DAP12/TyroBP expression and/or activity in the subject or a sample obtained therefrom, wherein increased expression or activity is indicative of the inflammatory disease are also included. The present invention further provides methods for assessing the efficacy of a TREM-1-modulating agent administered to a patient by detecting levels of secreted phosphoprotein 1 (SPP1) and/or one or more other biomarkers in the patient or in a sample from the patient.

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INFLAMMATION TREATMENT, DETECTION AND MONITORING VIA TREM-1

REFERENCE TO RELATED APPLICATIONS

5 [0001] This application claims the benefit of U.S. Provisional Patent Application No. 61/001,687, filed November 2, 2007, U.S. Provisional Patent Application No. 60/923,131, filed April 11, 2007, U.S. Provisional Patent Application No. 60/904,264, filed February 28, 2007, and U.S. Provisional Patent Application No. 60/880,804, filed January 16, 2007, the entire disclosures of each of which are hereby incorporated by
10 reference herein.

BACKGROUND

[0002] Rheumatoid arthritis (RA) is an autoimmune inflammatory disease that affects about 1-2% of the population (Feldman (2002) *Nature Rev. Immunol.* 2(5):364-371; Mount et al. (2005) *Nature Rev. Drug Discovery* 4(1):11-12). RA is characterized
15 by chronic inflammation and destruction of bone and cartilage in diarthrodial joints. Disease onset is typically between 25 and 50 years of age, and one in three patients becomes severely disabled within 20 years.

[0003] Although the precise etiology of RA is unknown, it has been proposed that the initiating event in RA involves an infectious event or environmental exposure
20 (Firestein (2005) *J. Clin. Rheumatology* 11(3 Supp.):S39-44). Local induction of innate immunity may activate cells in the synovial lining and prime the area for subsequent adaptive immune responses in genetically susceptible individuals (Firestein (2005) *J. Clin. Rheumatology* 11(3 Supp.):S39-44). The synovium of established RA patients is characterized by marked synovial intimal lining hyperplasia, increased vascularity, and
25 accumulation of inflammatory cells in the sublining. Biopsies of RA synovium have revealed spontaneous production of a number of pro-inflammatory cytokines, such as TNF- α , IL-1 β , IL-6, and granulocyte-macrophage colony-stimulating factor (GM-CSF) (Feldman *et al.* (1996) *Ann. Rev. Immunol.* 14:397-440). Antibodies that neutralize

TNF- α activity abrogate the production of multiple cytokines, a finding that led to the discovery of novel anti-TNF α therapies to treat RA. Recent clinical findings highlight the heterogeneity of RA, and suggest that additional factors may contribute to the pathogenesis of the disease.

- 5 [0004] Triggering receptor expressed on myeloid cell-1 (TREM-1) is a recently identified immunoglobulin-like cell surface receptor mainly expressed on neutrophils and a subset of CD14^{high} monocytes (Colonna *et al.* (2000) Seminars in Immunol. 12(2):121-27). TREM-1 has a short intracellular domain, and TREM-1 signaling is mediated through adaptor protein DAP12/TyroBP. DAP12/TyroBP is a
- 10 transmembrane protein with an immunoreceptor tyrosine-based activation motif (ITAM) and functions as an adaptor protein, associating with TREM-1 and other transmembrane receptors.
- [0005] TREM-1 expression is up-regulated during acute inflammation and by various Toll Like Receptor (TLR) ligands (Bouchon *et al.* (2001) Nature 15 410(6832):1103-07; Bleharski *et al.* (2003) J. Immunol. 170(7):3812-18; Murakami *et al.* (2006) 54(2):455-62). For instance, TREM-1 has been implicated in the acute inflammation associated with sepsis (Colonna (2003) Nat. Rev. Immun. 3(6):445-53). The expression of cell-surface and soluble TREM-1 is increased in sepsis in a manner that correlates with disease severity (Gibot *et al.* (2005) New England J. Med. 20 350(5):451-58; Gibot *et al.* (2005) Critical Care Med. 33(4):792-96). In a monosodium urate (MSU) induced inflammation model of gout, TREM-1 expression is rapidly induced in the infiltrated peritoneal macrophages and neutrophils. Moreover, activation of TREM-1 stimulates production of multiple pro-inflammatory cytokines and chemokines.
- 25 [0006] Furthermore, the synergistic effects of TREM-1 with TLRs and Nod-like receptors in production of these cytokines amplify the inflammatory response (Bouchon *et al.* (2001) Nature 410(6832):1103-07; Bleharski *et al.* (2003) J. Immunol. 170(7):3812-18; Netea *et al.* (2006) J. Leukocyte Biol. 80(6):1454-61). These data suggest that increased TREM-1 expression and migration of the TREM-1 expressing

cells to the site of inflammation may contribute to acute inflammation through amplification of the inflammatory responses.

- [0007] A role for TREM-1 in acute inflammation was further demonstrated by the protection of mice from the lethality of LPS- or bacteria-induced septic shock using the
- 5 TREM-1 ectodomain-Fc fusion or a synthetic peptide of TREM-1 ectodomain (Bouchon et al. (2001) Nature 410(6832):1103-07; Gibot et al. (2004) J. Exp. Med. 200(11):1419-26). TREM-1-Fc also protects against zymosan-A induced granuloma formation, which suggests that TREM-1 may play a role in chronic inflammation as well as acute inflammation (Nochi et al. (2003) Am. J. Path. 162(4):1191-201).
- 10 Furthermore, accumulating evidence indicates that circulating levels of a soluble form of TREM-1 is a biomarker for multiple inflammatory disorders, including sepsis, pneumonia, acute pancreatitis, and peptic ulcer disease (Gibot et al. (2005) Intensive Care Med. 31(4):594-97; Gibot et al. (2004) New England J. Med. 350(5):451-58; Wang et al. (2004) World J. of Gastroenterology 10(18):2744-46; Koussoulas et al.
- 15 (2006) Eur. J. Gastroenterology & Hepatology 18(4):375-79).

SUMMARY OF THE INVENTION

- [0008] The present invention is based, in part, on the discovery that the overexpression of TREM-1 and/or DAP12/TyroBP is associated with the presence of
- 20 autoimmune and/or inflammatory disease. Thus, TREM-1 and/or Dap12/TyroBP are novel therapeutic targets for the treatment or prevention of autoimmune and inflammatory disorders. In one aspect, the invention relates to the use of TREM-1 and/or DAP12/TyroBP antagonists to treat or prevent an inflammatory disorder. Antagonists that can be used in the invention include, for example, antibodies
- 25 (including, *e.g.*, antibody fragments, single chain Fv, single domain antibodies derived from any species, including, for example, human, mouse, camel, llama, shark, goat, rabbit and bovine, as described more fully below); soluble receptors (including truncated receptors, natural soluble receptors, or fusion proteins comprising a receptor (or a fragment thereof) fused to a second protein, such as an Fc portion of an

immunoglobulin); peptide inhibitors; small molecules; ligand fusions; and binding proteins. TREM-1 and DAP12/TyroBP are effective biomarkers for RA because these genes are overexpressed in individuals afflicted with RA. TREM-1 is a cellular receptor expressed on specific cell types, such as neutrophils and a subset of monocytes, and TREM-1 also exists in a soluble form. TREM-1 signaling is mediated through an adaptor protein, DAP12/TyroBP. Activation of TREM-1 induces production of proinflammatory cytokines and chemokines. Thus, elevated expression of TREM-1 may cause or contribute to the inflammation observed in RA, asthma, and other inflammatory diseases, such as chronic inflammatory diseases and respiratory inflammatory disorders/diseases. Accordingly, TREM-1 and/or DAP12/TyroBP are promising therapeutic targets for treating, modulating and/or preventing the symptoms associated with RA and other inflammatory disorders.

[0009] In one aspect, the present invention provides a method of treating inflammatory disease, such as, for example, chronic inflammatory disease (*e.g.*, RA) or respiratory disorder/disease (*e.g.*, asthma), by reducing TREM-1-mediated signal transduction. Reducing TREM-1-mediated signal transduction can include modulating, inhibiting, and/or antagonizing the TREM-1 receptor and/or other molecules involved in TREM-1 signal transduction (*e.g.*, DAP12/TyroBP), thereby lessening, treating, preventing, alleviating, and/or ameliorating symptoms associated with TREM-1 mediated inflammation. In some embodiments, TREM-1 protein expression is reduced by inhibiting TREM-1 transcription; by selectively cleaving endogenous TREM-1 mRNA; or by inhibiting translation of endogenous TREM-1 mRNA. For example, TREM-1 protein expression can be reduced by administering an interfering RNA, such as an shRNA (*e.g.*, an shRNA encoded by any of SEQ ID NOs:9-22) or an siRNA (*e.g.*, any of SEQ ID NOs:23-26). In other embodiments, TREM-1 activation is inhibited by administering a small molecule, a peptide mimetic, a peptide inhibitor, a ligand fusion protein, an antibody or antibody fragment that binds TREM-1, an antibody or antibody fragment that binds TREM-1 ligand, a soluble TREM-1 receptor or ligand-binding portion thereof, or a soluble TREM-1 receptor fusion protein. Additional embodiments of the invention provide methods for treating inflammatory disease, such as, for

example, chronic inflammatory disease (*e.g.*, RA) or respiratory disorder/disease (*e.g.*, asthma), by directly inhibiting non-TREM members (*e.g.*, the TREM-1 accessory protein DAP12/TyroBP) of the TREM-1 signaling pathway. In some embodiments, TREM-1-mediated signal transduction is reduced in a human subject by inducing an
5 immune response to endogenous TREM-1 or DAP12/TyroBP protein in the subject. For example, an immunogenic composition comprising an adjuvant and TREM-1 or DAP12/TyroBP protein or an immunogenic fragment thereof can be administered to the subject to provoke an immune response to the endogenous protein.

[0010] A further aspect of the invention provides for an antibody or antibody
10 fragment that binds to TREM-1 without activating the receptor. The antibody or antibody fragment can be, for example, monoclonal. Additional embodiments of the invention provide for methods of treating a subject (*e.g.*, a human subject) which include the step of administering to the subject a therapeutically effective quantity of an antibody or antibody fragment that binds to TREM-1 without activating the receptor.

15 [0011] In another aspect, the invention provides for an shRNA encoded by any of SEQ ID NOs:9-22.

[0012] The present invention provides that activation of TREM-1 results in the differential expression of a number of genes, such as secreted phosphoprotein 1 (SPP1), which can be used as markers for TREM-1 activity. Therefore, in another aspect, the
20 invention provides markers which are specific for and indicative of TREM-1 activity. Changes in the level of one or more of these markers correlate with changes in TREM-1 activity. Thus, the invention also provides methods for assessing TREM-1 activity, and/or the efficacy of a TREM-1-modulating agent administered to a patient (*e.g.*, a human patient) in need of such treatment, by detecting the level of one or more of these
25 markers. For example, secreted phosphoprotein 1 (SPP1; also known as osteopontin (OPN), bone sialoprotein I (BSPI), early T-lymphocyte activation 1 (ETA-1), or MGC110940) levels can be detected in the patient or in a sample from the patient, and changes in SPP1 levels correlate with changes in TREM-1 signaling. SPP1 levels can be detected in the patient or in any clinically relevant sample from the patient, such as a

body fluid sample (e.g., serum, synovial fluid, tracheobronchial fluid, sputum). In one embodiment, the method includes the further step of comparing SPP1 levels to a reference level, wherein an increase in SPP1 levels as compared to the reference level can be indicative of an increase in TREM-1 activity, and wherein a decrease SPP1 levels as compared to the reference level can be indicative of a decrease in TREM-1 activity. The reference level can be, for example, SPP1 levels detected in the patient or in a sample from the patient at a time prior to administration of the TREM-1-modulating agent. Additional markers which can be used to assess TREM-1 activity according to the present invention are described more fully below, and in, for example, FIGURE 8A.

[0013] In a further aspect, the invention provides a method of screening for candidate agents capable of modulating TREM-1 signaling. The method includes contacting a TREM-1-expressing cell with a candidate agent and assessing the secreted phosphoprotein 1 (SPP1) levels of the TREM-1-expressing cell to determine whether the candidate agent modulates TREM-1 activation. Candidate agents which can be screened in accordance with the invention include, for example, an interfering RNA, a small molecule, a peptide mimetic, a peptide inhibitor, a ligand fusion protein, an antibody or fragment thereof that binds TREM-1, an antibody or fragment thereof that binds TREM-1 ligand, a soluble TREM-1 receptor, a soluble TREM-1 receptor fusion protein, and combinations thereof. In other embodiments, the method includes contacting the TREM-1-expressing cell with a TREM-1 activator (e.g., a crosslinking antibody). In yet other embodiments, the method can include comparing the assessed SPP1 levels with a reference level. An increase in SPP1 levels as compared to the reference level can be indicative of an increase in TREM-1 signaling, and a decrease SPP1 levels as compared to the reference level can be indicative of a decrease in TREM-1 signaling. In one embodiment, the reference level corresponds to SPP1 levels of the TREM-1-expressing cell assessed at a time prior to contacting the TREM-1-expressing cell with the candidate agent. Additional markers which can be used to assess TREM-1 activity according to the present invention are described more fully below, and in, for example, FIGURE 8A.

[0014] Another aspect of the invention provides a method of monitoring a patient treated for inflammation or chronic inflammation. The method includes administering a TREM-1 modulating agent to a patient (e.g., a human patient) in need thereof, detecting secreted phosphoprotein 1 (SPP1) levels in the patient or in a sample from the patient, and comparing the detected SPP1 levels with a reference level. SPP1 levels can be detected in the patient or in a sample from the patient, such as a body fluid sample (e.g., serum, synovial fluid, tracheobronchial fluid, sputum). A reduction in SPP1 levels as compared to the reference level is indicative of a reduction in TREM-1 mediated inflammation, and no change or an increase in SPP1 levels as compared to the reference level may indicate that there has been no change or an increase in TREM-1 mediated inflammation, respectively. In some embodiments, the reference level corresponds to SPP1 levels detected in the patient or in a sample from the patient at a time prior to or concurrent with administration of the TREM-1-modulating agent. In other embodiments, the reference level corresponds to SPP1 levels in a control subject (e.g., a human) or a sample from the control subject, where the control subject is known not to have chronic inflammation. Additional markers which can be used to assess TREM-1 activity according to the present invention are described more fully below, and in, for example, FIGURE 8A.

[0015] In another aspect, the invention relates to a method of detecting the presence of inflammatory disease, such as, for example, chronic inflammatory disease (e.g., RA) or respiratory disorder/disease (e.g., asthma), in a subject (e.g., a human subject). Inflammatory diseases include, for example, arthritis (including rheumatoid arthritis, juvenile rheumatoid arthritis, osteoarthritis, psoriatic arthritis, lupus-associated arthritis or ankylosing spondylitis), scleroderma, systemic lupus erythematosus, vasculitis, multiple sclerosis, autoimmune thyroiditis, dermatitis (including atopic dermatitis and eczematous dermatitis), autoimmune skin diseases, myasthenia gravis, inflammatory bowel disease (IBD), Crohn's disease, colitis, ulcerative colitis, diabetes mellitus (type I); inflammatory conditions of, e.g., the skin (e.g., psoriasis, acute and chronic urticaria (hives)), cardiovascular system (e.g., atherosclerosis), nervous system (e.g., Alzheimer's disease, amyotrophic lateral sclerosis), liver (e.g., hepatitis), kidney

(e.g., nephritis) and pancreas (e.g., pancreatitis); cardiovascular disorders, e.g., cholesterol metabolic disorders, oxygen free radical injury; disorders associated with wound healing; respiratory disorders, e.g., asthma and COPD (e.g., cystic fibrosis); acute inflammatory conditions (e.g., endotoxemia, septicemia, septic shock, toxic shock syndrome and infectious disease); transplant rejection and allergy (e.g., anaphylaxis, angioedema, atopy, insect sting allergies, allergic rhinitis). Additional conditions which can be detected in accordance with the present invention include ischemia. The method includes the step of detecting TREM-1 (e.g., membrane-bound TREM-1, soluble TREM-1) or DAP12/TyroBP expression or activity in a subject or in a sample obtained from the subject. (In this application, "or" can mean "and/or"; thus, the method can include detection of both TREM-1 and DAP12/TyroBP and can include detection of expression and activity, if so desired.) Samples useful in the practice of this and other methods of the invention are any samples in which TREM-1 and/or DAP12/TyroBP can be detected, including, for example, samples including joint tissue, synovial fluid, synovial membranes, or any other clinically relevant body fluid or tissue, whether, for example, circulating (e.g., blood, plasma, or lymph) or localized at a site of chronic inflammation, in a tissue of the immune system, or in a tissue or fluid previously exposed to a site of chronic inflammation. Detection of elevated TREM-1 or DAP12/TyroBP expression or activity is indicative of the presence of the inflammatory disease, such as, for example, chronic inflammatory disease, such as, for example, RA. The method can include the additional step of comparing TREM-1 or DAP12/TyroBP expression or activity in a subject, or a sample derived from the subject, with a known reference level. The outcome of the comparison (e.g., increased expression or activity) is indicative of the presence of the inflammatory disease. The reference level can, for example, be indicative of the presence of the inflammatory disease, or of a threshold for differentiating between normal and increased expression.

[0016] The invention also provides a method for detecting the presence of inflammatory disease, such as, for example, chronic inflammatory disease, such as, for example, RA or asthma, in a subject (e.g., a human subject) by: detecting TREM-1 or DAP12/TyroBP expression in a subject or a sample from the subject; and comparing

TREM-1 or DAP12/TyroBP expression in the subject or the sample to a reference level. The outcome of the comparison (e.g., increased expression) is indicative of the presence of the inflammatory disease. The reference level can be indicative of the presence of the inflammatory disease, or of a threshold for differentiating between normal and
5 increased expression, etc.

[0017] In another aspect, the invention provides a method of monitoring inflammatory disease, such as, for example, chronic inflammatory disease (e.g., RA) or respiratory disorder/disease (e.g., asthma), in a subject (e.g., a human subject). The method benefits from an appreciation that changes in TREM-1 or DAP12/TyroBP
10 expression or activity in a subject over time (as determined at different times in the subject or as determined in samples obtained from the subject at different times) can be used as an indication of changes in disease status. The method includes detecting TREM-1 or DAP12/TyroBP expression or activity in the subject at two or more
15 different times (sometimes referred to herein as a first time and a second, later time) or in samples obtained from the subject at two or more different times and comparing the expression or activity observed. A decrease in TREM-1 or DAP12/TyroBP expression or activity over time can be indicative of a reduction in the inflammatory disease, whereas an increase in TREM-1 or DAP12/TyroBP expression or activity over time can be indicative of an increase in the inflammatory disease.

20 [0018] The monitoring method is also useful to evaluate a treatment for inflammatory disease, such as, for example, chronic inflammatory disease (e.g., RA) or respiratory disorder/disease (e.g., asthma), in a subject (e.g., a human subject). A treatment is administered prior to the second, later time of detecting TREM-1 or DAP12/TyroBP expression or activity in the subject or prior to taking the second, later
25 sample. The treatment can be administered before or after the monitoring method has begun (before or after the first time of detection in the subject or the taking of the first sample from the subject). Moreover, the course of treatment can be modified based upon the comparison of TREM-1 or DAP12/TyroBP expression or activity at a first

time or in a first sample with TREM-1 or DAP12/TyroBP expression at a second, later time or in a second sample.

[0019] These and other aspects and embodiments of the invention are also described in the following sections of the application, which are provided to highlight specific embodiments of the invention and are not intended to limit the invention, the scope of which is limited only by the issued claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0020] The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

[0021] FIGURE 1 is a bar graph showing expression of TREM-1 and DAP12/TyroBP in synovium from RA patients.

[0022] FIGURE 2 is a bar graph showing TREM-1 and DAP12/TyroBP mRNA expression in the murine collagen induced arthritis (CIA) model.

[0023] FIGURE 3A shows a representative image of immunohistochemistry staining of human TREM-1 in a section of an RA positive synovium with a TREM-1-positive index >1000.

[0024] FIGURE 3B shows a representative image of immunohistochemistry staining of human TREM-1 in an osteoarthritis (OA) control section with a TREM-1-positive index <20.

[0025] FIGURE 4 is a graph showing levels of soluble TREM-1 detected by ELISA in human plasma samples obtained from RA and control (HVOS) patients.

[0026] FIGURE 5 shows an exemplary Western blot depicting a time-course of mitogen activated protein kinase (MAPK) activation after crosslinking of TREM-1.

[0027] FIGURE 6 shows an exemplary ANOVA heat map clustering analysis of genes regulated >2-fold with $p < 0.01$. Individual donors are shown on the left, average mean intensity is shown on the right.

[0028] FIGURE 7 shows an exemplary scatter plot of all present genes ("calls").
 5 Ln fold-changes plotted for TREM-1 (x-axis) and LPS (y-axis), with down-regulation converted to negative values. Selected genes are highlighted. The 45° axis demarcates genes comparably regulated by both treatments.

[0029] FIGURE 8A shows a table listing exemplary genes that are up-regulated >4-fold upon TREM-1 activation.

10 [0030] FIGURE 8B shows a table listing exemplary genes that are up-regulated >4-fold upon treatment with LPS.

[0031] FIGURE 9A shows a table listing exemplary genes that are commonly up-regulated >4-fold; i.e., genes which are up-regulated both upon TREM-1 activation and upon treatment with LPS.

15 [0032] FIGURE 9B shows a table listing exemplary genes that are down-regulated >4-fold either upon TREM-1 activation or upon treatment with LPS.

[0033] FIGURES 10A-B show the results of an exemplary phagocytosis assay with GFP-expressing human monocytic THP-1 cells. 1 μ M beads appear in red. FIGURE 10A shows morphological changes in THP-1 cells after treatment. FIGURE 10B shows
 20 that treatment with α -TREM-1 and LPS induces microsphere phagocytosis.

[0034] FIGURES 11A-F are graphs showing exemplary time-course ELISAs. FIGURE 11A shows GM-CSF, FIGURE 11B shows M-CSF, FIGURE 11C shows G-CSF, FIGURE 11D shows INHBA (inhibin, beta A (activin A, activin AB alpha polypeptide)), FIGURE 11E shows SPP1, FIGURE 11F shows IL-23.

25 [0035] FIGURE 12 is a series of bar graphs showing that crosslinking of TREM-1 induces production of multiple cytokines in an RA tissue sample in a dose dependent manner.

[0036] FIGURES 13A-B are charts showing production multiple cytokine in tissue samples prepared from three different donors. FIGURE 13A shows a comparison of spontaneous cytokine production in three donor samples. FIGURE 13B shows a comparison of cytokine production upon crosslinking of TREM-1 in three donor samples.

[0037] FIGURE 14 is a bar graph showing increased TREM-1 expression in K/BxN paws.

[0038] FIGURE 15 is a graph showing ankle thickening in mTREM-1-hFc transgenic mice and wildtype mice in response to K/BxN serum transfer.

10 [0039] FIGURE 16 is a graph showing ankle thickening in mTREM-1-hFc transgenic mice on Day 14, in response to K/BxN serum transfer.

[0040] FIGURE 17 is a graph showing ear swelling after anti-IgE antibody challenge in transgenic mice expressing a mTREM-1-hFc fusion protein.

15 [0041] FIGURE 18 is a graph showing ear swelling after anti-IgE antibody challenge in mice pretreated with mTREM-1-mFc protein.

[0042] FIGURE 19 is a graph showing dose response of ear swelling after anti-IgE antibody challenge in mice pretreated with mTREM-1-mFc protein.

[0043] FIGURE 20 is a graph showing ear swelling in TREM-1 knockout mice after anti-IgE antibody challenge.

20 [0044] FIGURE 21 is a bar graph showing TREM-1 expression by RT-PCR after shRNA or siRNA knockdown.

[0045] FIGURES 22A-B show representative Western blots depicting TREM-1 expression after lentiviral shRNA knockdown of TREM-1 in TREM-1 over-expressing cell lines.

25 [0046] FIGURE 23 is a table summarizing the results from global gene expression profiling of purified human monocytes using Affymetrix® Human Genome U133_plus 2.0 arrays (see Example 6).

[0047] FIGURE 24 is a table further summarizing the results from global gene expression profiling of purified human monocytes using Affymetrix® Human Genome U133_plus 2.0 arrays (see Example 6).

5 DETAILED DESCRIPTION OF THE INVENTION

[0048] As used herein, the term “nucleic acid” refers to polynucleotides such as deoxyribonucleic acid (DNA), and, where appropriate, ribonucleic acid (RNA). The term should also be understood to include, as applicable to the embodiment being described, single-stranded (such as sense or antisense) and double-stranded
10 polynucleotides.

[0049] As used herein, “RA positive,” “RA sample,” and “RA tissue” refer to a subject, or any tissue, fluid, or other sample derived from a subject with rheumatoid arthritis. “RA negative” refers to a subject, or any tissue, fluid, or other sample derived from an unaffected subject.

15 [0050] As used herein, the term “RA” refers to rheumatoid arthritis. As used herein, the term “OA” refers to osteoarthritis.

[0051] The term “antibody” includes intact molecules as well as functional fragments thereof, such as Fab, Fab’, F(ab’)₂, Fc, Fd, Fd’, Fv, single chain antibodies (scFv for example), single variable domain antibodies (Dab), diabodies (bivalent and
20 bispecific), and chimeric (*e.g.*, humanized) antibodies, which may be produced by the modification of whole antibodies or those synthesized *de novo* using recombinant DNA technologies. These functional antibody fragments retain the ability to selectively bind with their respective antigen or receptor. Antibodies and antibody fragments can be from any class of antibodies including, but not limited to, IgG, IgA, IgM, IgD, and IgE,
25 and from any subclass (*e.g.*, IgG1, IgG2, IgG3, and IgG4) of antibodies. The antibodies of the present invention can be monoclonal or polyclonal. The antibody can also be a human, humanized, CDR-grafted, or *in vitro* generated antibody. The antibody can have a heavy chain constant region chosen from, *e.g.*, IgG1, IgG2, IgG3,

or IgG4. The antibody can also have a light chain chosen from, *e.g.*, kappa or lambda. Constant regions of the antibodies can be altered, *e.g.*, mutated, to modify the properties of the antibody (*e.g.*, to increase or decrease one or more of: Fc receptor binding, antibody glycosylation, the number of cysteine residues, effector cell function, or
5 complement function). Typically, the antibody specifically binds to a predetermined antigen, *e.g.*, an antigen associated with a disorder, *e.g.*, a neurodegenerative, metabolic, inflammatory, autoimmune and/or a malignant disorder.

[0052] Antibodies of the present invention can also be single domain antibodies. Single domain antibodies can include antibodies whose complementary determining
10 regions are part of a single domain polypeptide. Examples include, but are not limited to, heavy chain antibodies, antibodies naturally devoid of light chains, single domain antibodies derived from conventional 4-chain antibodies, engineered antibodies and single domain scaffolds other than those derived from antibodies. Single domain antibodies may be any of the art, or any future single domain antibodies. Single domain
15 antibodies may be derived from any species including, but not limited to mouse, human, camel, llama, fish, shark, goat, rabbit, and bovine. In one aspect of the invention, a single domain antibody can be derived from a variable region of the immunoglobulin found in fish, such as, for example, that which is derived from the immunoglobulin isotype known as Novel Antigen Receptor (NAR) found in the serum of shark.
20 Methods of producing single domain antibodies derived from a variable region of NAR ("IgNARs") are described in WO 03/014161 and Streltsov (2005) Protein Sci. 14:2901-2909. According to another aspect of the invention, a single domain antibody is a naturally occurring single domain antibody known as heavy chain antibody devoid of light chains. Such single domain antibodies are disclosed in WO 9404678, for example.
25 For clarity reasons, this variable domain derived from a heavy chain antibody naturally devoid of light chain is known herein as a VHH or nanobody to distinguish it from the conventional VH of four chain immunoglobulins. Such a VHH molecule can be derived from antibodies raised in Camelidae species, for example in camel, llama, dromedary, alpaca and guanaco. Other species besides Camelidae may produce heavy

chain antibodies naturally devoid of light chain; such VHHs are within the scope of the invention.

[0053] The invention also contemplates the use of Small Modular ImmunoPharmaceuticals ("SMIPsTM") which typically refers to binding domain-
5 immunoglobulin fusion proteins including a binding domain polypeptide that is fused or otherwise connected to an immunoglobulin hinge or hinge-acting region polypeptide, which in turn is fused or otherwise connected to a region comprising one or more native or engineered constant regions from an immunoglobulin heavy chain, other than CH1, for example, the CH2 and CH3 regions of IgG and IgA, or the CH3 and CH4 regions of
10 IgE (see e.g., U.S. 2005/0136049 by Ledbetter, J. et al. for a more complete description). The binding domain-immunoglobulin fusion protein can further include a region that includes a native or engineered immunoglobulin heavy chain CH2 constant region polypeptide (or CH3 in the case of a construct derived in whole or in part from IgE) that is fused or otherwise connected to the hinge region polypeptide and a native or
15 engineered immunoglobulin heavy chain CH3 constant region polypeptide (or CH4 in the case of a construct derived in whole or in part from IgE) that is fused or otherwise connected to the CH2 constant region polypeptide (or CH3 in the case of a construct derived in whole or in part from IgE). Typically, such binding domain-immunoglobulin fusion proteins are capable of at least one immunological activity selected from the
20 group consisting of antibody dependent cell-mediated cytotoxicity, complement fixation, and/or binding to a target, for example, a target antigen.

[0054] The term "antisense" as used herein refers to nucleotide sequences which are complementary to a specific DNA or RNA sequence. The term "antisense strand" is used in reference to a nucleic acid strand that is complementary to the "sense" strand.
25 Antisense molecules may be produced by any method, including synthesis by ligating the gene(s) of interest in a reverse orientation to a viral promoter which permits the synthesis of a complementary strand. Once introduced into a cell, this transcribed strand combines natural sequences produced by the cell to form duplexes. These duplexes then block either the further transcription or translation. The designation

“negative” is sometimes used in reference to the antisense strand, and “positive” is sometimes used in reference to the sense strand.

[0055] As used herein, the terms “subject” and “patient” refers to any human or nonhuman mammal.

- 5 [0056] As used herein, the term “detect” and all other forms of the root word “detect” refer to the ascertainment of the presence or absence of one or more targets, quantitation of one or more targets, or determination of the presence or absence of a threshold value of one or more biomarkers.

- [0057] As used herein, the term “joint tissue” refers to any tissue or fluid derived
10 from a joint area, including, by way of non-limiting example, tendons, ligaments, and synovial membranes.

- [0058] As used herein, the term “inflammatory disease” includes, by way of non-limiting example, arthritis (including rheumatoid arthritis, juvenile rheumatoid arthritis, osteoarthritis, psoriatic arthritis, lupus-associated arthritis or ankylosing spondylitis),
15 scleroderma, systemic lupus erythematosus, vasculitis, multiple sclerosis, autoimmune thyroiditis, dermatitis (including atopic dermatitis and eczematous dermatitis), autoimmune skin diseases, myasthenia gravis, inflammatory bowel disease (IBD), Crohn's disease, colitis, ulcerative colitis, diabetes mellitus (type I); inflammatory conditions of, e.g., the skin (e.g., psoriasis, acute and chronic urticaria (hives)),
20 cardiovascular system (e.g., atherosclerosis), nervous system (e.g., Alzheimer's disease, amyotrophic lateral sclerosis), liver (e.g., hepatitis), kidney (e.g., nephritis) and pancreas (e.g., pancreatitis); cardiovascular disorders, e.g., cholesterol metabolic disorders, oxygen free radical injury; disorders associated with wound healing; respiratory disorders, e.g., asthma and COPD (e.g., cystic fibrosis); acute inflammatory
25 conditions (e.g., endotoxemia, septicemia, septic shock, toxic shock syndrome and infectious disease); transplant rejection and allergy (e.g., anaphylaxis, angioedema, atopy, insect sting allergies, allergic rhinitis).

[0059] As used herein, the term “chronic inflammatory disease” refers to any disease where the inflammatory response is of prolonged duration (e.g., weeks, months, or even indefinitely) and whose extended time course is provoked by persistence of the causative stimulus to inflammation in the tissue. The term “chronic inflammatory
5 disease” includes, for example, rheumatoid arthritis.

[0060] As used herein, the term “indicative” (e.g., indicative of the inflammatory disease) means a sign or indication or factor to be considered, as opposed to being definitive proof in and of itself. Generally, increased TREM-1 expression levels correlate with an increased likelihood of inflammatory disease (e.g., RA); thus,
10 increased TREM-1 expression is indicative of the presence of the inflammatory disease (e.g., RA). Likewise, normal TREM-1 expression levels generally correlate with an increased likelihood of the absence of the inflammatory disease (e.g., RA).

[0061] As used herein, the term “PCR” refers to polymerase chain reaction.

[0062] The present invention includes the identification of TREM-1 and
15 DAP12/TyroBP as biomarkers for inflammatory disease, such as, for example, chronic inflammatory disease, and, more specifically, as biomarkers for RA. A comparison of transcriptional profiling of RA and normal synovial tissues revealed that TREM-1 mRNA expression was up-regulated 6.5 fold above normal in human RA samples, and DAP12/TyroBP mRNA expression was up-regulated 2 fold above normal in human RA
20 samples (see Example 1). In a collagen induced arthritis (CIA) model, TREM-1 mRNA was up-regulated 132 fold in CIA paws as compared to paws from normal mice, and DAP12/TyroBP mRNA was up-regulated 8.21 fold in CIA paws as compared to paws from normal mice (see Example 2). By immunohistochemistry, human RA synovial samples contained an increased number of TREM-1-expressing cells (see Example 3).
25 Moreover, activation of TREM-1 in synovial cultures induced pro-inflammatory cytokine and cytokine production in a dosage-dependent manner (see Example 9). Further, soluble TREM-1 levels are elevated in human clinical plasma samples from RA patients as compared to control patients (see Example 4). The identity of TREM-1 and DAP12/TyroBP as biomarkers for RA and the ability of TREM-1 to induce a pro-

inflammatory response make TREM-1 and members of the TREM-1 signaling pathway ideal therapeutic targets for inflammatory disease, such as, for example, chronic inflammatory disease, especially RA.

5 *Detection of gene expression*

[0063] The present invention provides methods for detecting and monitoring inflammatory disease, such as, for example, chronic inflammatory disease by detecting or quantitating the expression or activity of TREM-1 or DAP12/TyroBP. Many methods of detection of a protein, nucleic acid, or activity level of interest, with or
10 without quantitation, are well known and can be used in the practice of the invention.

[0064] Target gene transcripts can be detected using numerous techniques that are well known in the art. Some useful nucleic acid detection systems involve preparing a purified nucleic acid fraction of a sample, and subjecting the sample to a direct detection assay or an amplification process followed by a detection assay, such as an
15 assay of TREM-1 mRNA in a joint tissue sample. Amplification can be achieved, for example, by polymerase chain reaction (PCR), reverse transcriptase (RT) and coupled RT-PCR. Detection of a nucleic acid can be accomplished, for example, by probing the purified nucleic acid fraction with a probe that hybridizes to the nucleic acid of interest, and in many instances detection involves an amplification as well. Northern blots, dot
20 blots, microarrays, quantitative PCR, and quantitative RT-PCR are all well known methods for detecting a nucleic acid in a sample. Nucleic acids also can be amplified by ligase chain reaction, strand displacement amplification, self-sustained sequence replication or nucleic acid sequence-based amplification. See, for example, Lewis (1992) Genetic Engineering News 12(9):1; Guatelli et al. (1990) Proc. Natl. Acad. Sci.
25 USA 87:1874-1878; and Weiss (1991) Science 254:1292. Nucleic acids can also be detected by sequencing; the sequencing can use a primer specific to the target nucleic acid (e.g., a TREM-1 cDNA sequence) or a primer to an adaptor sequence attached to the target nucleic acid. Sequencing of randomly selected mRNA or cDNA sequences can provide an indication of the relative expression of a biomarker as indicated by the

percentage of all sequenced transcripts containing nucleic acid sequence corresponding to the biomarker (e.g., to a TREM-1 cDNA or mRNA sequence). Alternatively, a nucleic acid can be detected in situ, such as by hybridization, without extraction or purification.

- 5 [0065] Target proteins can be detected, for example, immunologically using one or more antibodies. In immunological assays, an antibody having specific binding affinity for a biomarker or a secondary antibody that binds to such an antibody can be labeled, either directly or indirectly. The antibody need not be complete: an antibody variable domain or an artificial analog thereof, such as a single chain antibody, is sufficient.
- 10 Suitable labels include, without limitation, radionuclides (e.g., ^{125}I , ^{131}I , ^{35}S , ^3H , ^{32}P , ^{33}P , or ^{14}C), fluorescent moieties (e.g., fluorescein, FITC, PerCP, rhodamine, or PE), luminescent moieties (e.g., QdotTM nanoparticles supplied by the Quantum Dot Corporation, Palo Alto, CA), compounds that absorb light of a defined wavelength, or enzymes (e.g., alkaline phosphatase or horseradish peroxidase). Antibodies can be
- 15 indirectly labeled by conjugation with biotin then detected with avidin or streptavidin labeled with a molecule described above. Methods of detecting or quantifying a label depend on the nature of the label and are known in the art. Examples of detectors include, without limitation, x-ray film, radioactivity counters, scintillation counters, spectrophotometers, colorimeters, fluorometers, luminometers, and densitometers.
- 20 Combinations of these approaches (including “multi-layer” assays) familiar to those in the art can be used to enhance the sensitivity of assays.

- [0066] Immunological assays for detecting a target protein can be performed in a variety of known formats, including sandwich assays, competition assays (competitive RIA), or bridge immunoassays. See, for example, U.S. Pat. Nos. 5,296,347; 4,233,402;
- 25 4,098,876; and 4,034,074. Methods of detecting a target protein generally include contacting a biological sample with an antibody that binds to the protein and detecting binding of the protein to the antibody. For example, an antibody having specific binding affinity for TREM-1 can be immobilized on a solid substrate by any of a variety of methods known in the art and then exposed to the biological sample. Binding of

TREM-1 to the antibody on the solid substrate can be detected by exploiting the phenomenon of surface plasmon resonance, which results in a change in the intensity of surface plasmon resonance upon binding that can be detected qualitatively or quantitatively by an appropriate instrument, e.g., a Biacore® apparatus (Biacore International AB, Rapskatan, Sweden). Alternatively, the antibody can be labeled and detected as described above. A standard curve using known quantities of a protein can be generated to aid in the quantitation of biomarker levels.

[0067] In other embodiments, a “sandwich” assay in which a capture antibody is immobilized on a solid substrate is used to detect the level of a target protein. The solid substrate can be contacted with the biological sample such that any target protein in the sample can bind to the immobilized antibody. The level of the target protein bound to the antibody can be determined using a “detection” antibody having specific binding affinity for the target protein and the methods described above. It is understood that in these sandwich assays, the capture antibody should not bind to the same epitope (or range of epitopes in the case of a polyclonal antibody) as the detection antibody. Thus, if a monoclonal antibody is used as a capture antibody, the detection antibody can be another monoclonal antibody that binds to an epitope that is either completely physically separated from or only partially overlaps with the epitope to which the capture monoclonal antibody binds, or a polyclonal antibody that binds to epitopes other than or in addition to that to which the capture monoclonal antibody binds. If a polyclonal antibody is used as a capture antibody, the detection antibody can be either a monoclonal antibody that binds to an epitope that is either completely physically separated from or partially overlaps with any of the epitopes to which the capture polyclonal antibody binds, or a polyclonal antibody that binds to epitopes other than or in addition to that to which the capture polyclonal antibody binds. Sandwich assays can be performed as sandwich ELISA assays, sandwich Western blotting assays, or sandwich immunomagnetic detection assays.

[0068] Suitable solid substrates to which an antibody (e.g., a capture antibody) can be bound include, without limitation, microtiter plates, tubes, membranes such as nylon

or nitrocellulose membranes, and beads or particles (e.g., agarose, cellulose, glass, polystyrene, polyacrylamide, magnetic, or magnetizable beads or particles). Magnetic or magnetizable particles can be particularly useful when an automated immunoassay system is used.

- 5 [0069] Other techniques for detecting target polypeptides include mass-spectrophotometric techniques such as electrospray ionization (ESI), and matrix-assisted laser desorption-ionization (MALDI). See, for example, Gevaert et al. (2001) Electrophoresis 22(9):1645-51; Chaurand et al. (1999) J. Am. Soc. Mass Spectrom. 10(2):91-103. Mass spectrometers useful for such applications are available from
10 Applied Biosystems (Foster City, CA); Bruker Daltronics (Billerica, MA); and GE Healthcare (Piscataway, NJ).

[0070] It will be appreciated that the expression of any target gene transcript or target protein according to the present invention can be readily detected using one or more of the above techniques.

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Detection of TREM-1 activity

- [0071] The activity of TREM-1 or DAP12/TyroBP can be assessed, for instance, by assessing the expression levels of one or more (e.g., two or more than two, more than three, more than four, more than five, more than ten, or more than twenty) TREM-1
20 responsive genes. The expression levels can be absolute or relative, e.g., as compared to a control sample or a reference level. Differential gene expression can be determined by transcriptional profiling of a test sample and, optionally, a control sample. The reference level can be a transcriptional profile corresponding to a sample of known disease state. A positive control can be, for example, a sample wherein TREM-1 and/or
25 DAP12/TyroBP have been intentionally over-expressed in one or more cells, a sample of cells in which endogenous or recombinantly-expressed TREM-1 or DAP12/TyroBP have been activated by, for example, addition of a cross-linking antibody, or a sample obtained from a subject having an inflammatory disease or chronic inflammatory

disease (*e.g.*, RA) of a known severity. A negative control can be, for example, a sample wherein TREM-1 and/or DAP12/TyroBP have not been expressed or activated or a sample from a subject without the inflammatory disease or chronic inflammatory disease (*e.g.*, RA).

5 [0072] Numerous protocols are available for using nucleic acid microarrays for transcriptional profiling. Exemplary protocols include those provided by Affymetrix in connection with the use of its GeneChip® arrays. Samples amenable to nucleic acid microarray hybridization can be prepared from any human cell or tissue. Where a nucleic acid microarray includes probes for non-human drug target genes, samples can
10 be prepared for cells or tissues of the corresponding non-human species.

[0073] The sample for hybridization to a nucleic acid microarray can be either RNA (*e.g.*, mRNA, or cRNA) or DNA (*e.g.*, cDNA). Various methods are available for isolating RNA from tissues. These methods include, but are not limited to, RNeasy® kits (provided by Qiagen, Hilden, Germany), MasterPure™ kits (provided by
15 Epicentre Technologies), and Trizol® (provided by Gibco BRL, Carlsbad, CA). The RNA isolation protocols provided by Affymetrix can also be used.

[0074] In one embodiment, isolated RNA is amplified or labeled before being hybridized to a nucleic acid microarray. Suitable RNA amplification methods include, but are not limited to, reverse transcriptase PCR, isothermal amplification, ligase chain
20 reaction, and Qbeta replicase method. The amplification products can be either cDNA or cRNA. In one embodiment, the isolated mRNA is reverse transcribed to cDNA using a reverse transcriptase and a primer consisting of oligo d(T) and a sequence encoding the phage T7 promoter. The cDNA is single stranded. The second strand of the cDNA can be synthesized using a DNA polymerase, combined with an RNase to
25 break up the DNA/RNA hybrid. After synthesis of the double stranded cDNA, T7 RNA polymerase is added to transcribe cRNA from the second strand of the doubled stranded cDNA. In one embodiment, the originally isolated RNA can be hybridized to a nucleic acid microarray without amplification.

[0075] cDNA, cRNA, or other nucleic acid samples can be labeled with one or more labeling moieties to allow for detection of hybridized polynucleotide complexes. The labeling moieties can include compositions that are detectable by spectroscopic, photochemical, biochemical, bioelectronic, immunochemical, electrical, optical or
5 chemical means. The labeling moieties include radioisotopes, chemiluminescent compounds, labeled binding proteins, heavy metal atoms, spectroscopic markers, such as fluorescent markers and dyes, magnetic labels, linked enzymes, mass spectrometry tags, spin labels, electron transfer donors and acceptors, and the like.

[0076] Hybridization reactions can be performed in absolute or differential
10 hybridization formats. In the absolute hybridization format, polynucleotides derived from one sample are hybridized to the probes in a nucleic acid microarray. Signals detected after the formation of hybridization complexes correlate to the polynucleotide levels in the sample. In the differential hybridization format, polynucleotides derived from two samples are labeled with different labeling moieties. A mixture of these
15 differently labeled polynucleotides is added to a nucleic acid microarray. The nucleic acid microarray is then examined under conditions in which the emissions from the two different labels are individually detectable. In one embodiment, the fluorophores Cy3 and Cy5 (Amersham Pharmacia Biotech, Piscataway, NJ) are used as the labeling moieties for the differential hybridization format.

[0077] Signals gathered from the nucleic acid microarrays can be analyzed using
20 commercially available software, such as those provided by Affymetrix or Agilent Technologies. Controls for scan sensitivity, probe labeling, and cDNA or cRNA quantitation, can be included in the hybridization experiments. Hybridization signals can be scaled or normalized before being subject to further analysis. For instance,
25 hybridization signals for each individual probe can be normalized to take into account variations in hybridization intensities when more than one microarray is used under similar test conditions. Hybridization signals can also be normalized using the intensities derived from internal normalization controls contained on each microarray. In addition, genes with relatively consistent expression levels across the samples can be

used to normalize the expression levels of other genes. In one embodiment, probes for certain maintenance genes are included in the nucleic acid microarray. These genes are chosen because they show stable levels of expression across a diverse set of tissues. Hybridization signals can be normalized or scaled based on the expression levels of
5 these maintenance genes.

Monitoring and evaluation of disease or treatment

[0078] The present invention provides methods for monitoring inflammatory disease, such as, for example, chronic inflammatory disease, such as, for example, RA,
10 in a subject. Progression of an inflammatory disease in a subject can be monitored by measuring a level of expression of mRNA corresponding to, or protein encoded by, or activity of, one or more biomarkers, such as TREM-1 or DAP12/TyroBP. Target gene mRNA or protein expression levels can be detected in vivo or in samples taken from, for example, joint tissue, synovial fluid, synovial membranes, or any other clinically
15 relevant source. The level of expression of mRNA and/or protein corresponding to the target gene can be detected by standard methods as described above. Disease state in a subject can be monitored (e.g., for amelioration, aggravation, or reoccurrence of disease) by comparing levels of target gene protein or RNA in the subject to the subject's baseline level of target protein or RNA. For instance, TREM-1 expression
20 levels in the subject at a first time can be compared with TREM-1 expression levels in the subject at a second, later time. An increase in the level of expression of TREM-1 mRNA or protein over time is indicative of the progression of the inflammatory disease. A decrease in the level of expression of TREM-1 mRNA or protein over time is indicative of the reduction of the inflammatory disease.

25 [0079] The levels of, for instance, TREM-1 or DAP12/TyroBP protein or RNA in a subject also can be used to monitor the effectiveness of treatment. Typically, the subject's baseline level of a target protein or RNA is obtained (e.g., before treatment) and compared to the level of the target protein or RNA at various time points after or between treatments (e.g., one or more days, weeks, or months after treatment). The

result of the comparison may reveal the effectiveness of past treatment, and future treatment can be modified accordingly. For instance, a decrease in TREM-1 protein or RNA levels relative to previously detected levels generally indicates a positive response to a treatment regimen, and thus similar treatment should be continued. Similarly,
5 disease state in a subject can be monitored (e.g., for amelioration, aggravation, or reoccurrence of disease) by comparing levels of a target protein or RNA in the subject to the subject's baseline level, or to prior detected levels, of a target protein or RNA.

Treatment

10 [0080] The present invention provides methods for treating inflammatory disease, such as, for example, chronic inflammatory disease (*e.g.*, RA) or respiratory disorder/disease (*e.g.*, asthma), by inhibiting and/or antagonizing TREM-1-mediated signal transduction. Inhibiting and/or antagonizing TREM-1-mediated signal
15 transduction can be accomplished by directly inhibiting TREM-1 or by inhibiting and/or antagonizing non-TREM-1 members of the TREM-1 signaling pathway, such as the TREM-1 accessory protein DAP12/TyroBP. Suitable inhibitors and/or antagonists can, for example, decrease the expression of a nucleic acid encoding TREM-1, decrease levels of the TREM-1 protein, or inhibit TREM-1 activity. Examples of inhibitors and/or antagonists include, by way of non-limiting example: antisense oligonucleotides;
20 interfering RNAs; antibodies to TREM-1; antibodies to TREM-1 ligand; competitors for TREM-1 ligand binding sites, including TREM-1 receptors and ligand-binding fragments thereof, soluble truncated TREM-1 receptors, and soluble TREM-1 receptor fusion proteins, such as, for example, a TREM-1 fusion containing the Fc portion of an IgG immunoglobulin, ligand fusion proteins; peptide mimetics; peptide inhibitors; small
25 molecules; and combinations thereof.

Antisense Oligonucleotides

[0081] Antisense oligonucleotides can be used to inhibit TREM-1, DAP12/TyroBP, or any other member of the TREM-1 or DAP12/TyroBP signaling pathways by decreasing mRNA and protein levels of these targets. Antisense suppression refers to administration or in situ generation of nucleic acid sequences or their derivatives that specifically hybridize or bind under cellular conditions, with the cellular mRNA and/or genomic DNA encoding one or more of the subject target alleles so as to inhibit expression of that target allele, e.g. by inhibiting transcription and/or translation. The binding may be by conventional base pair complementarity, or, for example, in the case of binding to DNA duplexes, through specific interactions in the major groove of the double helix. In general, antisense suppression refers to the range of techniques generally employed in the art, and includes any suppression which relies on specific binding to nucleic acid sequences. An antisense construct of the present invention can be delivered, for example, as an expression plasmid which, when transcribed in the cell, produces RNA that is complementary to at least a unique portion of the cellular mRNA that encodes a target sequence or target allele of an endogenous gene. Alternatively, the antisense construct can be a nucleic acid that is generated ex vivo and which, when introduced into the cell, causes inhibition of expression by hybridizing with the mRNA and/or genomic sequences of a target allele of an endogenous gene. Such nucleic acids are preferably modified oligonucleotides that are resistant to endogenous nucleases, e.g., exonucleases and/or endonucleases, and are therefore stable in vivo. Modifications, such as phosphorothioates, have been made to nucleic acids to increase their resistance to nuclease degradation, binding affinity and uptake. Exemplary nucleic acid molecules for use as antisense oligonucleotides are phosphoramidate, phosphothioate and methylphosphonate analogs of DNA (see also U.S. Pat. Nos. 5,176,996; 5,264,564; and 5,256,775).

[0082] The antisense nucleic acids can be DNA or RNA or chimeric mixtures or derivatives or "modified versions thereof," single-stranded or double-stranded. As

referred to herein, "modified versions thereof" refers to nucleic acids that are modified, e.g., at a base moiety, sugar moiety, or phosphate backbone, for example, to improve stability, half-life, hybridization, effectiveness, etc. Possible modifications include but are not limited to the addition of flanking sequences of ribonucleotides or

5 deoxyribonucleotides to the 5' and/or 3' ends of the molecule or the use of phosphorothioate or 2' O-methyl rather than phosphodiesterase linkages within the oligodeoxyribonucleotide backbone. The nucleic acid may include other appended groups such as peptides (e.g., for targeting host cell receptors *in vivo*), or agents facilitating transport across the cell membrane (see, e.g., PCT Publication No. WO 10 88/09810, published Dec. 15, 1988) or the blood-brain barrier (see, e.g., PCT Publication No. WO 89/10134, published Apr. 25, 1988), hybridization-triggered cleavage agents or intercalating agents. To this end, the oligonucleotide may be conjugated to another molecule, e.g., a peptide, hybridization triggered cross-linking agent, transport agent, hybridization-triggered cleavage agent, etc.

15 [0083] The antisense nucleic acid can optionally include at least one modified base moiety which is selected from the group including, but not limited to, 5-fluorouracil, 5-bromouracil, 5-chlorouracil, 5-iodouracil, hypoxanthine, xantine, 4-acetylcytosine, 5-(carboxyhydroxymethyl) uracil, 5-carboxymethylaminomethyl-2-thiouridine, 5-carboxymethylaminomethyluracil, dihydrouracil, beta-D-galactosylqueosine, inosine, 20 N6-isopentenyladenine, 1-methylguanine, 1-methylinosine, 2,2-dimethylguanine, 2-methyladenine, 2-methylguanine, 3-methylcytosine, 5-methylcytosine, N6-adenine, 7-methylguanine, 5-methylaminomethyluracil, 5-methoxyaminomethyl-2-thiouracil, beta-D-mannosylqueosine, 5'-methoxycarboxymethyluracil, 5-methoxyuracil, 2-methylthio-N-6-isopentenyladenine, uracil-5-oxyacetic acid (v), wybutoxosine, pseudouracil, 25 queosine, 2-thiocytosine, 5-methyl-2-thiouracil, 2-thiouracil, 4-thiouracil, 5-methyluracil, uracil-5-oxyacetic acid methylester, uracil-5-oxyacetic acid (v), -5-methyl-2-thiouracil, 3-(3-amino-3-N-2-carboxypropyl) uracil, (acp3)w, and 2,6-diaminopurine.

[0084] Methods for synthesizing antisense oligonucleotides are known, including solid phase synthesis techniques. Equipment for such synthesis is commercially

available from several vendors including, for example, Applied Biosystems (Foster City, CA). Alternatively, expression vectors that contain a regulatory element that directs production of an antisense transcript can be used to produce antisense molecules.

[0085] It is understood in the art that the sequence of an antisense oligonucleotide need not be 100% complementary to that of its target nucleic acid to be hybridizable under physiological conditions. Antisense oligonucleotides hybridize under physiological conditions when binding of the oligonucleotide to the TREM-1 nucleic acid interferes with the normal function of the TREM-1 nucleic acid, and non-specific binding to non-target sequences is minimal.

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RNAi

[0086] The present invention further contemplates the use of RNA interference (RNAi) to inhibit the expression of TREM-1, DAP12/TyroBP, or any other member of the TREM-1 or DAP12/TyroBP signaling pathways. The RNAi molecules of the present invention can be designed to specifically inhibit TREM-1, DAP12/TyroBP, or any other member of the TREM-1 or DAP12/TyroBP signaling pathways. Any type of RNAi sequence can be used for the present invention. Non-limiting examples include short interfering RNA (siRNA) molecules or short hairpin RNA (shRNA). A variety of algorithms are available for RNAi sequence design. In one embodiment, the target sequences for siRNA include about 18, 19, 20 or more nucleotides. 2dT's can be added to the 3' end during siRNA synthesis, creating an "AA" overhang. In many instances, the GC content of a target sequence is between 35% and 55%, and the sequence does not include any four consecutive A or T (i.e., AAAA or TTTT), three consecutive G or C (i.e., GGG or CCC), or seven "GC" in a row. More stringent criteria can also be employed. For instance, the GC content of a target sequence can be limited to between 45% and 55%, and any sequence having three consecutive identical bases (i.e., GGG, CCC, TTT, or AAA) or a palindrome sequence with 5 or more bases can be excluded. Furthermore, the target sequence can be selected to have low sequence homology to other variants or genes. The effectiveness of an RNAi molecule can be evaluated by

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introducing or expressing the RNAi sequence in a cell that expresses the targeted gene products. A substantial change in the mRNA or protein level of the targeted gene products is indicative of the effectiveness of the RNAi molecule in inhibiting the expression of that gene. Methods for expressing RNAi molecules in a cell are well
5 known in the art, and include, for example, lentivirus vectors.

Immunogenic Compositions

[0087] Compositions provoking an immune response to TREM-1 or DAP12/TyroBP can be used to reduce TREM-1 signaling. The compositions can
10 include TREM-1 or DAP12/TyroBP protein or a fragment or variant thereof (*e.g.*, a variant or a fragment of which has enhanced binding to a human MHC molecule) useful in provoking an immune response to human TREM-1 or human DAP12/TyroBP. The protein, fragment or variant can be supplied as an isolated polypeptide or with additional peptide sequence as, for example, in a fusion protein or a conjugate with
15 another polypeptide such as a carrier protein. In some embodiments, a nucleic acid encoding the protein, fragment or variant is provided in the immunogenic composition in lieu of providing the protein, fragment or variant itself.

[0088] An immunogenic composition preferably also contains an adjuvant. An adjuvant can be any substance that enhances or potentiates an immune response
20 (antibody and/or cell-mediated) to an exogenous antigen. Examples of immunostimulants include aluminum salts; biodegradable microspheres (*e.g.*, polylactic galactide); liposomes (into which the compound is incorporated); cytokines (such as, for example, GM-CSF or IL-2, IL-7, or IL-12, or nucleic acids encoding them); and CpG polynucleotides.

25 [0089] As noted above, a vaccine can contain DNA encoding TREM-1 or DAP12/TyroBP protein or a portion or variant thereof and can also contain DNA encoding an adjuvant protein such as a cytokine, such that the polypeptide or polypeptides are generated *in vivo*. The DNA can be present within any of a variety of

delivery systems known to those of ordinary skill in the art, including nucleic acid expression vectors, gene delivery vectors, and bacteria expression systems. Numerous gene delivery techniques are well-known in the art. Appropriate nucleic acid expression systems contain the necessary DNA sequences for expression in the subject
5 (such as a suitable promoter and terminating signal). Bacterial delivery systems involve the administration of a bacterium (such as *Bacillus-Calmette-Guerrin*) that expresses an immunogenic portion of the polypeptide on its cell surface or secretes such an epitope. In one embodiment, the DNA is introduced using a viral expression system (e.g., vaccinia or other pox virus, retrovirus, or adenovirus), which may involve the use of a
10 non-pathogenic (defective), replication competent virus. Techniques for incorporating DNA into such expression systems are well-known to those of ordinary skill in the art. The DNA can also be "naked," as described, for example, in Ulmer et al. (1993) *Science* 259:1745-1749. The uptake of naked DNA can be increased by coating the DNA onto biodegradable beads, which are efficiently transported into the cells. A
15 vaccine may comprise both a polynucleotide and a polypeptide component. Such vaccines may provide for an enhanced immune response.

Ligand binding competitors

[0090] TREM-1 signaling can also be inhibited by administration of a competitor
20 for binding to the ligand for TREM-1. This can be accomplished, for example, by administration of a soluble fragment of a TREM-1 extracellular domain, optionally coupled to a carrier protein, such as, for example, an IgG immunoglobulin known in the art. For example, administration of a TREM-1-Fc fusion protein using a TREM-1 fragment and a human IgG1 Fc portion has been described and shown to be effective to
25 protect against microbial sepsis (see, for example, U.S. Patent Application Publication No. 2005-0260670, herein incorporated by reference in its entirety). The IgG Fc portion of the fusion protein may be derived from any IgG subclass (e.g., IgG1, IgG2, IgG3, and IgG4). Methods of making TREM-1/IgG fusions proteins are well known. For example, Bouchon et al. (2000) *Am. Assoc. Immun.* 164(10):4991-95 describes and

teaches how to produce a soluble TREM-1-Fc fusion protein. It is now expected, based on the association of TREM-1 and DAP12/TyroBP with RA, that similar administration of a suitable TREM-1 fragment in RA patients should reduce the severity of the disease. Importantly, treatment of a human does not necessarily require administration of a
5 fragment of wild-type human TREM-1: other TREM-1 fragments from other mammals can be used, and one or more amino acid substitutions can be incorporated, so long as the fragment retains the ability to compete with endogenous human TREM-1 for binding to ligand.

10 *Binding Partners*

[0091] A further means for treating inflammatory disease, such as, for example, RA and asthma, includes administration of a binding agent, such as a protein, a peptide and/or an antibody or a portion thereof (e.g., a Fab, F(ab')₂, Fv or a single chain Fv fragment), that interacts with, e.g., binds to and/or neutralizes, a therapeutic target.
15 Therapeutic targets of the present invention include, for example, TREM-1, TREM-1 ligand, DAP12/TyroBP, and any other member of the TREM-1 signaling pathway. Administration of an anti-TREM-1 binding agent, for example, an anti-TREM-1 antibody, to an RA or asthma patient can reduce the symptoms of the disease by inhibiting and/or antagonizing TREM-1 or DAP12/TyroBP activity or TREM-1
20 signaling. The antibody can be an isolated antibody. In one embodiment, the antibody is an antagonistic antibody. In another embodiment, the antibody is a neutralizing antibody. In a further embodiment, the antibody modulates, reduces and/or inhibits one or more TREM-1 associated activities, including, but not limited to, modulating, reducing and/or inhibiting TREM-1 interaction with TREM-1 ligand and/or
25 DAP12/TyroBP; modulating, reducing and/or inhibiting TREM-1 mediated signal transduction; modulating, reducing and/or inhibiting expression of TREM-1 activated pro-inflammatory cytokines and/or chemokines; and modulating, reducing and/or inhibiting the expression of TREM-1 activated genes, such as, for example, SPP1. Anti-TREM-1 antibodies of the invention can include, for example, antibodies that

specifically bind TREM-1, and/or antibodies that bind the membrane-bound form of the TREM-1 receptor without activating the TREM-1 receptor. In certain embodiments the antibody or fragment thereof is directly or indirectly labeled with a detectable substance to facilitate detection of the bound or unbound antibody. Suitable detectable substances
5 include, for example, enzymes, prosthetic groups, fluorescent materials, luminescent materials and radioactive material. Methods of making and methods of screening antibodies such as those useful for practicing the invention are well known in the art (see, *e.g.*, Harlow *et al.* (1988) Antibodies: A Laboratory Manual, (New York: Cold Spring Harbor Laboratory). Anti-TREM-1 antibodies of the invention can also include
10 single domain antibodies derived from any species. Alternate binding domain polypeptides, such as, for example, a SMIPTM, can also be used to inhibit and/or antagonize TREM-1 or DAP12/TyroBP activity or TREM-1 signaling. The antibodies, or fragments thereof, can also be used in diagnosing, monitoring, and/or preventing in a subject an inflammatory disease, such as, for example, RA and asthma.

15

EXAMPLES

[0092] *Example 1: Transcriptional profiling analysis of TREM-1 and DAP12/TyroBP*

[0093] Global analysis of messenger RNA by gene expression analysis has been
20 successfully applied to many diseases to identify genes that contribute to disease pathogenesis and that are potential targets for novel therapies (Battiwalla *et al.* (2005) Genes and Immunity 6(5):388-97). Using gene expression analysis, TREM-1 and DAP12/TyroBP were identified as a potential target for therapies for inflammation diseases, such as, for example, RA.

25 [0094] Briefly, twenty-four synovial tissue samples were obtained from RA patients during surgery as defined by American College of Rheumatology criteria, with prior approval from the local research ethics committee. Of these twenty-four samples, ten samples were obtained from joint synovium and fourteen samples were obtained

from tenosynovium. Eight uninvolved (*i.e.*, normal) synovial tissues were obtained from non-RA patients. The uninvolved synovial tissues were isolated from three patients who required amputation due to blunt trauma and the synovia were isolated from sites distant from the points of trauma. Synovial samples from RA patients and non-RA patients were harvested and immediately flash frozen in liquid nitrogen and stored at -80°C until processed. Total RNA was isolated and analyzed using Affymetrix® (Santa Clara, CA) HG_U95A and B (human samples) GeneChip® oligonucleotide microarrays. Expression measurements from the arrays were generated by the Affymetrix® MAS4 algorithm, and normalized to estimates of transcripts per million by reference to spiked-in standards (Hill *et al.* (2001) Genome Biol. 2(12):RESEARCH0055).

RNA isolation

[0095] Frozen samples were disrupted and lysed in tissue lysis buffer (RNAagents® Kit, Promega, Madison, WI) with a PowerGen™ 700 homogenizer (Fisher Scientific, Pittsburgh, PA). Total RNA was isolated with a modification of the manufacturer's recommendations. Briefly, RNA was precipitated with the addition of isopropanol and washed twice with cold 75% ethanol. The pellet was dissolved in RNeasy® minikit sample lysis buffer (RLT) and RNA was purified according to the manufacturer's recommendations (Qiagen, Hilden, Germany). For each sample, total RNA was quantitated from a measure of UV absorption at 260 nm, and an aliquot was analyzed with an Agilent® 2100 Bioanalyzer™ (Agilent Technologies, Santa Clara, CA) to determine RNA integrity.

Preparation of Hybridization solutions for Oligonucleotide Array Analysis

[0096] Double-stranded cDNA was prepared from 5 µg of total RNA using the SuperScript® Choice™ kit (Invitrogen, Carlsbad, CA) and 33 pMol of oligo-dT primer containing a T7 RNA polymerase promoter (Proligo, LLC, Boulder, CO). First strand cDNA synthesis was initiated with the addition of the following kit components: first strand buffer at 1X, DTT at 10 mM, dNTPs at 500 µM, Superscript® RT II at 400 U, and RNase inhibitor at 40 U. The reaction proceeded at 47°C for 1 hour. Second

- strand synthesis proceeded with the addition of the following kit components: second strand buffer at 1X, additional dNTPs at 200 μ M, E. coli DNA polymerase I at 40 U, E. coli RNaseH at 2 U, E.coli DNA ligase at 10 U. The reaction proceeded at 15.8°C for 2 hr. T4 DNA polymerase (New England BioLabs, Beverly, MA), at a final
- 5 concentration of 6 U, was added for the last five minutes of the second strand reaction. Double stranded cDNA was purified using a solid-phase, reversible immobilization technique, and collected in a volume of 20 μ l of 10 mM Tris acetate, pH 7.8. Purified cDNA (10 μ l) was transcribed with the BioArray™ High Yield™ RNA Transcript Labeling Kit (T7), following the manufacturer's protocol (Enzo, Farmingdale, NY).
- 10 Biotin-labeled, anti-sense cRNA was purified using an RNeasy® mini kit as described by the manufacturer (Qiagen, Hilden, Germany). The cRNA yield was determined from a measure of UV absorption at 260 nm.

Oligonucleotide Microarray Hybridization Procedures

- [0097] To improve hybridization efficiencies, 15 μ g of cRNA was fragmented.
- 15 The fragmented cRNA probes were used to create an oligonucleotide microarray hybridization solution as suggested by the manufacturer (Affymetrix, Santa Clara, CA). Hybridization solutions contained a mix of eleven prokaryotic RNAs, each at a different known concentration, which were used to create an internal standard curve for each microarray and was interpolated to determine the frequencies of detected genes.
- 20 Hybridization solutions were pre-hybridized to two glass beads (Fisher Scientific, Pittsburgh, PA) at 45°C overnight. The hybridization solution was removed to a clean tube and heated for 1-2 min at 95°C and microcentrifuged at maximum speed for 2 minutes to pellet insoluble debris. Labeled cRNA solutions were hybridized to Affymetrix® (Santa Clara, CA) Hg_U95Av2 & B GeneChip® oligonucleotide
- 25 microarrays on which sequences for 25,128 human gene sequences were arrayed. Following hybridization, cRNA solutions were recovered and microarrays were washed and prepared for scanning according to Affymetrix protocols. Raw fluorescence data were collected and reduced with the use of the GeneChip® 3.2 application (Affymetrix, Santa Clara, CA).

Analysis of Expression Profiling Data

[0098] The primary data were processed using the hybrid scaled frequency normalization described by Hill *et al.* (2001) Genome Biol. 2(12):RESEARCH0055.

The scaled frequency data were reduced and analyzed using GeneSpringGX™ v7.3

5 (Agilent Technologies, Santa Clara, CA). Two types of analyses were performed. In the first, all diseased samples were compared against all normal samples. In the second, the data were subdivided based upon site of disease, such that joint RA synovia were normalized to the average values of the control joint synovial samples, and tenosynovial RA samples were normalized to the average values of the control tenosynovial samples.

10 [0099] To identify transcripts that were associated with RA, gene transcript scaled frequencies from each of the diseased samples were normalized to the average of all of the non-rheumatoid gene transcript frequencies. Data were reduced by filtering for gene transcripts that had either increased or decreased levels of expression relative to the average of the controls. In addition to the data normalization steps, several

15 statistical analyses were performed on the filtered data. False discovery rates (FDR) and Bonferroni family-wise error rates (FWER) were determined using a cutoff p-value of 0.05. In addition, an unsupervised hierarchical cluster analysis and a k-nearest neighbor analysis of the data set were performed in GeneSpring™. The resulting data set was visualized with an unsupervised hierarchical cluster analysis.

20

[0100] In a second analysis, the joint and tendon samples were analyzed separately. Joint synovial and tenosynovial samples were normalized to the averages of their respective site-specific controls. The same filtration and statistical parameters were applied to each of analysis as described above. The two resulting data sets were

25 combined using a Venn analysis and were subjected to an unsupervised hierarchical cluster analysis of the genes and samples. An analysis using k-nearest neighbor was used to discriminate between the four parameters: disease, non-disease, joint, and tendon. The process for this analysis is described below. The genes with the best

discrimination were then subjected to an unsupervised hierarchical cluster analysis of the samples and genes.

[0101] Statistical analysis of expression data was executed on log-2 transformed expression measurements. Fold-changes between groups of samples were computed by taking the difference of the means of the log-2 expression levels in each group, and back-transforming the resulting log-fold-change to the linear scale. The significance of differential expression between groups was determined by a permutation test. Briefly, an F-statistic was computed for each probeset in each comparison of interest, using a within-group error estimate derived from pooling the error estimates of probesets with similar intensity levels. The observed F-statistics were referred to a null distribution of identically calculated F-statistics from the same dataset after random permutation of the sample labels. The p-value for differential expression was defined as the fraction of permutation F-statistics that were greater than the observed F-statistic for each probeset (Edington (1995) Randomization Tests (New York: Marcel Dekker); Zar (1999) Biostatistical Analysis (New Jersey: Simon & Shuster)).

Results

[0102] Gene expression analysis of synovial biopsies revealed that TREM-1 and DAP12/TyroBP mRNA expression is significantly up-regulated in RA patients. FIGURE 1 is a bar graph showing expression of TREM-1 and DAP12/TyroBP in synovium from RA patients. The fold changes of TREM-1 expression were normalized to normal synovium specimens. TREM-1 mRNA was up-regulated 6.5 fold (p-value of 1.98×10^{-6}) in RA positive samples (n = 24) as compared to uninvolved samples (n = 8) (FIGURE 1). Moreover, DAP12/TyroBP mRNA was up-regulated 2 fold (p-value of 7.83×10^{-4}) in RA positive samples (n = 24) as compared to uninvolved samples (n = 8) (FIGURE 1).

[0103] In addition to being up-regulated in RA, TREM-1 and DAP12/TyroBP mRNA expression levels vary with the severity of RA. Fourteen tendon samples from RA patients were divided into two clinically defined disease subtypes, invasive and encapsulated, invasive RA being the more progressive form. TREM-1 mRNA was up-

regulated 2.64 fold (p-value of 1.36×10^{-4}) in invasive tenosynovium samples (n = 7) as compared to encapsulated tenosynovium samples (n = 7) (FIGURE 1). Likewise, DAP12/Tyro12 mRNA was up-regulated 1.4 fold (p-value of 1.67×10^{-2}) in invasive samples (n = 7) as compared to encapsulated samples (n = 7) (FIGURE 1).

5 [0104] A comparison of cell-specific gene expression in monocytes, neutrophils, and macrophages indicates that inflammatory cell infiltration is only partly responsible for increased TREM-1 expression levels in RA positive synovial tissues. In order to identify whether the increased TREM-1 expression was due to the infiltration of TREM-1 positive inflammatory cells in the RA synovium, we looked globally at the
10 expression levels of genes that were specifically expressed in monocytes (182 genes), neutrophils (328 genes) and macrophages (34 genes). The mean expression levels of these genes range from 1.22 to 1.59, with large standard deviations. The increased expression of TREM-1 was mainly caused by the up-regulation of TREM-1 gene expression rather than by a large increase in cell infiltration.

15

Example 2: Quantitative real-time PCR of TREM-1 and DAP12/TyroBP

[0105] TREM-1 and DAP12/TyroBP mRNA are overexpressed in a collagen-induced arthritis model. Collagen-induced arthritis (CIA) was performed in male DBA/1 mice (Jackson Laboratories, Bar Harbor, ME) using bovine collagen type II
20 (Chondrex, Redmond, WA). Mice were monitored for disease progression at least three times a week. Individual limbs were assigned a clinical score based on the following index: (0) normal; (1) visible erythema accompanied by one to two swollen digits; (2) pronounced erythema, characterized by paw swelling and/or multi digit swelling; (3) massive swelling extending into ankle or wrist joint; and (4) difficulty in use of limb or
25 joint rigidity. The sum of all limb scores for any given mouse yields a potential maximum total body score of 16. Animals were euthanized and tissues were harvested at various disease stages. RNA from disease animals was prepared from three score 3 paws and one score 4 paw. RNA extracted from normal animals was prepared from

four score 0 paws. TREM-1 mRNA was quantified using the following primers and probe:

Forward primer CAGATGTGTTCACTCCTGTCATCA (413-436) (SEQ ID NO:1);

5 Reverse primer CTGGGTGAGTATTTTGTGGTAATAAGG (494-468) (SEQ ID NO:2);

Probe CCTATTACAAGGCTGACAGAGCGTCCCA (439-466) (SEQ ID NO:3).

A standard curve was generated using known concentrations of mTREM-1.

10 DAP12/TyroBP mRNA was quantified using the following primers and probe:

Forward primer CCTGGTCTCCCGAGGTCAA (255-273) (SEQ ID NO:4);

Reverse primer GGCGACTCAGTCTCAGCAATG (323-302) (SEQ ID NO:5);

Probe TTGTTTCCGGGTCCCTTCCGCT (300-279) (SEQ ID NO:6).

[0106] In order to calculate fold-changes in expression, TREM-1 RNA levels and
15 DAP12/TyroBP RNA levels were normalized to GAPDH mRNA. By RT-PCR, TREM-1 mRNA was up-regulated 132 fold in CIA paws as compared to paws from normal mice (FIGURE 2), while DAP12/TyroBP was up-regulated 8.21 fold (FIGURE 2). These results further confirm that expression of TREM-1 and proteins associated with TREM-1 signaling are elevated in the sites of RA disease.

20

Example 3: TREM-1 expression by immunohistochemistry

[0107] Immunohistochemistry of various synovial samples was performed to determine whether TREM-1 expression was increased at the protein level. Briefly, five RA synovial samples were obtained from patients during surgery through the Kennedy
25 Institute of Rheumatology and two OA tissues were obtained from New England Baptist Hospital. Tissues were fixed in formalin and embedded in paraffin. Immunohistochemistry was performed on 4 μ m tissue sections. Sections were first de-

paraffinized in xylene and rehydrated in a graded ethanol series. After washing with PBS, antigens were retrieved and cells were permeablized with Tween 20. Samples were immunostained with mouse anti-TREM-1 antibody (R&D Systems, Minneapolis, MN) in a BiogenexTM i6000TM system according to a standard protocol. The
5 secondary antibody and detection reagent used were from a Mach3TM-mouse probe HRP polymer kit (Biocare, Concord, CA). Cells positive for immunohistochemistry staining were defined as those with brown pigments. For each slide, ten 200x fields of view adjacent to the synovial surface were randomly selected and immunohistochemistry-positive cells were counted and totaled as an
10 immunohistochemistry-positive cell index.

[0108] Immunohistochemistry on sections from five RA patients revealed high TREM-1 levels in three out of five patients, with extremely high levels observed in one patient, RA4 (Table 1). Two of the RA samples (RA1 and RA2) had low TREM-1 levels and were similar to control samples (OA1 and OA2) from osteoarthritis patients
15 (Table 1). FIGURE 3A depicts one representative field of an anti-TREM-1 labeled RA synovial tissue sample. FIGURE 3B depicts one representative field of an anti-TREM-1 labeled synovial tissue sample from a control, OA patient.

[0109] To identify the cell type of TREM-1 positive cells in RA samples, double immunohistochemistry of TREM-1 and CD163, CD14, CD68 or myeloperoxidase was
20 performed sequentially by staining with TREM-1 antibody first, followed by CD163 (10D16 from Labvision, Freemont, CA), CD14 (Labvision, Freemont, CA), CD68 (PG-M1 from Biocare, Concord, CA), or myeloperoxidase (Abcam, Cambridge, UK) antibodies, respectively. None of the sections stained with myeloperoxidase suggesting the absence of neutrophils. Surprisingly, only sections from RA5 stained with CD68,
25 but these sections did not co-stain with TREM-1. A small portion (3-10%) of TREM-1 positive cells from RA3 and RA5 were co-stained with CD14 or CD163. The difference in the presence of these markers and TREM-1 in the five RA synovium sections reflected the heterogeneity of the disease.

Table 1. Index of TREM-1 positive cells in RA and control (OA) synovium samples.

	Sample	Patient samples	IHC positive cell
			index
5	1	RA1	27
	2	RA2	20
	3	RA3	129
	4	RA4	>1000
	5	RA5	297
	6	OA1	27
	7	OA2	5

Example 4: Detection of soluble TREM-1 in human clinical plasma samples

[0110] An enzyme-linked immunosorbent assay (ELISA) was performed to demonstrate that TREM-1 protein levels are both detectable and elevated in human RA samples. Plasma from RA patients was obtained from a phase two, double-blinded, placebo-controlled, parallel, randomized, multicenter, out-patient, comparative study in subjects with active RA and an inadequate response to stable dosages of methotrexate (MTX) (7.5 to 20 mg once weekly). Subjects were enrolled at 81 sites worldwide. At selected sites, 32 subjects who agreed to participate in the voluntary sample collection for exploratory biomarker studies provided blood samples. Data reported here is from plasma samples taken on day 1 (predose). The control group plasma was collected from subjects enrolled in a healthy volunteer multicenter, prospective, non-interventional observational study. Each clinical site's institutional review board or ethics committee approved these studies, and no procedures were performed before obtaining informed consent from each patient.

[0111] An ELISA protocol for detecting soluble TREM-1 in human clinical plasma samples was adapted from a DuoSet® ELISA Development System, which is commercially available from R&D Systems (Minneapolis, MN; catalog number DY1278). The adapted ELISA protocol reduced false positives and improved the linear dynamic range of the standard curve. Briefly, ELISA was performed in a sandwich format with 4.0 ug/ml of capture antibody and 200 ng/ml of detection antibody. The

plasma samples were diluted 1:2 fold in GF1 buffer, which is commercially available from Meso Scale Discovery (Gaithersburg, Maryland; catalog number R54BB-3). The standard was also diluted with 1:2 dilution of neat plasma in GF1 buffer. The limit of the detection was 1.37 pg/ml using a four parameter curve fit (XL-Fit IDBS, Burlington, MA) with R^2 of 0.999 in the range of 1.37 to 1000 pg/ml.

[0112] Using the above ELISA method, 32 samples from RA patients and 25 samples from healthy volunteers (HVOS) were tested. FIGURE 4 is a graph showing protein levels of soluble TREM-1 detected by ELISA in human plasma samples obtained from RA and control patients (HVOS). As seen in FIGURE 4, the average amount of soluble TREM-1 in RA plasma was 10.04 ± 1.626 (n=32) pg/ml, while the average amount of soluble TREM-1 in healthy volunteers (HVOS) was 2.549 ± 0.6253 (n=25) pg/ml. The level of soluble TREM-1 in RA plasma is higher (more than three fold) than that of healthy volunteers, with a p-value of <0.0001 (unpaired t test). Thus, detection of increased levels of human soluble TREM-1 in plasma correlates with and is indicative of RA.

[0113] In addition, a significant association between elevated plasma TREM-1 levels and elevated levels of rheumatoid factor was detected.

Example 5: Activation of mitogen activated protein kinases after crosslinking of TREM-1

[0114] Purified human monocytes were seeded into wells pre-coated with either isotype-matched control antibody or α -TREM-1 cross-linking antibody to determine whether TREM-1 receptor activation triggers the activation of mitogen activated protein kinases (MAPKs). Briefly, human leukopacks (Buffycoats) from healthy volunteers were obtained from the Massachusetts General Hospital Clinical Hematology Laboratory (Boston, MA). Buffycoats were stored at 4°C overnight for cell isolation the following day. Monocytes were isolated by negative selection using RosetteSep® (StemCell Technologies, Vancouver, BC; 15068) as per the manufacturer's protocol by

density centrifugation over Histopaque® (SIGMA, H8889). All incubations were at 37°C in a tissue culture incubator maintained at 5% CO₂. Purified monocytes were maintained in RPMI 1640 medium supplemented with 10% heat-inactivated fetal bovine serum. Tissue culture-treated plates were treated with a 5 µg/ml solution of α-TREM-1 crosslinking antibody (R&D Systems, Minneapolis, MN; MAB1278) in PBS overnight in a tissue culture incubator. Control wells were similarly treated with an isotype-matched antibody to *E. tenella* (Wyeth, Madison, NJ). Wells were washed twice with PBS immediately prior to cell addition. Western blots were performed using standard protocols over a time course of 5 to 180 minutes (see FIGURE 5). α-phospho-ERK, α-phospho-p38, and α-phospho-JNK antibodies were purchased from Cell Signaling Technologies (Danvers, MA; 9101, 9211 and 9251, respectively). α-actin antibody was purchased from Sigma (St. Louis, MO; A2103). As seen in FIGURE 5, activation of TREM-1 with a crosslinking antibody results in broad activation of MAPKs. p38 and JNK were previously unknown to be responsive to TREM-1 activation. These broad pro-inflammatory responses were corroborated by global gene expression changes arising from TREM-1 activation in purified human monocytes (see Example 10).

Example 6: Transcriptional profiling analysis after α-TREM-1 and LPS treatments

[0115] Transcription profiling analysis was employed to identify genes that are differentially expressed upon activation of the TREM-1 receptor. Using transcriptional profiling, secreted phosphoprotein 1 (SPP1; also known as osteopontin (OPN), bone sialoprotein I (BSPI), early T-lymphocyte activation 1 (ETA-1), or MGC110940) was identified as a marker specific for TREM-1 activation, as opposed to being an obligatory pro-inflammatory readout.

Tissue culture preparation and RNA isolation

[0116] Purified human monocytes from multiple donors were prepared as described in Example 9 and were seeded into tissue-culture treated wells. Tissue-

culture treated wells were either untreated (for untreated control and lipopolysaccharide (LPS) treatment), or pre-coated with either isotype-control antibody or α -TREM-1 crosslinking antibody as described in Example 9. For LPS treatments, gel filtration chromatography purified LPS from *S. enterica* (Sigma, St. Louis, MO; L2262) was added to a final concentration of 1 ng/ml. Subsequently, 5×10^6 monocytes were plated into untreated or antibody-coated 12-well tissue culture-treated plates. After 2 hours treatment, total RNA was isolated using Qiagen® QIAshredder™ columns and RNeasy® Mini Kits (Valencia, CA; 79654 and 74104, respectively) as per the manufacturer's protocols. A 2 hour time-point was chosen to minimize the contribution of secondary and/or differentiation effects, while generating gene expression changes suitable for high-confidence analysis. Total RNA yields ranged from 1-6 μ g. Total RNA was further purified by DNase treatment, followed by phenol-chloroform extraction and ethanol precipitation, using standard protocols. Microarray analysis was performed using Affymetrix® HG_U133 2.0 Plus arrays according to established protocols. For each array, all probe sets were normalized to a mean intensity value of 100. Default GeneChip® Operating System (GCOS) statistical values were used for all analyses. Monocytes from a total of 11 healthy donors were analyzed.

Analysis of Expression Profiling Data

[0117] Qualifiers present at >50 signal and called present in >66% of treatment groups were considered for analysis. Normalized signal values were transformed to $\log_2$ values prior to ANOVA analysis. Qualifiers with $p < 0.01$ and ≥ 2 -fold change (FC) in expression between any treatment groups were used to generate the heat-map in FIGURE 6 and for subsequent analyses. Fold reductions are reported as negative fold-changes. For genes represented by multiple qualifiers, the qualifier with the highest average intensity in the untreated sample was chosen for further analysis.

[0118] FIGURE 6 shows a heat-map clustering analysis of the transcriptional profiling data. In FIGURE 6, individual donors are shown on the left (each column represents an individual donor) and average mean intensity is shown on the right; each row represents an individual qualifier. Fluorescent intensities are shown. α -TREM-1-

treated samples were compared to control antibody-treated samples and LPS-treated samples were compared to no treatment. A hierarchical clustering algorithm was used to group qualifiers with similar patterns of expression. In FIGURE 6, bracketed regions indicate heat map regions corresponding to qualifiers up-regulated by TREM-1

5 activation, up-regulated by LPS, common down-regulated, down-regulated by TREM-1 activation, or down-regulated by LPS.

[0119] FIGURE 7 shows an exemplary scatter plot of all present calls. For scatter plot analysis, $\ln$ fold-changes plotted for TREM-1 (x-axis) and LPS (y-axis), with down-regulation converted to negative values. $\ln$ FCs (α -TREM-1/control antibody and

10 LPS/no treatment) for all present calls were calculated and plotted, with down-regulated genes plotted as $\ln (-1/\text{FC})$. Selected genes are highlighted. The 45° axis demarcates genes comparably regulated by both treatments.

[0120] FIGURES 23 and 24 are tables listing genes which were determined to be responsive to TREM-1 activation and/or treatment with LPS. FIGURE 23 shows the

15 qualifier, gene name, gene description, and average intensity of identified genes with various treatments. Treatments included: untreated (control), isotype antibody (control), α -TREM-1 antibody, LPS, isotype antibody plus α -TREM-1 antibody, and α -TREM-1 antibody plus LPS. FIGURE 24 shows the qualifier of identified genes as well as the p-value and ratio for comparisons between different treatments. The

20 following treatments were compared: α -TREM-1 v. isotype; LPS v. untreated; α -TREM-1 v. LPS; α -TREM-1 plus LPS v. isotype; α -TREM-1 v. α -TREM-1 plus LPS; and LPS v. α -TREM-1 plus LPS.

Results

[0121] Multiple genes were identified as being differentially expressed in response

25 to α -TREM-1 treatment and/or LPS treatment (see FIGURES 7, 8A-B, 9A-B, and 23-34) and can therefore be used as biomarkers to evaluate agents that modulate TREM-1 and/or LPS signaling. Differentially expressed genes fell into three main categories: TREM-1 biased genes, LPS biased genes, and genes which were comparably expressed

in response to both α -TREM-1 and LPS treatments. The genes listed in FIGURES 8A-B are ranked by TREM-1/LPS ratio or LPS/TREM-1 ratio, respectively. The TREM-1/LPS ratio (see FIGURE 8A) and LPS/TREM-1 ratio (see FIGURE 8B) were calculated from a direct pairwise comparison, which accounts for any variation with respect to fold-changes in individual treatments. Fold-changes in gene expression resulting from dual treatment, *i.e.*, treatment with both α -TREM-1 antibody and LPS, are also shown in FIGURES 8A-B, 9A-B, 23 and 24.

[0122] Genes which passed the above filtering criteria and which demonstrated >4-fold changes in expression were considered for further analysis. By these criteria, 238 genes were up-regulated >4-fold with either TREM-1 activation or LPS. Of these, 69 genes were induced >4-fold in both treatments, or >4-fold in only one treatment but within 2-fold in a direct pairwise comparison between the two treatments; these genes have been categorized as commonly up-regulated. The remainder of genes up-regulated >4-fold with either TREM-1 activation (62 genes) or LPS treatment (101 genes) have been categorized as treatment-specific (*i.e.*, treatment-biased).

[0123] A summary of TREM-1 biased genes that are up-regulated >4-fold in response to TREM-1 activation is shown in FIGURE 8A. Provided are fold-changes with TREM-1 activation (TREM), LPS (LPS), and combined TREM-1 activation plus LPS (dual), ranked by the ratio of TREM-1/LPS. p-values for genes up-regulated >4-fold with TREM-1 activation ranged from 7.7×10^{-4} to 2.6×10^{-12} . Genes identified as preferentially induced by TREM-1 activation include SPRY2, cytokines and related molecules (TNFSF14, CSF1, SPP1, CCL7, IL1F5, LIF), metallothioneins (MT1K, MT1E, MT1F), phosphatases (DUSP14, DUSP4), transcription factors (EGR2, ATF3), factors involved in lipid metabolism and/or signaling (EDG3, LPL, PPAP2B, PLCXD1, NPC1, FABP3, ACSL3), MMP19, and PPARG. Of these genes, SPP1 is up-regulated 28.0 fold ($p = 1.2 \times 10^{-07}$) in response to TREM-1 activation (see FIGURES 8A and 11E), but is not appreciably up-regulated after LPS treatment. Thus, SPP1 is not an obligate pro-inflammatory readout and can serve as a marker for TREM-1 activity in a patient (or patient sample) and in screening assays for identifying TREM-1 modulating

agents. Moreover, SPP1 can also serve as an indicator of the efficacy or potential efficacy of a TREM-1 therapy for the treatment of inflammation or chronic inflammation, such as RA, in a patient. Additional genes which may be used as markers for TREM-1 activity are listed in FIGURES 8A, 23 and 24. Genes that met the filtering criteria but which are not listed in FIGURE 8A include C6orf114, C6orf128, C9orf47, KIAA1199, KIAA1393, LOC440995, and MGC33212. In general, genes preferentially induced by TREM-1 activation were largely unaffected by LPS treatment.

[0124] A summary of LPS biased genes that are up-regulated >4-fold in response to LPS treatment is shown in FIGURE 8B. Provided are fold-changes with TREM-1 activation (TREM), LPS (LPS), and combined TREM-1 activation plus LPS (dual), ranked by the ratio of LPS/TREM-1. p-values for genes up-regulated >4-fold with LPS in this Table ranged from 1.2×10^{-3} to 3.6×10^{-14} . Genes identified as preferentially induced by LPS include interleukins (IL23A, IL12B, EBI3, IL1F9, IL10, IL1A, IL18), interleukin receptors (IL15RA, IL2RA, IL7R), cytokines and related molecules (CSF3, CCL23, CXCL1, TSLP, CCL5, CLC, EREG, TNFSF9), factors involved in lipid metabolism and/or signaling (SGPP2, PLA1A, MGLL), kinases (MAP3K8, RIPK2, MAP3K4, TBK1, PIM3), regulators of NF- κ B signaling (TNIP3, NFKBIZ), CCR7, and CIAS1. Genes that met the filtering criteria but which are not listed in FIGURE 8B include C10orf78, C21orf71, FLJ14490, FLJ23231, FLJ25590, FLJ32499, KIAA0286, KIAA0376, LOC90167, LOC123872, LOC285628, LOC338758, LOC341720, LOCLOC374443, LOC387763, LOC400581, LOC441366, MGC10744, and MGC11082.

[0125] FIGURE 9A shows a summary of common up-regulated genes (*i.e.*, genes up-regulated by and TREM-1 activation and LPS treatment). Provided are fold-changes with TREM-1 activation (TREM), LPS (LPS), and combined TREM-1 activation plus LPS (dual), ranked by fold-induction with TREM-1 activation. p-values for genes up-regulated >4-fold with TREM-1 activation ranged from 1.7×10^{-3} to 1.5×10^{-10} , and those for LPS ranged from 4.1×10^{-3} to 2.0×10^{-14} . Genes identified as being commonly up-regulated include TNF superfamily members and modulators (TNFSF15,

BRE, TNF), chemokines (CXCL3, CXCL2, CCL20, CXCL5, CCL3), other cytokines and mitogenic factors (CSF2, IL-6, AREG), matrix metalloproteinases (MMP1, MMP10), and PTGS2/COX2. These results are consistent with both TREM-1 activation and LPS eliciting pro-inflammatory responses. Also present are INHBA, coagulation and vascularization factors (F3, EDN1, TFPI2, SERPINB2), transcription and DNA binding factors (HES4, EGR1, FOSL1, E2F7, EGR3, MAFF, ETS2, HES1), and factors involved in lipid metabolism and/or signaling (PLD1, ELOVL7, SYNJ2, GLA, STARD4). Genes that met the filtering criteria but which are not listed in FIGURE 9A include C20orf139, KIAA1718, LOC348938, LOC401151, LOC401588, LOC92162, and MGC4504.

[0126] In the combined (dual) treatment, the expression change for the majority of the genes in FIGURE 9A was within 2-fold of the sum of those in individual treatments. One exception was CSF2 (*i.e.*, GM-CSF), whose mRNA induction was significantly increased in combined treatment with respect to individual treatments (9.6-, 18.9-, and 192.4-fold with TREM-1 activation, LPS, and combined treatment, respectively).

[0127] A summary of genes with fold-changes <-4 (*i.e.*, down-regulated >4 -fold) with either TREM-1 activation or LPS treatment is shown in FIGURE 9B. Provided are fold-changes with TREM-1 activation (TREM), LPS (LPS), and combined TREM-1 activation plus LPS (dual), ranked by fold-induction with TREM-1 activation. p-values for genes down-regulated >4 -fold with TREM-1 activation ranged from 5.6×10^{-3} to 5.7×10^{-12} , and those for LPS ranged from 2.4×10^{-3} to 1.1×10^{-14} . As seen in FIGURE 6, a comparable number of genes were down-regulated in our analysis as were up-regulated, although there was less treatment specificity among these genes. Genes identified as being down-regulated include chemokine receptors (CCR2, CX3CR1), transcription factors (OLIG1, ZNF555, OLIG2), GTPases of immunity-associated proteins (GIMAP6, GIMAP7, GIMAP8, GIMAP1), and CCL8. CCR2, the down-regulation of which is a marker for monocyte-to-macrophage differentiation, is down-regulated in both α -TREM-1 and LPS treatments (see FIGURE 9B). In addition, TLR1 and NOD-like receptors (CARD12, NALP12) are also down-regulated. Genes that met the

filtering criteria but which are not listed in FIGURE 9B include C9orf59, FLJ12442, FLJ33641, LOC90120, MGC2941, and MGC17791. The dynamic range in down-regulation was lower than that for up-regulation, as expected, given the limiting kinetic contribution of mRNA half-lives to the analysis.

5 [0128] In general, relatively few genes were down-regulated in one treatment but not the other. One gene that was not commonly down-regulated is the oligodendrocyte transcription factor OLIG2, which was up-regulated 3.1-fold by TREM-1 activation and down-regulated 5.6-fold by LPS (see FIGURE 9B).

[0129] In addition, TREM-1 and LPS differentially regulate CSF production, with
10 M-CSF being TREM-1-biased and G-CSF being LPS-specific (see FIGURES 7, 8A-B).

Example 7: Phagocytosis assay

[0130] Human THP-1 cells were treated with α -TREM-1 and LPS to compare the effects of α -TREM-1 treatment and LPS treatment on THP-1 cell morphology and
15 behavior. Human THP-1 cells (ATCC; TIB-202) were maintained according to the recommended propagation guidelines. For enhanced visualization, THP-1 cells were transduced with a GFP-expressing lentivirus prior to the indicated treatments in tissue culture-treated wells for 5 days. Phagocytosis assays were performed by adding
Fluoresbrite™ polychromatic red 1.0 micron microspheres (Polysciences, Inc.,
20 Warrington, PA; 18660), incubating in a tissue culture incubator for 30 minutes, and washing with growth medium to remove un-opsonized beads prior to imaging. α -TREM-1 treatment induced morphological changes in THP-1 cells (FIGURE 10A). Moreover, both α -TREM-1 treatment and LPS treatment induced phagocytosis of
labeled microspheres (1 μ M beads appear in red), consistent with a role for TREM-1
25 activation in stimulating an immune response (FIGURE 10B).

Example 8: ELISA profiling of gene expression

[0131] Differential expression of selected genes in response to α -TREM-1 and LPS treatments were confirmed by ELISA. ELISAs were performed on conditioned media as per the manufacturers' protocols. The levels of proteins secreted into cell-culture media following either TREM-1 activation or LPS were measured over an 8 hour time-course. GM-CSF was an analyte on custom-coated plates ordered from Meso Scale Discovery (Gaithersburg, MD). M-CSF, G-CSF, INHBA, and SPP1 detection kits were purchased from R&D Systems (Minneapolis, MN; DMC00, DCS50, DY338, and DOST00, respectively). The IL-23 detection kit was purchased from eBioscience (San Diego, CA; 88-7237).

[0132] Detection of target protein levels (with fold changes in transcript levels for TREM-1 and LPS, respectively, in parentheses) confirmed that SPP1 (28.0 and 3.7; FIGURE 11E) and M-CSF (22.0 and 1.8; FIGURE 11B) are up-regulated in response to TREM-1 activation, but not in response to LPS treatment. These results also demonstrate that secreted SPP1 protein is detectable in extracellular fluids, such as tissue culture medium. Moreover, protein levels of G-CSF (1.3 and 45.2; FIGURE 11C) and IL-23 (-1.1 and 31.8; FIGURE 11F) confirmed that these genes are up-regulated in response to LPS treatment. Finally, protein levels of INHBA (96.7 and 97.0; FIGURE 11D) and GM-CSF (9.6 and 18.9; FIGURE 11A) confirmed that these genes are comparably up-regulated in response to both TREM-1 activation and treatment with LPS.

[0133] These ELISA results validate the use of transcriptional profiling analysis to identify genes responsive to TREM-1 activation and LPS treatment. These results also identify, for the first time, cytokines or related factors which are induced by TREM-1 activation but which are not also induced by LPS. Moreover, the ELISA results show that SPP1 is up-regulated at the protein level in response to TREM-1 activation and that SPP1 can be used as a marker for TREM-1 activation. Additional genes which may be used as markers for TREM-1 activity are listed in FIGURES 8A, 23 and 24.

Example 9: Analysis of cytokine production from synovium of RA patients upon TREM-1 activation

[0134] Activation of TREM-1 with a crosslinking antibody has been shown to
5 trigger the production of pro-inflammatory factors in both human monocytes and
neutrophils. We therefore tested whether TREM-1 activation had a similar pro-
inflammatory effect in RA positive synovial cultures. The synovium culture assay was
performed as first described by Brennan *et al.* (1989) J. Autoimmunity 2 Supp:177-86.
Briefly, synovial tissues were obtained during arthroscopic knee surgery of three
10 different RA patients (Arthritis and Osteoporosis Center of Maryland in Frederick,
MD). Samples were placed in RPMI with 5% fetal calf serum (FCS) for transport. To
disrupt tissue and release cells, tissues from Donor 1 and Donor 2 were treated with 50
ml of RPMI with 5% FCS containing 5 mg/ml collagenase IV (Invitrogen, Carlsbad,
CA) and 0.15 mg/ml DNase I (Sigma, St. Louis, MO) and rotated at 37°C for 90 min.
15 Tissue from Donor 3 was prepared similarly, except that Liberase Blendzyme 4
(Roche) was substituted for the collagenase/DNase, and was used according to the
manufacturer's suggested protocol. Liberase Blendzyme 4 is promoted as being
virtually endotoxin-free. Debris was removed by passing the sample over 100 µm
nylon mesh. Cells were washed and resuspended in RPMI with 0.5% FCS for plating.
20 For antibody activation of TREM-1, tissue culture treated plates were coated with 100
µl of antibody solution containing either anti-hTREM-1 antibody (MAB1278, R&D
Systems, Minneapolis, MN) or an isotype-matched control antibody, anti-E. tenella
(Wyeth, Madison, New Jersey), at indicated concentrations for 3 hours prior to cell
addition. Anti-hTREM-1 antibody was assayed at concentrations of 0.12, 0.37, 1.11,
25 3.33, and 10 µg/ml; control antibody was assayed at concentrations of 0.12, 1.11, and
10 µg/ml. Wells were washed twice with PBS prior to adding 100 µl of cell suspension
at a cell density of 6×10^5 cells/ml. After 24 hours, supernatants were assayed for the
indicated factors using multiplex ELISA plates (Meso-Scale Discovery, Gaithersburg,
Maryland).

[0135] As seen in FIGURE 12, which represents data from one individual, activation of TREM-1 in these cultures using a cross-linking antibody induced the production of TNF- α , IL-6, IL-1 β and GM-CSF in a dose dependent manner. Similar results were obtained from all three donor samples. Moreover, FIGURE 13A shows a comparison of spontaneous cytokine production in each of the three donor samples, and FIGURE 13B shows a comparison of cytokine production upon crosslinking of TREM-1 in each of the three donor samples. As shown in FIGURE 13A, Donor 3 spontaneous cytokine levels are considerably lower than those for Donors 1 and 2, which is consistent with less endotoxin contamination, but could also be due to donor variability. The results from all three donors indicate that TREM-1 is functionally present in RA cultures and that TREM-1 is capable amplifying the inflammatory response in RA synovium.

Example 10: mTREM-1-hFc transgenic mouse

[0136] Transgenic mice were generated to constitutively express a fusion protein comprising extracellular domain of mouse TREM-1 and the Fc portion of a human IgG1 ("mTREM-1-hFc"). The nucleotide and protein sequences of the fusion protein construct are shown in SEQ ID NO:7 and SEQ ID NO:8, respectively. Alternatively, transgenic mice can be generated where the TREM-1-hFc construct is under the control of an inducible promoter rather than being constitutively expressed. Soluble TREM-1-Fc fusion proteins are also well known in the art, and have been shown to protect against LPS and septic shock as well as zymosan-A induced granuloma formation.

K/BxN transfer in mTREM-1-hFc transgenic mice

[0137] A murine K/BxN model is a mouse model that resembles many forms of human inflammatory arthritis, including RA (Ditzel (2004) Trends Mol. Med. 10(1):40-45). As shown in FIGURE 14, TREM-1 mRNA expression was markedly increased in K/BxN paws as compared to normal paws. Therefore, serum or antibody from arthritic

K/BxN mice can be transferred to experimental animals to determine if the mTREM-1-hFc construct inhibits the inflammatory response to K/BxN serum or antibody.

[0138] In one experiment, transgenic mice expressing a soluble mTREM-1-hFc fusion protein were challenged with K/BxN serum to assess whether soluble TREM-1
5 reduces arthritic inflammation. Briefly, TREM-1 transgenic ("Tg) mice were generated on a C57BL/6 background to express a soluble mTREM-1-hFc fusion protein under the control of a CAGGS promoter, which is a ubiquitously strong fusion promoter that is comprised of the CMV enhancer and the β -actin promoter. The overall construct was CAGGS/mTREM-1-hFc/rabbit β -globulin poly A. The soluble mTREM-1-hFc protein
10 level in the blood plasma of transgenic mice was about 1-2 mg/ml. TREM-1 transgenic male mice (n=7) and wildtype male mice (n=7) were injected with 150 μ l of K/BxN serum intraperitoneally (ip) on day 0 and day 2. Ankle diameter was measured periodically until day 14.

[0139] FIGURE 15 shows the average ankle thickening of C57BL/6-TREM-1
15 transgenic mice compared to wildtype controls. As shown in FIGURE 15, TREM-1 transgenic mice developed a similar phenotype as wildtype mice until day 6. Starting at day 7, ankle swelling subsided in TREM-1 transgenic mice while swelling continued in wildtype controls. Subsequently, a significant reduction in ankle swelling was observed from days 9-14 ($p < 0.05$) in TREM-1 transgenic mice compared to wildtype controls.
20 Moreover, peak swelling in TREM-1 transgenic mice was about half the peak swelling observed in the wildtype controls. By day 14, ankle swelling in TREM-1 transgenic mice was about a quarter of the amount of swelling observed in wildtype controls (FIGURE 16). Thus, soluble TREM-1 is effective at significantly reducing the amount of inflammation associated with inflammatory arthritis, demonstrating that the use of
25 TREM-1 antagonists, for example, TREM-1 fusion proteins and/or anti-TREM-1 antibodies, to modulate, reduce and/or inhibit TREM-1 and/or TREM-1 signaling is an effective method for treating inflammatory disorders, including, for example, RA.

[0140] Transcriptional and translational regulatory sequences used for generating fusion proteins of the invention may include, but are not limited to, promoter sequences,

ribosomal binding sites, transcriptional start and stop sequences, translational start and stop sequences, and enhancer or activator sequences. In one embodiment, the regulatory sequences include a promoter and transcriptional start and stop sequences.

[0141] Promoter sequences may encode constitutive or inducible promoters. The
5 promoters may be either naturally occurring promoters or hybrid promoters. Hybrid promoters, which combine elements of more than one promoter, are also known in the art, and may be used in the present invention.

[0142] Additional experimental animals can be generated by backcrossing a
mTREM-1-hFc heterozygous mouse to a wildtype mouse, and wildtype offspring can
10 serve as in-litter controls. Experimental animals can be tested in various animal models of inflammatory disease known in the art, such as, for example, LPS, and CIA, to determine if various mTREM-1-hFc constructs are protective of inflammatory disease. The mTREM-1-hFc construct can be constitutively expressed, or expression of the mTREM-1-hFc construct can be induced prior to, concurrently with, and/or at one or
15 more time points after challenge with LPS and CIA. Transgenic mice expressing a soluble form of the TREM-1 receptor can also be generated to screen for putative inhibitors of inflammatory disease.

[0143] In a lipopolysaccharide (LPS) model of endotoxic shock, experimental animals are injected with LPS to determine the effectiveness of the mTREM-1-hFc
20 construct in reducing the inflammatory response to LPS-induced shock. Further, experimental animals can be tested in a CIA model, such as in Example 2, to determine the effectiveness of the mTREM-1-hFc construct in reducing the inflammatory response to CIA.

[0144] Based on the association of TREM-1 and DAP12/TyrosBP with RA, the
25 mTREM-1-hFc construct is expected to be protective of LPS and CIA challenges in mice. Likewise, administration of a suitable TREM-1 construct and/or a suitable TREM-1 protein to a human subject afflicted with an inflammatory disease, such as RA, can reduce the severity of the inflammatory disease.

Example 11: Anti-hTREM-1 antibodies

[0145] Anti-hTREM-1 antibodies are screened for the ability to inhibit production of pro-inflammatory cytokines in human RA synovium culture assays. RA and asthma models, such as in Example 9 and Example 12, have been used successfully as models of inflammatory disease to develop therapeutic antibodies which neutralize one or more aspects of the inflammatory response. Based, in part, upon the association of TREM-1 with inflammatory diseases, such as RA and asthma, anti-hTREM-1 antibodies are expected to inhibit production of pro-inflammatory cytokines in RA synovium culture assays and asthma models. Likewise, administration of suitable antibodies to a human subject afflicted with an inflammatory disease, such as RA or asthma, should reduce the severity of the inflammatory disease and/or lessen the symptoms of the disease.

Example 12: TREM-1 and challenge with anti-IgE antibodies

[0146] Mast cells and IgE are well established players in allergic reactions, for example, acute respiratory disorders such as asthma or anaphylaxis, since crosslinkage of IgE on the surface of mast cells will induce signaling events that lead to mast cell activation and degranulation. This signaling cascade and the downstream consequences of mast cell activation and degranulation can be investigated in vivo in the mouse using a passive cutaneous anaphylaxis (PCA) model in which rat anti-mouse IgE is injected intradermally (id) into the ear. Anti-IgE antibody will bind and crosslink the IgE that is bound to the FcεRI receptors on the surface of mast cells to induce mast cell activation and degranulation. The ensuing inflammatory/edematous reaction results in a measurable swelling within the ear that can be calculated using an engineer's micrometer. Inagaki *et al.*, "Mouse ear PCA as a model for evaluating antianaphylactic agents," Int Arch Allergy Appl Immunol., 74(1):91-2 (1984).

Anti-IgE challenge in transgenic TREM-1 mice

[0147] Transgenic TREM-1 mice and wildtype mice were challenged with anti-IgE antibodies using the ear swelling model. Transgenic mice were produced as in Example

10. The transgenic mouse strain used in this experiment contained a blood plasma level of mTREM-1-hFc protein of about 200 µg/ml. While under isofluorane anesthesia, ears of TREM-1 wildtype mice and transgenic heterozygous mTREM-1-hFc mice were measured for ear thickness. Anti-mouse IgE was diluted to 10 ng/20 µl in 0.9% saline.

- 5 Transgenic and wildtype mice were challenged with anti-IgE antibody (BD PharMingen, San Diego, CA; catalog 553413) at time 0 in the left ear, while a separate group of transgenic and wildtype mice were challenged with endotoxin free 0.9% normal saline vehicle, as indicated in Table 2. Ear measurements were taken at +1 hour, +2 hours, +4 hours, and +6 hours following challenge.

10

Table 2: Anti-IgE antibody injections.

<i>WT females</i> Anti-IgE, 10 ng/20 µl id left ear	N=3
<i>WT females</i> vehicle, 20 µl id left ear	N=3
<i>WT males</i> Anti-IgE, 10 ng/20 µl id left ear	N=4
<i>WT males</i> vehicle, 20 µl id left ear	N=3
<i>mTREM-1-hFC heterozygous +/- females</i> Anti-IgE, 10 ng/20 µl id left ear	N=4
<i>mTREM-1-hFC heterozygous +/- females</i> vehicle, 20 µl id left ear	N=3
<i>mTREM-1-hFC heterozygous +/- males</i> Anti-IgE, 10 ng/20 µl id left ear	N=3

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[0148] As shown in FIGURE 17, reduced ear swelling was observed in TREM-1 transgenic mice as compared to wildtype controls. TREM-1 may therefore play a role in the allergic response in vivo since C57BL/6 mice overexpressing a mTREM-1-hFc chimeric protein have reduced cutaneous ear swelling. Thus, soluble TREM-1 is effective at reducing the inflammation associated with anti-IgE challenge. For example, soluble TREM-1 is expected to be effective at modulating asthma, anaphylaxis, acute

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and chronic urticaria (hives), angioedema, allergic rhinitis, insect sting allergies, and atopy.

Anti-IgE challenge in wildtype mice pretreated with soluble TREM-1

[0149] Mice were pretreated with a soluble TREM-1 fusion protein to assess
5 whether administration of soluble TREM-1 is protective of inflammation in an ear
swelling model. The day prior to study, mice were either injected intraperitoneally with
0.9% saline, mTREM-1-mFc (500 ug/400 ul, 250 ug/400 ul, or 100 ug/400 ul) or anti-E.
tenella-IgG 2a (500 ug/400 ul), as indicated in Table 3. Anti-mouse IgE was diluted to
10 ng/20 ul in 0.9% saline. Recombinant mTREM-1-mFc was generated comprising
10 the extracellular domain of mouse TREM-1 and the Fc portion of a mutated mouse
IgG2a ("mTREM-1-mFc") (SEQ ID NO:27). The Fc region was mutated to reduce
complement and Fc receptor binding. mTREM-1-mFc and anti-E. tenella-IgG 2a
(Wyeth, Madison NJ) were diluted in PBS to the desired dose level. Prior to challenge,
ears of all the mice were measured to determine baseline ear thickness. Mice were
15 challenged with anti-IgE (10 ng/20 ul/ id) at time 0 in the left ear, while the right ear
was challenged with 0.9% normal saline (20 ul/ id). Ear measurements were taken at
+1 hour, +2 hour, +4 hour, and +5 hour following challenge.

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Table 3: Treatment schedule.

5	<i>C57BL/6 females</i> 500ug/400ul ip, mTREM-1-mFc (+17 hours pre-challenge) Anti-IgE, 10ng/20ul id left ear 0.9% normal saline, 20ul, id right ear	N=7
	<i>C57BL/6 females</i> 250ug/400ul ip, mTREM-1-mFc (+17 hours pre-challenge) Anti-IgE, 10ng/20ul id left ear 0.9% normal saline, 20ul, id right ear	N=7
	<i>C57BL/6 females</i> 100ug/400ul ip, mTREM-1-mFc (+17 hours pre-challenge) Anti-IgE, 10ng/20ul id left ear 0.9% normal saline, 20ul, id right ear	N=7
10	<i>C57BL/6 females</i> 500ug/400ul ip, IgG 2a (+17 hours pre-challenge) Anti-IgE, 10ng/20ul id left ear 0.9% normal saline, 20ul, id right ear	N=7
	<i>C57BL/6 females</i> PBS /400ul ip, (+17 hours pre-challenge) Anti-IgE, 10ng/20ul id left ear 0.9% normal saline, 20ul, id right ear	N=7

15

[0150] As shown in FIGURE 18, pretreatment of mice with soluble mTREM-1-

mFc protein reduced ear-swelling as compared to controls. Moreover, as shown in

FIGURE 19, the reduction in ear swelling is dose dependent. These data further

demonstrate that soluble TREM-1 reduces the inflammation associated with anti-IgE

20 challenge and that antagonists of TREM-1 and/or TREM-1 signaling, such as, for

example, soluble TREM-1 fusion proteins and/or anti-TREM-1 antibodies, can be

administered to a patient for treatment of inflammation associated with anti-IgE

challenge. For example, soluble TREM-1 and/or anti-TREM-1 antibodies, are expected

to be effective at modulating asthma, anaphylaxis, acute and chronic urticaria (hives),

25 angioedema, allergic rhinitis, insect sting allergies, and atopy.

Anti-IgE challenge in TREM-1 knockout mice

[0151] TREM-1 heterozygous (+/-) and homozygous (-/-) knockout mice were

generated to assess whether ear swelling is reduced in the absence of functional TREM-

1. Straight TREM-1 knockout mice were generated in which exon 1 and exon 2 of the

30 TREM-1 gene were replaced by a lox P-flanked dual promoter driven Neo resistance

gene, resulting in a reading frame shift in the TREM-1 gene. Gene targeting was conducted in C57BL/6 embryonic stem cells. TREM-1 knockout mice were bred with Protamine-Cre mice to generate Neo deleted TREM-1 knockout mice. On day 0, while under isofluorane anesthesia, ears of all of the mice were measured to determine baseline ear thickness. Mice were challenged with anti-IgE (10ng/20ul/ id) at time 0 in the left ear, while the right ear was challenged with 0.9% normal saline (20ul/ id), as indicated in Table 4. Anti-mouse IgE was diluted to 10 ng/20 ul in 0.9% saline. Ear measurements were taken at +1 hour following challenge.

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Table 4: Anti-IgE challenge in TREM-1 knockout mice

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<i>Wild Type</i> Anti-IgE, 10 ng/20 ul id left ear 0.9% normal saline, 20 ul, id right ear 5 males and 3 females	N=8
<i>TREM-1 Heterozygous Knockout</i> Anti-IgE, 10 ng/20 ul id left ear 0.9% normal saline, 20 ul, id right ear 5 males and 4 females	N=9
<i>TREM-1 Homozygous Knockout</i> Anti-IgE, 10 ng/20 ul id left ear 0.9% normal saline, 20 ul, id right ear 2 males and 4 females	N=6

[0152] As shown in FIGURE 20, mice that are heterozygous (+/-) for the TREM-1 gene and TREM-1 homozygous (-/-) knockout mice have a reduced ear swelling response following intradermal challenge with anti-IgE compared with wildtype (+/+) counterparts. This further demonstrates that TREM-1 is involved in the inflammatory response, and that TREM-1 is a therapeutic target for IgE-mediated inflammatory diseases/disorders, such as, for example, asthma, anaphylaxis, acute and chronic urticaria (hives), angioedema, allergic rhinitis, insect sting allergies, and atopy. Thus,

antagonizing and/or inhibiting TREM-1 and/or TREM-1 signaling is effective at significantly reducing the amount of inflammation associated with IgE-mediated inflammatory diseases/disorders, demonstrating that the use of TREM-1 antagonists, for example, TREM-1 fusion proteins and/or anti-TREM-1 antibodies, to modulate, reduce
5 and/or inhibit TREM-1 and/or TREM-1 signaling, is an effective method for treating IgE-mediated inflammatory diseases/disorders.

Example 13: shRNA and siRNA knockdown of TREM-1

[0153] To demonstrate the utility of interfering RNA-based treatments for
10 inflammatory disease, TREM-1 expression in THP-1 monocytes was measured after shRNA and siRNA knockdown. Briefly, various human TREM-1 and mouse TREM-1 shRNA sequences were generated and individually tested for the ability to reduce TREM-1 expression. Representative shRNA sequences are shown in Table 5. shRNAs were expressed in THP-1 monocytes by lentivirus transduction. Human TREM-1
15 siRNAs are commercially available from Dharmacon (Lafayette, CO), and were introduced into THP-1 monocytes by nucleofection. Representative siRNA sequences are shown in Table 6. After knockdown, TREM-1 expression was measured by TaqMan® RT-PCR at 72 hours post-transduction (in the case of shRNA) or 48 hours post-nucleofection (in the case of siRNA).

20 [0154] FIGURE 21 is a bar graph showing TREM-1 expression by RT-PCR after shRNA or siRNA knockdown. As shown in FIGURE 21, sh247, sh533, sh382, and pooled TREM-1 siRNAs effectively knocked-down endogenous TREM-1 expression in THP-1 monocytes as compared to vGFP and scramble siRNA controls. Thus, shRNA and siRNA knockdown are an effective means for reducing TREM-1 expression and
25 can therefore be used in treating inflammatory disease.

[0155] To demonstrate that RNA-based treatments can effectively knock-down TREM-1 over-expression, TREM-1 was over-expressed in CHO cells prior to lentivirus shRNA knockdown. In one experiment, a human TREM-1-FLAG fusion protein was stably over-expressed in a CHO cell line. In another experiment, a mouse TREM-1-
30 FLAG fusion protein was stably over-expressed in a CHO cell line. Subsequent to

TREM-1-FLAG over-expression, shRNAs were expressed in each CHO cell line using a lentivirus. Various human and mouse TREM-1 shRNA sequences were generated and individually tested for the ability to reduce TREM-1 over-expression. Representative shRNA sequences are shown in Table 5. After exposure lentiviral shRNA, TREM-1

5 expression levels were assayed by Western blot using anti-FLAG antibodies as a probe.

[0156] FIGURES 22A-B show representative Western blots depicting TREM-1 expression after lentiviral shRNA knockdown of TREM-1 in TREM-1 over-expressing cell lines. As shown in FIGURE 22A, sh114, sh247, sh247, sh280, sh315, sh360,

sh450, and sh533 effectively knocked-down human TREM-1-FLAG over-expression as compared to controls, while sh382 and sh600 were ineffective at knocking-down human TREM-1-FLAG over-expression. As shown in FIGURE 22B, sh75, sh284, and sh414 effectively knocked-down mouse TREM-1-FLAG over-expression as compared to controls, while sh591 was ineffective at knocking-down mouse TREM-1-FLAG over-expression. Thus, shRNA knockdown is an effective means for reducing TREM-1

15 over-expression and therefore treating TREM-1 associated inflammatory disease.

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25

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Table 5. Lentiviral shRNA sequences. The sequence structure is sense-loop-antisense.

shRNA	Sequence	SEQ ID NO:
hTREM-1 sh114	GTGAAATGTGACTACACGCTTCAAGAGAGCGTGTAGTCAC ATTTCAC	9
hTREM-1 sh155	GAAAGCTTGGCAGATAATATTCAAGAGATATTATCTGCCA AGCTTTC	10
hTREM-1 sh247	GGAGGATCATACTAGAAGATTCAAGAGATCTTCTAGTATG ATCCTCC	11
hTREM-1 sh280	GTTTACTGCGCGTCCGAATTCAAGAGAATTCGACGCGCA GTAAAC	12
hTREM-1 sh315	GAAGATTCTGGACTGTATCTTCAAGAGAGATACAGTCCAG AATCTTC	13
hTREM-1 sh360	GAGCCTCACATGCTGTTCTGTTCAAGAGACGAACAGCATGT GAGGCTC	14
hTREM-1 sh382	GCATCCGCTTGGTGGTGACTTCAAGAGAGTCACCACCAAG CGGATGC	15
hTREM-1 sh450	GTGTATAAGATTCCCTCTATTCAAGAGATAGGAGGAATCTT ATACAC	16
hTREM-1 sh533	GTCAACTGCCGATGTCTCCTTCAAGAGAGGAGACATCGGC AGTTGAC	17
hTREM-1 sh600	GTTCCGGTGTTC AACATTGTTCAAGAGACAATGTTGAACAC CGGAAC	18
mTREM-1 sh75	GAAGAAAGGTATGACCTAGTTCAAGAGACTAGGTCATACC TTTCTTC	19
mTREM-1 sh284	GCTACAAGTTCAAATGACTTTCAAGAGAAGTCATTTGAACT TGTAGC	20
mTREM-1 sh414	GATGTGTTCACTCCTGTCATTCAAGAGATGACAGGAGTGAA CACATC	21
mTREM-1 sh591	GTCTCCACATCCAGTGTTATTCAAGAGATAACACTGGATGT GGAGAC	22

Table 6. Dharmacon® human TREM-1 siRNA sequences.

siRNA	Sequence	SEQ ID NO:
siRNA153	CCAGAAAGCUUGGCAGAUAAUAA	23
siRNA206	GCACAGAGAGGCCUUCAAAUU	24
siRNA49	GAACUCCGAGCUGCAACUAUU	25
siRNA251	GGAUCAUACUAGAAGACUAUU	26

Incorporation by Reference

[0157] All publications and patent documents cited in this application are
5 incorporated by reference in their entirety for all purposes to the same extent as if the
contents of each individual publication or patent document was incorporated herein.

[0158] What is claimed is:

1. A method of treating inflammatory disease in a subject, the method comprising the step of reducing TREM-1-mediated signal transduction.
2. The method of claim 1, wherein the inflammatory disease is mediated by IgE.
3. The method of claim 1, wherein the inflammatory disease is a respiratory
5 disease.
4. The method of claim 1, wherein the disease is asthma.
5. The method of claim 1 wherein the inflammatory disease is rheumatoid arthritis.
6. The method of claim 1, wherein the reducing step comprises reducing TREM-1 expression.
- 10 7. The method of claim 6, wherein the reducing step comprises administering an interfering RNA to the subject.
8. The method of claim 7, wherein the interfering RNA is an shRNA.
9. The method of claim 8, wherein the shRNA comprises an RNA encoded by any of SEQ ID NOs:9-18.
- 15 10. The method of claim 7, wherein the interfering RNA is an siRNA.
11. The method of claim 10, wherein the siRNA comprises any of SEQ ID NOs:23-26.
12. The method of claim 1, wherein the reducing step comprises inhibiting TREM-1 activation.
- 20 13. The method of claim 12, wherein TREM-1 activation is inhibited by administering a compound selected from the group consisting of a small molecule, a peptide mimetic, a peptide inhibitor, a ligand fusion protein, an antibody or fragment thereof that specifically binds TREM-1, an antibody or fragment thereof that specifically binds TREM-1 ligand, a soluble TREM-1
25 receptor, a soluble TREM-1 receptor fusion protein, and combinations thereof.

14. The method of claim 1, wherein the reducing step comprises directly inhibiting expression or activity of a non-TREM-1 protein involved in TREM-1-mediated signal transduction.
15. The method of claim 14, wherein the non-TREM-1 protein is DAP12/TyroBP.
- 5 16. The method of claim 1, wherein the reducing step comprises inducing an immune response to endogenous TREM-1 or DAP12/TyroBP protein in the subject.
17. The method of claim 16, wherein the reducing step comprises administering to the subject an immunogenic composition comprising an adjuvant and TREM-1 or DAP12/TyroBP protein or an immunogenic fragment thereof.
- 10 18. An antibody or fragment thereof that specifically binds TREM-1.
19. The antibody or fragment thereof of claim 18 wherein the antibody or fragment thereof is monoclonal.
20. The antibody or fragment thereof of claim 18, wherein the antibody or fragment thereof is a single domain antibody
- 15 21. A method of treating a subject, the method comprising the step of administering to the subject a therapeutically effective quantity of the antibody or fragment thereof of claim 19.
22. An shRNA comprising an RNA encoded by any of SEQ ID NOs:9-22.
- 20 23. A method of treating inflammatory disease in a subject in need thereof, the method comprising the step of reducing TREM-1-mediated signal transduction by administering a compound selected from the group consisting of a small molecule, a peptide mimetic, a peptide inhibitor, a ligand fusion protein, an antibody or fragment thereof that specifically binds TREM-1, an antibody or fragment thereof that specifically binds TREM-1 ligand, a soluble TREM-1
- 25 24. A method of treating inflammatory disease in a subject in need thereof, the method comprising the step of reducing TREM-1-mediated signal transduction by administering a compound selected from the group consisting of a small molecule, a peptide mimetic, a peptide inhibitor, a ligand fusion protein, an antibody or fragment thereof that specifically binds TREM-1, an antibody or fragment thereof that specifically binds TREM-1 ligand, a soluble TREM-1 receptor, a soluble TREM-1 receptor fusion protein, and combinations thereof.

24. A method for assessing the efficacy of a TREM-1-modulating agent administered to a patient in need thereof, the method comprising detecting secreted phosphoprotein 1 (SPP1) levels in the patient or in a sample from the patient.
- 5 25. The method of claim 24, wherein the SPP1 levels are detected in a body fluid sample from the patient.
26. The method of claim 24, further comprising the step of comparing SPP1 levels to a reference, wherein an increase in SPP1 levels as compared to the reference is indicative of an increase in TREM-1 activity, and wherein a decrease SPP1
10 levels as compared to the reference is indicative of a decrease in TREM-1 activity.
27. The method of claim 26, wherein the reference corresponds to SPP1 levels detected in the patient or in a sample from the patient at a time prior to administration of the TREM-1-modulating agent.
- 15 28. A method of screening for candidate agents capable of modulating TREM-1 signaling, the method comprising the steps of:
contacting a TREM-1-expressing cell with a candidate agent; and
assessing secreted phosphoprotein 1 (SPP1) levels of the TREM-1-expressing cell to determine whether the candidate agent modulates TREM-1 activation.
- 20 29. A method of monitoring a patient treated for chronic inflammation, the method comprising the steps of:
administering a TREM-1 modulating agent to a patient in need thereof;
detecting secreted phosphoprotein 1 (SPP1) levels in the patient or in a sample
from the patient; and
25 comparing the detected SPP1 levels with a reference, thereby monitoring the patient.

30. The method of claim 29, wherein the SPP1 levels are detected in a body fluid sample from the patient.
31. The method of claim 29, wherein a reduction in SPP1 levels as compared to the reference is indicative of a reduction in TREM-1 mediated inflammation.
- 5 32. The method of claim 29, wherein no change in SPP1 levels as compared to the reference is indicative of no change in TREM-1 mediated inflammation.
33. The method of claim 29, wherein an increase in SPP1 levels as compared to the reference is indicative of an increase in TREM-1 mediated inflammation.
34. The method of claim 29, wherein the reference corresponds to SPP1 levels
10 detected in the patient or in a sample from the patient at a time prior to or concurrent with administration of the TREM-1-modulating agent.
35. The method of claim 29, wherein the reference corresponds to SPP1 levels in a control subject known not to have chronic inflammation.
36. A method of detecting the presence of inflammatory disease in a subject, the
15 method comprising the step of:
detecting TREM-1 or DAP12/TyroBP expression or activity in the subject or a sample obtained therefrom, wherein increased expression or activity is indicative of the inflammatory disease.
37. A method of monitoring inflammatory disease in a subject, the method
20 comprising the steps of:
(a) detecting TREM-1 or DAP12/TyroBP expression or activity in the subject at a first time or in a first sample obtained therefrom;
(b) detecting TREM-1 or DAP12/TyroBP expression or activity in the subject at a second, later time or in a second, later sample obtained therefrom; and
25 (c) comparing the expression or activity of (a) and (b), wherein a change in expression or activity is indicative of a change in disease status.

38. The method of claim 37, wherein the inflammatory disease is rheumatoid arthritis.
39. A method of evaluating a treatment for inflammatory disease in a subject, the method comprising the steps of:
- 5 (a) detecting TREM-1 or DAP12/TyroBP expression or activity in the subject at a first time or in a first sample obtained therefrom;
- (b) detecting TREM-1 or DAP12/TyroBP expression or activity in the subject at a second, later time or in a second, later sample obtained therefrom;
- (c) administering a treatment prior to the second, later time or the second, 10 later sample; and
- (d) comparing the expression or activity of (a) and (b), wherein a change in expression or activity is indicative of a change in disease status.
40. The method of claim 39, wherein the treatment is administered after the first time or first sample.
- 15 41. The method of claim 39, further comprising modifying a course of treatment for the subject based on the outcome of the comparison.

Figure 1

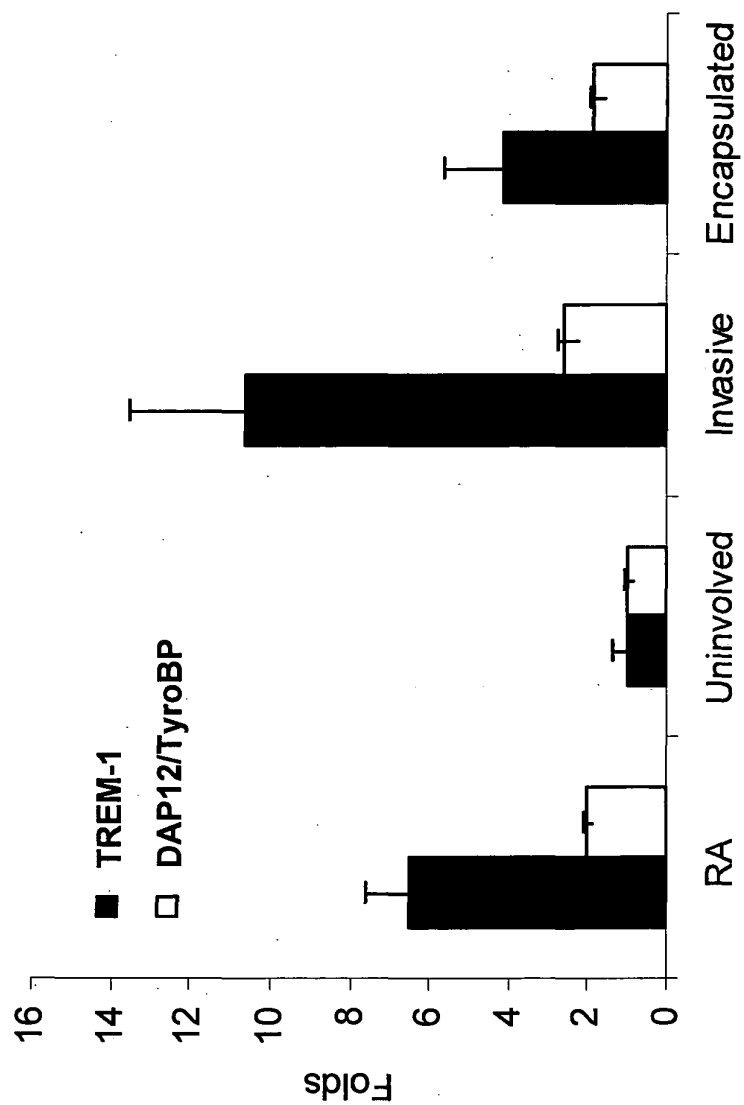


Figure 2

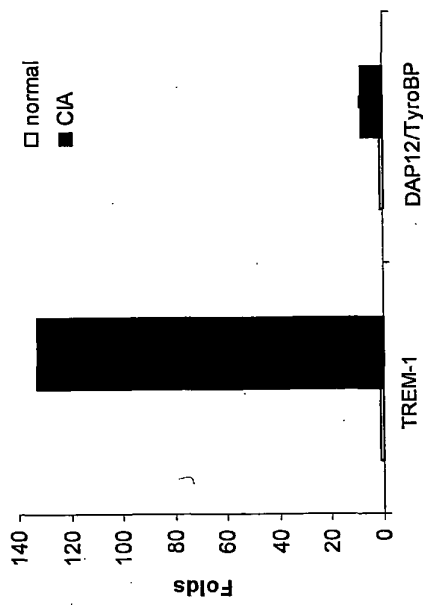


Figure 3A



Figure 3B



Figure 4

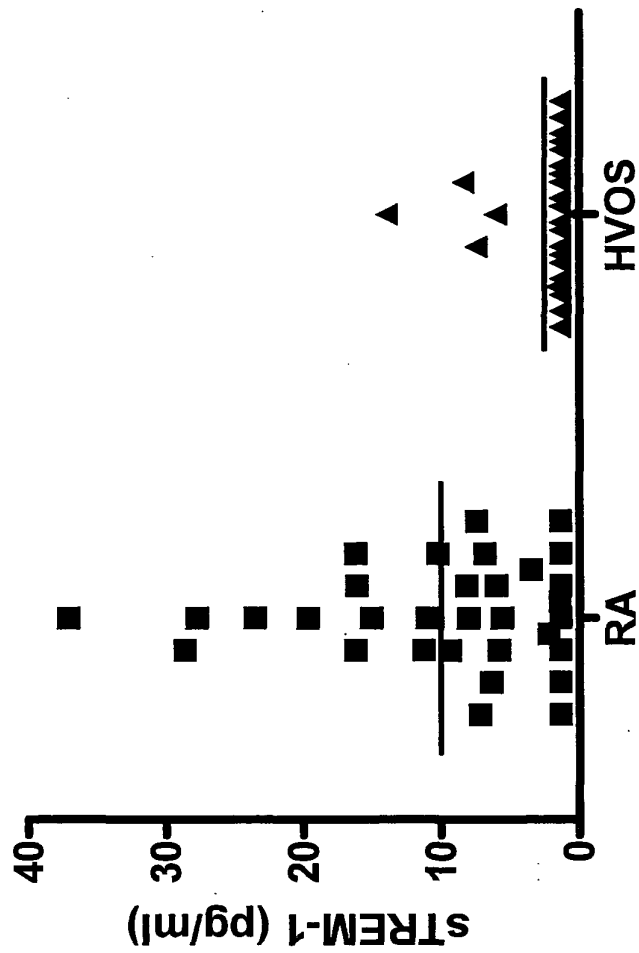
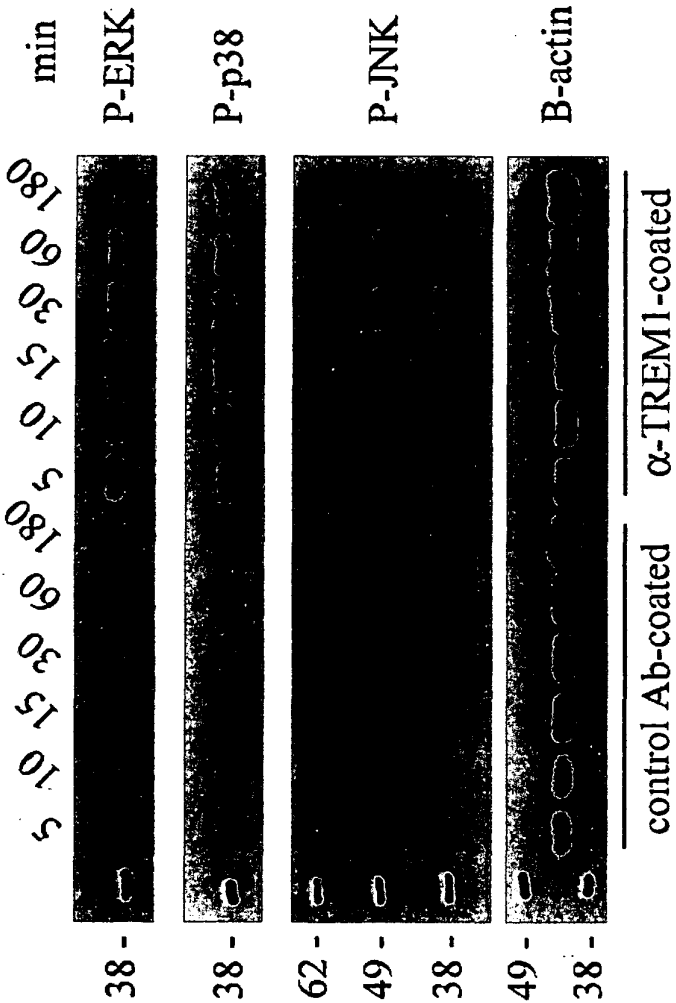
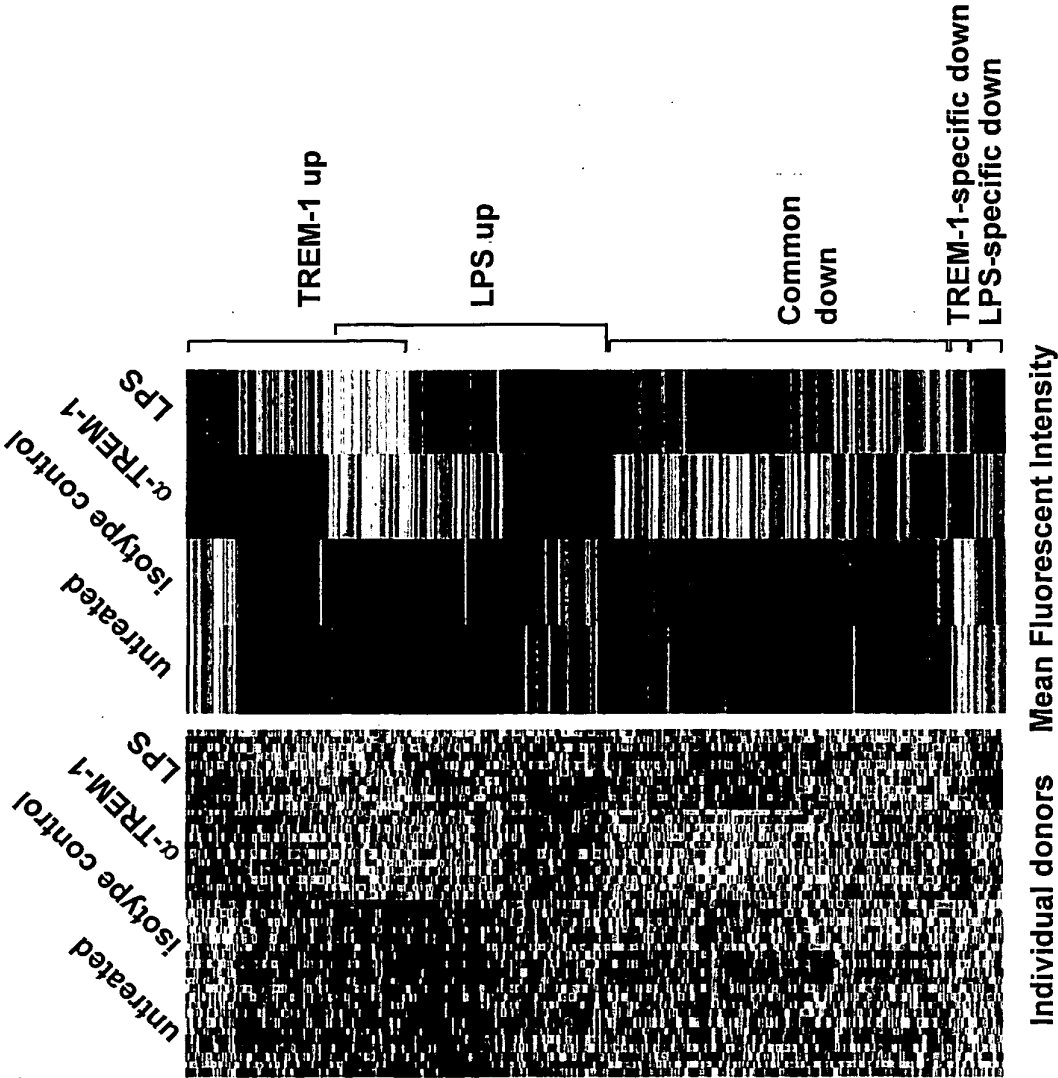


Figure 5





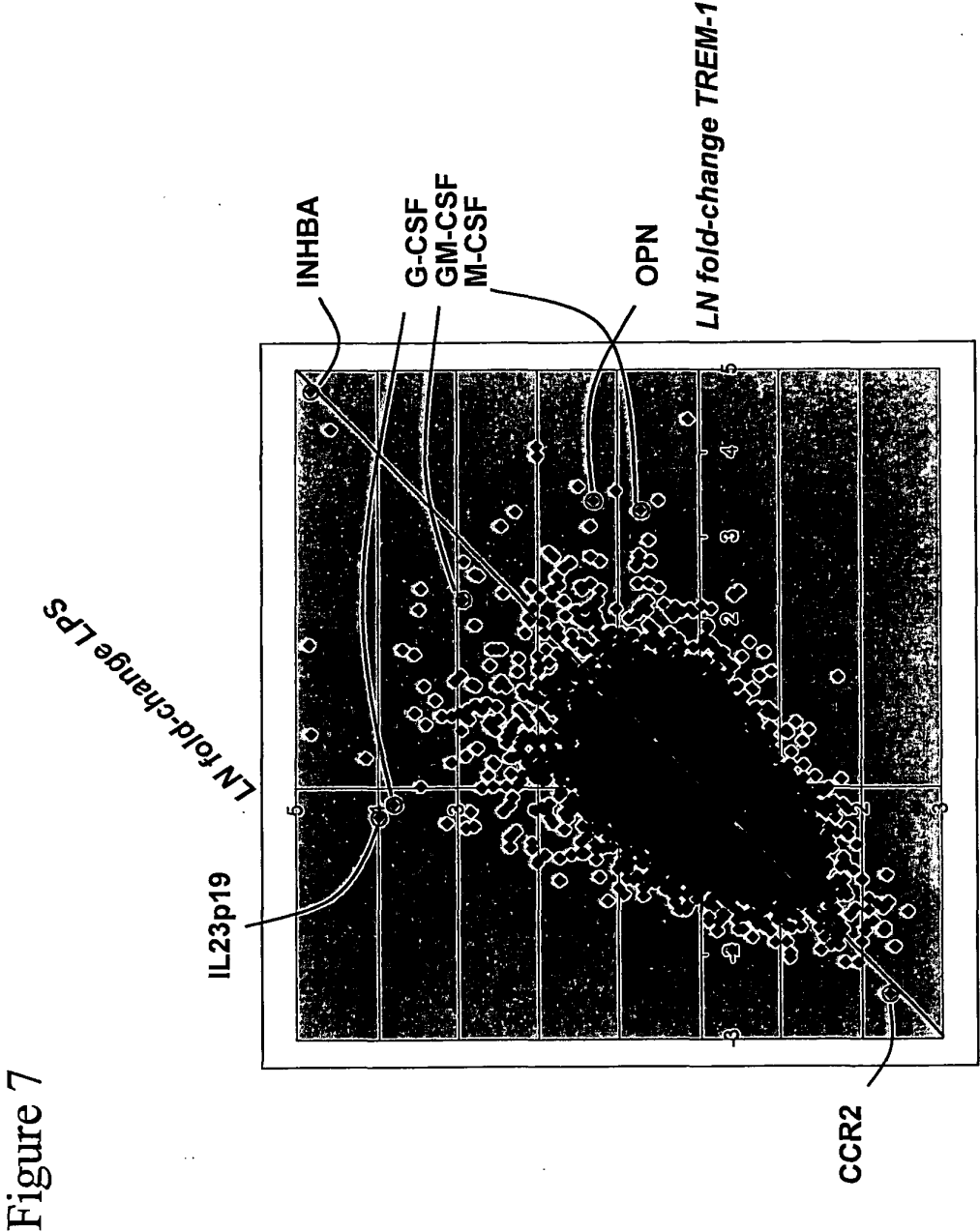


Figure 8A

Gene	Description	Fold-induction			
		TREM	LPS	dual	ratio*
SPRY2	sprouty 2; RTK and MAPK modulator	78.4	1.1	51.0	73.0
MT1K	metallothionein 1K	20.7	1.7	11.6	18.7
TNFSF14	TNF ligand superfamily, 14 (LIGHT)	8.9	-1.6	7.8	17.1
CRTAM	class-I MHC-restricted T cell associated molecule	9.5	-1.5	4.4	15.4
LRFN4	LRR and fibronectin type III domain containing, 4	4.7	-2.3	2.3	11.6
EDG3	sphingolipid GPCR, 3 (S1P3)	7.2	-1.9	4.6	10.8
CSF1	colony stimulating factor 1 (M-CSF)	22.0	1.8	26.2	10.4
HTRA4	HtrA serine protease 4	5.7	-2.5	3.4	10.1
LY9	Lymphocyte antigen 9 (CD229, SLAMF3)	7.7	-1.2	3.0	10.1
SPP1	secreted phosphoprotein 1 (OPN)	28.0	3.7	27.2	8.3
HSD3B7	OH- δ -5-steroid dehydrogenase, 3 β - and δ -isomerase 7	5.3	-1.1	2.2	7.6
PPARG	peroxisome proliferative activated receptor, γ	7.8	1.6	5.8	6.7
SGNE1	secretory granule, neuroendocrine protein 1 (SCG5)	13.2	1.2	8.0	6.6
GIPR	gastric inhibitory polypeptide receptor	6.4	-1.1	4.4	6.5
MT1E	metallothionein 1E	4.5	-1.2	3.3	6.5
RNUT1	U snRNA transporter (SNUPN)	5.6	-1.4	4.3	6.3
LPL	lipoprotein lipase	10.9	1.9	7.5	6.2
DUSP14	dual specificity phosphatase 14	4.9	-1.1	2.3	6.0
MMP19	matrix metalloproteinase 19	10.1	2.1	9.7	5.4
SPINK1	serine protease inhibitor, Kazal type 1	12.5	2.1	12.6	5.4
MOAP1	modulator of apoptosis 1	4.5	-1.1	4.3	5.1
MT1F	metallothionein 1F	4.3	1.1	3.3	5.0
EGR2	early growth response 2; C2H2 Zn ²⁺ -finger protein	13.2	1.9	10.6	4.9
GREM1	gremlin 1 (BMP antagonist)	9.2	1.9	5.8	4.8
RAMP	RA-regulated nuclear matrix-associated protein (DTL)	7.1	-1.1	6.4	4.7
TM7SF4	DC-specific transmembrane protein (DCSTAMP)	8.7	1.4	7.9	4.5
ASPH	aspartate β -hydroxylase; Ca ²⁺ homeostasis	8.7	3.4	7.2	4.4
WBP5	WW domain binding protein 5	4.5	-1.0	3.6	4.4
RIS1	Ras-induced senescence 1	5.8	1.4	2.7	4.4
PPAP2B	phosphatidic acid phosphatase, 2B	5.0	1.2	3.5	4.4
PLCXD1	PI-specific PLC, X domain containing 1	5.3	1.7	3.7	3.8
NPC1	putative membrane protein (cholesterol trafficking)	4.8	1.7	4.4	3.5
FABP3	fatty acid binding protein 3	5.1	1.8	5.3	3.2
ACSL3	acyl-CoA synthetase long-chain, 3	4.2	1.4	3.2	3.1
SLCO4A1	solute carrier organic anion transporter family, 4A1	5.9	1.6	7.1	3.1
ATF3	activating transcription factor 3	4.9	1.2	3.9	3.1
RGS13	regulator of G-protein signalling 13	4.5	1.5	3.9	3.1
FNDC3	Fibronectin type III domain containing 3	5.1	1.2	4.0	3.0
NRIP3	Nuclear receptor interacting protein 3	4.0	1.6	3.5	3.0
THBD	thrombomodulin	4.6	1.4	3.3	2.9
CCL7	chemokine (MCP-3)	5.1	2.3	3.3	2.7
TBC1D7	TBC1 domain family, member 7	4.2	1.9	3.9	2.6
DUSP4	dual specificity phosphatase 4	14.0	3.6	8.5	2.6
SNAPC1	snRNA activating complex, polypeptide 1, 43kDa	5.5	2.1	5.8	2.6
RHOBTB3	Rho-related BTB domain containing 3	5.6	1.8	7.3	2.6
IL1F5	interleukin 1 family, 5 (δ)	6.4	2.2	9.4	2.4
EIF2AK3	eukaryotic translation initiation factor 2- α kinase 3	4.1	1.9	4.1	2.4
DSCR1	Down syndrome critical region, 1; calcineurin inhibitor	5.4	2.2	7.4	2.3
HBEGF	heparin-binding EGF-like growth factor	6.7	2.1	7.6	2.2
CKS2	CDC28 protein kinase regulatory subunit 2	5.4	2.7	6.1	2.2
NT5E	5'-nucleotidase, ecto (CD73)	5.1	2.4	4.0	2.2
LIF	leukemia inhibitory factor; cytokine	7.1	1.7	23.9	2.1
RRAD	Ras-related associated with diabetes	7.2	3.5	10.5	2.1
GCLM	glutamate-cysteine ligase, modifier subunit	6.3	3.4	6.9	2.1
RGS16	regulator of G-protein signalling 16	4.5	1.8	5.8	2.0

* TREM/LPS ratio from direct pairwise comparison

Figure 8B

Gene	Description	Fold-induction			
		LPS	TREM	dual	ratio*
IL23A	interleukin 23, α subunit (IL-23p19)	54.4	1.1	18.4	76.4
TNIP3	TNFAIP3 interacting protein 3	124.2	1.2	14.3	64.7
CSF3	colony stimulating factor 3 (G-CSF)	45.2	1.3	36.4	54.4
IL12B	interleukin 12, β subunit (IL-12p40)	31.8	-1.1	4.0	31.1
EBI3	Epstein-Barr virus induced gene 3 (IL-27, β subunit)	10.5	-1.9	2.8	20.9
CCL23	chemokine (MIP-3)	5.6	-2.0	1.5	18.8
PTTG1IP	Pituitary tumor-transforming 1 interacting protein	6.0	-1.6	2.9	15.2
TIFA	TRAF-interacting with a forkhead-associated domain	6.7	-2.3	2.7	14.8
IL1F9	interleukin 1 family, 9 (s)	34.3	2.7	23.5	13.9
KCNJ2	K ⁺ inwardly-rectifying channel, J2	5.7	-2.3	1.8	13.0
BF	B-factor, complement factor B (CFB)	13.0	1.2	4.7	12.6
GBP3	guanylate binding protein 3	4.9	-2.2	2.3	10.7
CIAS1	cold autoinflammatory syndrome 1 (NLRP3/cryopyrin)	7.8	-1.2	5.1	9.8
CDC2	cell division cycle 2, G1 to S and G2 to M	12.8	1.8	6.5	9.4
TPST	trans-prenyltransferase (PDSS1)	9.5	-1.0	5.7	9.2
CXCL1	chemokine (GRO- α)	21.7	2.6	9.2	9.1
TSLP	thymic stromal lymphopoietin (cytokine)	30.8	3.6	37.6	9.1
NFKBIZ	NF- κ B gene enhancer in B-cells inhibitor, ζ	4.4	-1.8	3.4	8.2
POCD1LG1	Programmed cell death 1 ligand 1 (B7-H1)	17.6	2.0	6.6	7.7
ZBTB10	Zn ²⁺ -finger and BTB domain containing 10	6.4	-1.1	4.1	7.8
LAMP3	lysosomal-associated membrane protein 3 (DC-LAMP)	10.5	1.1	3.8	7.2
MCOLN2	mucoilin 2; cation channel	5.1	-1.3	2.0	7.2
IL15RA	interleukin 15 receptor, α	4.2	-1.4	2.2	6.8
ICAM4	intercellular adhesion molecule 4	5.1	-1.7	2.4	6.5
HAS1	hyaluronan synthase 1	9.8	2.1	4.1	6.5
CCL5	chemokine (RANTES)	6.9	-1.0	2.9	6.4
GPR43	GPCR 43 (FFAR2)	4.8	-1.3	1.7	6.1
PMAIP1	PMA-induced protein 1; Bcl-2 family (NOXA)	16.1	2.9	11.3	6.0
SGPP2	Sphingosine-1-phosphate phosphatase 2	9.0	1.3	4.2	5.9
CCR4L	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	7.3	1.4	4.4	5.9
TPD52	tumor protein D52	8.7	3.0	14.8	5.6
PLEKHF2	pleckstrin homology domain containing, F2	4.8	-1.3	2.0	5.6
SYNPO2	Synaptopodin 2	8.7	-1.1	3.1	5.4
CASP5	caspase 5; apoptosis-related cysteine protease	4.8	-1.3	1.8	5.4
MAP3K8	mitogen-activated protein kinase kinase kinase 8 (TPL2)	8.0	1.3	3.4	5.4
HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	4.3	-1.3	2.0	5.3
IL10	interleukin 10	12.1	1.5	7.2	5.3
EZH2	enhancer of zeste (polycomb group) homolog	4.2	-1.7	1.8	5.2
MAP3K4	mitogen-activated protein kinase kinase kinase 4	8.9	1.5	6.1	5.2
IL1A	interleukin 1, α	10.3	2.1	9.8	5.1
GJB2	gap junction protein, β 2, 28kDa (connexin 26)	14.0	2.9	12.7	5.1
BIRC3	baculoviral IAP repeat-containing 3 (CIAP2)	4.2	-1.3	2.2	5.1
TRGV9	TCR γ alternate reading frame protein	6.2	-1.0	1.8	4.8
SLAMF1	signaling lymphocytic activation molecule family, 1	5.7	1.2	6.3	4.7
PLA1A	phospholipase A1, A	8.5	1.6	4.7	4.7
GADD45A	growth arrest and DNA-damage-inducible, α	8.8	2.0	8.1	4.7
IL2RA	interleukin 2 receptor, α	5.9	1.3	3.1	4.3
IL18	interleukin 18	7.6	1.9	4.9	4.2
RIPK2	receptor-interacting serine-threonine kinase 2	4.9	1.1	3.2	4.0
ADAMDEC1	ADAM-like, decysin 1 (disintegrin metalloproteinase)	5.4	1.2	3.2	4.0
TBK1	TANK-binding kinase 1	4.9	1.2	4.1	4.0
RHOH	Ras homolog gene family, H	4.5	1.1	2.2	3.9
IL7R	interleukin 7 receptor	5.2	1.2	2.7	3.9
PTX3	pentaxin-related gene, induced by IL-1 β (TNFAIP5)	7.0	1.8	5.4	3.8
CLC	cardiophorin-like cytokine (lysophospholipase)	4.2	1.1	4.2	3.8
RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	5.5	1.4	4.2	3.8
ARL8	ADP-ribosylation factor-like 8 (Ras superfamily)	8.2	2.4	8.0	3.7
GBP1	guanylate binding protein 1, interferon-inducible, 67kDa	5.0	1.5	3.3	3.6
NDP	Norrie disease (pseudoglioma)	9.2	1.5	2.7	3.6
TRAF1	TNF receptor-associated factor 1	4.1	1.1	3.2	3.6
SAV1	salvador homolog (WW domain containing)	6.4	1.5	4.7	3.5
XTP2	HBxAg transactivated protein 2 (BAT2D1)	4.3	1.2	4.2	3.4
SOGS3	suppressor of cytokine signaling 3	4.3	1.3	2.8	3.4
G0S2	putative lymphocyte G0/G1 switch gene	8.1	2.1	5.4	3.4
TWISTNB	TWIST neighbor	4.9	1.4	2.8	3.3
SPG3A	Spastic paraplegia 3A GTPase; vesicle trafficking	11.0	2.5	8.1	3.3
CFLAR	CASP8 and FADD-like apoptosis regulator	4.7	1.4	4.0	3.3
DUSP2	dual specificity phosphatase 2	5.7	2.7	5.7	3.1
TEX14	testis expressed sequence 14	13.4	3.2	15.2	3.1
SIAH2	seven in absentia homolog; ubiquitin ligase	7.0	2.1	4.2	3.0
CCR7	chemokine (C-C motif) receptor 7	7.1	2.5	7.3	2.9
UPB1	ureidopropionase, ft; pyrimidine degradation	4.9	1.3	3.1	2.8
FJX1	four jointed box 1 (Drosophila)	4.1	1.1	1.8	2.7
MBNL1	muscleblind-like (Drosophila)	4.0	1.5	2.7	2.7
EREG	EGF family (epiregulin)	5.0	2.0	3.7	2.7
ID2	inhibitor of DNA binding 2; HLH containing	4.8	1.7	3.7	2.5
MGLL	monoglyceride lipase	5.4	1.8	4.1	2.5
DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	6.2	2.9	6.1	2.4
FLT1	Fms-related tyrosine kinase 1; VEGF/VEGFA receptor	9.4	3.4	7.1	2.3
HEY1	hair/enhancer-of-split related; bHLH containing	5.4	2.4	5.0	2.3
PIM3	pim-3 oncogene; serine/threonine kinase	4.5	2.1	4.7	2.2
TNFSF9	TNF ligand superfamily, member 9	4.9	1.7	2.5	2.1

*LPS/TREM ratio from direct pairwise comparison

Figure 9A

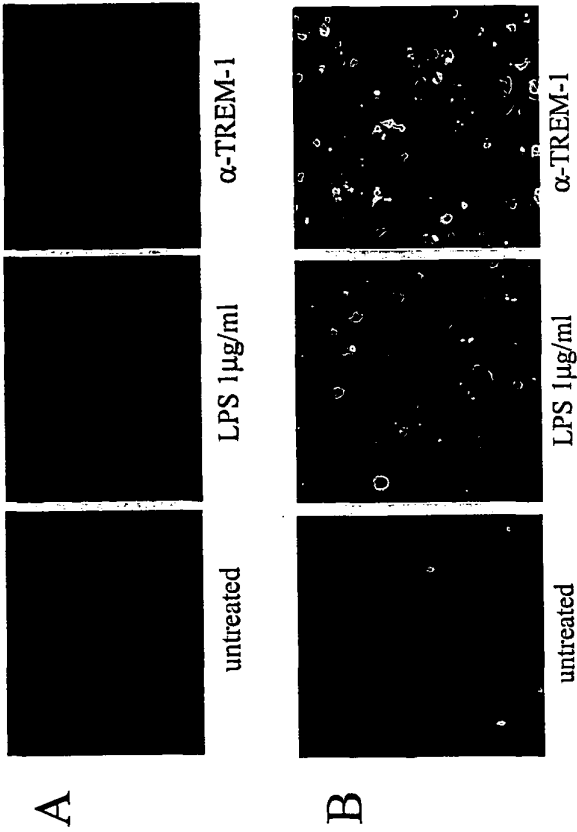
Gene	Description	Fold-induction		
		TREM	LPS	dual
INHBA	TGF- β family (inhibin β A)	96.7	97.0	219.7
TNFSF15	TNF ligand superfamily, 15 (VEGI/TL1A)	30.2	4.4	39.9
MMP1	matrix metalloproteinase 1 (interstitial collagenase)	29.1	7.3	64.9
GPCR5A	GPCR (orphan)	17.8	6.0	18.6
F3	coagulation factor III	13.3	32.5	77.7
DTNBP1	Dystrobrevin binding protein 1	13.0	9.7	14.5
MAD1L1	MAD1 mitotic arrest deficient-like 1 (yeast)	12.7	4.9	22.6
EDN1	endothelin 1	11.5	7.9	31.5
CXCL3	chemokine (GRO- γ)	11.2	31.7	30.9
GEM	Ras superfamily GTPase	10.9	5.3	17.0
TFPI2	tissue factor pathway inhibitor 2	10.3	15.5	42.0
HES4	bHLH transcription factor	10.0	5.2	13.4
CSF2	colony stimulating factor 2 (GM-CSF)	9.6	18.9	192.4
MMP10	matrix metalloproteinase 10 (stromelysin 2)	9.6	18.0	56.8
CXCL2	chemokine (GRO- β /MIP-2 α)	7.8	16.0	16.4
EGR1	early growth response 1; C2H2 Zn ²⁺ -finger protein	7.5	5.3	15.4
NR4A2	nuclear receptor subfamily 4, A2	6.6	2.4	8.1
ARRDC4	arrestin domain containing 4	6.5	3.3	6.1
PLD1	Phospholipase D1, PC-specific	6.4	12.2	28.3
ASNS	asparagine synthetase	6.3	5.6	7.9
HOMER1	Homer homolog 1 (<i>Drosophila</i>); Ca ²⁺ channel modulator	6.0	2.8	5.6
PLEKHC1	pleckstrin homology domain containing, C1	5.8	5.1	9.0
FOSL1	FOS-like antigen 1 (FOS family)	5.8	3.5	8.4
E2F7	E2F transcription factor 7	5.5	18.1	31.9
EGR3	early growth response 3 (C2H2 Zn ²⁺ -finger protein)	5.5	2.9	6.0
ELOVL7	ELOVL family, elongation of long chain fatty acids, 7	5.5	2.5	4.8
SLAMF7	signaling lymphocytic activation molecule family, 7	5.3	2.7	4.7
ABL2	v-abl Abelson MLV oncogene homolog 2	5.3	4.6	6.8
CCL20	chemokine (MIP-3 α)	5.1	11.6	10.3
CXCL5	chemokine (ENA-78)	5.1	5.1	8.9
CCL3	chemokine (MIP-1 α)	5.0	6.0	7.8
PALM2-AKAP2	PALM2-AKAP2 co-transcribed product	5.0	5.7	8.0
SYNJ2	Synaptojanin 2; PI phosphatase and Rac1 interactor	4.9	11.5	8.4
PTGS2	prostaglandin-endoperoxide synthase 2 (COX-2)	4.7	19.2	19.4
IL6	interleukin 6	4.6	125.5	74.7
ADORA2B	adenosine A2 β GPCR	4.6	3.5	5.2
PHLDA1	pleckstrin homology-like domain, A1	4.6	2.7	4.6
ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, β 1	4.5	4.1	4.1
NEDD4L	NEDD-4-like (ubiquitin ligase)	4.5	3.5	8.7
RGS1	regulator of G-protein signalling 1	4.3	2.1	4.5
MAFF	v-maf homolog F; bZIP protein	4.3	5.4	7.7
NME7	nucleoside diphosphate kinase	4.3	3.3	3.7
GLA	galactosidase, α	4.3	2.1	5.0
BRE	TNFR p55 modulator	4.3	16.7	10.6
OKL38	pregnancy-induced growth inhibitor (OSGIN1)	4.1	1.9	4.2
TNF	TNF- α	4.1	16.2	19.8
AREG	EGF family (amphiregulin)	4.1	7.2	6.5
ETS2	v-ets AEV E26 oncogene homolog 2 (avian)	3.7	5.9	8.5
ANKRD15	ankyrin repeat domain 15	3.6	7.1	7.2
ADRB2	β -2-adrenergic GPCR, surface	3.3	6.2	9.0
MCF2L2	MCF.2 cell line derived sequence; Rho family GEF	3.3	4.0	4.6
SFMBT2	Scm-like with four mbt domains 2	3.3	5.9	5.8
HES1	hairy and enhancer of split 1 homolog (bHLH)	3.2	4.7	4.2
SERPINB2	serine (or cysteine) proteinase inhibitor, B2 (PAI-2)	3.2	4.8	5.0
CCRL2	chemokine (C-C motif) receptor-like 2	2.9	4.7	5.5
FAD158	factor for adipocyte differentiation 158	2.9	4.1	4.5
CCL18	chemokine (MIP-4)	2.8	4.3	6.2
STARDA4	START domain containing 4; cholesterol homeostasis	2.7	4.6	4.0
PHLDA2	pleckstrin homology-like domain, A2	2.7	4.3	4.9
HECW2	HECT, C2, WW domain containing ubiquitin ligase 2	2.6	4.0	4.1
GADD45B	growth arrest and DNA-damage-inducible, β	2.6	4.6	4.5
YRDC	ischemia/reperfusion inducible protein	2.1	4.5	3.7

Figure 9B

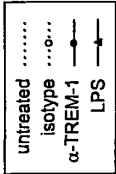
Gene	Description	Fold-induction		
		TREM	LPS	dual
CCR2	chemokine (C-C motif) receptor 2	-8.4	-7.2	-11.2
DHX57	DEAH-box RNA/DNA helicase	-6.5	-3.0	-9.6
GIMAP6	GTPase, immunity-associated protein 6	-6.3	-5.5	-13.9
GIMAP7	GTPase, immunity-associated protein 7	-5.8	-9.7	-8.1
FUCA1	fucosidase, α -L-1, tissue	-5.6	-5.6	-8.9
ADORA3	adenosine A3 GPCR	-5.6	-4.9	-5.6
CX3CR1	chemokine (C-X3-C motif) receptor 1	-5.5	-9.9	-16.1
TSCOT	thymic stromal co-transporter (SLC64A2)	-5.0	-8.1	-6.2
CST3	cystatin C; cysteine protease inhibitor	-4.9	-4.4	-4.9
BMF	Bcl2 modifying factor	-4.6	-4.0	-5.5
CCL8	chemokine (MCP-2)	-4.6	-1.5	-6.1
FPRL2	formyl peptide receptor-like 2; DC maturation modulator	-4.4	-3.1	-8.8
CARD12	caspase recruitment domain family, 12 (NLRC4)	-4.3	-5.4	-11.9
LILRB1	leukocyte Ig-like receptor, B1; ITIM-containing	-4.2	-2.1	-7.1
TLR1	toll-like receptor 1	-4.1	-8.1	-11.4
FAM26B	family with sequence similarity 26, B	-4.1	-6.5	-7.7
GIMAP8	GTPase, immunity-associated protein 8	-3.8	-4.0	-5.8
SAP30	sin3-associated polypeptide; HDAC complex component	-3.6	-4.2	-4.1
GIMAP1	GTPase, immunity-associated protein 1	-3.4	-5.1	-9.1
ARRDC2	arrestin domain containing 2	-3.2	-4.1	-4.7
RGS19	regulator of G-protein signalling 19	-3.0	-4.2	-4.6
UBADC1	ubiquitin associated domain containing 1 (GBDR1)	-2.6	-4.5	-6.0
NALP12	NACHT, LRR and PYD containing 12 (NLRP12/Monarch1)	-2.4	-4.0	-3.8
PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	-1.9	-4.7	-3.4
CECR6	cat eye syndrome chromosome region, candidate 6	-1.3	-5.9	-5.1
OLIG1	oligodendrocyte bHLH transcription factor 1	-1.2	-4.5	-2.5
ZNF555	Zn ²⁺ -finger protein 555	-1.1	-4.9	-2.3
OLIG2	oligodendrocyte bHLH transcription factor 2	3.1	-5.6	1.4

Figures 10A-B

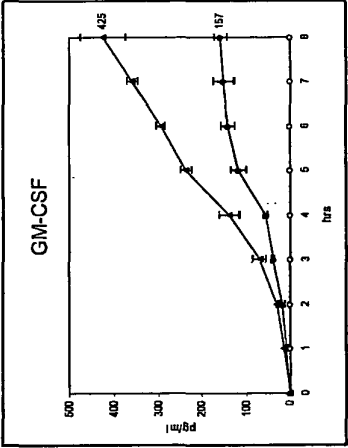
THP-1 vGFP transduced
5 days



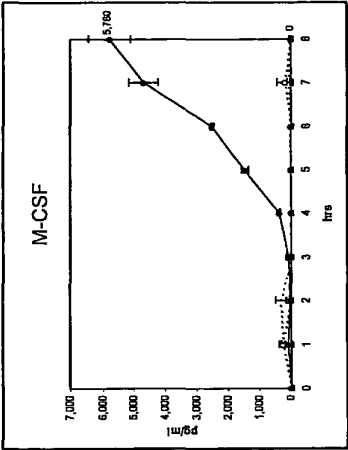
Figures 11A-F



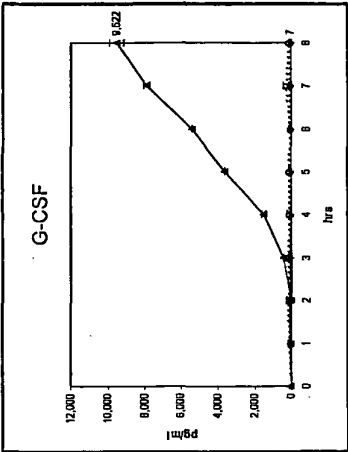
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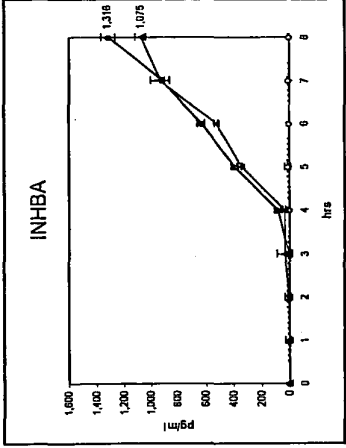
B.



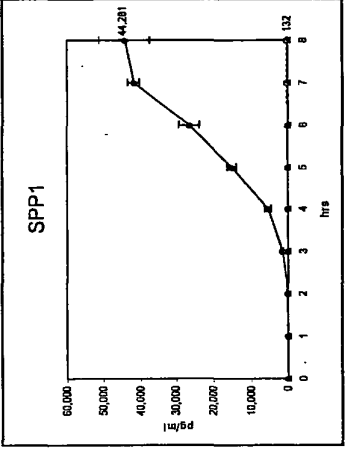
C.



D.



E.



F.

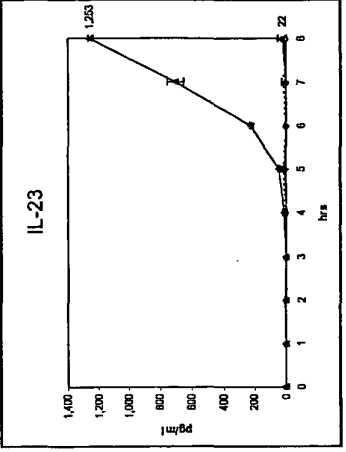
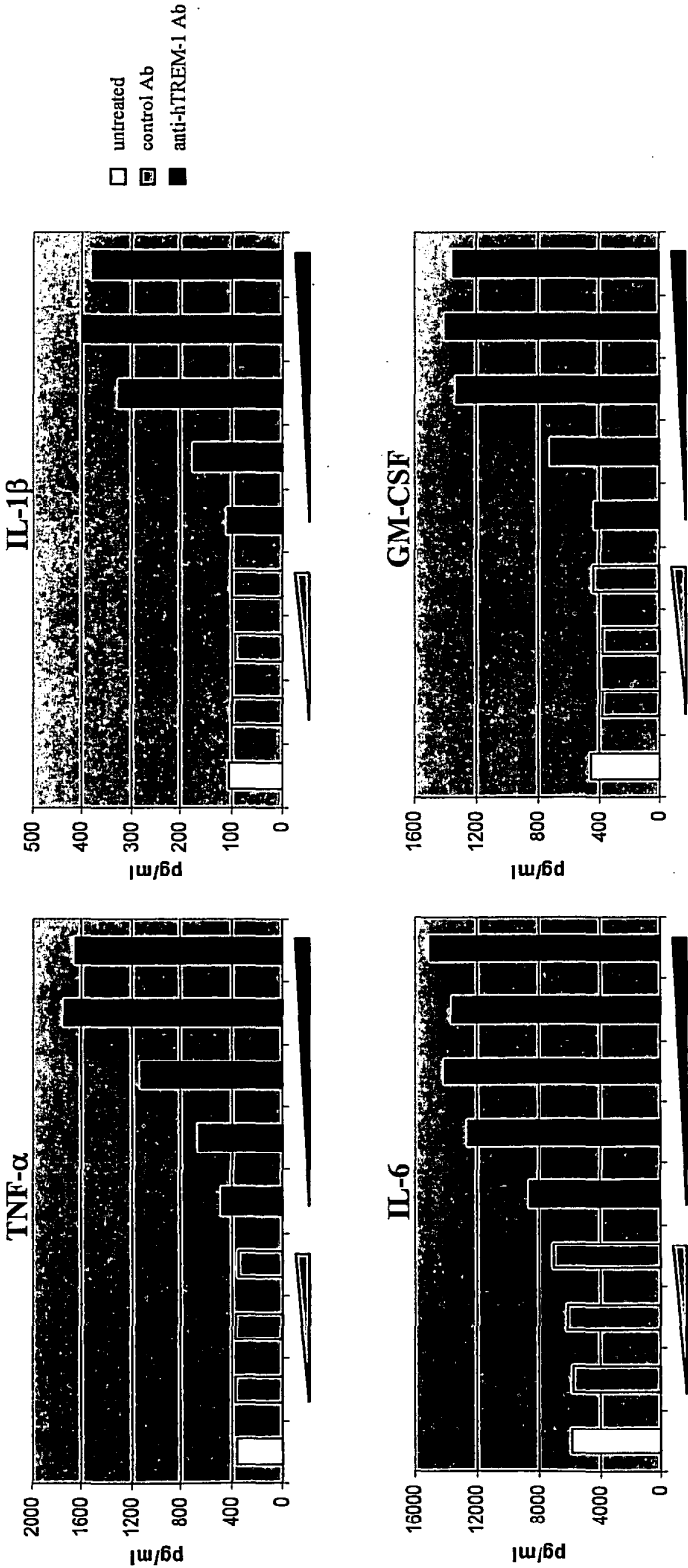


Figure 12



control Ab (anti-E. tenella) (0.12, 1.11, 10 µg/ml)
anti-hTREM-1 (0.12, 0.37, 1.11, 3.33, 10 µg/ml)

Figure 13B

	Fold-induction*		
	Donor 1	Donor 2	Donor 3
hIL-6	1.9	1.2	2.3
hIL-10	1.1	2.1	1.6
hTNF	4.9	2.4	5.5
hIL-8	nd	nd	2.5
hIL-12p40	1.3	1.9	1.9
hIL1b	3.8	5.3	2.9
hGM-CSF	2.3	4.9	2.2

* α -TREM-1/control Ab

Figure 13A

	Background levels (pg/ml)		
	Donor 1	Donor 2	Donor 3
hIL-6	6,992	33,896	75
hIL-10	2,248	442	35
hTNF	360	7,424	29
hIL-8	off-scale	off-scale	656
hIL-12p40	264	886	21
hIL1b	106	269	11
hGM-CSF	5,864	2,224	12

Figure 14

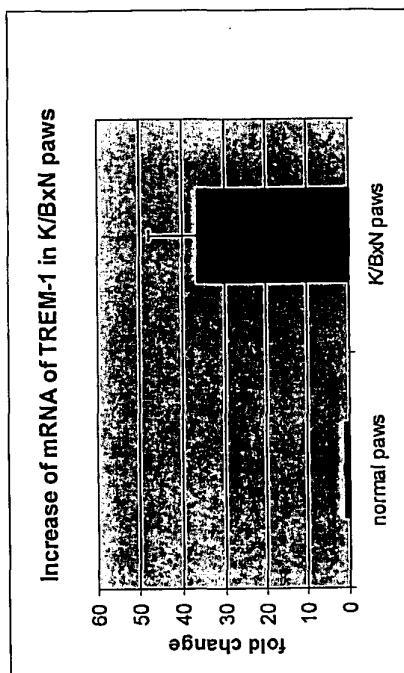


Figure 15

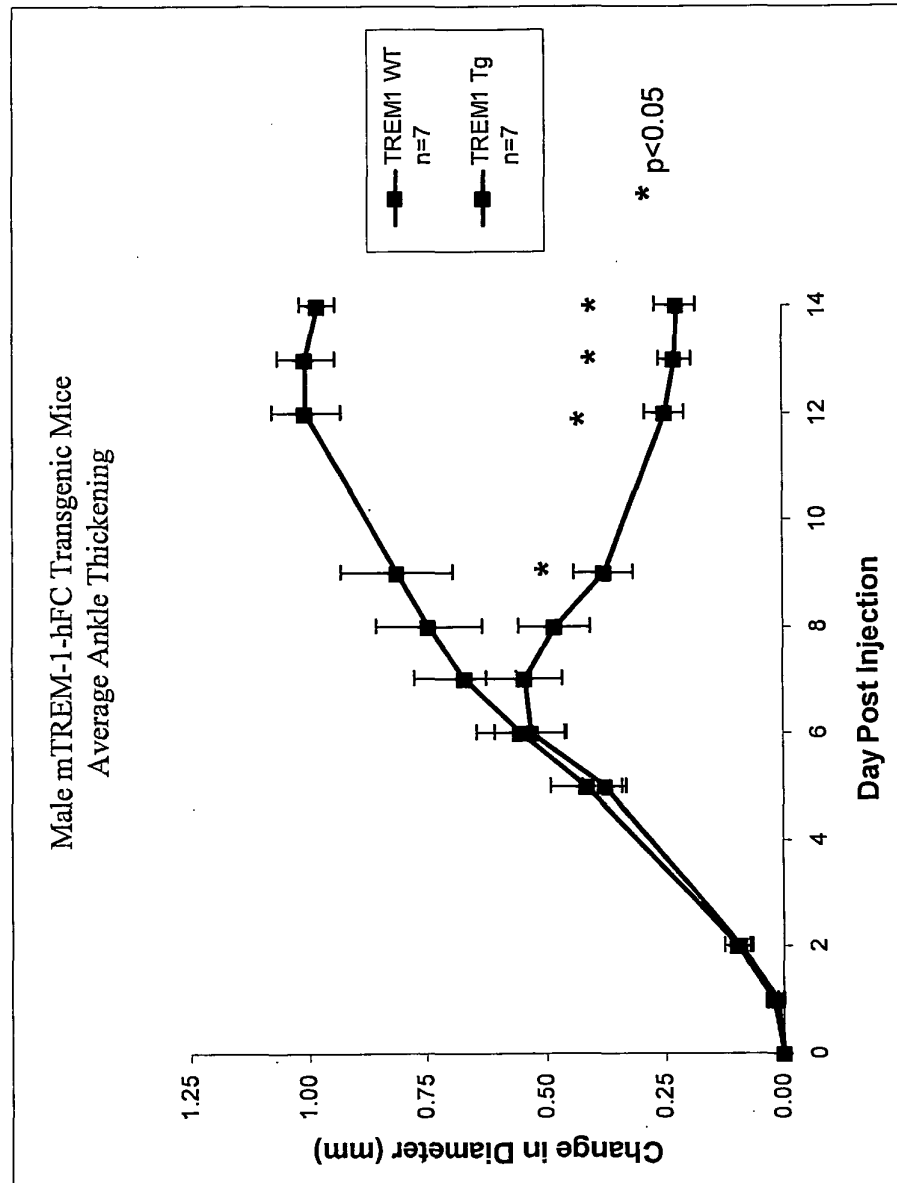


Figure 16

mTREM-1-hFC Transgenic Mice
Average Ankle Thickening Day 14

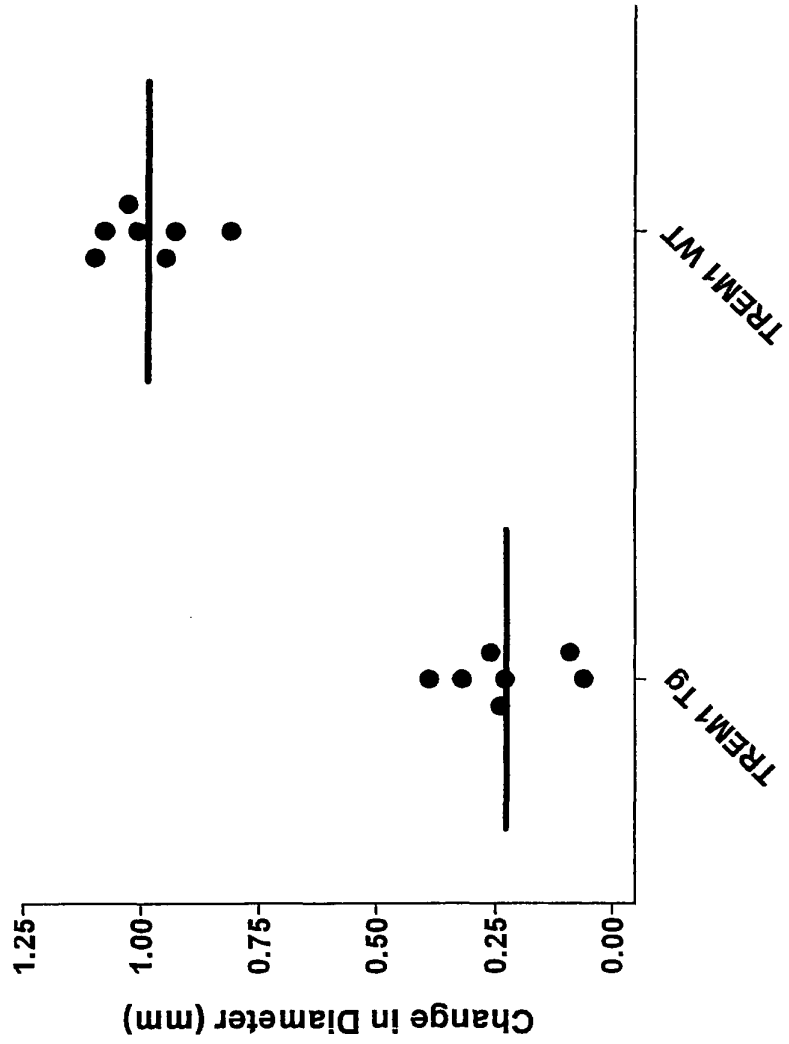


Figure 17

Ear swelling after anti-IgE challenge
mTREM-1-hFc transgenic mice and wildtype males and females

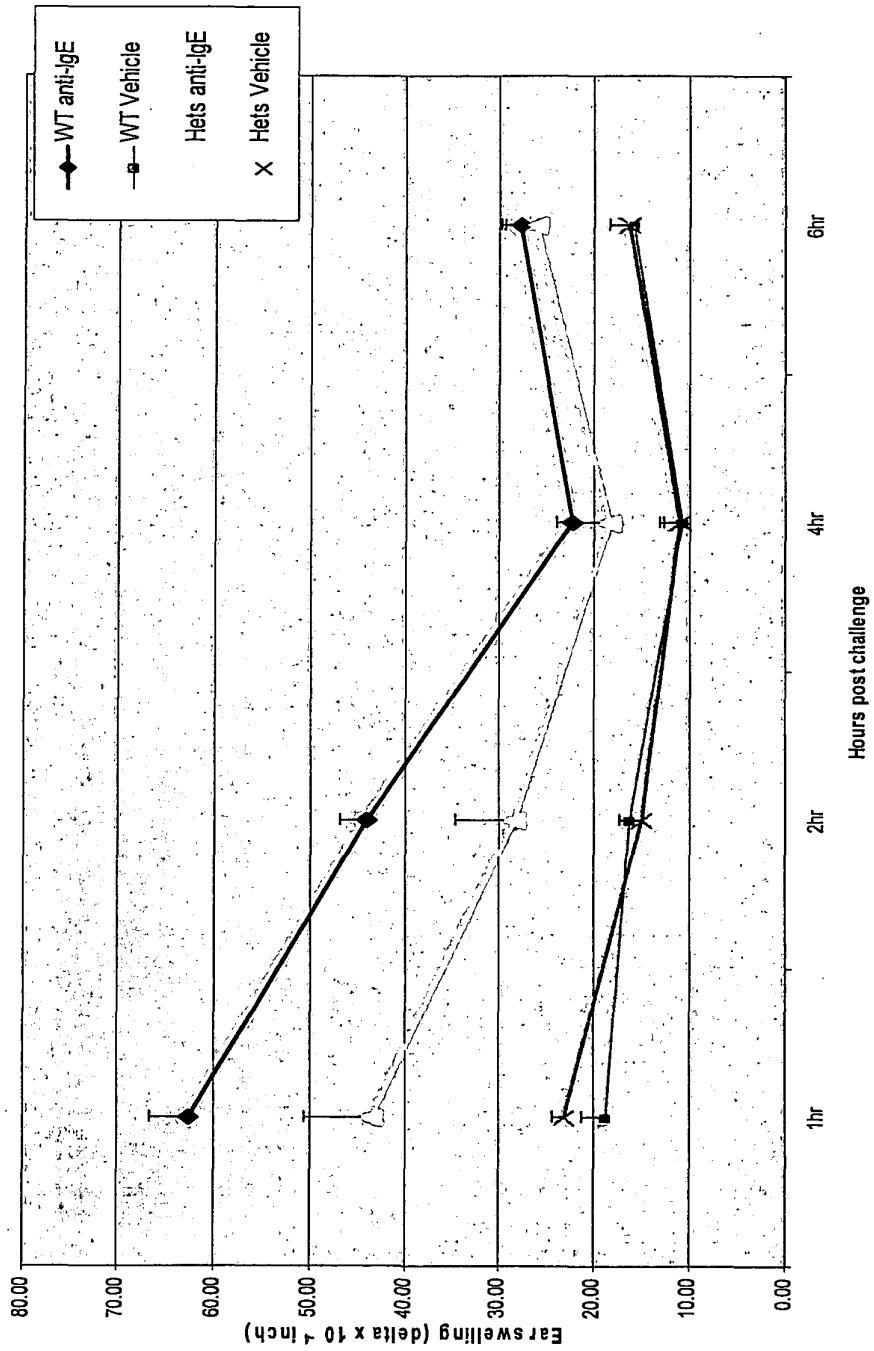
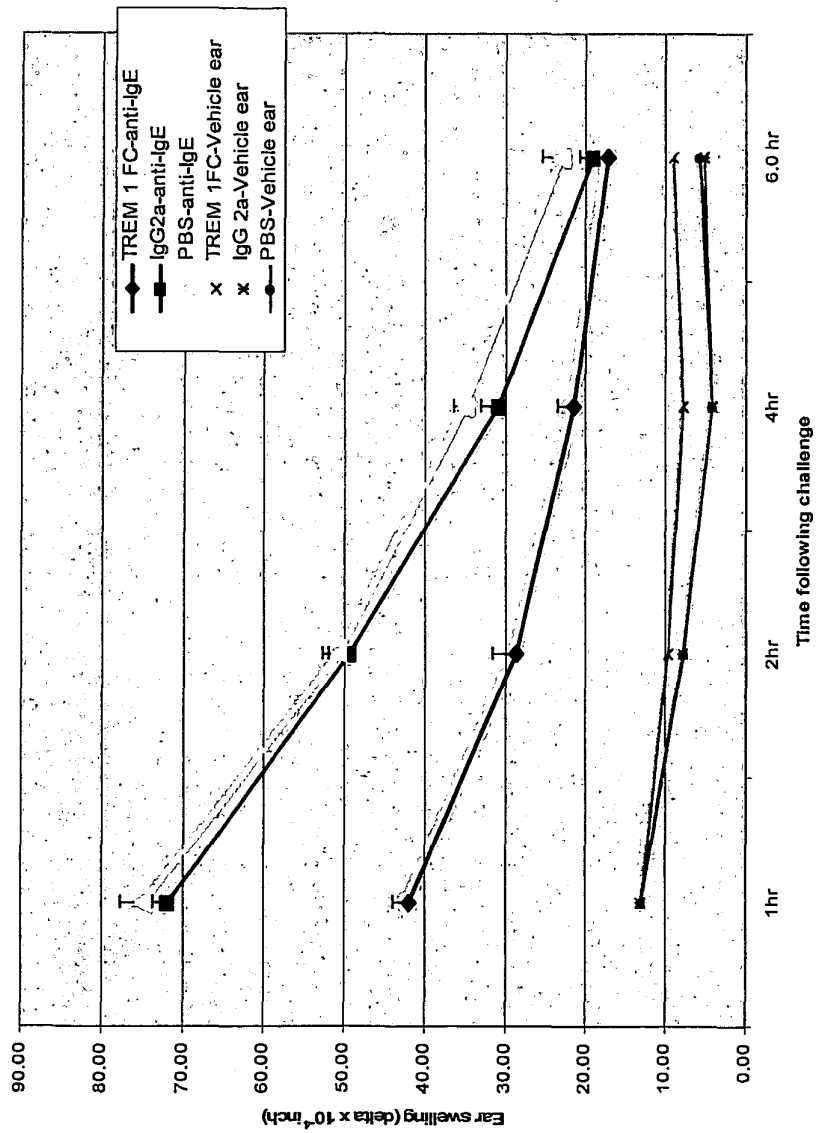


Figure 18

Ear swelling after anti-IgE challenge
C57BL/6 mice pretreated with mTREM-1-mFC, IgG2a, or PBS (ip)



Proteins were injected at 500 ug/mouse

Figure 19

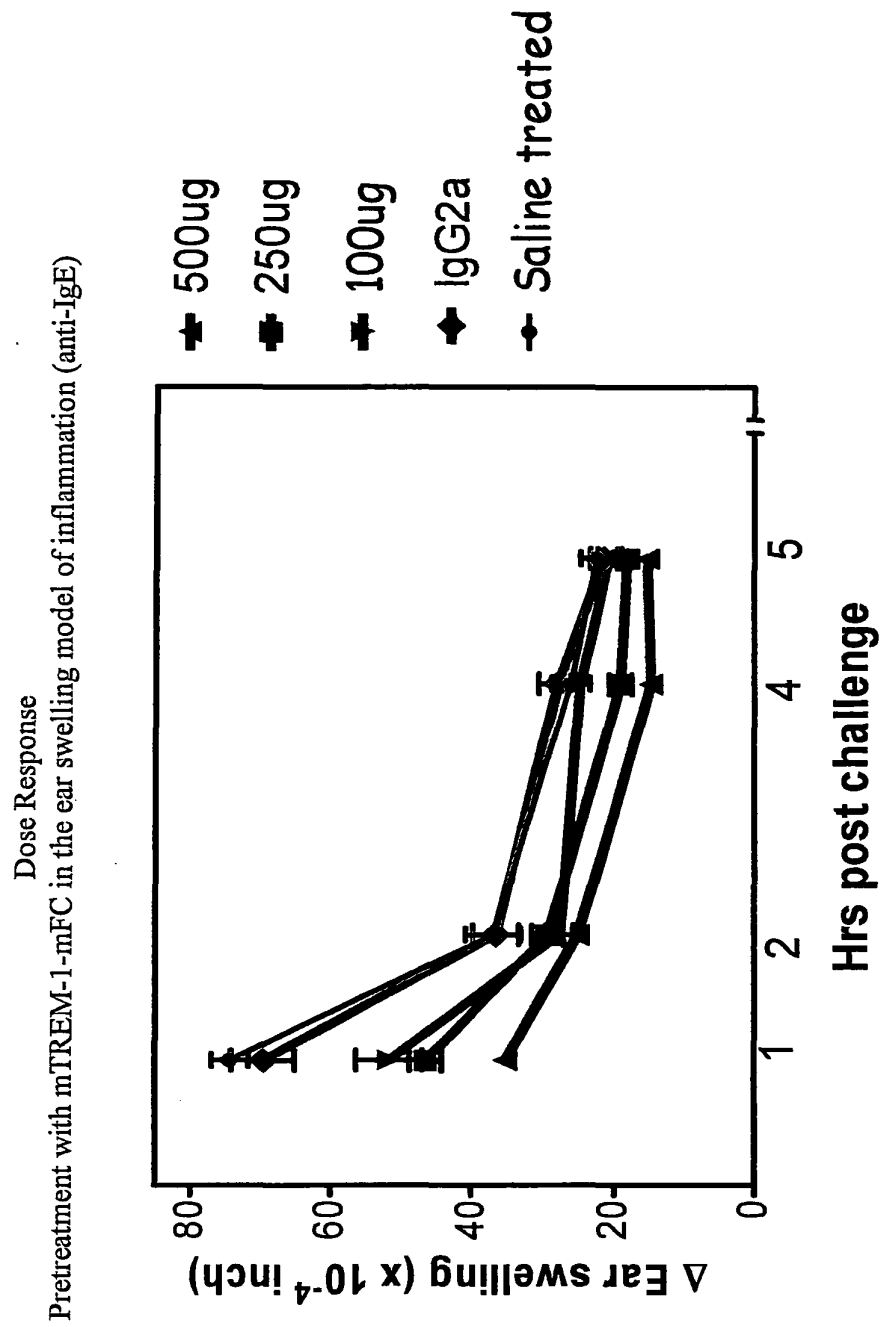


Figure 20

TREM-1 KO mice have reduced ear swelling when challenged with anti-IgE

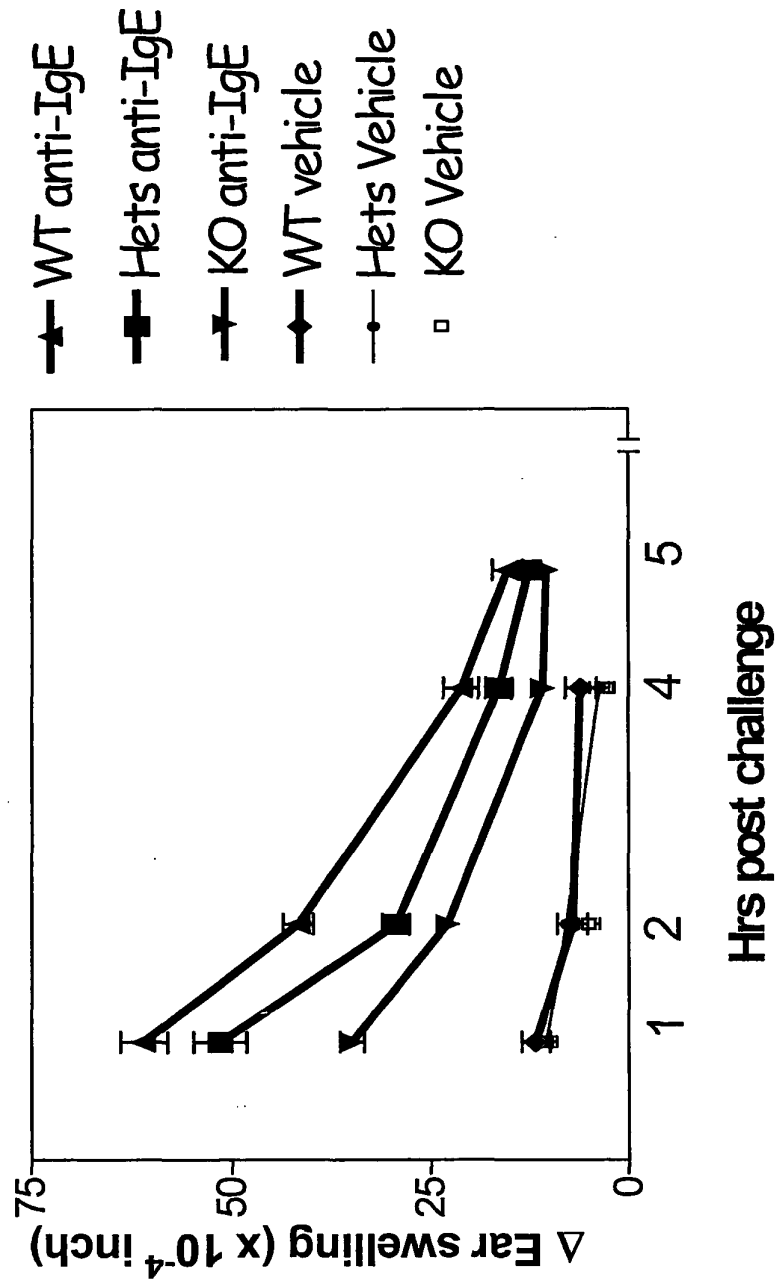


Figure 21

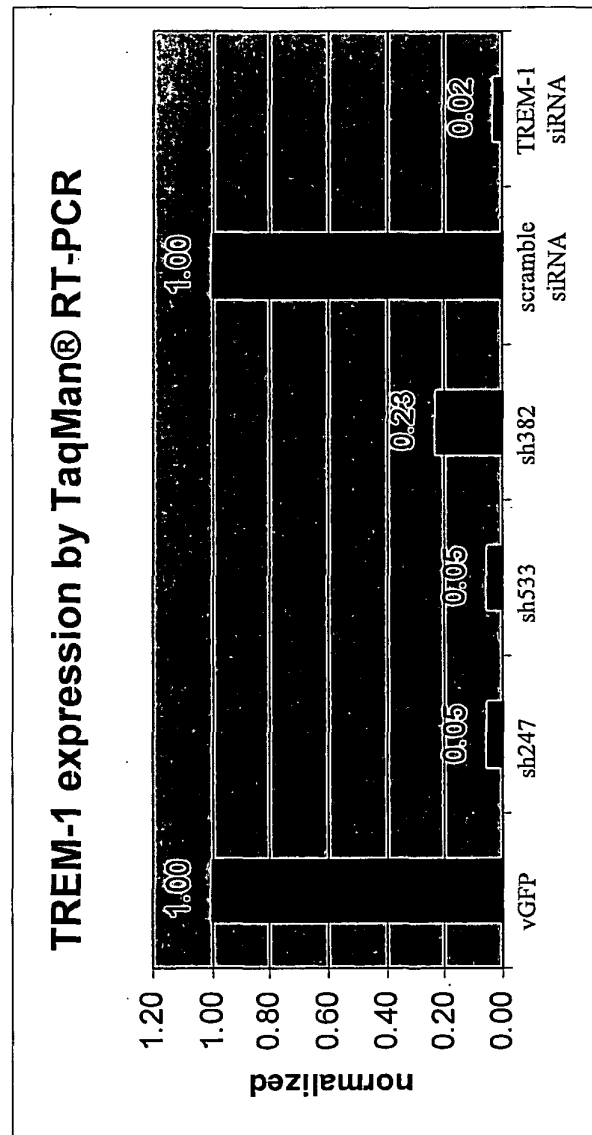


Figure 22A

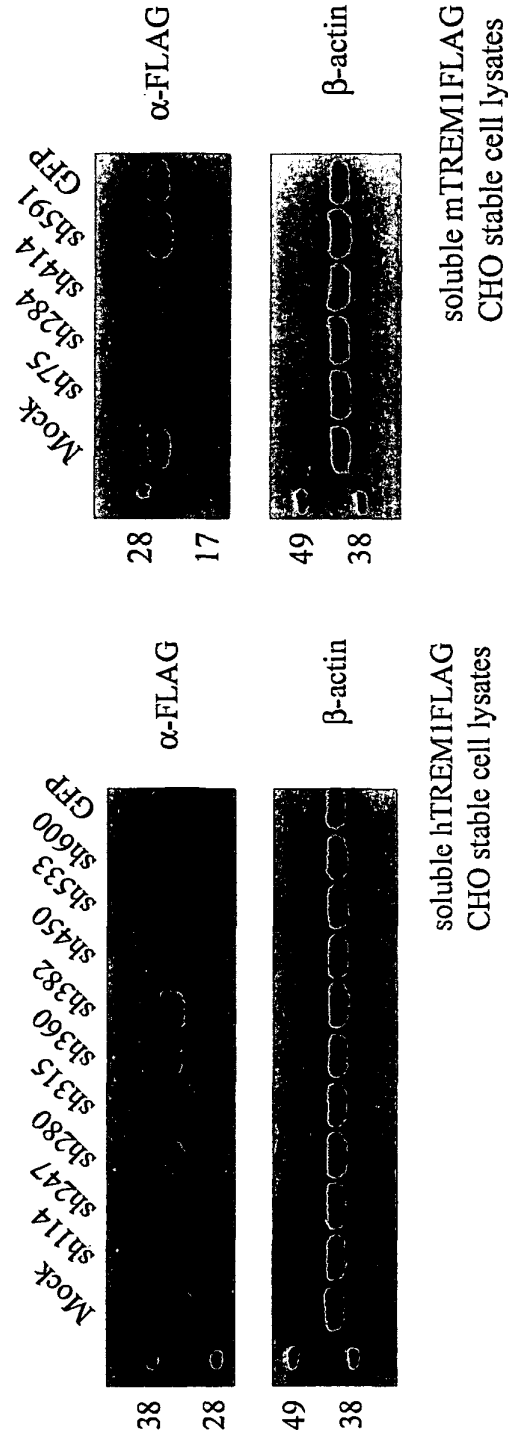


Figure 22B

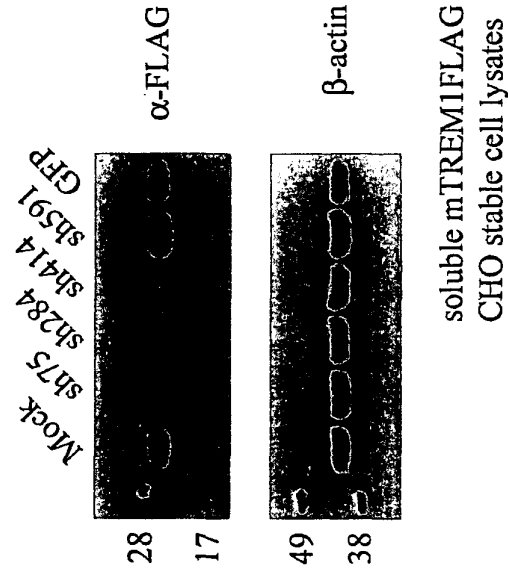


Figure 23-1

Qualifier	Description	Gene name	untreated	isotype	Average intensity			
					α-TREM-1	LPS	isotype plus LPS	α-TREM-1 plus LPS
210511_s_at	inhibin, beta A (activin A, activin AB alpha polypeptide)	INHBA	20	17	1591	1622	1479	4187
227140_at	Inhibin, beta A (activin A, activin AB alpha polypeptide)	INHBA	51	49	2795	3575	2992	5858
204011_at	sprouty homolog 2 (Drosophila)	SPRY2	28	19	1335	21	22	831
229242_at	Transcribed locus		83	90	4928	671	727	5617
221085_at	tumor necrosis factor (ligand) superfamily, member 15	TNFSF15	21	21	914	85	101	1106
204475_at	matrix metalloproteinase 1 (interstitial collagenase)	MMP1	8	10	265	46	59	516
1562747_at	Homo sapiens, clone IMAGE:5219794, mRNA		3	2	55	11	11	109
1568574_x_at	Secreted phosphoprotein 1 (osteopontin, bone sialoprotein 1, early T-lymphocyte activation 1)	SPP1	15	21	540	44	55	442
209875_s_at	secreted phosphoprotein 1 (osteopontin, bone sialoprotein 1, early T-lymphocyte activation 1)	SPP1	235	282	5769	786	895	5330
211839_s_at	early T-lymphocyte activation 1 (osteopontin, bone sialoprotein 1, colony stimulating factor 1 (macrophage))	CSF1	6	8	207	17	20	198
212444_at	CDNA clone IMAGE:6025865, partial cds		7	4	92	33	30	102
209716_at	colony stimulating factor 1 (macrophage)	CSF1	104	90	2332	204	232	2562
217546_at	metallothionein 1K	MT1K	2	4	88	6	7	49
204014_at	dual specificity phosphatase 4	DUSP4	135	92	1202	415	370	712
218585_s_at	RA-regulated nuclear matrix-associated protein	RAMP	9	6	88	14	12	86
203108_at	G protein-coupled receptor, family C, GPCR5A group 5, member A		27	29	315	123	109	324
203548_s_at	lipoprotein lipase	LPL	84	86	964	141	153	621
210557_x_at	colony stimulating factor 1 (macrophage)	CSF1	16	12	199	32	37	223

Figure 23-2

237204_at			18	15	216	84	72	220
204015_s_at	dual specificity phosphatase 4	DUSP4	234	138	1693	684	563	1031
204802_at	Ras-related associated with diabetes	RRAD	150	115	1177	440	371	1803
226034_at	Homo sapiens, clone IMAGE:3881549, mRNA		121	106	1053	456	358	677
204363_at	coagulation factor III (thromboplastin, tissue factor)	F3	61	41	510	1840	1912	2817
203889_at	secretory granule, neuroendocrine protein 1 (7B2 protein)	SGNE1	14	10	127	16	15	64
205249_at	early growth response 2 (Krox-20 homolog, Drosophila)	EGR2	628	436	4885	1282	1377	3946
237890_at	Dystrobrein binding protein 1	DTNBP1	9	17	180	67	69	209
239756_at	MAD1 mitotic arrest deficient-like 1 (yeast)	MAD1L1	34	38	422	129	119	729
206239_s_at	serine protease inhibitor, Kazal type 1	SPINK1	118	116	1435	252	258	1377
204926_at	inhibin, beta A (activin A, activin AB alpha polypeptide)	INHBA	9	11	119	138	114	162
237016_at	chromosome 6 open reading frame 128	C6orf128	16	13	108	47	35	98
230127_at	Transcribed locus		22	23	282	135	141	290
222802_at	endothelin 1	EDN1	51	49	567	394	394	1532
207850_at	chemokine (C-X-C motif) ligand 3	CXCL3	450	480	3945	10862	9825	10290
244080_at	GTP binding protein overexpressed in skeletal muscle	GEM	50	42	395	187	161	409
204472_at	lipoprotein lipase		257	347	3443	1272	1338	5282
203549_s_at	eukaryotic translation initiation factor 4E	LPL	155	161	1516	259	280	1017
237718_at	endothelial differentiation, sphingolipid G-protein-coupled receptor, 3	EIF4E	126	114	1016	712	701	1580
231741_at	Transcribed locus	EDG3	26	26	191	14	21	124
243675_at	tissue factor pathway inhibitor 2	TFPI2	54	39	371	199	167	431
209278_s_at			4	5	73	65	71	199

Figure 23-3

231367_s_at	Fibronectin type III domain containing 3	FNDC3	27	18	198	42	36	120
204575_s_at	matrix metalloproteinase 19	MMP19	727	890	7253	1471	1411	7040
227347_x_at	hair cell enhancer of split 4 (Drosophila)	HES4	33	27	245	132	130	310
210229_s_at	colony stimulating factor 2 (granulocyte-macrophage)	CSF2	4	5	67	129	117	1075
205680_at	matrix metalloproteinase 10 (stromelysin 2)	MMP10	10	13	110	155	153	707
206914_at	class-I MHC-restricted T cell associated molecule	CRTAM	124	135	1234	93	99	570
209355_s_at	phosphatidic acid phosphatase type 2B	PPAP2B	20	20	163	23	30	95
1558836_at	MRNA; cDNA DKFZp667A182 (from clone DKFZp667A182)		30	33	236	97	85	274
204574_s_at	matrix metalloproteinase 19	MMP19	24	13	96	19	21	76
218469_at	grem1 1 homolog, cysteine knot superfamily (Xenopus laevis)	GREM1	10	8	100	14	9	47
228425_at	Homo sapiens, clone IMAGE:4826696, mRNA		22	18	120	35	43	144
219270_at	hypothetical protein MGC4504	MGC4504	23	23	165	103	115	190
209324_s_at	regulator of G-protein signalling 16	RGS16	12	12	110	47	47	99
207907_at	tumor necrosis factor (ligand) superfamily, member 14	TNFSF14	270	290	2763	182	233	2423
221266_s_at	transmembrane 7 superfamily member 4	TM7SF4	38	35	256	53	50	224
210896_s_at	aspartate beta-hydroxylase	ASPH	47	63	513	112	126	422
218995_s_at	endothelin 1	EDN1	27	29	256	172	199	685
1569352_at	KIAA1450 protein	KIAA1450	36	30	235	123	112	294
230188_at	hypothetical protein LOC348938	LOC348938	14	13	123	96	81	290
218000_s_at	pleckstrin homology-like domain, family A, member 1	PHLDA1	323	367	2514	1061	981	2556
209209_s_at	pleckstrin homology domain containing, family C (with FERM domain) member 1	PLEKHC1	10	9	73	45	50	107
209774_x_at	chemokine (C-X-C motif) ligand 2	CXCL2	1131	1014	6557	14872	13771	13576

Figure 23-4

208510_s_at	peroxisome proliferative activated receptor, gamma	PPARG	213	297	1819	318	425	1346
237465_at	hypothetical gene supported by BC062741	LOC401151	45	37	281	151	145	273
231124_x_at	Lymphocyte antigen 9	LY9	39	39	295	38	34	117
201693_s_at	early growth response 1	EGR1	108	59	441	539	507	972
201694_s_at	early growth response 1	EGR1	398	211	1552	1796	1807	3188
204803_s_at	Ras-related associated with diabetes	RRAD	180	180	998	488	481	1504
228176_at	endothelial differentiation, sphingolipid G-protein-coupled receptor, 3	EDG3	439	339	2363	237	229	1494
205266_at	leukemia inhibitory factor (cholinergic differentiation factor)	LIF	51	28	209	90	95	819
222680_s_at	RA-regulated nuclear matrix-associated protein	RAMP	19	12	76	19	23	65
202988_s_at	Regulator of G-protein signalling 1	RGS1	410	320	2423	1030	1007	2298
237252_at	thrombomodulin	THBD	60	27	140	58	66	112
231286_at	chromosome 9 open reading frame 47	C9orf47	21	20	122	22	26	87
209135_at	aspartate beta-hydroxylase	ASPH	40	52	346	80	97	269
241972_at	hypothetical LOC401588	LOC401588	48	53	364	204	204	399
203821_at	heparin-binding EGF-like growth factor	HBEGF	479	298	2323	946	858	2415
216248_s_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	427	271	1714	901	728	2027
1554980_a_at	activating transcription factor 3	ATF3	565	392	2403	638	603	1868
204622_x_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	372	230	1442	799	659	1640
225283_at	arrestin domain containing 4	ARRDC4	433	357	1815	1211	1249	1638
231291_at	Gastric inhibitory polypeptide receptor	GIPR	22	18	110	19	30	71
232530_at	Phospholipase D1, phosphatidylcholine-specific	PLD1	29	23	109	337	304	430
202976_s_at	Rho-related BTB domain containing	RHOBTB3	7	10	49	19	23	59

Figure 23-5

223062_s_at	phosphoserine aminotransferase 1	PSAT1	17	16	84	30	34	67
222223_s_at	interleukin 1 family, member 5 (delta)	IL1F5	21	19	108	47	53	149
205047_s_at	asparagine synthetase	ASNS	36	47	290	158	157	344
204621_s_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	302	157	892	463	399	1019
216243_s_at	interleukin 1 receptor antagonist	IL1RN	2025	2696	13341	14397	13363	15022
203925_at	glutamate-cysteine ligase, modifier subunit	GCLM	226	269	1588	835	815	1690
231100_at			18	24	95	47	44	132
216245_at			101	154	879	612	633	833
202760_s_at	PALM2-AKAP2 protein	PALM2-AKAP2	103	155	838	756	798	1489
212659_s_at	interleukin 1 receptor antagonist	IL1RN	1828	2641	12066	13330	11851	14020
1554486_a_at	chromosome 6 open reading frame 114	C6orf114	53	68	375	70	77	245
1560869_a_at	Full length insert cDNA clone YQ50C11		13	15	83	43	59	132
227404_s_at	homer homolog 1 (Drosophila)	HOMER1	246	136	921	909	1024	1821
213793_s_at	Glutamate-cysteine ligase, modifier subunit	GCLM	37	33	180	97	98	163
234986_at			61	67	391	195	206	426
219911_s_at	solute carrier organic anion transporter family, member 4A1	SLCO4A1	82	70	410	131	145	478
235911_at	hypothetical gene supported by BC034933; BC068085	LOC440995	141	132	713	253	253	587
236140_at	glutamate-cysteine ligase, modifier subunit	GCLM	63	69	422	205	227	478
244887_at	Regulator of G-protein signalling 13	RGS13	19	12	58	20	19	42
209210_s_at	pleckstrin homology domain containing, family C (with FERM domain) member 1	PLEKHC1	23	31	165	115	119	258
213338_at	Ras-induced senescence 1	RIS1	133	142	856	174	172	366
204420_at	FOS-like antigen 1	FOSL1	100	90	504	338	325	718
1553706_at	HtrA serine peptidase 4	HTRA4	19	15	82	9	14	46

Figure 23-6

1554997_a_at	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	PTGS2	271	246	1303	9504	8490	7671
226893_at	V-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	ABL2	427	489	2386	2290	1960	3500
214285_at	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	FABP3	24	22	128	34	34	110
217997_at	pleckstrin homology-like domain, family A, member 1	PHLDA1	961	884	4432	2046	2199	4093
207438_s_at	RNA, U transporter 1	RNUT1	140	115	666	115	102	484
225202_at	Rho-related BTB domain containing 3	RHOBTB3	20	17	96	35	44	121
236898_at	Transcribed locus		63	75	289	207	182	393
228033_at	E2F transcription factor 7	E2F7	12	7	29	207	188	143
205443_at	small nuclear RNA activating complex, polypeptide 1, 43kDa	SNAPC1	61	58	377	120	106	364
206115_at	early growth response 3	EGR3	628	321	1562	1441	1353	1687
226694_at	PALM2-AKAP2 protein	PALM2-AKAP2	281	315	1461	1366	1409	2248
204170_s_at	CDC28 protein kinase regulatory subunit 2	CKS2	154	167	932	427	408	1036
208370_s_at	Down syndrome critical region gene 1	DSCR1	109	101	655	266	228	843
1569403_at	heparin-binding EGF-like growth factor	HBEGF	28	31	165	42	50	165
38037_at			266	172	1102	472	446	1275
216017_s_at	NGFI-A binding protein 2 (EGR1 binding protein 2)	NAB2	100	123	455	174	169	310
218951_s_at	phosphatidylinositol-specific phospholipase C, X domain containing 1	PLCXD1	97	130	655	174	169	447
228606_at	hypothetical protein MGC33212	MGC33212	28	25	139	18	27	120

Figure 23-7

231907_at	V-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	ABL2	480	534	2574	2176	1970	3284
206411_s_at	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	ABL2	65	86	416	383	348	532
222817_at	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	HSD3B7	29	30	100	19	21	54
239331_at	Transcribed locus		68	66	381	367	338	775
1564274_at	chromosome 9 open reading frame 47	C9orf47	32	41	199	55	56	145
226498_at	Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)	FLT1	74	82	295	788	865	719
205097_at	solute carrier family 26 (sulfate transporter), member 2	SLC26A2	468	487	2412	757	802	1705
232331_at	Peroxisome proliferative activated receptor, gamma	PPARG	208	243	1145	289	344	897
231343_at	Fibronectin type III domain containing 3	FNDC3	38	25	129	41	44	98
205738_s_at	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)	FABP3	33	26	144	43	38	133
205476_at	chemokine (C-C motif) ligand 20	CCL20	1555	1884	7430	15935	15531	14670
214974_x_at	chemokine (C-X-C motif) ligand 5	CXCL5	113	81	427	483	434	678
208075_s_at	chemokine (C-C motif) ligand 7	CCL7	701	884	4043	1576	2006	2639
203939_at	5'-nucleotidase, ecto (CD73)	NT5E	46	49	199	96	88	153
229070_at	chromosome 6 open reading frame 105	C6orf105	11	14	60	77	76	102
229879_at	Aspartate beta-hydroxylase	ASPH	40	40	147	45	48	119
205114_s_at	chemokine (C-C motif) ligand 3	CCL3, CCL3L1, MGC12815	3173	2357	10763	17769	17205	16667

Figure 23-8

212230_at	phosphatidic acid phosphatase type 2B	PPAP2B	104	112	517	123	128	351
202759_s_at	PALM2-AKAP2 protein	PALM2-AKAP2	323	465	2094	1804	1787	3337
202672_s_at	activating transcription factor 3	ATF3	1921	1466	6714	2154	1978	5215
203367_at	dual specificity phosphatase 14	DUSP14	82	81	351	66	62	160
212226_s_at	phosphatidic acid phosphatase type 2B	PPAP2B	65	76	345	87	98	261
234153_at	Synaptojanin 2	SYNJ2	11	20	97	102	117	166
224963_at	solute carrier family 26 (sulfate transporter), member 2	SLC26A2	553	679	3160	1073	1063	2488
207082_at	colony stimulating factor 1 (macrophage)	CSF1	14	18	92	19	22	110
229307_at	ankyrin repeat domain 28	ANKRD28	56	47	213	64	88	220
219557_s_at	nuclear receptor interacting protein 3	NRIP3	978	1002	4702	1481	1622	4033
1562056_at	Niemann-Pick disease, type C1	NPC1	61	71	328	146	132	354
202679_at	phosphatase and actin regulator 1	PHACTR1	501	624	2900	843	865	2674
232045_at	hypothetical protein MGC26963	MGC26963	16	13	64	65	62	174
242963_at	leucine rich repeat and fibronectin type III domain containing 4	LRFN4	118	127	556	240	269	525
219491_at	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	PTGS2	51	32	132	15	33	69
204748_at	interleukin 6 (interferon, beta 2)	IL6	743	643	2837	13572	12380	11519
205207_at	thrombomodulin	THBD	144	179	793	16216	14900	11658
203887_s_at	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	ATP1B1	256	196	943	366	356	672
201242_s_at	adenosine A2b receptor	ADORA2B	36	30	159	97	106	119
205891_at	Centaurin, gamma 3	CENTG3	214	258	1032	628	673	1122
240496_at	pleckstrin homology-like domain, family A, member 1	PHLDA1	22	23	88	57	50	137
229437_at	Clone 23832 mRNA sequence		92	106	471	3090	3122	2761
217996_at	KIAA1450 protein	KIAA1450	1415	1320	5243	3314	3374	5330
215211_at			25	39	136	56	54	158
225924_at			687	699	3040	1696	1726	3232

Figure 23-9

209664_x_at	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	NFATC1	23	26	105	104	108	161
212859_x_at	metallothionein 1E (functional)	MT1E	437	519	2468	348	529	1938
201243_s_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	ATP1B1	93	106	491	385	371	462
209325_s_at	regulator of G-protein signalling 16	RGS16	36	26	137	73	70	148
201466_s_at	v-jun sarcoma virus 17 oncogene homolog (avian)	JUN	31	37	167	107	117	233
212445_s_at	neural precursor cell expressed, developmentally down-regulated 4- like	NEDD4L	43	51	228	151	161	430
212508_at	modulator of apoptosis 1	MOAP1	476	488	2190	444	440	2119
217975_at	WW domain binding protein 5	WBP5	130	121	556	125	132	442
240859_at	zinc finger, FYVE domain containing 16	ZFYVE16	48	42	190	104	110	276
210258_at	regulator of G-protein signalling 13	RGS13	72	76	319	102	107	268
203888_at	thrombomodulin	THBD	152	105	471	193	201	342
1553994_at	5'-nucleotidase, ecto (CD73)	NT5E	16	14	68	31	34	62
218834_at	Regulator of G-protein signalling 1	RGS1	1535	1220	5301	3104	3184	5386
232149_s_at	neutral sphingomyelinase (N- SMase) activation associated factor	NSMAF	729	882	3661	2203	2234	4770
232835_at	Jumonji, AT rich interactive domain 2	JARID2	54	33	135	55	38	114
242058_at	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	19	16	58	40	41	64
36711_at	non-metastatic cells 7, protein expressed in (nucleoside- diphosphate kinase)	NME7	1227	959	3783	5507	5197	6590
227556_at	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11	SLC7A11	57	61	274	190	183	246
207528_s_at	galactosidase, alpha	GLA	134	207	784	407	399	765
214430_at			809	732	3083	1808	1757	3605

Figure 23-10

226460_at	KIAA1450 protein	KIAA1450	647	622	2567	1411	1482	2786
1568768_s_at	brain and reproductive organ-expressed (TNFRSF1A modulator)	BRE	266	211	814	3740	2886	1992
217165_x_at	metallothionein 1F (functional)	MT1F	406	521	2119	442	554	1731
223461_at	TBC1 domain family, member 7	TBC1D7	511	579	2301	911	950	2129
1554999_at	RasGEF domain family, member 1B	RASGEF1B	195	224	957	513	563	1124
201662_s_at	acyl-CoA synthetase long-chain family member 3	ACSL3	329	329	1441	441	443	1071
215101_s_at	chemokine (C-X-C motif) ligand 5	CXCL5	30	42	188	195	184	286
243141_at	hypothetical protein MGC26963	MGC26963	115	178	699	291	364	706
227653_at	KIAA1393	KIAA1393	98	111	486	195	185	707
1564796_at	epithelial membrane protein 1	EMP1	33	20	91	24	14	47
228534_s_at	Fibronectin type III domain containing 3	FNDC3	19	17	66	26	24	48
233935_at	CDNA: FLJ23051 fis, clone LNG02642		191	186	768	180	199	919
237447_at	CDNA FLJ34651 fis, clone KIDNE2018167		19	15	47	285	237	219
218696_at	eukaryotic translation initiation factor 2-alpha kinase 3	EIF2AK3	233	262	1072	441	464	1110
230266_at	RAB7B, member RAS oncogene family	RAB7B	141	148	535	168	165	296
219475_at	pregnancy-induced growth inhibitor	OKL38	35	29	120	81	85	115
210519_s_at	NAD(P)H dehydrogenase, quinone 1	NQO1	33	31	127	93	92	133
212942_s_at	KIAA1199	KIAA1199	45	57	155	118	102	157
207113_s_at	tumor necrosis factor (TNF superfamily, member 2)	TNF	894	741	2997	13526	12624	14001
201329_s_at	v-ets erythroblastosis virus E26 oncogene homolog 2 (avian)	ETS2	432	444	1697	2938	2736	4034
205239_at	amphiregulin (schwannoma-derived growth factor)	AREG	120	100	444	829	669	713
225252_at	chromosome 20 open reading frame 139	C20orf139	938	1120	4428	2928	2952	5299

Figure 23-11

217999_s_at	CDNA clone IMAGE:4514712, partial cds	243	248	837	607	541	937
222900_at	Nuclear receptor interacting protein 3	1614	1879	7099	2420	2526	6031
230218_at	Transcribed locus	47	59	192	61	55	127
224959_at	solute carrier family 26 (sulfate transporter), member 2	1336	1409	5019	2234	2143	4018
202768_at	FBJ murine osteosarcoma viral oncogene homolog B	340	267	883	632	478	919
230179_at	hypothetical protein LOC285812	71	77	293	93	101	228
223028_s_at	sorting nexin 9	397	514	1879	1090	1161	1913
1554835_a_at	UDP-GlcNAc:betaGal beta-1,3-N- acetylglucosaminyltransferase 5 hypothetical protein MGC26963	376	360	1378	723	769	1323
227038_at	hypothetical protein MGC26963	254	322	1188	615	718	1149
222303_at	metallothionein 1X	89	67	271	362	390	683
204326_x_at	endothelin 1	791	975	3590	679	966	3004
1564630_at	Cbl-interacting protein Sts-1	19	12	38	29	31	59
228359_at	acyl-CoA synthetase long-chain family member 3	69	99	332	89	97	200
201661_s_at	metallothionein 1F (functional) Hypothetical LOC344887	129	124	522	162	184	445
213629_x_at	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)	303	343	1280	247	324	948
241418_at	mesoderm development candidate 1	23	25	94	76	77	112
210287_s_at	MESDC1	25	30	101	216	235	198
223264_at	ring finger protein 19	834	735	2738	1771	1675	2815
223085_at	RAB20, member RAS oncogene family	255	297	1105	392	468	912
219622_at	epithelial membrane protein 1 RAB7B, member RAS oncogene family	458	442	1612	934	811	1555
213895_at	inositol 1,4,5-triphosphate receptor, type 1	79	87	321	119	116	259
1553982_a_at		226	272	866	316	302	515
216944_s_at		53	53	194	75	74	168

Figure 23-12

226651_at	homer homolog 1 (Drosophila)	HOMER1	28	37	133	90	74	134
202948_at	interleukin 1 receptor, type I	IL1R1	894	1059	3587	2133	2028	3478
209457_at	dual specificity phosphatase 5	DUSP5	551	569	2154	1947	1827	2756
238961_s_at			23	21	63	23	28	50
235422_at	KIAA1450 protein	KIAA1450	26	26	100	36	40	66
225922_at	v-vets erythroblastosis virus E26	ETS2	821	961	3406	2207	2141	3718
201328_at	oncogene homolog 2 (avian)		461	438	1533	2533	2356	3507
224657_at	mitogen-inducible gene 6	MIG-6	48	46	166	119	103	150
208864_s_at	thioredoxin	TXN	896	998	3648	3263	3177	5317
244035_at	B-cell CLL/lymphoma 2	BCL2	61	55	183	110	100	212
219904_at	zinc finger and SCAN domain containing 5	ZSCAN5	58	59	224	65	67	242
218292_s_at	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	PRKAG2	588	700	2451	560	678	1653
213005_s_at	ankyrin repeat domain 15	ANKRD15	843	1082	3186	4951	5013	6005
209833_at	CASP2 and RIPK1 domain containing adaptor with death domain	CRADD	126	128	451	272	237	423
239554_at	Ring finger protein 13	RNF13	25	20	62	42	46	76
244322_at	Hypothetical protein FLJ43663	FLJ43663	16	22	72	55	59	104
235737_at	thymic stromal lymphopoietin	TSLP	4	5	15	128	125	130
213246_at	chromosome 14 open reading frame 109	C14orf109	516	592	2124	748	802	2410
211323_s_at	inositol 1,4,5-triphosphate receptor, type 1	ITPR1	60	62	242	77	68	191
238542_at	UL16 binding protein 2	ULBP2	65	60	199	180	189	248
227368_at	Hypothetical protein PRO2266	C6orf166	335	319	1176	389	416	1052
204745_x_at	metallothionein 1G	MT1G	555	598	2234	600	832	1740
233748_x_at	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	PRKAG2	664	834	2861	700	793	2001
223251_s_at	ankyrin repeat domain 10	ANKRD10	148	145	538	248	262	644
208581_x_at	metallothionein 1X	MT1X	1284	1603	5331	1462	1862	4608
223195_s_at	sestrin 2	SESN2	167	148	546	336	355	708
1569362_at	activated leukocyte cell adhesion molecule	ALCAM	33	26	69	76	77	95

Figure 23-13

203477_at	collagen, type XV, alpha 1	COL15A1	58	63	227	45	53	171
228587_at			70	70	211	48	49	150
1559507_at	CDNA FLJ34517 fis, clone HLUNG2006781		33	26	84	40	45	100
201436_at	eukaryotic translation initiation factor 4E	EIF4E	179	216	710	552	572	861
223027_at	sorting nexin 9	SNX9	574	737	2415	1520	1583	2576
238893_at	hypothetical protein LOC338758	LOC338758	517	436	1511	2989	3018	4113
218793_s_at	sex comb on midleg-like 1 (Drosophila)	SCML1	93	97	331	251	240	397
203710_at	inositol 1,4,5-triphosphate receptor, type 1	ITPR1	77	86	325	102	102	284
219496_at	chromosome 2 open reading frame 26	C2orf26	74	78	348	71	79	290
202345_s_at	fatty acid binding protein 5 (psoriasis-associated)	FABP5	491	652	2113	586	691	1092
213638_at	phosphatase and actin regulator 1	PHACTR1	351	370	1209	637	637	1125
211456_x_at			990	1073	3900	1176	1410	3500
227151_at	hypothetical protein MGC32065	MGC32065	121	75	256	119	109	246
206461_x_at	metallothionein 1H	MT1H	753	861	2866	789	1045	2407
204744_s_at	isoleucine-tRNA synthetase	IARS	351	420	1336	542	603	1239
203145_at	sperm associated antigen 5	SPAG5	77	68	225	145	146	253
1556754_at	Hypothetical gene supported by AK091031		26	26	86	25	25	76
240655_at	Activated leukocyte cell adhesion molecule	ALCAM	38	32	92	101	88	109
1556321_a_at	MRNA full length insert cDNA clone EUROIMAGE 283668		173	169	561	269	262	490
213355_at	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	ST3GAL6	352	359	1205	519	539	1385
210942_s_at	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	ST3GAL6	311	307	1064	479	527	1305
242931_at	Transcribed locus		348	359	1179	278	270	868
222582_at	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	PRKAG2	520	597	1976	422	513	1196

Figure 23-14

226497_s_at	Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)	FLT1	77	76	232	575	622	469
204036_at	endothelial differentiation, lysophosphatidic acid G-protein- coupled receptor, 2	EDG2	79	79	229	105	106	185
244447_at	Kruppel-like factor 10	KLF10	97	85	328	176	158	438
219526_at	chromosome 14 open reading frame C14orf169	C14orf169	371	462	1327	496	520	1265
228231_at	Radixin	RDX	107	97	302	124	118	260
203044_at	carbohydrate (chondroitin) synthase	CHSY1	844	724	2304	600	694	1338
215253_s_at	Down syndrome critical region gene	DSCR1	40	43	143	80	70	179
1560019_at	Hypothetical protein MGC11082	MGC11082	11	16	45	100	90	109
213035_at	ankyrin repeat domain 28	ANKRD28	155	162	514	209	225	516
244701_at	Transcribed locus		38	43	144	52	49	143
226499_at	Similar to ankyrin-repeat protein	MGC61598	222	211	667	290	277	625
224466_s_at	Nrarp v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)	MAFG	100	99	291	284	244	419
1568752_s_at	regulator of G-protein signalling 13	RGS13	18	18	56	24	27	44
32128_at	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)	CCL18	30	24	82	130	139	161
204286_s_at	phorbol-12-myristate-13-acetate- induced protein 1	PMAIP1	136	97	330	2638	2773	1744
1563445_x_at	T-cell activation leucine repeat-rich protein	TA-LRRP	104	119	417	179	207	385
212978_at	Homo sapiens, clone IMAGE:4822875, mRNA		80	86	307	165	182	263
235008_at	hypothetical protein MGC4677	MGC4677	29	24	80	36	31	84
1552258_at			32	35	112	65	68	155

Figure 23-15

242448_at	Mitogen-activated protein kinase kinase kinase kinase 3	MAP4K3	48	39	138	32	40	87
241462_at	Transcribed locus		16	9	25	61	55	70
216609_at			233	256	833	707	712	1133
206170_at	adrenergic, beta-2-, receptor, surface	ADRB2	67	75	242	420	454	590
1552711_a_at	hypothetical protein FLJ32499	FLJ32499	105	102	319	669	567	782
201468_s_at	NAD(P)H dehydrogenase, quinone 1	NQO1	40	33	113	86	82	114
209921_at	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11	SLC7A11	1881	2506	6761	4154	4147	6801
242037_at	Aspartate beta-hydroxylase	ASPH	37	39	118	49	43	97
1556134_a_at	MCF.2 cell line derived transforming sequence-like 2	MCF2L2	26	32	105	97	84	144
217678_at	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11	SLC7A11	1093	1513	4181	2631	2498	3829
227210_at	Scrn-like with four mbt domains 2	SFMBT2	184	204	611	1023	983	1076
1569203_at	chemokine (C-X-C motif) ligand 2	CXCL2	31	28	109	284	219	295
235359_at	ELLP3030	UNQ3030	89	86	283	46	58	191
202340_x_at	nuclear receptor subfamily 4, group A, member 1	NR4A1	343	195	599	620	507	754
226181_at	tubulin, epsilon 1	TUBE1	20	23	76	51	54	79
212855_at	KIAA0276 protein	KIAA0276	31	25	69	19	21	46
224496_s_at	hypothetical protein MGC10744	MGC10744	12	12	30	87	88	98
203394_s_at	hair and enhancer of split 1, (Drosophila)	HES1	49	48	167	195	148	212
205463_s_at	Platelet-derived growth factor alpha polypeptide	PDGFA	40	40	149	34	43	102
212500_at	chromosome 10 open reading frame 22	C10orf22	110	113	366	113	111	225
1553785_at	RasGEF domain family, member 1B	RASGEF1B	152	153	490	349	382	739
226663_at	Homo sapiens, clone IMAGE:4822875, mRNA		211	215	742	244	242	650

Figure 23-16

201810_s_at	SH3-domain binding protein 5 (BTK-associated)	365	358	1165	386	420	916
216336_x_at		252	268	926	395	465	869
1553042_a_at	T-cell activation NFKB-like protein	163	202	672	742	849	1216
226025_at	ankyrin repeat domain 28	490	568	1704	653	765	1662
214438_at	H2.O-like homeo box 1 (Drosophila)	302	230	760	510	478	491
226397_s_at		976	941	2668	2027	1829	3103
231972_at	Full length insert cDNA clone ZE08A03	476	458	1431	925	894	1693
227985_at		19	22	58	343	336	413
1560396_at	Kelch-like 6 (Drosophila)	80	70	211	71	81	179
204614_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2	2546	2519	6446	10287	10141	9968
238825_at	acidic repeat containing	48	49	148	106	96	197
201660_at	acyl-CoA synthetase long-chain family member 3	136	128	438	159	167	352
201464_x_at	v-jun sarcoma virus 17 oncogene homolog (avian)	298	300	981	699	730	1388
236213_at	Nuclear factor (erythroid-derived 2)-like 2	39	40	120	379	358	340
201435_s_at	eukaryotic translation initiation factor 4E	1147	1380	3901	2984	2879	4140
1553470_at	hypothetical protein FLJ40457	15	21	64	34	31	71
221035_s_at	testis expressed sequence 14	10	12	39	110	92	162
216908_x_at	similar to RNA polymerase I transcription factor RRN3	131	167	555	257	282	698
218311_at	mitogen-activated protein kinase kinase kinase 3	199	243	735	204	241	547
242329_at	hypothetical LOC401317	19	25	75	66	62	95
235711_at	purine-rich element binding protein B	134	147	466	369	364	519
203068_at	kelch-like 21 (Drosophila)	358	351	1086	708	729	2362

Figure 23-17

205193_at	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	433	390	1171	1798	1665	2790
222874_s_at	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	311	366	1139	234	275	912
219821_s_at	glucose-fructose oxidoreductase domain containing 1	GFOD1	165	164	476	175	192	388
200924_s_at	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	SLC3A2	807	856	2562	1460	1370	2792
210151_s_at	dual-specificity tyrosine-(Y)- phosphorylation regulated kinase 3	DYRK3	39	26	68	76	74	144
1554660_a_at	hypothetical protein FLJ32001	FLJ32001	30	20	57	24	25	42
222957_at	sialidase 4	NEU4	52	57	140	150	124	160
235094_at	Tropomyosin 4	TPM4	93	70	224	160	143	252
208038_at	interleukin 1 receptor-like 2	IL1RL2	32	36	106	49	56	75
212803_at	NGFI-A binding protein 2 (EGR1 binding protein 2)	NAB2	234	244	682	361	352	534
230101_at	ADP-ribosylation factor-like 8	ARL8	30	21	63	144	126	126
242727_at	solute carrier family 2 (facilitated glucose transporter), member 3	SLC2A3	69	55	173	759	771	734
216236_s_at	prokineticin 2	PROK2	1160	1184	3697	2805	2684	4019
232629_at	Transcribed locus	C2orf26	29	27	68	27	31	68
231312_at	chromosome 2 open reading frame 26	C2orf26	162	150	429	551	536	709
227034_at	chromosome 10 open reading frame 22	C10orf22	125	166	648	143	142	544
212502_at	T-cell activation kelch repeat protein	TA-KRP	280	266	810	300	321	573
239835_at	interleukin 1 receptor, type I	IL1R1	652	536	1582	902	853	1463
215561_s_at	SLAM family member 7	SLAMF7	77	86	255	138	145	241
219159_s_at	SLAM family member 7	SLAMF7	324	362	1079	1991	2110	2105
234306_s_at	SLAM family member 7	SLAMF7	151	172	509	905	968	919
206532_at			32	47	140	51	53	129

Figure 23-18

213825_at	oligodendrocyte lineage transcription factor 2	OLIG2	300	369	1126	58	107	510
210524_x_at	Neutral sphingomyelinase (N-SMase) activation associated factor	NSMAF	237	258	795	184	213	578
232148_at			87	83	262	203	196	567
1561890_at	chromosome 10 open reading frame 128	C10orf128	44	49	157	35	42	114
210665_at	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	TFPI	28	24	68	58	58	86
217998_at	pleckstrin homology-like domain, family A, member 1	PHLDA1	205	208	610	402	393	633
217911_s_at	BCL2-associated athanogene 3	BAG3	375	370	1098	501	487	1064
212185_x_at	SH3 multiple domains 2	SH3MD2	2434	2703	7864	3346	3817	7385
225589_at			51	54	154	59	66	103
214183_s_at			60	66	185	93	97	160
231817_at			37	33	93	55	67	73
222747_s_at			61	53	157	114	124	193
220483_s_at	sex comb on midleg-like 1 (Drosophila)	SCML1	62	60	183	66	91	139
207016_s_at	ring finger protein 19	RNF19	98	91	235	82	94	119
216056_at	aldehyde dehydrogenase 1 family, member A2	ALDH1A2	47	54	172	234	234	297
201044_x_at	CD44 antigen (homing function and Indian blood group system)	CD44	402	487	1482	1764	1885	3327
230511_at	dual specificity phosphatase 1	DUSP1	318	290	869	840	690	926
200841_s_at	cAMP responsive element modulator	CREM	33	37	115	53	57	92
209098_s_at	glutamyl-prolyl-tRNA synthetase	EPRS	103	110	295	393	377	468
227260_at	jagged 1 (Alagille syndrome)	JAG1	89	98	317	122	138	307
218451_at	Ankyrin repeat domain 10	ANKRD10	43	38	106	42	45	60
206267_s_at	CUB domain-containing protein 1	CDCP1	46	47	151	53	58	116
202498_s_at	megakaryocyte-associated tyrosine kinase	MATK	505	587	1745	1211	1182	1813
	solute carrier family 2 (facilitated glucose transporter), member 3	SLC2A3						

Figure 23-19

239794_at	Isoleucine-tRNA synthetase	IARS	28	24	73	38	50	100
201325_s_at	epithelial membrane protein 1	EMP1	1049	1146	3269	1109	1238	2437
208693_s_at	glycyl-tRNA synthetase	GARS	757	906	2669	1321	1408	2613
201690_s_at	tumor protein D52	TPD52	16	8	21	111	100	87
212657_s_at	interleukin 1 receptor antagonist	IL1RN	6156	6230	15983	17549	16765	17077
236232_at	Homo sapiens, clone IMAGE:555626, mRNA		68	52	150	65	60	128
223441_at	solute carrier family 17 (anion/sugar transporter), member 5	SLC17A5	208	205	599	131	166	309
225612_s_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	B3GNT5	2116	2042	5852	3972	4028	5956
232431_at	Nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	23	16	39	39	44	84
221893_s_at	aarF domain containing kinase 2	ADCK2	93	89	261	61	70	219
216268_s_at	jagged 1 (Alagille syndrome)	JAG1	469	413	1109	1470	1411	1566
231183_s_at	Kruppel-like factor 10	KLF10	162	146	379	461	460	554
202393_s_at	likely ortholog of mouse limb-bud and heart gene	LBH	1190	1137	3358	2241	2295	3930
221011_s_at	DnaJ (Hsp40) homolog, subfamily B, member 4	DNAJB4	42	36	106	56	56	101
203610_at	kelch-like 6 (Drosophila)	KLHL6	147	126	377	899	824	760
1555275_a_at	phorbol-12-myristate-13-acetate-induced protein 1	PMAIP1	53	55	158	58	59	126
204285_s_at	microphthalmia-associated transcription factor	MITF	277	247	713	4224	4031	2796
226066_at	eukaryotic translation initiation factor 4E	EIF4E	144	156	421	268	281	335
201437_s_at	cAMP responsive element modulator	CREM	441	437	1180	1058	1046	1167
214508_x_at	hypothetical protein from EUROMAGE 588495	LOC58489	876	949	2556	2409	1919	2461
225436_at	RAB guanine nucleotide exchange factor (GEF) 1	RABGEF1	190	247	614	275	244	382
218310_at			587	635	1796	1088	1064	1908

Figure 23-20

238568_s_at 223278_at	Niemann-Pick disease, type C1 gap junction protein, beta 2, 26kDa (connexin 26)	NPC1 GJB2	41 214	40 183	114 401	38 1867	37 1527	102 1497
211434_s_at	chemokine (C-C motif) receptor-like 2	CCR12	1512	1589	4495	7074	6515	8566
202923_s_at	glutamate-cysteine ligase, catalytic subunit	GCLC	276	312	997	270	314	671
214446_at	elongation factor, RNA polymerase II, 2	ELL2	245	259	697	980	884	999
226837_at	sprouty-related, EVH1 domain containing 1	SPRED1	25	27	78	50	60	69
207332_s_at 226833_at 223533_at	transferrin receptor (p90, CD71) hypothetical protein FLJ32499 factor for adipocyte differentiation 158	TFR3 FLJ32499 FAD158	467 167 256	577 185 298	1655 496 785	1477 1040 1016	1512 921 1007	2365 1261 1279
214212_x_at	pleckstrin homology domain containing, family C (with FERM domain) member 1	PLEKHC1	22	19	47	36	32	64
208691_at 202912_at 202497_x_at	adrenomedullin solute carrier family 2 (facilitated glucose transporter), member 3	ADM SLC2A3	673 1298 1707	664 1248 1752	1930 3584 4847	1704 5100 4053	1769 5072 3966	2526 5060 5267
216370_s_at 209924_at	transketolase-like 1 chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)	TKTL1 CCL18	36 37	41 34	112 95	62 160	56 162	83 179
220009_at 206522_at	ring finger protein 127 maltase-glucoamylase (alpha- glucosidase)	RNF127 MGAM	196 83	218 103	615 270	152 247	147 218	452 283
213281_at 39248_at 244600_at	aquaporin 3 Transcribed locus, moderately similar to XP_498452.1 hypothetical gene supported by NM_173697 [Homo sapiens]	AQP3	86 42 12	72 31 15	210 87 38	132 42 50	154 45 50	250 72 110

Figure 23-21

217507_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	SLC11A1	199	234	637	272	264	489
222735_at	transmembrane protein 38B	TMEM38B	130	128	352	187	188	373
228559_at	CDNA clone IMAGE:6043059, partial cds		32	29	88	31	30	49
223723_at	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5	MF12	119	123	340	132	141	249
1564746_at	hypothetical protein BC009732	LOC133308	32	37	95	93	77	161
242853_at	Hypothetical gene supported by AK091527		24	21	55	56	51	85
227124_at	MRNA full length insert cDNA clone EUROIMAGE 966164		264	247	697	211	220	491
224454_at	ethanolamine kinase 1	ETNK1	37	25	62	79	82	97
1558837_a_at	MRNA; cDNA DKFZp667A182 (from clone DKFZp667A182)		105	95	278	161	156	355
208303_s_at	cytokine receptor-like factor 2	CRLF2	51	56	140	155	159	136
234411_x_at	CD44 antigen (homing function and Indian blood group system)	CD44	51	23	66	96	87	89
207978_s_at	nuclear receptor subfamily 4, group A, member 3	NR4A3	459	370	991	1990	1809	2044
44120_at	aarF domain containing kinase 2	ADCK2	114	96	264	69	77	174
218266_s_at	frequenin homolog (Drosophila)	FREQ	57	78	158	95	79	115
232579_at	KIAA1718 protein	KIAA1718	94	99	265	539	453	853
206566_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	SLC7A1	31	33	87	58	60	100
207768_at	early growth response 4	EGR4	33	18	42	115	97	112
231925_at	CDNA: FLJ23006 fls, clone LNG00414		41	46	118	117	121	150
209286_at	CDC42 effector protein (Rho GTPase binding) 3	CDC42EP3	681	757	2070	908	931	2293
226390_at	START domain containing 4, sterol regulated	STARD4	331	320	938	1557	1486	1305

Figure 23-22

203269_at	neutral sphingomyelinase (N-SMase) activation associated factor	NSMAF	2542	2452	6610	5851	5765	8009
231292_at	similar to mouse 1700027M21Rik gene	LOC493861	22	23	65	47	48	86
219031_s_at			82	95	261	129	190	236
202087_s_at	cathepsin L	CTSL	2269	2489	6640	3537	3746	6738
216598_s_at	chemokine (C-C motif) ligand 2	CCL2	4306	3886	10367	9392	9695	9223
211924_s_at	plasminogen activator, urokinase receptor	PLAUR	3500	3067	8352	15845	13959	14607
238756_at	Growth arrest-specific 2 like 3	GAS2L3	190	198	519	216	222	436
223163_s_at	zinc finger, C3HC type 1	ZC3HC1	105	125	349	106	118	293
239818_x_at			36	44	119	45	49	92
209099_x_at	jagged 1 (Alagille syndrome)	JAG1	686	669	1616	2102	2076	2532
215910_s_at	fibronectin type III domain containing 3A	FNDC3A	140	195	531	220	237	455
202499_s_at	solute carrier family 2 (facilitated glucose transporter), member 3	SLC2A3	1521	1332	3588	2282	2319	3477
229900_at	CD109 antigen (Gov platelet alloantigens)	CD109	257	294	759	342	387	646
1559060_a_at	KIAA1961 gene	KIAA1961	123	119	309	171	175	346
1553736_at	hypothetical protein MGC23401	MGC23401	19	17	38	45	52	57
204794_at	dual specificity phosphatase 2	DUSP2	655	435	1161	3550	3203	2413
1555629_at	hepatitis A virus cellular receptor 2	HAVCR2	26	29	73	17	14	72
241215_at	Transcribed locus		32	31	76	28	38	67
222838_at	SLAM family member 7	SLAMF7	779	891	2350	3844	3705	3852
236439_at	Hypothetical LOC389185		38	20	46	87	96	97
202284_s_at	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	CDKN1A	1903	1680	4494	4123	3998	5377
235407_at	Hypothetical LOC402538		927	811	2041	1216	1181	2412
218332_at	brain expressed, X-linked 1	BEX1	79	66	187	105	105	171
1559585_at	Hypothetical protein FLJ31033	FLJ31033	39	35	92	108	121	156
218647_s_at	ischemia/reperfusion inducible protein	YRDC	246	233	600	1355	1376	1149
220892_s_at	phosphoserine aminotransferase 1	PSAT1	27	27	60	24	36	46

Figure 23-23

241773_at	Endothelial differentiation, lysophosphatidic acid G-protein- coupled receptor, 2	EDG2	29	27	79	49	54	86
223397_s_at	comparative gene identification transcript 37	CGI-37	77	69	179	119	145	171
204242_s_at	acyl-Coenzyme A oxidase 3, pristanoyl	ACOX3	23	18	39	38	33	65
220322_at	interleukin 1 family, member 9	IL1F9	27	23	64	845	791	544
209803_s_at	pleckstrin homology-like domain, family A, member 2	PHLDA2	350	312	873	1513	1659	1560
202304_at	fibronectin type III domain containing 3A	FNDC3A	778	997	2549	1251	1293	2300
227613_at	Zinc finger protein 331	ZNF331	107	104	261	131	107	189
219232_s_at	egl nine homolog 3 (C. elegans)	EGLN3	23	22	59	65	54	86
201324_at	epithelial membrane protein 1	EMP1	2034	2165	5586	1923	2252	4113
221041_s_at	solute carrier family 17 (anion/sugar transporter), member 5	SLC17A5	112	105	273	68	77	158
202823_at	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	NFATC1	138	131	353	237	265	298
210162_s_at			180	187	508	517	562	808
214229_at	dynamin, axonemal, heavy polypeptide 17	DNAH17	93	95	236	143	131	221
232080_at	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2	HECW2	36	44	113	139	124	180
219340_s_at	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	278	283	744	173	202	555
202241_at	tribbles homolog 1 (Drosophila)	TRIB1	1344	1322	3392	1511	1403	2785
224835_at	hypothetical protein KIAA1434	KIAA1434	916	939	2416	852	932	2159
47553_at	deafness, autosomal recessive 31	DFNB31	32	34	84	28	25	62
221524_s_at	Ras-related GTP binding D	RRAGD	417	447	1144	385	458	975
212614_at	AT rich interactive domain 5B (MRF1-like)	ARID5B	362	355	916	793	660	903

Figure 23-24

204470_at	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	CXCL1	392	376	1077	7697	7136	3200
201266_at	thioredoxin reductase 1	TXNRD1	2567	2852	7288	4253	4691	6868
207574_s_at	growth arrest and DNA-damage- inducible, beta	GADD45B	669	601	1570	2877	2684	2683
229452_at	similar to RIKEN cDNA 2600017H02	LOC92162	78	82	200	324	298	312
242550_at	Eukaryotic translation initiation factor EIF3S9 3, subunit 9 eta, 116kDa	EIF3S9	25	24	54	41	52	65
1555982_at			257	335	857	415	461	861
230233_at	RasGEF domain family, member 1B	RASGEF1B	1968	1831	4689	3637	3733	4690
209305_s_at	growth arrest and DNA-damage- inducible, beta	GADD45B	303	341	931	1661	1586	1657
212948_at	calmodulin binding transcription activator 2	CAMTA2	91	89	241	112	112	353
227718_at	purine-rich element binding protein B	PURB	293	338	866	673	623	906
238633_at	Enhancer of polycomb homolog 1 (Drosophila)	EPC1	121	123	323	309	303	411
1560007_at	Hypothetical protein LOC220929	LOC220929	35	31	78	43	37	69
207630_s_at	cAMP responsive element modulator	CREM	1186	1358	3397	3220	2666	3225
1569020_at	neural precursor cell expressed, developmentally down-regulated 9	NEDD9	104	96	243	87	87	189
204103_at	chemokine (C-C motif) ligand 4	CCL4	6556	5928	14076	19545	19326	18241
228928_x_at	BTG3 associated nuclear protein	BANP	441	479	1283	672	646	1680
221704_s_at	hypothetical protein FLJ12750	FLJ12750	568	577	1375	739	635	1213
222088_s_at	solute carrier family 2 (facilitated glucose transporter), member 3	SLC2A3	1113	1152	2949	1892	1833	2846
227180_at	ELOVL family member 7, elongation of long chain fatty acids (yeast)	ELOVL7	250	301	688	1241	1233	1294
225609_at	glutathione reductase	GSR	69	72	194	91	95	132
212565_at			531	498	1190	782	798	1022

Figure 23-25

203651_at	Zinc finger, FYVE domain containing ZFYVE16	853	822	2052	1269	1326	2178
226936_at	CDNA clone IMAGE:4452583, partial cds	103	117	284	187	184	242
225557_at	AXIN1 up-regulated 1	408	322	809	1359	1242	1274
209005_at	F-box and leucine-rich repeat protein FBXL5	226	189	484	166	177	388
205770_at	glutathione reductase	59	68	181	94	95	156
202600_s_at	nuclear receptor interacting protein 1 NRIP1	135	119	325	183	195	282
210845_s_at	plasma/ogen activator, urokinase receptor	4443	3804	9503	16643	14991	15603
201279_s_at	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	269	347	888	140	163	533
209681_at	solute carrier family 19 (thiamine transporter), member 2	74	69	170	132	127	256
1563745_a_at	hypothetical protein LOC283050	73	69	172	79	80	162
212764_at	transcription factor 8 (represses interleukin 2 expression)	44	51	135	67	69	117
225212_at	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25	71	56	133	63	62	107
233952_s_at	zinc finger protein 295	200	201	506	267	259	458
221523_s_at	Ras-related GTP binding D	279	310	784	303	338	654
211506_s_at	interleukin 8	6186	6376	14890	20136	19906	18981
204896_s_at	prostaglandin E receptor 4 (subtype EP4)	78	67	149	231	309	301
226201_at	DOT1-like, histone H3 methyltransferase (S. cerevisiae)	196	205	485	396	410	567
201263_at	threonyl-tRNA synthetase	933	1132	2585	2064	2125	2615
205271_s_at	cell cycle related kinase	29	31	78	34	37	64
229972_at	elongation factor, RNA polymerase II, 2	31	32	72	59	49	72
226099_at	tribbles homolog 3 (Drosophila)	670	675	1641	2238	2155	2059
218145_at	tribbles homolog 3 (Drosophila)	177	117	303	381	342	454

Figure 23-26

209191_at	tubulin, beta 6	TUBB6	510	648	1523	1131	1170	1510
219334_s_at	hypothetical protein FLJ22833	FLJ22833	78	73	182	127	140	171
208926_at	slialidase 1 (lysosomal slialidase)	NEU1	321	328	829	335	365	740
223241_at	sorting nexin 8	SNX8	130	134	332	126	127	267
238587_at	Cbl-interacting protein Sts-1	STS-1	64	78	179	66	68	117
222173_s_at	TBC1 domain family, member 2	TBC1D2	129	138	327	77	67	196
212698_s_at	septin 10	10-Sep	61	66	162	68	84	166
1562208_a_at	Solute carrier family 41, member 2	SLC41A2	29	26	68	47	53	75
221904_at	hypothetical protein MGC21688	MGC21688	198	208	520	251	266	501
230052_s_at	T-cell activation NFKB-like protein	TA-NFKBH	517	563	1361	1310	1440	1872
206337_at	chemokine (C-C motif) receptor 7	CCR7	123	124	282	854	849	856
238729_x_at	Spastic paraplegia 3A (autosomal dominant)	SPG3A	38	42	101	358	362	351
218772_x_at	transmembrane protein 38B	TMEM38B	132	146	367	164	198	348
224043_s_at	ureidopropionase, beta	UPB1	21	23	40	89	95	76
208893_s_at	dual specificity phosphatase 6	DUSP6	2151	2403	5531	4375	4823	6793
209967_s_at	cAMP responsive element modulator	CREM	1343	1202	2824	2763	2300	2612
218839_at	hairy/enhancer-of-split related with YRPW motif 1	HEY1	219	263	561	1399	1253	1286
203530_s_at	syntaxin 4A (placental)	STX4A	505	605	1464	752	706	1297
201811_x_at	SH3-domain binding protein 5 (BTK-associated)	SH3BP5	1180	1286	3064	1211	1294	2505
213474_at	Potassium channel tetramerisation domain containing 7	KCTD7	64	64	161	37	47	109
209287_s_at	CDC42 effector protein (Rho GTPase binding) 3	CDC42EP3	469	571	1353	686	770	1698
239719_at	CD109 antigen (Gov platelet alloantigens)	CD109	95	108	258	116	129	226
219966_x_at	BTG3 associated nuclear protein	BANP	484	501	1298	723	722	1759
218237_s_at	solute carrier family 38, member 1	SLC38A1	133	121	291	121	136	256
1558732_at	Rho-related BTB domain containing 3	RHOBTB3	36	25	63	58	46	82
202975_s_at	tropomyosin 3	TPM3, TPM4	9	23	54	20	31	68
1567107_s_at			273	316	756	615	584	664

Figure 23-27

227554_at	Hypothetical LOC402560	30	33	77	69	71	99
219631_at	low density lipoprotein-related protein 12	71	86	207	244	260	324
225842_at	CDNA clone IMAGE:4514712, partial cds	518	539	1170	947	904	1133
230492_s_at	hypothetical protein KIAA1434	631	737	1756	691	721	1657
241342_at	hypothetical protein BC017881	150	138	349	100	122	235
204970_s_at	v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian)	568	491	1199	1021	1013	1601
207233_s_at	microphthalmia-associated transcription factor	80	86	204	145	169	179
225799_at	hypothetical protein MGC4677	3138	3543	8171	4237	4356	6963
227044_at	Full-length cDNA clone CSODI009YA14 of Placenta Cot 25-normalized of Homo sapiens (human)	60	59	142	143	141	210
209882_at	Ras-like without CAAX 1	788	862	2058	1652	1603	2573
209344_at	tropomyosin 4	564	645	1490	1276	1275	1357
225685_at	CDC42 effector protein (Rho GTPase binding) 3	1108	1211	2907	1384	1523	3337
210662_at	kynureninase (L-kynurenine hydrolase)	200	156	360	550	473	552
224367_at	brain expressed X-linked 2	28	26	61	33	37	52
218723_s_at	response gene to complement 32	2370	2327	5660	5117	5132	6494
224480_s_at	hypothetical protein MGC11324	610	629	1521	509	569	903
206917_at	guanine nucleotide binding protein (G protein), alpha 13	343	366	896	320	326	554
203811_s_at	DnaJ (Hsp40) homolog, subfamily B, DNAJB4 member 4	121	114	277	591	548	489
202922_at	glutamate-cysteine ligase, catalytic subunit	198	218	557	198	210	407
227099_s_at	hypothetical LOC387763	143	109	253	1307	1079	1496
1558517_s_at	CDNA FLJ37485 fis, clone BRAWH2014379	58	58	137	177	186	202

Figure 23-28

224827_at	Dendritic cell-derived ubiquitin-like protein	DC-Ubp	325	353	852	842	840	1519
209288_s_at	CDC42 effector protein (Rho GTPase binding) 3	CDC42EP3	994	1105	2608	1353	1494	3108
210757_x_at	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	DAB2	286	335	821	177	192	514
224859_at	B7 homolog 3	B7H3	51	37	77	57	53	68
213824_at	oligodendrocyte lineage transcription factor 2	OLIG2	29	34	74	16	22	34
203470_s_at	pleckstrin	PLEK	2312	2282	5028	9234	8780	9331
235592_at	Elongation factor, RNA polymerase II, 2	ELL2	30	26	61	70	73	90
226345_at	ADP-ribosylation factor-like 8	ARL8	464	430	997	3706	3719	3446
236937_at	KIAA0804 protein	KIAA0804	38	34	83	65	74	87
44783_s_at	hair/enhancer-of-split related with YRPW motif 1	HEY1	579	543	1078	2517	2271	2245
1557418_at	Acyl-CoA synthetase long-chain family member 4	ACSL4	51	46	118	108	97	133
241661_at	jumonji domain containing 1C	JMJD1C	80	80	199	98	90	163
1560397_s_at	kelch-like 6 (Drosophila)	KLHL6	86	104	242	81	97	180
235102_x_at	GRB2-related adaptor protein-like	LOC400581	44	49	113	670	620	744
210139_s_at	peripheral myelin protein 22	PMP22	388	391	897	382	375	639
223912_s_at	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	165	170	400	105	118	332
209674_at	cryptochrome 1 (photolyase-like)	CRY1	220	237	553	336	340	552
219228_at	zinc finger protein 331	ZNF331	118	113	259	127	121	165
233085_s_at	hypothetical protein FLJ22833	FLJ22833	413	402	960	695	680	898
224917_at	likely ortholog of rat vacuole membrane protein 1	VMP1	337	328	774	494	468	964
228285_at	tudor domain containing 9	TDRD9	30	28	67	28	29	59
1563469_at	AT rich interactive domain 5B (MRF1-like)	ARID5B	30	25	54	40	46	57
231199_at	Mak3 homolog (S. cerevisiae)	MAK3	35	28	69	26	26	61

Figure 23-29

202382_s_at	glucosamine-6-phosphate deaminase 1	GNPDA1	367	348	801	365	377	879
226545_at	CD109 antigen (Gov platelet alloantigens)	CD109	697	819	1765	783	836	1458
228274_at	serine dehydratase-like	SDSL	94	106	239	66	62	152
227571_at	CDNA FLJ35556 fis, clone SPLEN2004844		108	124	237	489	497	484
222068_s_at	similar to RIKEN cDNA 4930457P18	LOC123872	344	383	723	5792	4864	3547
242255_at	Isopentenyl-diphosphate delta isomerase	IDI1	24	19	45	47	46	54
239908_at	Breast cancer anti-estrogen resistance 3	BCAR3	43	48	123	69	66	120
228580_at	HtrA serine peptidase 3	HTRA3	48	39	105	54	59	103
1557419_a_at	Acyl-CoA synthetase long-chain family member 4	ACSL4	24	29	67	61	57	71
1564121_at	CDNA: FLJ23135 fis, clone LNG08666		94	109	240	109	118	176
200733_s_at	protein tyrosine phosphatase type IVA, member 1	PTP4A1	427	355	836	1072	1127	1016
1555847_a_at	hypothetical protein LOC284454	LOC284454	1024	920	2089	1029	1064	2103
204104_at	small nuclear RNA activating complex, polypeptide 2, 45kDa	SNAPC2	37	35	69	35	32	38
1555628_a_at	hepatitis A virus cellular receptor 2	HAVCR2	809	1064	2407	563	629	1630
237464_at	HLAT1-3TM	IMAA	59	65	148	94	86	143
228702_at	hypothetical protein FLJ43663	FLJ43663	349	359	844	531	553	939
206536_s_at	baculoviral IAP repeat-containing 4	BIRC4	50	52	117	81	90	131
207121_s_at	mitogen-activated protein kinase 6	MAPK6	1982	2062	4591	4155	4280	5863
229491_at	hypothetical protein BC009732	LOC133308	47	57	127	103	95	173
202014_at	protein phosphatase 1, regulatory (inhibitor) subunit 15A	PPP1R15A	2796	3009	6502	11638	10973	12352
207791_s_at	RAB1A, member RAS oncogene family	RAB1A	1140	1216	2768	2024	2020	2580
1553153_at	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d isoform 2	ATP6V0D2	56	45	106	56	66	99

Figure 23-30

223196_s_at	sestrin 2	221	222	520	392	365	656
1553155_x_at	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d isoform 2	30	31	67	48	52	72
236198_at	Transcribed locus	94	103	226	421	435	622
204715_at	pannexin 1	184	177	392	287	263	376
1556067_a_at	jumonji domain containing 3	321	354	810	1303	1154	1514
239439_at	ALL1 fused gene from 5q31	32	40	95	59	62	95
230620_at	Transcribed locus	79	79	178	95	93	153
1558305_at	Trinucleotide repeat containing 15	95	100	228	163	173	223
204241_at	acyl-Coenzyme A oxidase 3, pristanoyl	31	28	63	50	45	84
228167_at	kelch-like 6 (Drosophila)	263	284	636	279	295	522
201846_s_at	RING1 and YY1 binding protein	374	357	818	905	948	1306
201625_s_at	insulin induced gene 1	1398	1662	3715	2809	2777	3585
201430_s_at	dihydropyrimidinase-like 3	43	54	118	65	64	146
220254_at	low density lipoprotein-related protein 12	22	25	57	87	106	121
202776_at	estrogen receptor binding protein	1750	1797	3896	3020	2858	3767
1555976_s_at	LOC440476	42	41	84	68	67	78
233186_s_at	BTG3 associated nuclear protein	310	332	793	450	420	978
219449_s_at	hypothetical protein FLJ20533	1278	1421	3090	975	1020	2116
45288_at	abhydrolase domain containing 6	209	219	479	207	200	295
220253_s_at	low density lipoprotein-related protein 12	36	39	91	123	167	152
1559204_x_at	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	33	27	65	80	87	100
217523_at	CD44 antigen (homing function and Indian blood group system)	374	361	826	1210	1194	1372
214657_s_at	Trophoblast-derived noncoding RNA	111	89	212	152	127	196
222872_x_at	hypothetical protein FLJ22833	970	970	2246	1705	1499	2223
1555780_a_at	Ras homolog enriched in brain	621	672	1534	1175	1215	1607
207351_s_at	SH2 domain protein 2A	28	36	72	57	52	64
201451_x_at	Ras homolog enriched in brain	29	35	66	47	61	77
216407_at	Vac14 homolog (S. cerevisiae)	26	26	56	32	37	56

Figure 23-31

200951_s_at	cyclin D2	CCND2	59	57	128	71	77	100
224834_at	Dendritic cell-derived ubiquitin-like protein	DC-Ubp	380	435	999	1067	1018	1712
217119_s_at	chemokine (C-X-C motif) receptor 3	CXCR3	32	29	62	45	37	73
209004_s_at	F-box and leucine-rich repeat protein 5	FBXL5	872	854	1883	753	774	1642
1556066_at	jumonji domain containing 3	JMJD3	282	310	694	1052	955	1244
1555868_at	CD44 antigen (homing function and Indian blood group system)	CD44	55	51	118	155	154	160
229061_s_at	solute carrier family 25, member 13 (citrin)	SLC25A13	58	59	134	95	101	169
202599_s_at	nuclear receptor interacting protein 1	NRIP1	602	577	1345	799	841	1205
232806_s_at	hypothetical protein MGC21688	MGC21688	30	27	57	25	28	56
219199_at	ALL1 fused gene from 5q31	AF5Q31	62	57	127	93	87	153
213404_s_at	Ras homolog enriched in brain	RHEB	936	896	2000	1629	1763	2082
1554018_at	glycoprotein (transmembrane) nmb	GPNMB	51	53	117	34	39	69
226650_at	hypothetical protein LOC90637	LOC90637	284	277	611	391	376	634
228193_s_at			276	281	647	459	528	709
243579_at	musashi homolog 2 (Drosophila)	MSI2	51	49	102	58	58	74
210365_at	runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene)	RUNX1	40	35	75	55	55	76
235490_at	hypothetical protein MGC10744	MGC10744	17	10	18	68	64	75
1554285_at	hepatitis A virus cellular receptor 2	HAVCR2	1498	1892	4084	1234	1429	3121
205681_at	BCL2-related protein A1	BCL2A1	3102	2982	6349	11867	11045	9821
204032_at	breast cancer anti-estrogen resistance 3	BCAR3	178	204	442	185	201	344
207455_at	purinergic receptor P2Y, G-protein coupled, 1	P2RY1	48	51	111	98	99	129
219954_s_at	glucosidase, beta, acid 3 (cytosolic)	GBA3	15	16	36	44	42	71
1556545_at	CDNA FLJ32379 fis, clone SKMUS1000030		36	44	117	324	229	406

Figure 23-32

203395_s_at	hairly and enhancer of split 1, (Drosophila)	HES1	44	38	81	132	118	135
224933_s_at	jumonji domain containing 1C	JMJD1C	356	354	793	365	370	723
227195_at	zinc finger protein 503	ZNF503	129	89	200	58	60	64
202887_s_at	DNA-damage-inducible transcript 4	DDIT4	1942	1816	4025	7082	6789	6798
238524_at	Choline/ethanolamine phosphotransferase 1	CEPT1	33	30	66	49	49	62
203957_at	E2F transcription factor 6	E2F6	174	201	433	216	237	381
236836_at	Tubulin-specific chaperone a	TBCA	45	38	85	66	77	115
230175_s_at	protein tyrosine phosphatase type IVA, member 1	PTP4A1	111	102	222	107	106	240
200730_s_at	jumonji domain containing 1C	JMJD1C	288	313	711	792	849	1089
221763_at	KIAA0669 gene product	KIAA0669	555	540	1183	661	662	1185
210954_s_at	epithelial protein lost in neoplasm beta	EPLIN	81	83	184	192	199	277
217892_s_at	cyclin A1	CCNA1	50	39	74	88	99	75
205899_at	enolase superfamily member 1	ENOSF1	28	31	69	52	58	79
204143_s_at	basic helix-loop-helix domain containing, class B, 2	BHLHB2	36	42	89	45	58	74
201169_s_at	CD83 antigen (activated B lymphocytes, immunoglobulin superfamily)	CD83	208	256	570	373	374	860
204440_at	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl/galactosaminyltransferase 6 (GalNAc-T6)	GALNT6	4195	3427	7075	11307	10359	10348
219956_at	chromosome 10 open reading frame 128	C10orf128	124	95	210	105	93	152
228372_at	GA binding protein transcription factor, beta subunit 2, 47kDa	GABPB2	1682	1713	3620	862	896	2352
206173_x_at			104	118	255	262	262	353
240103_at			226	231	487	2688	2701	2413

Figure 23-33

201761_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase	MTHFD2	1432	1492	3160	3106	3027	3714
204181_s_at	zinc finger protein 297B	ZNF297B	286	285	623	345	382	677
213146_at	jumonji domain containing 3	JMJD3	643	781	1684	2668	2492	3164
230380_at	Hypothetical protein DKFZp564I0422	DKFZP564I0422	332	333	683	1172	1018	1014
241592_at	Transcribed locus		21	19	46	236	218	236
205695_at	serine dehydratase	SDS	626	627	1293	197	223	495
224579_at	Solute carrier family 38, member 1	SLC38A1	160	162	340	153	170	268
229395_at	syntaxin 4A (placental)	STX4A	71	53	110	73	67	105
240873_x_at	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	DAB2	23	31	67	22	19	46
228314_at	CDNA FLJ37485 fis, clone BRAWH2014379		170	185	393	419	432	513
234932_s_at	CUB domain-containing protein 1	CDCP1	34	35	82	35	39	52
237215_s_at	transferrin receptor (p90, CD71)	TFR	42	46	105	92	104	126
236606_at	Spastic paraplegia 3A (autosomal dominant)	SPG3A	22	19	40	144	133	139
207316_at	hyaluronan synthase 1	HAS1	48	30	67	384	291	112
221552_at	abhydrolase domain containing 6	ABHD6	225	231	479	226	220	323
216316_x_at	glycerol kinase	GK	379	416	896	1175	1000	1126
243189_at	Nuclear respiratory factor 1	NRF1	28	39	73	58	59	60
227633_at			45	53	110	83	69	137
211535_s_at	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	FGFR1	145	143	303	161	163	249
212481_s_at	tropomyosin 4	TPM4	613	728	1511	1200	1110	1302
244828_x_at	hypothetical protein BC008207	LOC92345	70	69	141	244	231	240
213524_s_at	putative lymphocyte G0/G1 switch gene	G0S2	2042	1766	3427	11195	10472	8394
231894_at	Seryl-tRNA synthetase	SARS	82	84	179	89	91	167

Figure 23-34

202628_s_at	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	SERPINE1	456	537	1260	295	339	1187
37028_at	protein phosphatase 1, regulatory (inhibitor) subunit 15A	PPP1R15A	3650	3662	7383	12287	11339	12620
212930_at	ATPase, Ca++ transporting, plasma membrane 1	ATP2B1	828	833	1715	2282	2325	2335
209240_at	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	OGT	415	436	983	530	484	922
202824_s_at	transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	TCEB1	1188	1227	2604	1841	1830	2356
240421_x_at	Homo sapiens, clone IMAGE:5268630, mRNA		25	19	37	115	122	123
201195_s_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	SLC7A5	2127	2001	4014	5491	5078	5708
226140_s_at	OTU domain containing 1	OTUD1	2401	2177	4351	6048	5529	5970
222145_at	Similar to Group X secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X)		37	37	82	18	24	67
202581_at	heat shock 70kDa protein 1B	HSPA1B	175	183	464	319	322	621
215966_x_at	hypothetical protein KIAA1434	KIAA1434	349	360	752	947	880	875
224826_at	KIAA0276 protein	KIAA0276	2422	2668	5536	2356	2434	5387
212851_at	SPRY domain-containing SOCS box protein SSB-1		50	53	109	40	47	78
219677_at	fer-1-like 3, myoferlin (C. elegans)	FER1L3	46	54	99	116	108	140
211864_s_at	Ras homolog enriched in brain	RHEB	214	270	547	272	308	541
201453_x_at	chemokine (C-C motif) receptor 1	CCR1	2233	2180	4525	3441	3437	4721
205099_s_at			1224	1274	2683	634	692	1638

Figure 23-35

227337_at	low density lipoprotein receptor-related protein binding protein	Lrp2bp	97	101	211	200	183	309
208891_at	dual specificity phosphatase 6	DUSP6	4235	4095	8059	7080	7636	8541
212572_at	serine/threonine kinase 38 like	STK38L	3287	3278	6569	5376	5526	6666
213479_at	neuronal pentraxin II	NPTX2	22	25	51	49	49	69
209959_at	nuclear receptor subfamily 4, group A, member 3	NR4A3	929	670	1361	2635	2198	2645
210118_s_at	interleukin 1, alpha	IL1A	1749	1700	3243	15708	15195	13759
203471_s_at	pleckstrin	PLEK	3478	3434	6869	11596	11172	10970
216902_s_at	RRN3 RNA polymerase I transcription factor homolog (yeast)	RRN3	76	88	188	102	130	151
202066_at	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (Iiprin), alpha 1	PPFIA1	571	584	1231	518	564	1059
226762_at	purine-rich element binding protein B	PURB	146	141	297	265	255	289
221081_s_at	hypothetical protein FLJ22457	FLJ22457	49	52	114	65	61	89
214681_at	glycerol kinase	GK	443	355	737	958	910	886
221020_s_at	mitochondrial folate transporter/carrier	MFTC	338	336	698	536	525	786
243124_at	Similar to BTG3 associated nuclear protein isoform b; BANP homolog; SMAR1 homolog		67	62	136	57	65	149
209339_at	seven in absentia homolog 2 (Drosophila)	SIAH2	280	293	620	1924	1793	1223
224565_at	trophoblast-derived noncoding RNA	TncRNA	851	775	1734	1142	1162	1717
240165_at	Transcribed locus, weakly similar to XP_209041.2 similar to KIAA1503 protein [Homo sapiens]		179	144	336	506	488	731
204340_at	chromosome X open reading frame 12	CXorf12	42	49	99	56	61	83
223143_s_at	chromosome 6 open reading frame 166	C6orf166	129	132	273	150	143	216

Figure 23-36

225550_at	hypothetical protein FLJ32001	FLJ32001	80	71	149	75	69	116
230599_at	Ring finger protein 19	RNF19	38	29	63	40	47	65
236449_at	Cystatin B (stefin B)	CSTB	124	123	243	127	139	193
218220_at	chromosome 12 open reading frame 10	C12orf10	230	187	389	197	180	265
202211_at	ADP-ribosylation factor GTPase activating protein 3	ARFGAP3	1316	1411	2872	2637	2716	3231
208737_at	ATPase, H ⁺ transporting, lysosomal 13kDa, V1 subunit G isoform 1	ATP6V1G1	1803	1945	3984	2151	2295	3329
212290_at	solute carrier family 7 (cationic amino acid transporter, y ⁺ system), member 1	SLC7A1	208	222	446	310	319	485
238760_at	tyrosyl-tRNA synthetase	YARS	41	35	70	63	69	83
223144_s_at	chromosome 6 open reading frame 166	C6orf166	479	436	895	555	553	834
1568126_at	DOT1-like, histone H3 methyltransferase (S. cerevisiae)	DOT1L	88	84	166	120	125	171
231297_at	Transcribed locus		151	149	285	289	272	325
236223_s_at	glycerol kinase	GK	490	513	1074	704	692	1155
241193_at	Prostaglandin E receptor 3 (subtype EP3)	PTGER3	19	18	35	36	46	60
217167_x_at	START domain containing 8	STAR8	448	481	975	1260	1012	1231
213933_at	CCAAT/enhancer binding protein (C/EBP), gamma	CEBPG	19	20	46	38	36	86
206868_at	chromosome 18 open reading frame 19	C18orf19	109	125	256	108	97	190
225527_at	pim-3 oncogene	PIM3	177	184	375	297	292	443
235022_at	6-pyruvoyltetrahydropterin synthase	PTS	206	215	443	384	390	512
224739_at	hypothetical protein LOC255458	LOC255458	1388	1423	2919	6239	5970	6680
209694_at	testis expressed sequence 10	TEX10	94	91	190	209	225	262
1556180_at	nucleoside phosphorylase	NP	106	119	240	180	175	275
218104_at			253	274	574	310	319	797
201695_s_at			3231	3284	6511	3933	4151	5928

Figure 23-37

223800_s_at	LIM and senescent cell antigen-like domains 3	LIMS3	76	77	160	165	154	210
229011_at	Transcribed locus, weakly similar to XP_495846.1 weakly similar to zinc finger protein 195 [Homo sapiens]		71	81	160	75	78	107
222703_s_at	ischemia/reperfusion inducible protein	YRDC	259	314	576	1105	1193	1058
225316_at	hypothetical protein FLJ14490	FLJ14490	148	203	353	914	912	808
1555841_at	similar to RIKEN cDNA 5730528L13 gene	MGC17337	56	71	138	206	201	293
1554661_s_at	hypothetical protein FLJ32001	FLJ32001	57	57	119	65	71	110
243376_at	Transcribed locus		39	42	87	88	96	107
235739_at	Nuclear receptor subfamily 4, group A, member 2	NR4A2	48	39	82	49	47	91
224566_at	trophoblast-derived noncoding RNA	TncRNA	953	1092	2312	1379	1371	2398
227458_at	Programmed cell death 1 ligand 1	PDCD1LG1	87	97	198	1638	1398	693
203234_at	uridine phosphorylase 1	UPP1	1450	1617	3237	2371	2380	3331
213440_at	RAB1A, member RAS oncogene family	RAB1A	480	474	962	613	589	870
1566671_a_at	chromosome 21 open reading frame 124	C21orf124	46	47	87	80	69	116
212292_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	SLC7A1	60	75	146	116	119	177
207387_s_at	glycerol kinase	GK	598	622	1258	1616	1410	1511
201201_at	cystatin B (stefin B)	CSTB	3835	4164	8323	5494	5656	8907
225999_at	KIAA1238 protein	KIAA1238	34	34	62	36	42	48
231697_s_at	sphingosine-1-phosphate phosphatase 2	SGPP2	77	76	164	102	106	192
238567_at	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	DAB2	59	69	125	708	681	453
201280_s_at			72	89	179	34	50	87
223070_at	selenoprotein K	SELK	1261	1142	2336	3931	3481	3688

Figure 23-38

226083_at			434	577	1142	304	343	784
220924_s_at	solute carrier family 38, member 2	SLC38A2	2291	2524	5074	4166	4105	6522
203520_s_at	zinc finger protein 318	ZNF318	51	55	100	24	29	61
225539_at	zinc finger protein 295	ZNF295	150	148	302	157	156	257
200692_s_at	heat shock 70kDa protein 9B (mortalin-2)	HSPA9B	559	653	1324	827	862	1265
208078_s_at	SNF1-like kinase	SNF1LK	218	182	335	231	213	293
235745_at	endoplasmic reticulum to nucleus signalling 1	ERN1	300	291	552	655	647	1007
242370_at	hypothetical protein FLJ13105	FLJ13105	30	31	62	64	65	92
203725_at	growth arrest and DNA-damage-inducible, alpha	GADD45A	71	64	133	630	638	540
224829_at	cytoplasmic polyadenylation element binding protein 4	CPEB4	325	270	547	519	572	718
218041_x_at	solute carrier family 38, member 2	SLC38A2	2411	2546	5106	4449	4401	6427
221841_s_at	Kruppel-like factor 4 (gut)	KLF4	521	488	1000	610	605	836
204180_s_at	zinc finger protein 297B	ZNF297B	179	192	383	214	231	426
201844_s_at	RING1 and YY1 binding protein	RYBP	856	804	1664	1874	1910	2502
212295_s_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	SLC7A1	992	1063	2063	1338	1437	2111
218546_at	hypothetical protein FLJ14146	FLJ14146	22	25	47	30	25	54
205204_at	neuromedin B	NMB	141	161	341	151	175	491
204038_s_at	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2	EDG2	70	66	135	99	108	133
201278_at	Disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	DAB2	225	273	548	92	106	259
238389_s_at	zinc finger, FYVE domain containing 16	ZFYVE16	153	157	312	374	391	432
1554638_at	serine/threonine kinase 17a (apoptosis-inducing)	STK17A	45	43	96	54	49	114
202693_s_at	tumor necrosis factor receptor superfamily, member 12A	TNFRSF12A	280	284	572	637	633	577
218368_s_at			199	179	336	71	73	161

Figure 23-39

203646_at	ferredoxin 1	FDX1	166	161	345	274	287	319
214437_s_at	serine hydroxymethyltransferase 2 (mitochondrial)	SHMT2	109	113	229	147	154	229
238412_at	Homo sapiens, clone IMAGE:5558799, mRNA		54	67	135	50	52	134
223879_s_at	oxidation resistance 1	OXR1	41	55	118	44	45	97
215977_x_at	glycerol kinase	GK	490	574	1136	1344	1149	1312
206748_s_at	sperm associated antigen 9	SPAG9	390	506	1022	796	830	1106
209212_s_at	Kruppel-like factor 5 (intestinal)	KLF5	80	70	138	130	113	183
222943_at	glucosidase, beta, acid 3 (cytosolic)	GBA3	16	16	37	44	52	66
235901_at	Transcribed locus		109	99	198	89	103	200
1554103_at	Protein phosphatase 1, regulatory (inhibitor) subunit 15B	PPP1R15B	38	22	40	68	59	60
219361_s_at	hypothetical protein FLJ12484	FLJ12484	76	90	169	151	147	196
238646_at	Clathrin, heavy polypeptide (Hc)	CLTC	22	24	50	61	58	90
209193_at	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	FGFR1	232	214	452	468	421	574
222164_at			29	30	59	34	38	53
227080_at	hypothetical protein MGC45731	MGC45731	914	1017	1978	2520	2526	3240
203214_x_at	cell division cycle 2, G1 to S and G2 to M	CDC2	30	24	42	208	175	125
212468_at	sperm associated antigen 9	SPAG9	287	279	565	402	423	572
226968_at	kinesin family member 1B	KIF1B	319	325	615	645	637	905
229787_s_at			42	48	105	64	61	102
211751_at	phosphodiesterase 4D interacting protein (myomegalin)	PDE4DIP	23	20	43	51	46	66
204488_at	transmembrane protein 15	TMEM15	75	68	135	157	147	182
212923_s_at	chromosome 6 open reading frame 145	C6orf145	101	95	188	183	196	274
209304_x_at	Growth arrest and DNA-damage-inducible, beta	GADD45B	383	356	746	1516	1319	1411
201538_s_at	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	DUSP3	93	99	191	191	188	218

Figure 23-40

202168_at	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	TAF9	909	1015	1980	1678	1779	2151
224978_s_at	ubiquitin specific protease 36	USP36	174	182	357	220	216	326
235458_at	hepatitis A virus cellular receptor 2	HAVCR2	2635	2811	5466	1826	1942	4186
212099_at	ras homolog gene family, member B	RHOB	179	163	329	114	119	253
231299_at	centaurin, gamma 3	CENTG3	77	116	224	93	92	214
231205_at			48	31	67	60	67	88
225853_at	glucosamine-phosphate N-acetyltransferase 1	GNPNAT1	76	78	150	57	56	108
217489_s_at	interleukin 6 receptor	IL6R	282	343	696	331	390	537
214696_at	hypothetical protein MGC14376	MGC14376	1502	1612	3171	2261	2240	3143
1557197_a_at	Lectin, galactoside-binding, soluble, 3 (galectin 3)	LGALS3	86	87	185	59	63	149
204141_at	tubulin, beta 2	TUBB2	196	204	396	309	295	464
200985_s_at	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)	CD59	519	588	1203	750	750	1279
212989_at	transmembrane protein 23	TMEM23	349	366	710	759	794	748
244397_at	Transcribed locus		172	172	329	340	317	387
205251_at	period homolog 2 (Drosophila)	PER2	212	240	471	241	278	383
224057_s_at	THAP domain containing 4	THAP4	198	173	341	196	189	371
215886_x_at	ubiquitin specific protease 12	USP12	102	97	192	267	277	313
226206_at	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	MAFK	499	489	981	591	562	1045
221679_s_at	abhydrolase domain containing 6	ABHD6	101	110	219	113	116	142
222942_s_at	T-cell lymphoma invasion and metastasis 2	TIAM2	47	55	102	97	101	111
204435_at	nucleoporin like 1	NUPL1	327	332	650	939	979	1042
213672_at	Methionine-tRNA synthetase	MARS	31	28	55	48	37	60
202246_s_at	cyclin-dependent kinase 4	CDK4	149	151	304	140	134	244
222982_x_at	solute carrier family 38, member 2	SLC38A2	2812	2613	5120	4439	4374	6064

Figure 23-41

204203_at	CCAAT/enhancer binding protein (C/EBP), gamma	CEBPG	222	261	492	340	328	436
208892_s_at	dual specificity phosphatase 6	DUSP6	2667	2370	4530	4445	4777	5007
201971_s_at	ATPase, H ⁺ transporting, lysosomal 70kDa, V1 subunit A	ATP6V1A	266	245	502	199	221	399
223145_s_at	chromosome 6 open reading frame 166	C6orf166	1219	1300	2497	1408	1378	2231
228353_x_at	Cbl-interacting protein Sts-1	STS-1	52	59	112	50	54	76
204341_at	tripartite motif-containing 16	TRIM16	50	52	109	85	80	108
203893_at	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	TAF9	249	241	477	352	387	504
209682_at	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	CBLB	94	106	216	80	85	174
218197_s_at	oxidation resistance 1	OXR1	72	81	168	80	87	157
218093_s_at	ankyrin repeat domain 10	ANKRD10	322	341	665	314	324	568
205767_at	epiregulin	EREG	1252	1218	2325	6001	5962	4337
238422_at	Hypothetical protein BC009264	LOC151534	85	82	158	76	76	132
227539_at	Guanine nucleotide binding protein (G protein), alpha 13	GNA13	546	511	1012	414	397	714
202266_at	TRAF and TNF receptor associated protein	TTRAP	995	1134	2192	1118	1171	1946
212817_at	DnaJ (Hsp40) homolog, subfamily B, member 5	DNAJB5	248	230	436	200	223	293
203322_at	KIAA0863 protein	KIAA0863	312	324	626	555	565	762
1564651_at	hypothetical protein LOC221710	LOC221710	65	65	125	40	48	82
223798_at	solute carrier family 41, member 2	SLC41A2	62	93	170	96	109	168
214096_s_at	serine hydroxymethyltransferase 2 (mitochondrial)	SHMT2	352	359	692	445	470	697
215853_at	fer-1-like 3, myoferlin (C. elegans)	FER1L3	19	16	28	53	62	63
201798_s_at	sperm associated antigen 9	SPAG9	598	700	1300	786	889	1469
212470_at	dehydrogenase/reductase (SDR family) member 9	DHRS9	1338	1483	2855	2435	2534	3265
219799_s_at	chr2 synaptotagmin	CHR2SYT	933	866	1706	419	414	813
1558511_s_at	Transcribed locus		367	401	785	542	552	805
236224_at			978	1060	2080	1331	1280	2097

Figure 23-42

200983_x_at	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16 3A5, EJ16, EJ30, EL32 and G344)	CD59	361	395	826	523	517	900
201627_s_at 204817_at	insulin induced gene 1 extra spindle poles like 1 (S. cerevisiae)	INSIG1 ESPL1	4103 47	4630 59	8697 111	8137 141	7949 148	9434 149
202401_s_at	serum response factor (c-fos serum response element-binding transcription factor)	SRF	236	210	391	386	405	384
209281_s_at	ATPase, Ca++ transporting, plasma membrane 1	ATP2B1	2144	2332	4366	5425	5537	5729
231035_s_at 241396_at	neural precursor cell expressed, developmentally down-regulated 4-like	NEDD4L	1068 33	1089 36	2065 68	2896 183	2858 173	3270 136
200691_s_at	heat shock 70kDa protein 9B (mortalin-2)	HSPA9B	1085	1228	2353	1450	1493	2181
222393_s_at 243918_at	Mak3 homolog (S. cerevisiae) DRE1 protein	MAK3 DRE1	544 74	627 75	1222 144	466 32	493 17	987 86
234491_s_at 227092_at	salvador homolog 1 (Drosophila)	SAV1	135 331	113 361	214 692	692 229	712 252	606 556
200842_s_at 205511_at	glutamyl-prolyl-tRNA synthetase hypothetical protein FLJ10038	EPRS FLJ10038	184 29	196 24	392 45	188 50	222 56	407 64
204182_s_at 203321_s_at	zinc finger protein 297B KIAA0863 protein	ZNF297B KIAA0863	237 202	249 185	473 355	322 288	329 311	552 405
222514_at 201041_s_at	Ras-related GTP binding C dual specificity phosphatase 1	RRAGC DUSP1	948 5849	1005 5995	1929 11452	749 13877	761 13735	1496 15262
217606_at	MRNA; cDNA DKFZp686P24158 (from clone DKFZp686P24158)		67	62	120	93	88	184
219480_at 215009_s_at 234199_at	snail homolog 1 (Drosophila) SEC31-like 1 (S. cerevisiae) Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	SNAIL SEC31L1 SLC24A3	251 175 43	180 197 42	324 403 83	367 314 55	350 332 57	360 526 92

Figure 23-43

1568695_s_at	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26	DDX26	40	33	63	52	49	79
239843_at	Ras-like without CAAX 1	RIT1	328	366	716	455	437	722
223079_s_at	glutaminase	GLS	160	195	361	511	464	460
211653_x_at	aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)	AKR1C2	65	84	159	111	100	175
232052_at	Hypothetical gene supported by AK128398		61	57	107	112	119	154
203304_at	BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)	BAMBI	30	28	48	53	42	64
212190_at	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	SERPINE2	35	36	68	78	83	114
216985_s_at	syntaxin 3A	STX3A	107	105	198	99	100	172
243371_at	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	ID2	69	53	100	146	131	152
201566_x_at			223	237	458	1193	1250	1116
215078_at	superoxide dismutase 2, mitochondrial	SOD2	405	440	800	2059	2234	2493
225866_at	brix domain containing 1	BXDC1	104	120	228	202	194	241
223666_at	Sorting nexin 5	SNX5	68	88	166	114	118	141
221510_s_at	glutaminase	GLS	331	340	629	848	830	752
212272_at	lipin 1	LPIN1	73	92	175	71	90	127
238619_at	CDNA FLJ26188 fis, clone ADG04821		56	45	89	82	80	115
212274_at	lipin 1	LPIN1	326	354	650	279	280	514
242907_at	guanylate binding protein 2, interferon-inducible	GBP2	498	509	952	2110	2121	2106
213409_s_at	Ras homolog enriched in brain	RHEB	242	293	543	339	370	512
212062_at	ATPase, Class II, type 9A	ATP9A	25	23	42	64	55	77

Figure 23-44

228181_at	solute carrier family 30 (zinc transporter), member 1	SLC30A1	213	232	441	144	173	364
232587_at	echinoderm microtubule associated protein like 4	EML4	40	37	69	68	79	86
203935_at	activin A receptor, type I	ACVR1	835	953	1787	881	921	1355
210247_at	synapsin II	SYN2	42	41	76	38	41	65
206295_at	interleukin 18 (interferon-gamma-inducing factor)	IL18	70	68	125	524	464	325
225339_at	Sperm associated antigen 9	SPAG9	721	814	1490	1207	1201	1591
159977_a_at	hypothetical protein LOC284723	LOC284723	101	98	184	127	121	200
201845_s_at			1088	1160	2172	2589	2575	2896
212811_x_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	SLC1A4	439	436	818	375	376	525
213810_s_at			259	284	529	273	292	466
206537_at			38	37	70	43	54	76
240674_at	Jumonji, AT rich interactive domain 2	JARID2	44	53	96	62	66	103
218088_s_at	Ras-related GTP binding C	RRAGC	840	888	1655	752	809	1448
220417_s_at	THAP domain containing 4	THAP4	178	193	360	217	215	412
221702_s_at	BBP-like protein 2	BLP2	672	675	1282	578	604	1033
202065_s_at	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1	PPFIA1	120	134	247	114	134	229
224046_s_at	phosphodiesterase 7A	PDE7A	51	62	117	99	101	129
213820_s_at	START domain containing 5	STARD5	69	83	152	66	73	102
224009_x_at	dehydrogenase/reductase (SDR family) member 9	DHRS9	718	802	1498	363	382	758
1559777_at	Homo sapiens, clone IMAGE:4133286, mRNA		74	88	152	2097	2184	994
209340_at	UDP-N-acteylglucosamine pyrophosphorylase 1	UAP1	605	725	1289	1392	1413	1441
211671_s_at	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	881	922	1733	1551	1654	2722

Figure 23-45

1569095_at	Homo sapiens, clone IMAGE:4133286, mRNA	277	317	546	5089	4738	2794
200984_s_at	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)	408	477	906	600	580	1002
223780_s_at	thyroid hormone receptor associated protein 1	202	214	396	370	373	451
200779_at	activating transcription factor 4 (tax-responsive enhancer element B67)	4000	4330	7720	6872	6791	7946
239562_at	hypothetical protein FLJ13105	61	69	123	99	114	148
218338_at	polyhomeotic-like 1 (Drosophila)	84	94	174	91	99	130
1555991_s_at	hypothetical protein LOC150297	25	22	45	109	126	79
243829_at	v-rat murine sarcoma viral oncogene homolog B1	137	145	273	223	232	307
213476_x_at	tubulin, beta 3	545	622	1118	751	809	1018
212048_s_at	tyrosyl-tRNA synthetase	687	794	1382	940	957	1258
217682_at	PRO0149 protein	183	207	375	238	248	386
219933_at	glutaredoxin 2	219	207	383	180	184	321
207606_s_at	Rho GTPase activating protein 12	31	31	58	20	20	44
222799_at	HSPC049 protein	81	71	122	48	41	82
220918_at	Chromosome 21 open reading frame 96	65	60	112	42	47	73
209610_s_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	440	448	823	340	359	497
206157_at	pentaxin-related gene, rapidly induced by IL-1 beta	1104	1112	1894	7017	7150	5397
207005_s_at	B-cell CLL/lymphoma 2	31	38	68	61	52	79
234976_x_at	protein tyrosine phosphatase type IVA, member 1	113	134	244	253	262	271
200731_s_at	chromosome X open reading frame 6	435	418	774	930	981	1243
205088_at		104	131	229	285	241	279
236899_at		59	62	131	65	76	122

Figure 23-46

1552426_a_at	BBP-like protein 2	BLP2	359	350	646	314	325	497
213327_s_at			443	464	850	1290	1301	1256
218239_s_at	GTP binding protein 4	GTPBP4	211	232	414	442	487	452
201646_at	scavenger receptor class B, member 2	SCARB2	326	384	717	250	285	489
201865_x_at	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	1344	1424	2631	2365	2482	3945
215975_x_at								
229845_at	mitogen-activated protein kinase associated protein 1	MAPKAP1	143	153	283	362	319	361
223952_x_at	dehydrogenase/reductase (SDR family) member 9	DHRS9	737	819	1508	376	386	778
41387_r_at	jumonji domain containing 3	JMJD3	775	732	1336	2131	2079	2160
238762_at	hypothetical protein FLJ13105	FLJ13105	152	166	302	263	281	353
200843_s_at	glutamyl-prolyl-tRNA synthetase	EPRS	187	220	403	219	243	353
202265_at	polycomb group ring finger 4	PCGF4	160	157	290	126	128	165
239695_at	Hypothetical protein FLJ10770	JAK1, KIAA1579	104	108	186	133	146	224
204266_s_at	choline kinase alpha	CHKA	102	116	206	50	56	136
225582_at	KIAA1754	KIAA1754	687	645	1118	1276	1231	1292
204897_at	prostaglandin E receptor 4 (subtype EP4)	PTGER4	1312	1218	2212	3442	3573	3790
226705_at	Fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	FGFR1	94	105	185	98	93	147
223443_s_at	hypothetical protein FLJ32065	FLJ32065	87	95	178	99	114	153
219023_at	chromosome 4 open reading frame 16	C4orf16	54	55	102	40	41	78
223974_at	hypothetical protein MGC11082	MGC11082	30	43	78	163	138	174
217745_s_at	Mak3 homolog (S. cerevisiae)	MAK3	1123	1205	2183	815	855	1665
213734_at			259	294	531	356	401	517
1552277_a_at	similar to RIKEN cDNA 5730528L13 gene	MGC17337	92	117	207	303	302	400
223834_at	programmed cell death 1 ligand 1	PDCD1LG1	32	38	67	317	299	150

Figure 23-47

224836_at	tumor protein p53 inducible nuclear protein 2	TP53INP2	962	953	1671	1954	1819	1753
242149_at	CAMP-binding guanine nucleotide exchange factor IV (cAMP-GEFIV) mRNA, clone W15, partial sequence		27	31	59	28	31	47
228242_at	Kinesin family member 1B	KIF1B	122	119	219	168	184	246
225878_at	jumonji domain containing 3	JMJD3	478	444	777	914	892	1192
41386_i_at	Zinc finger protein 297B	ZNF297B	2398	2345	4223	6094	5616	6893
227991_x_at	putative translation initiation factor	SUI1	392	421	741	522	530	872
212130_x_at	chromosome 13 open reading frame 12	C13orf12	7002	6816	12169	15238	14514	15237
222402_at	ubiquitin specific protease 36	USP36	100	115	211	221	238	240
220370_s_at	syntaxin 3A	STX3A	53	59	105	73	67	104
209238_at	general transcription factor IIA, 1, 19/37kDa	GTF2A1	497	507	914	443	470	920
225433_at	chemokine (C-C motif) receptor 1	CCR1	549	525	958	598	656	1114
205098_at	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	DUSP3	3497	3392	6036	1515	1789	4006
201537_s_at	bone morphogenetic protein 6	BMP6	242	271	482	539	484	587
206176_at	GTP binding protein 4	GTPBP4	162	188	330	235	212	287
218238_at	Transcribed locus		240	278	484	446	465	496
236975_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	SLC1A4	20	18	33	53	55	74
212810_s_at	hypothetical protein FLJ13448	FLJ13448	260	267	474	186	179	297
219397_at	hypothetical protein MGC5391	MGC5391	611	591	1049	1043	1034	1340
226639_at	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	150	156	275	135	144	222
201866_s_at	armadillo repeat containing, X-linked	ARMCX1	579	654	1166	1116	1144	1789
218694_at	RNA (guanine-7-) methyltransferase	RNMT	64	65	111	60	51	89
202684_s_at			58	70	125	80	92	140

Figure 23-48

201170_s_at	basic helix-loop-helix domain containing, class B, 2	BHLHB2	1258	1407	2551	2003	1835	3914
226452_at	pyruvate dehydrogenase kinase, isoenzyme 1	PDK1	220	242	431	264	275	413
202748_at	guanylate binding protein 2, interferon-inducible	GBP2	661	612	1130	2029	1962	1905
210235_s_at	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1	PPFIA1	149	198	354	154	179	302
218447_at	DC13 protein	DC13	205	181	320	153	171	263
210973_s_at	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	FGFR1	84	127	215	113	122	181
244341_at	Mak3 homolog (S. cerevisiae)	MAK3	44	38	72	29	30	73
239825_at	Activating transcription factor 6	ATF6	93	82	140	171	191	170
224983_at	scavenger receptor class B, member 2	SCARB2	910	953	1698	641	710	1161
1569003_at	Ring finger protein 146	RNF146	70	81	147	116	109	187
244517_x_at	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	OGT	20	21	37	34	37	52
200953_s_at	cyclin D2	CCND2	610	715	1237	820	820	1046
223276_at	putative small membrane protein NID67	NID67	320	349	607	748	685	752
217824_at	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	185	192	339	405	422	548
209573_s_at	chromosome 18 open reading frame 1	C18orf1	40	40	76	112	86	105
203695_s_at	deafness, autosomal dominant 5	DFNA5	125	131	216	309	321	361
222592_s_at	acyl-CoA synthetase long-chain family member 5	ACSL5	658	716	1246	1464	1427	1451

Figure 23-49

244251_at	Lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	428	378	661	765	715	804
221504_s_at	ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H	402	439	769	532	563	969
219558_at	ATPase type 13A3	1680	1913	3278	3311	3229	3677
1560485_at	human immunodeficiency virus type 1 enhancer binding protein 1	230	257	436	877	911	863
205269_at	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	1697	1619	2804	3563	3599	3474
223358_s_at	Phosphodiesterase 7A	110	130	227	229	235	237
38158_at	extra spindle poles like 1 (S. cerevisiae)	66	66	115	164	166	169
212314_at	KIAA0746 protein	103	105	179	172	177	228
220266_s_at	Kruppel-like factor 4 (gut)	86	99	176	121	112	137
222409_at	coronin, actin binding protein, 1C	2508	2664	4634	2053	2294	3875
203124_s_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	295	312	520	777	822	1050
216594_x_at	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)	103	93	172	122	117	200
235707_at	jumonji domain containing 1C	101	106	182	78	81	121
228793_at	CASP8 and FADD-like apoptosis regulator	104	94	169	79	69	139
217654_at	Chromosome 6 open reading frame 62	26	23	38	63	54	49
222309_at		186	178	320	296	356	369

Figure 23-50

204151_x_at	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)	AKR1C1	116	126	224	153	148	243
235466_s_at	Transcribed locus		158	162	277	126	127	201
220235_s_at	receptor-interacting factor 1	RIF1	104	130	220	293	303	312
210953_at	KIAA0669 gene product	KIAA0669	31	32	53	57	46	67
202627_s_at	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	SERPINE1	368	425	807	238	287	737
209574_s_at	chromosome 18 open reading frame 1, member 1	C18orf1	89	97	167	240	226	243
204969_s_at	radixin	RDX	70	81	140	124	130	178
214349_at	MRNA; cDNA DKFZp666D074 (from clone DKFZp666D074)		102	73	130	467	387	488
204094_s_at	KIAA0669 gene product	KIAA0669	545	533	934	1151	1106	1386
224831_at	cytoplasmic polyadenylation element binding protein 4	CPEB4	452	405	692	811	820	782
217826_s_at	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	642	752	1246	1560	1580	1985
228967_at	Putative translation initiation factor	SUI1	198	158	270	379	345	329
201141_at	glycoprotein (transmembrane)	GNMB	538	581	999	263	289	556
230739_at	CAMP-binding guanine nucleotide exchange factor IV (cAMP-GEFIV) mRNA, clone W15, partial sequence		59	60	103	53	56	89
242990_at	Protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 1	PPF1A1	52	47	80	34	30	62
225551_at	hypothetical protein FLJ32001	FLJ32001	88	107	186	99	97	155
203120_at	tumor protein p53 binding protein, 2	TP53BP2	446	480	807	1327	1267	1257

Figure 23-51

243487_at	ALL1 fused gene from 5q31	AF5Q31	33	36	66	49	45	63
219062_s_at	zinc finger, CCHC domain containing 2	ZCCHC2	369	355	602	203	248	362
203704_s_at	ras responsive element binding protein 1	RREB1	591	641	1099	358	411	699
229865_at	fibronectin type III domain containing FNDC3B 3B		1295	1387	2244	3283	3168	3246
211764_s_at	ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)	UBE2D1	396	391	667	958	1054	899
242183_at	CDNA FLJ38849 fis, clone MESAN2008936		65	70	109	114	116	103
208925_at	chromosome 3 open reading frame 4	C3orf4	715	778	1315	1149	1292	1435
202150_s_at	neural precursor cell expressed, developmentally down-regulated 9	NEDD9	259	254	437	169	178	304
215716_s_at	ATPase, Ca++ transporting, plasma membrane 1	ATP2B1	2262	2289	3805	4746	4791	4376
223716_s_at	zinc finger protein 265	ZNF265	324	359	606	581	587	674
218181_s_at	mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	327	361	614	631	610	767
212276_at	lipin 1	LPIN1	240	283	471	214	231	360
202021_x_at	putative translation initiation factor	SUI1	6893	6808	11449	14345	13486	14113
240983_s_at	cysteinyl-tRNA synthetase	CARS	74	88	148	87	95	118
205816_at	integrin, beta 8	ITGB8	13	13	16	79	76	37
215111_s_at	transforming growth factor beta 1 induced transcript 4	TGFB1I4	977	1013	1627	1382	1256	2678
222547_at	mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	159	178	303	303	298	333
216321_s_at	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	NR3C1	808	866	1466	1447	1521	2169
219253_at	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7	CHST7	226	236	393	462	420	516
206756_at			715	911	1453	1222	1302	1495
217672_x_at			200	134	228	277	249	229

Figure 23-52

222816_s_at	zinc finger, CCHC domain containing 2	ZCCHC2	170	186	319	103	134	187
244418_at	Reticulon 3	RTN3	33	30	50	54	57	75
222442_s_at	ADP-ribosylation factor-like 10C	ARL10C	2534	2732	4543	4501	4390	5136
204958_at	polo-like kinase 3 (Drosophila)	PLK3	447	395	660	1099	1189	1346
225185_at	muscle RAS oncogene homolog	MRAS	163	158	268	120	123	210
229666_s_at	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	CSTF3	78	77	128	149	166	152
200952_s_at	cyclin D2	CCND2	35	43	71	48	41	47
212907_at	Solute carrier family 30 (zinc transporter), member 1	SLC30A1	1170	1299	2250	603	704	1635
202431_s_at	v-myc myelocytomatosis viral oncogene homolog (avian)	MYC	324	351	498	746	856	716
227534_at	chromosome 9 open reading frame 21	C9orf21	470	548	897	835	825	1053
239780_at	son of sevenless homolog 1 (Drosophila)	SOS1	26	22	39	43	55	65
212777_at	hypothetical protein LOC283687	LOC283687	124	141	241	115	124	189
1556588_at	Full length insert cDNA clone YX74D05		96	67	114	161	138	129
230741_at	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa	TAF7	261	269	440	554	610	683
201023_at	purinergic receptor P2X, ligand-gated ion channel, 7	P2RX7	693	711	1189	1303	1348	1424
207091_at	vimentin	VIM	66	74	124	146	183	203
1555938_x_at	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	79	87	149	135	133	234
217823_s_at	hypothetical protein FLJ10874	FLJ10874	634	674	1103	1504	1449	1723
222752_s_at	Hermansky-Pudlak syndrome 1	HPS1	69	72	122	47	60	99
217354_s_at	nucleoporin 188kDa	NUP188	40	48	78	57	60	68
212691_at	radixin	RDX	101	129	216	212	213	254
212397_at	heat shock 90kDa protein 1, beta	HSPCB	645	746	1261	1148	1158	1602
214359_s_at	tumor necrosis factor (ligand) superfamily, member 9	TNFSF9	741	897	1496	1298	1372	1550
206907_at			19	23	38	88	84	57

Figure 23-53

201008_s_at	thioredoxin interacting protein	TXNIP	1662	1279	2074	843	981	655
230170_at	oncostatin M	OSM	329	251	401	894	868	1240
216066_at	ATP-binding cassette, sub-family A (ABC1), member 1	ABCA1	47	66	96	96	95	110
1559249_at	Ataxin 1	ATXN1	83	79	126	143	144	132
240085_at			38	43	64	124	108	131
201972_at	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A	ATP6V1A	1701	1636	2769	1290	1325	2248
205067_at	interleukin 1, beta	IL1B	12928	11533	18574	22665	22626	21455
223225_s_at	SEH1-like (S. cerevisiae)	SEH1L	73	93	156	93	112	126
202391_at	brain abundant, membrane attached signal protein 1	BASP1	4927	5572	8848	9491	8687	10612
238462_at	Cbl-interacting protein Sts-1	STS-1	91	102	170	77	91	125
201565_s_at	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	ID2	1432	1655	2778	6783	6676	6076
219371_s_at	Kruppel-like factor 2 (lung)	KLF2	293	297	490	238	250	371
220399_at	hypothetical protein FLJ22639	FLJ22639	27	35	57	61	66	81
1559467_at	CDNA FLJ36734 fis, clone UTERU2012890		148	139	240	283	260	306
223289_s_at	ubiquitin specific protease 38	USP38	277	315	521	234	246	393
205270_s_at	lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	LCP2	2781	2980	4742	5619	5259	5850
241250_at			14	10	12	48	50	56
238432_at	Discs, large (Drosophila) homolog-associated protein 1	DLGAP1	111	113	177	330	265	280
201536_at	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	DUSP3	313	285	467	517	497	598
203574_at	nuclear factor, interleukin 3 regulated	NFIL3	765	701	1158	1743	1617	1766
222435_s_at	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	734	793	1270	1490	1514	1934
206571_s_at	mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	620	717	1174	1130	1086	1295

Figure 23-54

209653_at	karyopherin alpha 4 (importin alpha 3)	KPNA4	344	418	680	505	486	616
203843_at	ribosomal protein S6 kinase, 90kDa, RPS6KA3		320	338	558	549	595	686
208726_s_at	polypeptide 3		1344	1618	2618	2427	2393	2783
201009_s_at	eukaryotic translation initiation factor EIF2S2							
209122_at	2, subunit 2 beta, 38kDa							
	thioredoxin interacting protein	TXNIP	2376	1903	2966	1551	1691	1198
	adipose differentiation-related protein	ADFP	1389	1537	2341	1333	1394	2759
230082_at	Leucine rich repeat (in FLII)	LRRFIP2	214	217	354	376	377	440
206039_at	interacting protein 2							
	RAB33A, member RAS oncogene family	RAB33A	40	37	57	96	103	85
221676_s_at	coronin, actin binding protein, 1C	CORO1C	3325	3794	6214	3033	3236	5427
204088_at	purinergic receptor P2X, ligand-gated ion channel, 4	P2RX4	415	482	789	743	787	862
239914_at	Monoglyceride lipase	MGLL	21	22	36	90	93	89
201647_s_at	scavenger receptor class B, member 2	SCARB2	139	149	252	107	109	176
201925_s_at	decay accelerating factor for complement (CD55, Gromer blood group system)	DAF	1543	1232	1983	4331	4121	3778
211423_s_at	sterol-C5-desaturase (ERG3 delta-5- desaturase homolog, fungal)-like	SC5DL	237	252	416	185	198	324
206991_s_at	chemokine (C-C motif) receptor 5	CCR5	1725	1966	3190	2621	2515	4009
242669_at	Ubiquitin-fold modifier 1	Ufm1	91	95	160	149	151	204
1557910_at	heat shock 90kDa protein 1, beta	HSPCB	819	963	1601	1344	1550	1603
226982_at	Elongation factor, RNA polymerase II, 2	ELL2	250	267	428	523	502	531
210338_s_at	heat shock 70kDa protein 8	HSPA8	4216	4667	7362	5269	5291	6075
244598_at	Full length insert cDNA clone ZD66F04		517	519	822	974	936	1002
203213_at	cell division cycle 2, G1 to S and G2 to M	CDC2	36	30	50	416	317	198
228487_s_at	Ras responsive element binding protein 1	RREB1	259	303	491	134	148	304

Figure 23-55

219584_at	phospholipase A1 member A	PLA1A	9	10	15	61	44	37
244499_at			89	75	119	212	168	162
231967_at	PHD finger protein 20-like 1	PHF20L1	89	96	158	136	148	185
202716_at	protein tyrosine phosphatase, non-receptor type 1	PTPN1	1040	1127	1782	2250	2169	2436
236869_at	Transcribed locus		67	61	100	57	57	155
226541_at	F-box protein 30	FBXO30	582	652	1094	1406	1325	1882
219326_s_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	B3GNT1	119	134	219	522	441	409
237747_at	Chromosome 10 open reading frame C10orf45		62	52	85	93	96	146
202656_s_at	SERTA domain containing 2	SERTAD2	229	265	451	264	277	551
204357_s_at	LIM domain kinase 1	LIMK1	60	39	57	21	22	35
223288_at	ubiquitin specific protease 38	USP38	350	360	581	272	313	439
211488_s_at	integrin, beta 8	ITGB8	21	17	23	71	76	42
205756_s_at	coagulation factor VIII, procoagulant component (hemophilia A)	F8	47	50	78	186	180	210
1554414_a_at	chromosome 8 open reading frame 1	C8orf1	183	227	364	414	416	532
202847_at	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	PCK2	151	144	241	106	103	170
236989_at	Eukaryotic translation initiation factor 3, subunit 6 48kDa	EIF3S6	61	51	81	92	103	116
200732_s_at	protein tyrosine phosphatase type IVA, member 1	PTP4A1	512	556	887	1051	1040	1277
203480_s_at	HIV-1 induced protein HIN-1	HSN1	499	401	645	752	815	986
211527_x_at	vascular endothelial growth factor	VEGF	260	263	457	487	467	518
240574_at	DnaJ (Hsp40) homolog, subfamily C, member 3	DNAJC3	13	12	21	109	126	111
218631_at	arginine vasopressin-induced 1	AVP11	298	301	475	145	144	238
221688_s_at	chromosome 15 open reading frame 12	C15orf12	284	271	436	158	157	264
212374_at	fem-1 homolog b (C. elegans)	FEM1B	92	106	170	79	77	126
202187_s_at	protein phosphatase 2, regulatory subunit B (B56), alpha isoform	PPP2R5A	196	196	314	151	161	252

Figure 23-56

223309_x_at	intracellular membrane-associated calcium-independent phospholipase A2 gamma	IPLA2(GAMMA A)	971	1061	1685	1908	1880	2285
214637_at	oncostatin M	OSM	129	107	168	436	389	669
224819_at	transcription elongation factor A (SII)-like 8	TCEAL8	43	47	79	30	27	64
213560_at	hypothetical gene supported by BX538329	LOC441366	142	133	214	292	277	300
231412_at	Sterile alpha motif and leucine zipper containing kinase AZK	ZAK	52	46	70	229	219	199
1555259_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	DDX21	39	35	54	128	129	157
208152_s_at	cytokine inducible SH2-containing protein	DDX21	1608	1903	2975	3195	3350	3425
223377_x_at	met proto-oncogene (hepatocyte growth factor receptor)	CISH	87	104	174	115	140	186
211599_x_at	chondroitin sulfate GalNAcT-2	MET	180	246	355	280	307	318
239077_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]	GALNAcT-2	369	394	642	527	540	739
235207_at	nucleoporin like 1	NUPL1	39	34	57	19	28	45
223984_s_at	Transcribed locus, strongly similar to NP_005043.1 ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3) [Homo sapiens]	NUPL1	64	54	90	149	170	137
229444_at	PQ loop repeat containing 2 solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	SLC11A2	91	75	119	104	106	160
1555781_at	HSPC049 protein	PQLC2	59	65	99	54	50	97
203123_s_at	phosphate cytidyltransferase 1, choline, alpha isoform	SLC11A2	215	230	349	424	467	605
218971_s_at	chromosome X open reading frame 26	HSPC049	153	132	213	82	103	131
204210_s_at		PCYT1A	73	77	119	54	68	81
224177_s_at		CXorf26	116	148	228	111	126	156

Figure 23-57

209301_at	carbonic anhydrase II	CA2	497	572	834	1385	1436	1494
228397_at	Zinc finger, CW type with coiled-coil domain 1	ZCWCC1	41	43	70	77	91	92
201431_s_at	dihydropyrimidinase-like 3	DPYSL3	90	81	127	68	68	129
205306_x_at	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	KMO	2146	2569	3681	6301	5947	6625
1554472_a_at	PHD finger protein 20-like 1	PHF20L1	75	82	133	121	118	151
203775_at	solute carrier family 25, member 13 (citrin)	SLC25A13	142	123	204	143	142	256
212218_s_at	fatty acid synthase	FASN	30	43	69	51	36	53
203298_s_at	Jumonji, AT rich interactive domain 2	JARID2	1465	1781	2641	2108	2136	2741
214729_at	TWIST neighbor	TWISTNB	25	29	44	111	93	79
210228_at	Rap guanine nucleotide exchange factor (GEF) 2	RAPGEF2	41	46	61	72	74	139
215992_s_at			74	86	138	782	810	557
233003_at	PHD finger protein 10	PHF10	30	39	67	59	64	80
225048_at	Transcribed locus		78	73	115	134	136	146
229757_at	chromosome 6 open reading frame 105	C6orf105	112	102	160	235	221	293
215100_at	Transcribed locus		29	33	52	54	66	90
243604_at	musculin (activated B-cell factor-1)	MSC	49	39	61	60	58	82
209928_s_at	FOS-like antigen 2	FOSL2	467	672	789	1155	1269	942
241824_at	Chromosome 10 open reading frame 45		83	68	105	103	100	145
229695_at	zinc finger protein 596	ZNF596	375	394	595	596	615	809
215547_at	methionine-tRNA synthetase	MARS	36	28	39	43	55	60
224654_at	HIV-1 induced protein HIN-1	HSN1	1277	1612	2430	2835	2906	2964
201475_x_at	heat shock 90kDa protein 1, beta		353	400	632	541	575	708
203479_s_at	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	PTGS1	80	118	194	203	227	276
200064_at	interleukin 1 receptor-like 1	IL1RL1	2074	2475	3802	3436	3487	4155
205128_x_at			616	568	896	440	475	649
207526_s_at			53	57	96	103	115	136

Figure 23-58

1554014_at	chromodomain helicase DNA binding protein 2	CHD2	223	218	357	365	372	467
1553959_a_at	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6	B3GALT6	380	409	611	691	740	664
224692_at	protein phosphatase 1, regulatory (inhibitor) subunit 15B	PPP1R15B	1457	1555	2387	5016	4638	3994
212717_at	pleckstrin homology domain containing, family M (with RUN domain) member 1	PLEKHM1	527	459	712	348	379	544
219047_s_at	hypothetical protein FLJ13479	FLJ13479	56	57	85	28	30	44
218789_s_at	hypothetical protein FLJ20010	FLJ20010	69	61	95	126	131	139
223294_at	chromosome X open reading frame 26	CXorf26	341	346	524	259	277	388
213532_at	a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme)	ADAM17	1356	1495	2291	2165	2186	2698
201235_s_at	BTG family, member 2	BTG2	1002	1065	1697	2636	2882	2587
217686_at	protein tyrosine phosphatase, non-receptor type 1	PTPN1	53	62	93	81	102	86
208290_s_at	eukaryotic translation initiation factor 5	EIF5	405	503	769	632	651	802
211138_s_at	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	KMO	2253	2725	3779	6564	6094	6973
233121_at	Zinc fingers and homeoboxes 2	ZHX2	35	29	52	102	97	112
238848_at	HIV-1 induced protein HIN-1	HSN1	65	78	127	129	146	172
209611_s_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	SLC1A4	93	101	162	68	59	90
232692_at	tudor domain containing 6	TDRD6	37	32	44	55	61	44
218936_s_at	HSPC128 protein	HSPC128	206	190	298	366	356	371
205888_s_at	Jak and microtubule interacting protein 2	KIAA0555	71	83	127	66	61	91
33323_r_at	stratifin	SFN	71	57	90	159	228	165
212398_at	radixin	RDX	205	267	415	360	373	475

Figure 23-59

244841_at	SEC24 related gene family, member A (S. cerevisiae)	17	21	31	46	41	55
209017_s_at	protease, serine, 15	157	149	228	102	107	172
228468_at	microtubule associated	56	51	77	142	138	114
209813_x_at	serine/threonine kinase-like						
	T cell receptor gamma variable 9	24	19	22	150	111	58
216979_at	nuclear receptor subfamily 4, group A, member 3	42	32	46	91	80	92
222573_s_at	salvador homolog 1 (Drosophila)	162	189	286	1001	985	886
229054_at	FLJ39779 protein	34	31	43	67	59	69
227029_at	chromosome 14 open reading frame 24	199	176	271	410	393	362
236079_at	hypothetical protein	60	48	73	103	90	110
226939_at	cytoplasmic polyadenylation element binding protein 2	268	259	417	459	467	683
223982_s_at	intracellular membrane-associated calcium-independent phospholipase A2 gamma	1361	1399	2114	2515	2433	2763
204048_s_at	phosphatase and actin regulator 2	104	107	165	158	174	262
207433_at	interleukin 10	28	40	64	340	377	287
226075_at	SPRY domain-containing SOCS box protein SSB-1	41	36	55	100	78	105
225720_at	Synaptopodin 2	3	3	6	184	159	99
206036_s_at	v-rel reticuloendotheliosis viral oncogene homolog (avian)	659	678	1035	2285	2355	2017
215813_s_at	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	599	597	926	446	475	645
218322_s_at	acyl-CoA synthetase long-chain family member 5	290	275	425	568	554	551
219633_at	chromosome 20 open reading frame 121	34	42	64	43	47	62

Figure 23-60

213111_at	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III	PIP5K3	393	392	602	284	281	414
240038_at	Elongation factor, RNA polymerase II, 2	ELL2	153	138	220	244	222	311
239056_at	peroxisomal biogenesis factor 5	PEX5	71	69	104	55	49	76
203244_at	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	CSTF3	99	87	131	75	66	102
229665_at	mitogen-activated protein kinase	MAP3K4	42	49	72	74	92	78
216199_s_at	kinase kinase 4		162	183	284	1440	1238	1199
223310_x_at	intracellular membrane-associated calcium-independent phospholipase A2 gamma	IPLA2(GAMM A)	1478	1531	2285	2870	2714	3180
214583_at	regulatory solute carrier protein, family 1, member 1	RSC1A1	53	57	87	27	31	41
1560250_s_at	hypothetical protein LOC284242	LOC284242	38	39	59	30	36	41
224413_s_at	BBP-like protein 1	BLP1	510	576	850	320	332	411
204618_s_at	GA binding protein transcription factor, beta subunit 2, 47kDa	GABPB2	280	306	465	457	428	597
236856_x_at	CDNA FLJ34374 fis, clone FEBRA2017502		30	30	44	50	58	70
205013_s_at	adenosine A2a receptor	ADORA2A	842	780	1011	2769	2772	2028
208708_x_at	eukaryotic translation initiation factor 5	EIF5	615	779	1157	925	957	1219
206022_at	Norrie disease (pseudoglioma)	NDP	7	13	16	57	54	31
238413_at	hypothetical protein LOC150297	LOC150297	33	38	55	35	34	58
1555990_at	retinoblastoma binding protein 6	RBBP6	35	45	72	132	161	106
1552329_at	TCR gamma alternate reading frame protein	TARP, TRGV9	120	111	165	236	249	222
215806_x_at	guanylate binding protein 1, interferon-inducible, 67kDa	GBP1	26	19	24	158	103	61
202269_x_at	muscleblind-like (Drosophila)	MBNL1	760	625	927	3502	3294	2082
1558111_at	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	NDST2	213	207	308	915	946	580
1559701_s_at			73	82	115	139	130	144

Figure 23-61

212181_s_at	nudix (nucleoside diphosphate linked moiety X)-type motif 4	NUDT4	328	300	447	232	245	483
214590_s_at	ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)	UBE2D1	119	134	200	348	365	285
1555762_s_at	RNA binding motif protein 15	RBM15	161	181	266	130	126	191
227622_at	pre-mRNA cleavage complex II protein Pcf11	PCF11	253	247	369	456	428	571
230048_at	coagulation factor C homolog, cochlin (Limulus polyphemus)	COCH	31	23	32	55	62	64
1554241_at	hypothetical protein MGC45731	MGC45731	157	186	281	229	251	309
1553702_at	hypothetical protein, clone 2746033	HSA272196	65	43	61	80	83	76
225096_at	Hypothetical protein LOC150166	LOC150166	114	114	170	85	93	149
228685_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	DDX50	248	296	446	174	170	236
1568815_a_at	chromosome 14 open reading frame 130	C14orf130	32	34	55	60	70	92
218108_at	hypothetical protein FLJ36701	FLJ36701	223	230	340	128	119	252
1553449_at	delta-like 1 (Drosophila)	DLL1	100	71	101	42	38	51
224215_s_at	forkhead box O3A	FOXO3A	35	32	52	61	53	151
1557586_s_at	otoancorin	OTOA	35	27	41	34	40	64
204132_s_at	zinc finger protein 318	ZNF318	192	204	301	440	458	412
1553432_s_at	toll-like receptor 5	TLR5	29	32	46	43	47	53
203521_s_at	hypothetical protein LOC283143	LOC283143	69	78	119	35	42	68
210166_at	thioredoxin interacting protein	TXNIP	64	66	100	49	62	109
239675_at	calumenin	CALU	37	37	55	17	20	22
201010_s_at	BTB and CNC homology 1, basic leucine zipper transcription factor 1	BACH1	5123	4290	5963	3615	4011	2943
214845_s_at			76	94	136	83	80	110
210818_s_at			324	375	562	640	680	611
1563118_at	CDNA: FLJ20923 fis, clone ADSE00893		86	102	146	650	668	651
219634_at	carbohydrate (chondroitin 4) sulfotransferase 11	CHST11	294	310	452	586	582	598
243977_at	interleukin 6 (interferon, beta 2)	IL6	15	15	17	56	51	34

Figure 23-62

231899_at	KIAA1726 protein	KIAA1726	611	713	1068	2036	2055	2572
1554730_at	multiple C2-domains with two transmembrane regions 1	MCTP1	51	51	74	106	105	102
225186_at	Ras association (RalGDS/AF-6) and plectstrin homology domains 1	RAPH1	188	209	285	324	322	393
208047_s_at	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	177	204	297	523	569	365
226578_s_at	ras responsive element binding protein 1	RREB1	176	186	275	303	308	395
242297_at			70	64	95	45	48	70
210180_s_at	splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila)	SFRS10	99	152	219	202	218	213
202147_s_at	interferon-related developmental regulator 1	IFRD1	108	111	165	218	223	265
214867_at	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	NDST2	57	47	67	105	96	73
210664_s_at	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	TFPI	50	60	95	92	98	147
204233_s_at	choline kinase alpha	CHKA	143	176	241	107	93	192
203665_at	heme oxygenase (decycling) 1	HMOX1	4491	4890	6815	2918	3170	5104
1553740_a_at	interleukin-1 receptor-associated kinase 2	IRAK2	188	184	255	456	472	472
1557049_at	Hypothetical protein LOC149478	LOC149478	205	225	327	435	407	566
203880_at	COX17 homolog, cytochrome c oxidase assembly protein (yeast)	COX17	461	453	664	938	946	866
226750_at	FLJ10378 protein	FLJ10378	56	62	88	83	84	108
231577_s_at	guanylate binding protein 1, interferon-inducible, 67kDa	GBP1	733	601	849	3334	3071	1755
206035_at	vascular endothelial growth factor	VEGF	170	154	227	452	522	449
210513_s_at	SEC22 vesicle trafficking protein-like 3 (S. cerevisiae)	SEC22L3	274	287	420	534	497	570
224470_at			46	52	82	32	41	68
1561640_at	Hypothetical protein LOC253039	PSMD5	20	15	23	114	95	68

Figure 23-63

1552485_at	lactamase, beta	LACTB	151	172	260	256	316	400
1569190_at	hypothetical protein FLJ30655	FLJ30655	34	26	38	62	60	56
212719_at	pleckstrin homology domain containing, family E (with leucine rich repeats) member 1	PLEKHE1	65	67	95	139	127	121
213950_s_at			18	25	33	58	55	63
210512_s_at	vascular endothelial growth factor	VEGF	1135	1076	1581	2165	1980	2341
212311_at	KIAA0746 protein	KIAA0746	56	74	107	105	103	130
235194_at	CDNA clone IMAGE:4369783, partial cds		78	88	125	76	66	120
224790_at	development and differentiation enhancing factor 1	DDEF1	336	409	587	516	527	673
212619_at	KIAA0286 protein	KIAA0286	50	54	75	216	221	138
230844_at	Hypothetical gene supported by BC008048		35	18	23	102	91	67
222767_s_at	hypothetical protein FLJ21415	FLJ21415	80	91	126	64	68	81
212463_at	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)	CD59	65	87	132	90	98	140
205872_x_at	phosphodiesterase 4D interacting protein (myomegalin)	PDE4DIP	708	658	932	1263	1256	1350
225047_at	nucleoporin like 1	NUPL1	94	97	141	227	221	207
203372_s_at	suppressor of cytokine signaling 2	SOCS2	48	47	66	109	104	133
203744_at	high-mobility group box 3	HMGB3	84	75	110	51	59	74
202146_at	interferon-related developmental regulator 1	IFRD1	165	150	220	313	342	390
202392_s_at	phosphatidylserine decarboxylase	PISD	381	434	627	306	288	660
203097_s_at	Rap guanine nucleotide exchange factor (GEF) 2	RAPGEF2	1541	1507	2220	8068	7198	6160
212373_at	Fem-1 homolog b (C. elegans)	FEM1B	200	241	342	160	169	253
202843_at	DnaJ (Hsp40) homolog, subfamily B, member 9	DNAJB9	181	172	250	390	382	315
215173_at	similar to RIKEN cDNA 4930457P18	LOC123872	22	20	35	145	124	88
206341_at	interleukin 2 receptor, alpha	IL2RA	22	19	26	102	92	55

Figure 23-64

220444_at	zinc finger protein 557	ZNF557	42	46	65	31	37	44
1555399_a_at	dual specificity phosphatase 16	DUSP16	72	74	101	140	121	128
238727_at	Hypothetical gene supported by BC008048		141	164	200	2269	2295	1186
239486_at	Transcribed locus		252	254	361	846	834	620
205746_s_at	a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme)	ADAM17	204	214	318	331	332	433
206079_at	choroideremia-like (Rab escort protein 2)	CHML	33	40	57	78	78	77
204729_s_at	syntaxin 1A (brain)	STX1A	140	132	188	71	78	111
1569325_at	actin related protein 2/3 complex, subunit 5, 16kDa	ARPC5	29	33	47	46	54	54
203096_s_at	Rap guanine nucleotide exchange factor (GEF) 2	RAPGEF2	178	187	271	1358	1305	935
204902_s_at	APG4 autophagy 4 homolog B (S. cerevisiae)	APG4B	87	76	112	51	68	104
230762_at	Hypothetical LOC400134		49	38	52	99	89	94
211105_s_at	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	NFATC1	140	147	213	298	258	302
201531_at	zinc finger protein 36, C3H type, homolog (mouse)	ZFP36	4129	3448	4828	7232	6298	7547
202073_at	optineurin	OPTN	77	89	111	213	208	205
1558561_at	histocompatibility (minor) 13	HM13	45	46	67	33	29	43
205281_s_at	phosphatidylinositol glycan, class A (paroxysmal nocturnal hemoglobinuria)	PIGA	131	120	171	372	345	285
204209_at	phosphate cytidylyltransferase 1, choline, alpha isoform	PCYT1A	180	194	274	134	140	198
204049_s_at	phosphatase and actin regulator 2	PHACTR2	46	48	67	59	68	100
209486_at	disrupter of silencing 10	SAS10	304	342	471	562	603	527
211160_x_at	actinin, alpha 1	ACTN1	1304	1507	2132	993	1057	1934
218450_at	heme binding protein 1	HEBP1	238	255	355	175	168	255

Figure 23-65

202149_at	neural precursor cell expressed, developmentally down-regulated 9	NEDD9	644	585	847	349	373	594
207539_s_at	interleukin 4	IL4	46	49	65	71	82	111
227755_at	CDNA clone IMAGE:4077090, partial cds		934	896	1244	1684	1559	1931
209939_x_at	CASP8 and FADD-like apoptosis regulator	CFLAR	1110	1152	1571	5223	5101	4473
204057_at	Interferon regulatory factor 8	IRF8	519	526	748	1168	1294	1330
239045_at	Endoplasmic reticulum to nucleus signalling 1	ERN1	57	56	79	88	79	115
208960_s_at	Kruppel-like factor 6	KLF6	622	645	910	1443	1492	2099
208961_s_at	Kruppel-like factor 6	KLF6	1421	1381	1908	2906	3087	4226
241331_at	Src family associated phosphoprotein 2	SCAP2	38	30	40	48	51	78
1568616_a_at	hypothetical LOC399884	LOC399884	26	19	28	63	57	69
204089_x_at	mitogen-activated protein kinase kinase 4	MAP3K4	152	177	245	1170	1003	918
226784_at	TWIST neighbor	TWISTNB	100	104	151	483	422	308
236528_at	Ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	26	26	36	35	39	63
207767_s_at	early growth response 4	EGR4	58	39	53	76	76	72
204347_at	adenylate kinase 3-like 2	AK3, AK3L2	101	110	130	289	269	273
223273_at	chromosome 14 open reading frame 142	C14orf142	271	267	370	170	186	296
202270_at	guanylate binding protein 1, interferon-inducible, 67kDa	GBP1	643	505	718	2217	2096	1360
228914_at	Transcribed locus, moderately similar to XP_517655.1 similar to KIAA0825 protein [Pan troglodytes]		32	31	45	73	57	71
1554283_at	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	CCRN4L	39	34	47	283	245	154
206118_at	signal transducer and activator of transcription 4	STAT4	143	172	224	561	521	384

Figure 23-66

221485_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5	B4GALT5	1562	1732	2317	3664	3682	3091
209544_at	receptor-interacting serine-threonine kinase 2	RIPK2	102	90	123	526	541	328
211139_s_at	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	465	597	796	1327	1305	1114
235177_at	similar to hepatocellular carcinoma-associated antigen HCA557b	LOC151194	117	114	172	309	310	298
218276_s_at	salvador homolog 1 (Drosophila)	SAV1	152	161	234	940	813	809
217825_s_at	ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	UBE2J1	401	439	605	710	694	898
203060_s_at	3'-phosphoadenosine 5'-phosphosulfate synthase 2	PAPSS2	766	753	1036	496	515	738
217949_s_at	vitamin K epoxide reductase complex, subunit 1	VKORC1	313	309	429	179	200	318
228381_at	Activating transcription factor 7 interacting protein 2	ATF7IP2	155	156	214	492	468	950
228083_at	calcium channel, voltage-dependent, alpha 2/delta subunit 4	CACNA2D4	164	197	276	211	224	345
224889_at	forkhead box O3A	FOXO3A	214	192	273	380	394	391
213142_x_at	hypothetical protein LOC54103	LOC54103	369	411	544	854	822	827
243423_at	Transcribed locus		36	30	39	163	156	146
236115_at			67	65	87	41	43	63
210563_x_at	CASP8 and FADD-like apoptosis regulator	CFLAR	896	1039	1377	4496	4410	3691
212171_x_at	vascular endothelial growth factor	VEGF	603	625	858	1174	1012	1238
201688_s_at	tumor protein D52	TPD52	10	10	12	61	53	50
222883_at	hypothetical protein FLJ12439	FLJ12439	62	52	74	34	34	47
202043_s_at	spermine synthase	SMS	504	500	688	1068	1159	1033
221039_s_at	development and differentiation enhancing factor 1	DDEF1	331	410	564	506	513	657
215134_at	phosphatidylinositol 4-kinase type II	PI4KII	166	149	199	82	84	140

Figure 23-67

209272_at	NGFI-A binding protein 1 (EGR1 binding protein 1)	NAB1	1139	1222	1621	2693	2709	2155
229958_at	Ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)	CLN8	100	109	146	46	49	98
234315_at	BTB and CNC homology 1, basic leucine zipper transcription factor 1	BACH1	45	37	50	59	67	78
210935_s_at	WD repeat domain 1	WDR1	626	812	1081	1077	1170	1058
210655_s_at	forkhead box O3A	FOXO3A	143	151	215	320	323	322
209345_s_at	phosphatidylinositol 4-kinase type II	PI4KII	746	791	1058	402	408	672
210916_s_at	CD44 antigen (homing function and Indian blood group system)	CD44	1784	2193	2965	3223	3249	3584
1566079_at	ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)	ELOVL5	25	26	37	55	54	77
224911_s_at	discoidin, CUB and LCCL domain containing 2	DCBLD2	28	30	41	31	31	58
231779_at	interleukin-1 receptor-associated kinase 2	IRAK2	1975	1886	2459	4043	3949	3928
1556414_at	Full length insert cDNA clone ZD81A03	C21orf71	13	11	17	84	104	92
1569827_at	APG7 autophagy 7-like (S. cerevisiae)	APG7L	24	30	43	65	64	62
206214_at	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	PLA2G7	579	578	737	1053	1050	683
228371_s_at	ureidopropionase, beta	UPB1	81	104	139	130	128	176
220507_s_at	KIAA0020	KIAA0020	50	62	79	226	233	189
203712_at	translation factor sui1 homolog	GC20	75	97	126	140	147	142
201738_at	C-type lectin domain family 12, member A	CLEC12A	2440	2541	3370	6270	6507	5063
1552398_a_at			307	319	392	863	733	589

Figure 23-68

1555950_a_at	decay accelerating factor for complement (CD55, Crmer blood group system)	DAF	2907	2751	3626	7209	6404	6862
203125_x_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	SLC11A2	148	163	213	298	332	372
204348_s_at	adenylate kinase 3	AK3	243	281	331	766	801	685
226268_at	RAB21, member RAS oncogene family	RAB21	181	195	255	356	371	347
214099_s_at	phosphodiesterase 4D interacting protein (myomegalin)	PDE4DIP	115	103	138	177	181	228
238790_at	CLR pseudogene	LOC374443	23	19	29	89	97	88
1554173_at	triggering receptor expressed on myeloid cells 5	TREM5	189	181	225	89	106	135
209346_s_at	phosphatidylinositol 4-kinase type II	PI4KII	206	234	308	133	128	221
205568_at	aquaporin 9	AQP9	5566	5744	7471	12086	11405	10942
211269_s_at	interleukin 2 receptor, alpha	IL2RA	22	23	28	118	99	61
226560_at	Sphingosine-1-phosphate phosphatase 2	SGPP2	191	237	339	1593	1433	896
209700_x_at	phosphodiesterase 4D interacting protein (myomegalin)	PDE4DIP	99	89	121	162	162	185
223282_at	serologically defined colon cancer antigen 33	SDCCAG33	170	180	227	89	95	141
244780_at	sphingosine-1-phosphate phosphatase 2	SGPP2	59	89	107	618	568	310
244868_at	Zinc fingers and homeoboxes 2	ZHX2	37	32	45	94	74	77
224606_at	Homo sapiens, clone IMAGE:4096273, mRNA		1797	1825	2380	3426	3428	4175
201926_s_at	decay accelerating factor for complement (CD55, Crmer blood group system)	DAF	2225	2125	2793	5669	5213	5328
202861_at	period homolog 1 (Drosophila)	PER1	100	73	92	46	35	55
212663_at	KIAA0674	KIAA0674	684	795	1041	434	456	721
227786_at	thyroid hormone receptor associated protein 6	THRAP6	91	68	89	140	160	118

Figure 23-69

1554237_at	serologically defined colon cancer antigen 8	SDCCAG8	35	41	53	98	89	80
204841_s_at	early endosome antigen 1, 162kD	EEA1	57	60	78	41	41	68
236080_at	Homo sapiens, clone IMAGE:3616855, mRNA		45	52	62	86	65	91
210119_at	potassium inwardly-rectifying channel, subfamily J, member 15	KCNJ15	357	347	493	120	136	174
227697_at	suppressor of cytokine signaling 3	SOCS3	1583	1487	1940	6559	6239	4238
227947_at	phosphatase and actin regulator 2	PHACTR2	110	136	182	168	174	263
230888_at	HSPC049 protein	HSPC049	52	52	68	32	43	52
1565772_at	p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast)	PAK1	38	47	63	53	62	78
222502_s_at	ubiquitin-fold modifier 1	Ufm1	312	454	588	608	601	658
240260_at	Protein tyrosine phosphatase, non-receptor type 1	PTPN1	26	26	35	57	49	69
31826_at	KIAA0674	KIAA0674	577	638	832	314	331	602
203373_at	suppressor of cytokine signaling 2	SOCS2	100	94	126	253	230	338
206943_at	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)	TGFBR1	154	150	197	86	95	125
212621_at	KIAA0286 protein	KIAA0286	161	192	243	774	737	534
228758_at	Hypothetical LOC389185		96	101	131	239	215	255
244335_at	Transcribed locus		67	79	102	221	259	205
215185_at	hypothetical gene supported by AK024177	LOC441468	122	150	189	79	82	137
218898_at	membrane protein expressed in epithelial-like lung adenocarcinoma	CT120	30	24	31	52	56	42
207624_s_at	retinitis pigmentosa GTPase regulator	RPGR	53	70	91	159	164	183
235242_at	CDNA FLJ41375 fis, clone BRCAN2007700		1390	1420	1869	4077	3980	3715
227723_at	loss of heterozygosity, 12, chromosomal region 1	LOH12CR1	50	58	73	163	169	121
205027_s_at	mitogen-activated protein kinase kinase kinase 8	MAP3K8	327	383	501	2699	2867	1330

Figure 23-70

240796_at	KIAA0376 protein	KIAA0376	10	9	12	64	71	61
201631_s_at	immediate early response 3	IER3	9847	9092	11663	18762	17852	18156
219448_at	hypothetical protein FLJ20533	FLJ20533	42	50	62	23	27	37
1555858_at	Hypothetical gene supported by AK128398		51	57	73	69	67	110
1555832_s_at	Homo sapiens, clone IMAGE:4096273, mRNA		3351	3158	3992	6255	5997	7297
213065_at	hypothetical protein MGC23401	MGC23401	332	373	477	716	655	770
226811_at	family with sequence similarity 46, member C	FAM46C	63	60	73	106	124	103
207000_s_at	protein phosphatase 3 (formerly 2B), PPP3CC catalytic subunit, gamma isoform (calcineurin A gamma)	PPP3CC	66	58	73	148	136	142
206474_at	PCTAIRE protein kinase 2	PCTK2	86	97	128	136	139	161
210559_s_at	cell division cycle 2, G1 to S and G2 to M	CDC2	33	40	49	292	252	180
226021_at	retinol dehydrogenase 10 (all-trans)	RDH10	36	37	46	74	66	74
203344_s_at	retinoblastoma binding protein 8	RBBP8	402	410	520	975	877	844
200670_at	X-box binding protein 1	XBP1	1680	1599	1949	3861	3587	2986
224336_s_at	dual specificity phosphatase 16	DUSP16	181	193	239	388	384	324
240572_s_at	CLR pseudogene	LOC374443	47	58	72	205	212	221
1560058_at	Hypothetical gene supported by AK093779		29	21	27	60	61	62
214228_x_at	tumor necrosis factor receptor superfamily, member 4	TNFRSF4	66	57	57	153	144	85
213337_s_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5	B4GALT5	37	35	45	74	63	58
221484_at			1962	2464	3041	5531	5728	4862
212902_at	SEC24 related gene family, member A (S. cerevisiae)	SEC24A	278	319	402	601	567	570
211367_s_at	caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)	CASP1	538	624	766	1398	1422	1190

Figure 23-71

1554175_at	triggering receptor expressed on myeloid cells 5	TREM5	236	269	328	168	163	193
242320_at	Forkhead box O3A	FOXO3A	71	69	98	149	138	162
218749_s_at	solute carrier family 24 (sodium/potassium/calcium exchanger), member 6	SLC24A6	314	305	381	178	174	234
225287_s_at	chromosome 14 open reading frame 9	C14orf9	329	324	409	193	192	383
204268_at	S100 calcium binding protein A2	S100A2	133	132	167	68	72	99
222870_s_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	B3GNT1	217	201	251	542	505	443
207442_at	colony stimulating factor 3 (granulocyte)	CSF3	10	5	7	315	257	159
215856_at	CD33 antigen-like 3	CD33L3	30	32	43	35	34	75
217738_at	pre-B-cell colony enhancing factor 1	PBEF1	2972	2748	3415	7061	6490	5572
239453_at	Formin binding protein 1	FNBP1	33	27	33	64	53	71
227973_at	hypothetical protein FLJ38973	FLJ38973	111	93	118	59	71	70
222150_s_at	hypothetical protein LOC54103	LOC54103	317	371	450	708	674	684
238469_at	Opioid growth factor receptor-like 1	OGFRL1	238	253	314	523	574	563
229521_at	hypothetical protein FLJ36031	FLJ36031	486	555	636	1105	1036	698
232130_at	CDNA FLJ13050 fis, clone NT2RP3001432		177	183	221	105	126	165
213497_at	ankyrin repeat and BTB (POZ) domain containing 2	ABTB2	118	115	139	294	294	224
219032_x_at	opsin 3 (encephalopsin, panopsin)	OPN3	354	379	463	490	475	743
233020_at	SEC22 vesicle trafficking protein-like 1 (S. cerevisiae)	SEC22L1	37	38	48	77	95	107
232504_at	hypothetical protein LOC285628	LOC285628	319	360	451	2619	2864	1952
225699_at	hypothetical protein LOC285958	LOC285958	230	239	291	554	580	452
235579_at	Splicing factor, arginine/serine-rich 2, interacting protein	SFRS2IP	87	116	135	164	171	207
244159_at	Hypothetical gene supported by BC008048		32	34	40	261	266	134

Figure 23-72

32541_at	protein phosphatase 3 (formerly 2B), PPP3CC catalytic subunit, gamma isoform (calcineurin A gamma)	43	45	54	104	109	96
226838_at	Similar to CG14894-PA	95	81	100	176	168	180
224891_at	forkhead box O3A	1131	1180	1453	2285	2217	2099
206360_s_at	suppressor of cytokine signaling 3	213	226	298	1223	1189	696
217128_s_at	calcium/calmodulin-dependent protein kinase 1G	29	28	40	62	56	45
228812_at	Transcribed locus, weakly similar to NP_689672.2 hypothetical protein MGC45438 [Homo sapiens]	1281	1363	1670	4016	3746	3137
1554676_at	proteoglycan 1, secretory granule	127	110	132	220	244	214
212225_at	Putative translation initiation factor	53	47	65	94	83	100
239081_at	LOC440064	40	41	49	147	132	99
226218_at	Interleukin 7 receptor	442	495	481	1962	1819	1084
1554391_at	TANK-binding kinase 1	26	27	29	113	122	93
1558166_at	hypothetical protein MGC16275	41	38	47	73	81	98
212712_at	calmodulin regulated spectrin-associated protein 1	270	297	362	156	177	264
239876_at	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)	120	110	137	354	313	336
219394_at	phosphatidylglycerophosphate synthase	175	181	218	113	104	158
204698_at	interferon stimulated gene 20kDa	386	346	429	879	878	555
1554132_a_at	KIAA1128	59	66	78	142	159	99
206472_s_at	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	273	296	359	158	154	224
202030_at	branched chain ketoacid dehydrogenase kinase	263	281	339	188	170	227
232472_at	PRO1310	65	58	83	136	128	165
227110_at	heterogeneous nuclear ribonucleoprotein C (C1/C2)	928	984	1181	2100	2062	1830
223767_at	G protein-coupled receptor 84	1178	1226	1433	3511	3564	3234

Figure 23-73

217739_s_at	pre-B-cell colony enhancing factor 1	PBEF1	4563	4076	4862	8114	7513	6516
200751_s_at	heterogeneous nuclear ribonucleoprotein C (C1/C2)	HNRPC	1175	1269	1525	2922	3003	2581
224378_x_at	microtubule-associated protein 1 light chain 3 alpha	MAP1LC3A	80	80	91	178	170	124
1555766_a_at	guanine nucleotide binding protein (G protein), gamma 2	GNG2	94	93	112	232	235	159
236685_at	Transcribed locus		52	47	58	154	140	204
209970_x_at	caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)	CASP1	1248	1357	1579	2785	2823	2564
212711_at	calmodulin regulated spectrin-associated protein 1	CAMSAP1	266	285	337	140	160	287
1552548_at	Bartter syndrome, infantile, with sensorineural deafness (Barttin)	BSND	34	33	39	62	56	48
242776_at	zinc finger, CCHC domain containing 6	ZCCHC6	64	65	83	37	40	67
1554544_a_at	Myelin basic protein	MBP	340	367	427	170	178	264
1569583_at	epiregulin	EREG	171	155	207	618	498	332
241820_at	RAP1 interacting factor homolog (yeast)	RIF1	65	71	84	94	123	105
215462_at	Hypothetical protein LOC149478	LOC149478	95	74	94	126	121	154
206359_at	suppressor of cytokine signaling 3	SOC3	487	449	528	2561	2575	1792
211192_s_at	CD84 antigen (leukocyte antigen)	CD84	160	175	206	98	104	199
204039_at	CCAAT/enhancer binding protein (C/EBP), alpha	CEBPA	297	399	471	181	205	303
1555790_a_at	hypothetical protein FLJ38482	FLJ38482, LOC162967	95	92	111	56	67	86
226281_at	delta-notch-like EGF repeat-containing transmembrane	DNER	18	21	24	58	55	56
201126_s_at	mannosyl (alpha-1,3)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	MGAT1	2139	2059	2422	1240	1231	1771
219582_at	opioid growth factor receptor-like 1	OGFRL1	210	231	278	335	332	461
206134_at	ADAM-like, decysin 1	ADAMDEC1	98	105	125	490	463	325

Figure 23-74

1552828_at	sorting nexin associated golgi protein 1	SNAG1	36	42	46	75	63	54
235587_at	hypothetical protein LOC202781	LOC202781	33	35	40	72	81	52
1554783_s_at	rho/rac guanine nucleotide exchange factor (GEF) 2	ARHGEF2	56	85	102	144	153	152
212710_at	calmodulin regulated spectrin- associated protein 1	CAMSAP1	168	181	212	102	116	182
220966_x_at	actin related protein 2/3 complex, subunit 5-like	ARPC5L	424	466	551	247	266	330
212626_x_at	heterogeneous nuclear ribonucleoprotein C (C1/C2)	HNRPC	2533	2639	3097	5670	5505	5115
1558588_at	chromosome 10 open reading frame 78	C10orf78	29	29	32	48	57	47
236027_at	chromosome 10 open reading frame 110	C10orf110	279	240	293	1169	1074	966
220703_at	zinc binding alcohol dehydrogenase, ZADH2 domain containing 2		35	46	53	59	60	66
227978_s_at			77	82	98	49	47	63
1560199_x_at	Zinc finger, SWIM domain containing 6	ZSWIM6	66	71	82	160	161	168
222571_at	ST6 (alpha-N-acetyl-neuraminy)-2,3- acetyl-galactosaminide alpha-2,6- sialyltransferase 6	ST6GALNAC6	109	100	119	71	63	84
221971_x_at	similar to ARF GTPase-activating protein	FLJ00312	116	116	143	204	189	267
228263_at	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	GRASP	145	105	116	204	196	151
237759_at	CD48 antigen (B-cell membrane protein)	CD48	87	78	92	158	172	176
224740_at	LOC441075		677	769	894	320	373	468
218297_at	chromosome 10 open reading frame 97	C10orf97	56	39	46	68	93	62
220230_s_at	cytochrome b5 reductase b5R.2	CYB5R2	41	37	43	118	113	77

Figure 23-75

201363_s_at	influenza virus NS1A binding protein	IVNS1ABP	669	639	757	1319	1200	1029
1555467_a_at	CUG triplet repeat, RNA binding protein 1	CUGBP1	206	237	280	388	442	382
202245_at	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	LSS	75	86	103	179	161	156
1564430_at	HBxAg transactivated protein 2	XTP2	21	22	26	85	87	91
206099_at	protein kinase C, eta	PRKCH	94	100	119	261	237	172
205548_s_at	BTG family, member 3	BTG3	495	527	597	1741	1580	1245
220655_at	TNFAIP3 interacting protein 3	TNIP3	23	33	44	2130	1707	549
219940_s_at	hypothetical protein FLJ11305	FLJ11305	249	280	322	558	563	497
223124_s_at	HT014	HT014	387	413	481	250	237	355
218810_at	hypothetical protein FLJ23231	FLJ23231	495	498	577	3475	3428	2720
238638_at	solute carrier family 37 (glycerol-3-phosphate transporter), member 2	SLC37A2	263	243	282	133	114	174
244219_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)	NFKB1	119	132	154	425	419	378
209239_at	retinoic acid receptor, alpha	RARA	281	259	298	151	166	222
216300_x_at	signaling lymphocytic activation molecule family member 1	SLAMF1	11	12	13	76	58	66
202357_s_at	B-factor, properdin	BF	13	14	15	170	161	60
206631_at	prostaglandin E receptor 2 (subtype EP2), 53kDa	PTGER2	2088	2428	2614	4082	4413	4277
1569401_at	C-type lectin domain family 12, member A	CLEC12A	49	45	49	117	112	76
224684_at	Sorting nexin 12	SNX12	421	468	534	248	272	356
221750_at	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)	HMGCS1	172	157	179	334	299	263
212838_at	Dynamin binding protein	DNMBP	423	459	535	229	231	323
211368_s_at	caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)	CASP1	786	865	979	1843	1844	1670
212623_at	transmembrane protein 41B	TMEM41B	727	736	873	1564	1486	1218
202074_s_at	optineurin	OPTN	178	196	230	384	361	342

Figure 23-76

204934_s_at	hepsin (transmembrane protease, serine 1)	HPN	29	19	22	55	59	31
214170_x_at	fumarate hydratase	FH	333	280	318	656	577	561
209795_at	CD69 antigen (p80, early T-cell activation antigen)	CD69	452	369	443	1660	1860	1527
212769_at	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	254	266	307	132	146	190
214737_x_at	heterogeneous nuclear ribonucleoprotein C (C1/C2)	HNRPC	2613	2719	3112	5554	5314	5039
211806_s_at	potassium inwardly-rectifying channel, subfamily J, member 15	KCNJ15	191	198	245	93	102	119
1553364_at	patatin-like phospholipase domain containing 1	PNPLA1	41	33	37	103	94	67
213134_x_at	BTG family, member 3	BTG3	743	752	856	2468	2376	1736
225235_at	transmembrane 4 superfamily member 17	TM4SF17	87	81	91	41	50	53
209545_s_at	receptor-interacting serine-threonine kinase 2	RIPK2	707	738	838	3365	3146	2354
211366_x_at	caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)	CASP1	1230	1396	1557	2653	2589	2550
33304_at	interferon stimulated gene 20kDa	ISG20	424	395	454	888	795	567
220671_at	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	CCRN4L	32	34	40	76	54	57
205307_s_at	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	KMO	522	594	656	1135	1012	1147
205798_at	interleukin 7 receptor	IL7R	143	171	172	688	699	427
1554519_at	CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)	CD80	54	52	58	115	126	95
218764_at	protein kinase C, eta	PRKCH	226	258	287	585	566	455
229715_at	CDNA FLJ41663 fis, clone FEBRA2027297		652	703	785	1791	1660	1517
1560274_at	Wilms tumor 1 associated protein	WTAP	44	36	44	129	139	163

Figure 23-77

201924_at	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 2	MLLT2	370	345	391	187	201	291
1554239_s_at	zinc binding alcohol dehydrogenase, ZADH2 domain containing 2	ZADH2	148	148	170	76	78	117
229043_at	PAP associated domain containing 5	PAPD5	156	166	198	96	95	116
221516_s_at	hypothetical protein FLJ20232	FLJ20232	230	234	263	114	143	170
226843_s_at	PAP associated domain containing 5	PAPD5	167	159	201	82	84	104
241877_at	Transcribed locus, weakly similar to XP_375935.1 hypothetical protein LOC284825 [Homo sapiens]		21	21	23	56	56	57
207629_s_at	rho/rac guanine nucleotide exchange factor (GEF) 2	ARHGEF2	289	337	390	579	586	590
219500_at	cardiotrophin-like cytokine	CLC	111	107	121	464	423	454
210230_at	MRNA; cDNA DKFZp666D074 (from clone DKFZp666D074)		101	106	131	281	229	297
213164_at	solute carrier family 5 (inositol transporters), member 3	SLC5A3	67	53	58	98	99	104
206687_s_at	protein tyrosine phosphatase, non-receptor type 6	PTPN6	1043	1021	1154	481	487	682
203749_s_at	retinoic acid receptor, alpha	RARA	708	703	783	334	328	503
213931_at	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	ID2	279	224	260	591	594	646
224793_s_at	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)	TGFBRI	2226	2393	2678	1153	1211	1817
1566709_at			31	25	31	70	71	70
230446_at			16	23	25	122	101	71
210136_at	Myelin basic protein	MBP	599	589	662	278	299	445

Figure 23-78

202071_at	syndecan 4 (amphiglycan, ryudocan) SDC4	622	666	709	2122	1950	1596
219522_at	four jointed box 1 (Drosophila)	24	25	29	77	69	46
244804_at	Sequestosome 1	326	248	272	187	182	421
236561_at	Transforming growth factor, beta receptor 1 (activin A receptor type II-like kinase, 53kDa)	49	52	69	22	17	54
233899_x_at	Zinc finger and BTB domain containing 10	70	67	68	590	564	331
216841_s_at	superoxide dismutase 2, mitochondrial	2990	3014	3316	6525	6663	5450
202441_at	SPFH domain family, member 1	142	141	158	74	82	91
225895_at	synaptopodin 2	15	17	22	253	259	147
1560156_at	Homo sapiens, clone IMAGE:5735420, mRNA	36	40	46	141	150	155
225491_at	solute carrier family 1 (glial high affinity glutamate transporter), member 2	28	20	22	56	59	33
202085_at	tight junction protein 2 (zona occludens 2)	301	405	455	978	1062	1159
220054_at	interleukin 23, alpha subunit p19	39	24	24	2043	1821	431
240410_at	Similar to KIAA0386	78	85	97	163	149	161
243521_at	Transcribed locus	32	27	29	53	55	44
226534_at	KIT ligand	22	21	22	87	67	39
227086_at	Hypothetical protein LOC128977	71	64	70	50	47	39
240061_at	Hypothetical protein LOC54103	50	55	62	106	100	103
221850_x_at	centaurin, gamma-like family, member 1	111	124	148	263	228	319
203045_at	ninjurin 1	4153	4406	4792	9402	8812	8902
204951_at	ras homolog gene family, member H	128	134	147	577	483	297
241235_at	Transcribed locus, moderately similar to XP_517655.1 similar to KIAA0825 protein [Pan troglodytes]	29	30	34	48	53	38
215987_at		43	51	57	209	201	149

Figure 23-79

225149_at	hypothetical protein FLJ11305	FLJ11305	82	107	117	219	211	164
212963_at	heterogeneous nuclear ribonucleoprotein C (C1/C2)	HNRPC	37	53	57	60	58	60
200014_s_at	lysosomal-associated membrane protein 3	LAMP3	1695	1814	1986	3669	3551	3298
205569_at	hypothetical protein MGC19764	MGC19764	66	83	91	559	554	276
1557078_at	hypothetical protein MGC48972	MGC48972	104	98	105	317	288	178
239648_at	S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))	S100A10	186	187	201	724	625	454
238909_at	hypothetical protein LOC339047	LOC339047	233	241	260	117	128	215
221501_x_at	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)	LOC339047	343	356	390	303	231	397
205822_s_at	KIAA0882 protein cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	HMGCS1	58	60	65	112	110	103
212956_at	laminin, beta 3	KIAA0882	733	752	801	1750	1754	1465
236313_at	ureidopropionase, beta	CDKN2B	51	41	42	140	120	65
209270_at	hypothetical protein FLJ20152	LAMB3	378	460	483	993	923	744
228219_s_at	Pre-B-cell colony enhancing factor 1	UPB1	43	57	54	145	151	122
218532_s_at	thymopoietin	FLJ20152	35	25	29	75	63	52
243296_at	likely ortholog of mouse dilute suppressor	PBEF1	300	228	269	841	780	711
209753_s_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1	TMPO	38	35	37	94	82	41
215115_x_at	Transcribed locus	DSU	39	31	35	59	63	55
227621_at	N-terminal asparagine amidase	DSU	2324	2508	2735	6377	6165	5491
219648_at	coilin	DSU	72	85	88	196	225	155
211631_x_at	KIAA1737	B4GALT1	120	130	143	268	269	225
229795_at	Mst3 and SOK1-related kinase	NTAN1	39	27	32	59	59	53
213061_s_at		COIL	112	108	116	49	57	62
203653_s_at		KIAA1737	67	53	55	29	35	42
225623_at		MST4	61	70	74	29	32	41
218499_at			442	474	505	1611	1634	1048

Figure 23-80

243819_at	Guanine nucleotide binding protein (G protein), gamma 2	GNG2	70	70	82	359	300	255
205599_at	TNF receptor-associated factor 1	TRAF1	717	783	743	2613	2617	2196
224965_at	guanine nucleotide binding protein (G protein), gamma 2	GNG2	287	272	290	591	575	407
210458_s_at	TRAF family member-associated NFKB activator	TANK	180	193	207	382	387	295
204512_at	human immunodeficiency virus type 1 enhancer binding protein 1	HIVEP1	515	486	497	1255	1267	1036
225780_at	regulatory solute carrier protein, family 1, member 1	RSC1A1	150	152	160	57	65	96
222108_at	amphoterin induced gene 2	AMIGO2	22	23	24	75	81	48
204655_at			239	223	235	1254	1143	522
235829_at			27	29	31	68	64	69
223283_s_at	serologically defined colon cancer antigen 33	SDCCAG33	147	168	166	79	83	119
209706_at	NK3 transcription factor related, locus 1 (Drosophila)	NKX3-1	42	52	60	132	139	103
219276_x_at	chromosome 9 open reading frame 82	C9orf82	119	127	133	257	239	171
238794_at	chromosome 10 open reading frame 78	C10orf78	125	170	176	818	797	730
220386_s_at	echinoderm microtubule associated protein like 4	EML4	361	523	533	648	696	575
229630_s_at	Wilms tumor 1 associated protein	WTAP	5023	5195	5526	10447	9906	9410
212184_s_at	mitogen-activated protein kinase kinase 7 interacting protein 2	MAP3K7IP2	1003	1132	1169	2122	2081	1666
234983_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]		418	389	419	203	200	289
224407_s_at	Mst3 and SOK1-related kinase	MST4	131	170	179	594	624	377
204593_s_at	hypothetical protein FLJ20232	FLJ20232	175	206	214	99	101	131
203137_at	Wilms tumor 1 associated protein	WTAP	3733	4053	4265	7752	7348	6886
233011_at	Annexin A1	ANXA1	67	65	70	24	31	45

Figure 23-81

211521_s_at	pleckstrin homology, Sec7 and coiled-coil domains 4	PSCD4	102	106	113	61	65	58
209579_s_at	methyl-CpG binding domain protein 4	MBD4	462	476	500	240	258	298
204269_at	pim-2 oncogene	PIM2	135	141	152	483	390	240
203971_at	solute carrier family 31 (copper transporters), member 1	SLC31A1	119	92	93	58	52	66
205214_at	serine/threonine kinase 17b (apoptosis-inducing)	STK17B	402	386	397	775	655	526
226356_at	chromosome 9 open reading frame 54	C9orf54	65	44	42	30	25	34
226074_at	likely ortholog of mouse protein phosphatase 2C eta	FLJ32332	316	331	344	155	162	197
204148_s_at	POM (POM121 homolog, rat) and ZP3 fusion	POMZP3, ZP3	99	105	108	257	226	207
234344_at	RAP2C, member of RAS oncogene family	RAP2C	234	221	236	546	605	375
1555167_s_at	pre-B-cell colony enhancing factor 1	PBEF1	2433	2391	2501	5352	4848	4177
212960_at	KIAA0882 protein	KIAA0882	129	128	131	277	279	222
204224_s_at	GTP cyclohydrolase 1 (dopa-responsive dystonia)	GCH1	4460	4139	4294	10333	9881	8319
238482_at	Kruppel-like factor 7 (ubiquitous)	KLF7	43	43	43	106	92	60
1567013_at	nuclear factor (erythroid-derived 2)-like 2	NFE2L2	498	520	531	1000	1122	894
234341_x_at	hypothetical protein LOC91548	LOC91548	35	46	48	79	70	59
239886_at	Ring finger protein 130	RNF130	90	90	96	49	56	85
218627_at	hypothetical protein FLJ11259	FLJ11259	1183	1254	1300	4549	4215	3186
221620_s_at	hypothetical protein MGC4825	MGC4825	45	41	41	82	76	54
239891_x_at	RAB12, member RAS oncogene family	RAB12	196	164	163	437	442	243
203033_x_at	fumarate hydratase	FH	227	247	256	554	510	508
218700_s_at	RAB7, member RAS oncogene family-like 1	RAB7L1	107	91	91	53	67	75
227333_at	Hypothetical protein MGC48972	MGC48972	288	269	269	728	685	501
214787_at	c-myc promoter binding protein	MYCPBP	84	97	100	377	405	254

Figure 23-82

207538_at	interleukin 4	IL4	52	53	56	78	80	131
1557466_at	hypothetical gene supported by AK055666; BC039324	LOC441072	34	40	40	85	80	63
1552691_at	ADP-ribosylation factor-like 11	ARL11	73	69	68	23	27	34
1555465_at	mucoilin 2	MCOLN2	48	51	49	217	216	94
217475_s_at	LIM domain kinase 2	LIMK2	44	42	46	122	113	83
240440_at	N-acetylneuraminase pyruvate lyase (dihydrodipicolinate synthase)	NPL	132	129	137	41	38	87
235341_at	DnaJ (Hsp40) homolog, subfamily C, DNAJC3 member 3		132	164	167	260	240	229
242814_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9	SERPINB9	308	209	226	553	598	636
202551_s_at	cysteine-rich motor neuron 1	CRIM1	44	48	49	112	128	66
239629_at	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	97	71	75	216	221	183
212770_at	Transcribed locus		729	816	826	397	401	567
230523_at	methy-CpG binding domain protein 4	MBD4	76	65	65	47	43	39
214047_s_at			301	321	326	155	176	200
210285_x_at	Wilms tumor 1 associated protein	WTAP	2170	2731	2712	6042	5683	5374
220330_s_at	SAM domain, SH3 domain and nuclear localisation signals, 1	SAMSN1	3358	3185	3189	6389	6296	3957
213415_at	chloride intracellular channel 2	CLIC2	82	79	81	160	171	123
216627_s_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1	B4GALT1	121	136	149	343	325	258
1554352_s_at	c-myc promoter binding protein	MYCPBP	130	152	156	464	481	342
223014_at	ubiquitin-conjugating enzyme E2R 2	UBE2R2	1721	1964	1985	945	1005	1310
232183_at	serine active site containing 1	SERAC1	79	69	69	37	39	45
1553055_a_at	hypothetical protein MGC19764	MGC19764	41	50	51	154	161	80
225480_at	FLJ45459 protein	FLJ45459	597	636	572	1403	1356	919
1559078_at	B-cell CLL/lymphoma 11A (zinc finger protein)	BCL11A	29	30	29	46	42	65

Figure 23-83

224781_s_at	RNA binding motif protein 17	RBM17	366	373	374	976	912	599
225342_at	Adenylate kinase 3	AK3	218	232	213	427	453	397
203950_s_at	chloride channel 6	CLCN6	78	77	80	50	37	63
223519_at	eukaryotic translation initiation factor 4E binding protein 1	EIF4EBP1	157	152	155	282	317	277
221539_at	KIAA0794 protein	KIAA0794	107	98	97	57	43	62
217100_s_at	zinc finger protein 183 (RING finger, C3HC4 type)	ZNF183	182	178	182	88	94	123
209565_at	methy1-CpG binding domain protein 4	MBD4	147	169	168	100	83	118
1567219_at	ras homolog gene family, member U	RHOU	48	61	59	85	80	80
209580_s_at	erythropoietin receptor	EPOR	259	300	297	144	158	178
223169_s_at	thyroid hormone receptor interactor 10	TRIP10	67	77	75	249	226	127
215054_at	CASP8 and FADD-like apoptosis regulator	CFLAR	72	57	58	38	39	42
202734_at	CASP8 and FADD-like apoptosis regulator	CFLAR	67	67	66	202	164	103
210564_x_at	chemokine (C-C motif) ligand 5	CCL5	417	453	466	1382	1315	905
211316_x_at	Mitogen-activated protein kinase kinase 8	MAP3K8	689	697	707	2005	1956	1413
1555759_a_at	fasciculation and elongation protein zeta 1 (zyg1)	FEZ1	185	198	195	1056	1023	541
235013_at	cat eye syndrome chromosome region, candidate 5	CECR5	229	192	187	104	96	126
235421_at	KIAA1702 protein	KIAA1702	97	88	92	321	344	117
240652_at	radical fringe homolog (Drosophila)	RFNG	75	59	61	36	32	45
203562_at	UDP-glucuronate decarboxylase 1	UXS1	43	41	36	78	65	45
218592_s_at	CASP8 and FADD-like apoptosis regulator	CFLAR	102	101	101	52	53	67
1556060_a_at			245	215	220	107	131	132
212968_at			78	57	58	38	38	41
219675_s_at			323	392	384	949	910	614
208485_x_at			703	783	793	2037	1957	1471

Figure 23-84

238519_at	regulatory solute carrier protein, family 1, member 1	RSC1A1	70	81	79	28	32	48
211605_s_at	retinoic acid receptor, alpha	RARA	157	205	202	100	103	137
210284_s_at	mitogen-activated protein kinase kinase kinase 7 interacting protein 2	MAP3K7IP2	807	1021	987	1768	1733	1304
241817_at	FLJ43654 protein	FLJ43654	100	99	95	54	65	51
227049_at	zinc binding alcohol dehydrogenase, ZADH2 domain containing 2	ZADH2	126	132	130	48	56	73
202788_at	mitogen-activated protein kinase-activated protein kinase 3	MAPKAPK3	1113	1096	1078	560	576	669
239186_at	hypothetical protein MGC39372	MGC39372	187	180	169	433	347	282
230630_at	Adenylate kinase 3	AK3	48	64	62	95	124	108
211317_s_at	CASP8 and FADD-like apoptosis regulator	CFLAR	520	596	598	1631	1612	1139
235971_at	TRAF-interacting protein with a forkhead-associated domain	TIFA	16	22	21	62	61	42
210981_s_at	G protein-coupled receptor kinase 6	GRK6	193	167	163	81	87	110
214678_x_at	Zinc finger protein, X-linked	ZFX	135	122	122	379	363	251
211144_x_at	TCR gamma alternate reading frame protein	TARP, TRGV9	31	31	30	157	115	61
220865_s_at	trans-prenyltransferase	TPRT	178	194	192	1613	1619	1030
225583_at	UDP-glucuronate decarboxylase 1	UXS1	327	369	355	879	895	564
227542_at	Suppressor of cytokine signaling 6	SOCS6	106	111	103	43	44	46
202848_s_at	G protein-coupled receptor kinase 6	GRK6	73	96	95	44	44	77
204106_at	testis-specific kinase 1	TESK1	148	106	103	82	72	75
219256_s_at	SH3 domain and tetratricopeptide repeats 1	SH3TC1	304	342	325	164	190	212
224948_at	mitochondrial ribosomal protein S24	MRPS24	1691	1596	1541	4132	3729	2676
202207_at	ADP-ribosylation factor-like 7	ARL7	1681	1597	1466	664	624	765
209508_x_at	CASP8 and FADD-like apoptosis regulator	CFLAR	531	543	549	1354	1318	1069

Figure 23-85

207920_x_at	zinc finger protein, X-linked	ZFX	104	107	104	305	293	233
1405_i_at	chemokine (C-C motif) ligand 5	CCL5	215	236	224	1337	1236	608
218668_s_at	RAP2C, member of RAS oncogene family	RAP2C	727	678	653	1677	1802	1124
223981_at	ninein (GSK3B interacting protein)	NIN	40	44	44	101	96	64
230659_at	SPFH domain family, member 1	SPFH1	133	179	169	243	230	197
202444_s_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8	SERPINF8	53	59	57	32	29	36
206034_at	RNA binding motif protein 17	RBM17	873	994	963	1820	1868	1465
224780_at	zinc finger and BTB domain containing 10	ZBTB10	124	121	116	276	258	186
219312_s_at	zinc finger, DHHC domain containing 2	ZDHHC2	62	64	56	552	529	287
222731_at	Formin binding protein 1	FBNP1	320	299	291	147	167	168
230389_at	Chromosome 4 unknown transcript 1		63	47	42	140	127	104
1559573_at	variant 2 mRNA, partial sequence, alternatively spliced		14	14	12	129	109	50
32069_at	Nedd4 binding protein 1	N4BP1	943	828	790	1689	1664	961
212641_at	human immunodeficiency virus type 1 enhancer binding protein 2	HIVEP2	297	352	354	813	764	674
225407_at	CDNA FLJ36269 fis, clone THYMU2003012		699	821	808	312	362	454
205322_s_at	metal-regulatory transcription factor 1	MTF1	709	707	649	1470	1505	1152
228340_at	Transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)	TLE3	367	357	342	180	194	256
204407_at	transcription termination factor, RNA polymerase II	TTF2	29	31	29	49	56	32
1558783_at	Wilms tumor 1 associated protein	WTAP	166	130	135	437	434	442
213940_s_at	formin binding protein 1	FBNP1	277	282	271	555	495	427
224964_s_at	guanine nucleotide binding protein (G protein), gamma 2	GNG2	1641	1662	1621	3271	3322	2205
210001_s_at	suppressor of cytokine signaling 1	SOCS1	75	61	60	299	282	137

Figure 23-86

209037_s_at	EH-domain containing 1	EHD1	1049	1280	1155	3652	3441	2417
221986_s_at	DRE1 protein	DRE1	144	139	129	52	46	96
211862_x_at	CASP8 and FADD-like apoptosis regulator	CFLAR	686	798	777	2024	1973	1446
201963_at	acyl-CoA synthetase long-chain family member 1	ACSL1	3185	3291	3072	9044	8786	5702
224675_at	mesoderm development candidate 2	MESDC2	494	500	474	254	252	286
228562_at	Zinc finger and BTB domain containing 10	ZBTB10	77	65	58	476	434	252
238077_at	potassium channel tetramerisation domain containing 6	KCTD6	84	81	76	26	28	39
225721_at	Synaptopodin 2	SYNPO2	51	64	62	320	311	195
209491_s_at	adenosine monophosphate deaminase (isoform E)	AMPD3	107	118	112	196	192	189
220104_at	zinc finger CCCH type, antiviral 1	ZC3HAV1	182	171	160	947	951	436
206020_at	suppressor of cytokine signaling 6	SOCS6	91	83	78	38	43	38
226189_at	Homo sapiens, clone IMAGE:4794726, mRNA		105	151	128	1166	1193	521
225123_at	Sestrin 3	SESN3	74	75	67	139	133	92
217985_s_at	bromodomain adjacent to zinc finger domain, 1A	BAZ1A	875	868	808	1689	1767	1250
209722_s_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9	SERPINF9	1243	1473	1373	3133	3206	2581
221985_at	DRE1 protein	DRE1	207	204	186	86	87	163
225005_at	PHD finger protein 13	PHF13	185	225	204	58	67	119
230850_at	Huntingtin interacting protein C	HIPC	58	42	41	95	91	61
209628_at	nuclear transport factor 2-like export factor 2	NXT2	244	227	214	627	619	377
212861_at	hypothetical protein MGC11308	MGC11308	354	391	377	170	197	227
208810_at	DnaJ (Hsp40) homolog, subfamily B, member 6	DNAJB6	659	697	647	1654	1720	917
212642_s_at	human immunodeficiency virus type 1 enhancer binding protein 2	HIVEP2	566	606	582	1203	1062	1095
219382_at	SERTA domain containing 3	SERTAD3	242	218	201	113	109	123

Figure 23-87

222863_at	zinc finger and BTB domain containing 10	ZBTB10	29	29	22	152	122	88
212441_at	adenylate cyclase 9	ADCY9	709	686	636	356	393	423
204497_at	nuclear receptor coactivator 7	NCOA7	55	44	40	73	77	60
225344_at	zinc finger protein 555	ZNF555	385	279	223	620	639	339
1553286_at	pleckstrin homology, Sec7 and coiled-coil domains 4	PSCD4	63	55	52	20	21	27
219183_s_at	KIAA0984 protein	KIAA0984	376	350	325	168	177	208
213912_at	phosphatidylinositol 4-kinase type-II beta	PI4K2B	46	43	39	110	95	52
222631_at	dual specificity phosphatase 12	DUSP12	144	125	114	346	338	175
218576_s_at	tumor necrosis factor, alpha-induced protein 8	TNFAIP8	62	67	60	30	44	47
208296_x_at	hypothetical protein FLJ11078	FLJ11078	3248	3193	2796	7275	7201	5651
219354_at	RNA binding motif protein 17	RBM17	65	59	55	22	18	36
225751_at	Wiskott-Aldrich syndrome-like transcription factor 7-like 2 (T-cell specific, HMG-box)	WASL	265	273	246	529	483	347
205809_s_at	interferon regulatory factor 2 binding protein 2	IRF2BP2	75	66	65	39	40	37
216511_s_at	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)	IL12B	256	285	255	598	528	379
224571_at	TRAF family member-associated NFKB activator	TANK	323	353	318	165	182	250
207901_at	sterile alpha motif and leucine zipper containing kinase AZK	ZAK	15	13	14	492	516	58
209451_at	Kruppel-like factor 7 (ubiquitous)	KLF7	618	654	600	1195	1262	914
218833_at	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	HS3ST3B1	121	138	126	249	242	195
1555420_a_at	v-Ha-ras Harvey rat sarcoma viral oncogene homolog	HRAS	94	109	100	231	232	142
221062_at	chromosome 13 open reading frame 18	C13orf18	32	27	30	102	88	56
212983_at			58	52	45	28	35	33
219471_at			347	472	370	980	980	497

Figure 23-88

241068_at	DORA reverse strand protein 1	173	180	165	422	459	282
243999_at	hypothetical protein MGC19764	127	131	115	267	284	156
1569599_at	SAM domain, SH3 domain and nuclear localisation signals, 1	73	73	75	169	175	87
218099_at	uncharacterized hypothalamus protein HT008	146	184	166	77	84	120
209629_s_at	nuclear transport factor 2-like export factor 2	77	96	86	269	247	157
209196_at	chromosome 6 open reading frame 11	87	72	67	55	38	48
239213_at	Serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1	109	108	97	218	194	133
218223_s_at	CK2 interacting protein 1; HQ0024c	636	640	579	262	254	384
235116_at	TNF receptor-associated factor 1	162	190	156	627	620	540
213772_s_at	golgi associated, gamma adaptin ear containing, ARF binding protein 2	305	301	269	152	157	189
1555638_a_at	SAM domain, SH3 domain and nuclear localisation signals, 1	3493	3772	3301	8756	8152	4848
207992_s_at	adenosine monophosphate deaminase (isoform E)	1313	1485	1364	2594	2580	2758
202206_at	ADP-ribosylation factor-like 7	1258	1283	1124	499	452	595
238987_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1	63	53	51	126	126	135
1557036_at	Zinc finger and BTB domain containing 1	58	51	47	25	31	40
203643_at	Ets2 repressor factor	176	164	145	102	87	95
205973_at	fasciculation and elongation protein zeta 1 (zygin I)	40	34	30	86	83	44
219299_at	hypothetical protein FLJ20772	92	96	84	53	48	48
210260_s_at	tumor necrosis factor, alpha-induced protein 8	3700	3957	3344	8479	8056	6623

Figure 23-89

44790_s_at	chromosome 13 open reading frame 18	C13orf18	303	377	288	769	817	363
242191_at	hypothetical LOC400781	AG1, LOC200030, LOC400781	32	25	25	78	79	72
200881_s_at	DnaJ (Hsp40) homolog, subfamily A, member 1	DNAJA1	3376	3637	3210	7479	6897	4706
1561908_a_at	Heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	HS3ST3B1	144	152	138	554	571	281
206420_at	immunoglobulin superfamily, member 6	IGSF6	522	566	493	1233	1291	805
1552542_s_at	T-cell activation GTPase activating protein	TAGAP	92	93	81	157	166	138
224508_at	hypothetical protein MGC12916	MGC12916	83	86	75	170	159	121
222301_at	Transcriptional activator of the c-fos promoter	CROCC	51	47	42	225	183	95
226776_at	tripartite motif-containing 33	TRIM33	56	45	37	44	37	28
210266_s_at	phosphoinositide-3-kinase, catalytic, gamma polypeptide	PIK3CG	668	704	618	328	357	433
206370_at	hypothetical protein MGC11102	MGC11102	112	113	94	55	69	55
239377_at	chromosome 1 open reading frame 24	C1orf24	353	357	312	179	169	223
217966_s_at	hypothetical protein LOC389072	LOC389072	141	119	104	324	321	193
1560069_at	zinc finger protein 268	ZNF268	43	33	30	69	62	61
209989_at	zinc finger protein 516	ZNF516	59	52	45	30	39	30
203604_at	paraneoplastic antigen MA1	PNMA1	119	123	108	53	64	74
218224_at	Signal transducer and activator of transcription 1, 91kDa	STAT1	293	328	265	131	142	177
232375_at	CD38 antigen (p45)	CD38	57	48	40	79	86	50
205692_s_at	EH-domain containing 1	EHD1	112	115	107	252	216	156
209038_s_at	RAP2C, member of RAS oncogene family	RAP2C	993	1027	853	2761	2661	1775
229593_at	lamin B receptor	LBR	86	89	81	40	55	59
218669_at	ubiquitin specific protease 19	USP19	1397	1436	1248	3110	2978	2142
201795_at			939	817	715	369	415	495
214674_at			70	64	56	46	38	38

Figure 23-90

214462_at 1552772_at	suppressor of cytokine signaling 6 C-type lectin domain family 4, member D	SOCS6 CLEC4D	68 123	79 111	70 88	43 239	38 206	45 103
235173_at 160020_at	hypothetical LOC401093 matrix metalloproteinase 14 (membrane-inserted)	LOC401093 MMP14	82 125	73 111	63 94	131 184	136 183	82 122
207643_s_at	tumor necrosis factor receptor superfamily, member 1A	TNFRSF1A	2076	2095	1829	1081	1051	817
215485_s_at	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	ICAM1	502	499	436	1927	1824	1369
210145_at	phospholipase A2, group IVA (cytosolic, calcium-dependent)	PLA2G4A	50	52	45	130	124	96
210190_at 218869_at 203752_s_at 207275_s_at	syntaxin 11 malonyl-CoA decarboxylase jun D proto-oncogene acyl-CoA synthetase long-chain family member 1	STX11 MLYCD JUND ACSL1	609 47 2727 3823	727 62 2604 4581	632 54 2241 3897	1410 26 1317 11992	1375 19 1192 11257	1080 33 1441 7583
227310_at 209267_s_at	solute carrier family 39 (zinc transporter), member 8	SLC39A8	66 2604	72 2495	59 1862	30 5872	44 5485	51 3146
205789_at 200880_at 212520_s_at	CD1D antigen, d polypeptide SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	CD1D SMARCA4	74 1777 99	67 1754 76	55 1502 69	32 3613 69	31 3475 75	42 2193 44
210087_s_at 222221_x_at 1554958_at 216035_x_at	myelin protein zero-like 1 EH-domain containing 1 hypothetical protein FLJ31295 transcription factor 7-like 2 (T-cell specific, HMG-box)	MPZL1 EHD1 FLJ31295 TCF7L2	27 2319 83 311	38 2646 80 339	34 2167 68 285	69 6213 42 618	60 5502 46 601	57 4481 59 431
201502_s_at	nuclear factor of kappa light polypeptide gene enhancer in B- cells inhibitor, alpha	NFKBIA	8794	9149	7904	17026	16491	14692
202208_s_at	ADP-ribosylation factor-like 7	ARL7	854	768	657	312	312	335

Figure 23-91

216037_x_at	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2	296	308	263	534	534	385
205220_at	G protein-coupled receptor 109B	GPR109B	1159	1104	884	3496	3284	2205
217176_s_at	zinc finger protein, X-linked	ZFX	60	72	61	218	213	140
217309_s_at	Down syndrome critical region gene 3	DSCR3	65	69	58	30	43	52
1556346_at	TRAF family member-associated NFKB activator	TANK	508	457	388	273	308	240
207616_s_at	Transcribed locus		1711	1919	1600	3146	2929	2675
242586_at	hypothetical protein BC011824	LOC113179	36	32	28	93	89	43
230634_x_at	hypothetical protein MGC39518	MGC39518	146	123	106	49	39	59
1554178_a_at	Hypothetical protein FLJ20582	FLJ20582	99	88	72	49	55	54
220608_s_at	nuclear antigen Sp100	SP100	58	68	57	32	43	50
202864_s_at	Transcribed locus, weakly similar to NP_060312.1 hypothetical protein FLJ20489 [Homo sapiens]		478	497	430	246	251	247
236314_at	DnaJ (Hsp40) homolog, subfamily B, member 6		50	44	36	88	78	52
208811_s_at	bromodomain adjacent to zinc finger domain, 1A	BAZ1A	837	950	802	1842	1807	1104
217986_s_at	chromosome 7 open reading frame 16	C7orf16	1334	1322	1129	2572	2504	1824
220231_at	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	ANP32B	152	150	129	372	354	181
201306_s_at	mutS homolog 6 (E. coli)	MSH6	1521	1657	1389	702	713	987
202911_at	Baculoviral IAP repeat-containing 3	BIRC3	174	184	155	424	381	365
230499_at	hypothetical protein FLJ25590	FLJ25590	418	412	344	1280	1187	775
1557312_at	proteasome (prosome, macropain) subunit, alpha type, 6	PSMA6	36	37	32	159	133	91
1569868_s_at	acetyl-Coenzyme A		62	47	39	38	37	30
208805_at	acetyltransferase 2 (acetoacetyl Coenzyme A thiolase)	ACAT2	3886	4024	3309	7874	7653	4839
209608_s_at			132	149	126	322	307	254

Figure 23-92

239363_at	Chromosome 9 open reading frame 80	C9orf80	148	127	105	87	72	61
207247_s_at	zinc finger protein, Y-linked	ZFY, ZFY	54	60	52	217	205	150
226773_at	MRNA (clone ICRFp50711077)		155	148	121	251	251	191
202181_at	KIAA0247	KIAA0247	1968	1997	1701	3754	3504	3102
225099_at	F-box protein 45	FBXO45	142	157	131	70	79	68
204278_s_at	estrogen receptor binding site associated, antigen, 9	EBAG9	81	70	59	49	54	36
204171_at	ribosomal protein S6 kinase, 70kDa, RPS6KB1 polypeptide 1	RPS6KB1	120	95	81	66	75	54
204063_s_at	unc-51-like kinase 2 (C. elegans)	ULK2	26	29	26	58	56	47
226280_at	BCL2/adenovirus E1B 19kDa interacting protein 2	BNIP2	363	346	288	176	175	224
204387_x_at	mitochondrial ribosomal protein 63	MRP63	153	113	93	73	73	75
228938_at			62	84	70	29	37	47
202054_s_at	aldehyde dehydrogenase 3 family, member A2	ALDH3A2	55	55	46	40	23	31
202552_s_at	cysteine-rich motor neuron 1	CRIM1	40	37	31	73	73	51
218319_at	pellino homolog 1 (Drosophila)	PELI1	1420	1471	1226	5050	4973	2979
219289_at	hypothetical protein FLJ20718	FLJ20718	74	79	70	33	33	36
218486_at	Kruppel-like factor 11	KLF11	169	166	133	73	79	96
222653_at	pyridoxine 5'-phosphate oxidase	PNPO	66	68	58	43	35	43
1557966_x_at	hypothetical protein MGC61716	MGC61716	90	84	68	59	59	47
228170_at	oligodendrocyte transcription factor 1	OLIG1	1729	2070	1734	413	601	862
207535_s_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	NFKB2	347	358	305	728	558	435
212761_at	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2	929	928	735	1705	1658	1237
205300_s_at	U11/U12 snRNP 35K	U1SNRNPBP	73	86	72	61	58	45
212762_s_at	transcription factor 7-like 2 (T-cell specific, HMG-box)	TCF7L2	75	81	68	168	166	109
218986_s_at	hypothetical protein FLJ20035	FLJ20035	83	70	58	131	134	79
203785_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28	DDX28	72	82	64	27	28	33

Figure 23-93

207405_s_at 226728_at	RAD17 homolog (S. pombe) solute carrier family 27 (fatty acid transporter), member 1	RAD17 SLC27A1	60 85	51 81	42 64	31 49	45 33	27 48
208112_x_at 203532_x_at 209077_at 202723_s_at	EH-domain containing 1 cullin 5 thioredoxin 2 forkhead box O1A (rhabdomyosarcoma)	EHD1 CUL5 TXN2 FOXO1A	2971 57 221 106	3061 62 172 102	2327 50 140 85	6804 41 120 45	6230 49 92 45	4842 28 115 59
223168_at	ras homolog gene family, member U	RHOA	380	443	354	1301	1251	607
231699_at 215930_s_at 214062_x_at	CTAGE family, member 5 nuclear factor of kappa light polypeptide gene enhancer in B- cells inhibitor, beta	CTAGE5 NFKBIB	119 110 120	143 78 149	113 66 142	296 49 239	293 54 233	266 46 206
235995_x_at 204062_s_at 235670_at 205992_s_at 235648_at 222243_s_at 227277_at 35150_at	Transcription factor EC unc-51-like kinase 2 (C. elegans) Transcribed locus interleukin 15 zinc finger protein 567 transducer of ERBB2, 2 LYRIC/3D3 CD40 antigen (TNF receptor superfamily member 5)	TFEC ULK2 IL15 ZNF567 TOB2 LYRIC CD40	51 41 1569 133 60 281 75 180	47 42 1788 142 64 261 61 189	38 33 1430 111 51 214 52 151	78 100 2974 255 37 143 47 399	88 88 2753 265 35 142 44 424	59 62 2283 169 31 141 36 222
207075_at 229268_at 219869_s_at	cold autoimmune syndrome 1 hypothetical protein BC007706 solute carrier family 39 (zinc transporter), member 8	CIAS1 LOC90268 SLC39A8	970 178 1353	920 164 1643	758 131 1110	7161 84 3825	6738 95 3409	4644 88 1891
204601_at 203447_at	Nedd4 binding protein 1 proteasome (prosome, macropain) 26S subunit, non-ATPase, 5	N4BP1 PSMD5	546 229	557 251	453 209	957 894	895 694	517 530
239063_at 225641_at	CDNA FLJ39803 fis, clone SPLEN2007794 MADS box transcription enhancer factor 2, polypeptide D (myocyte enhancer factor 2D)		21 160	25 150	21 122	54 81	59 103	36 109

Figure 23-94

217173_s_at	low density lipoprotein receptor (familial hypercholesterolemia)	LDLR	98	102	84	266	237	133
217501_at	WD repeat domain 39	WDR39	193	133	110	124	96	78
222326_at	Phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 duncle homolog, Drosophila)	PDE4B	120	118	103	273	275	199
204781_s_at	Fas (TNF receptor superfamily, member 6)	FAS	95	106	86	180	173	124
227045_at	zinc finger protein 614	ZNF614	119	113	91	71	82	60
201670_s_at	myristoylated alanine-rich protein kinase C substrate	MARCKS	2789	3285	2640	7700	7522	5373
215346_at	CD40 antigen (TNF receptor superfamily member 5)	CD40	101	94	75	201	219	117
1557609_s_at	TBC1 domain family, member 12	TBC1D12	31	31	29	49	58	48
226725_at	Transcribed locus		221	218	175	442	425	251
201945_at	furin (paired basic amino acid cleaving enzyme)	FURIN	662	596	474	309	285	341
242281_at	Glutamate-ammonia ligase (glutamine synthase)	GLUL	173	163	129	92	83	83
218706_s_at	HCV NS3-transactivated protein 2	NS3TP2	25	27	22	79	95	50
223174_at			175	182	146	116	121	93
229295_at	hypothetical protein LOC150166	LOC150166	1002	982	812	421	430	480
204136_at	collagen, type VII, alpha 1 (epidermolysis bullosa, dystrophic, dominant and recessive)	COL7A1	153	113	92	90	83	76
223057_s_at	exportin 5	XPO5	59	72	58	34	43	43
218149_s_at	zinc finger protein 395	ZNF395	72	59	48	33	27	29
242234_at	XIAP associated factor-1	HSXIAPAF1	82	56	44	96	104	54
1561469_at	Homo sapiens, clone IMAGE:5583213, mRNA		16	16	15	58	54	34
225904_at	LOC126731	LOC126731	226	228	181	76	80	122
218522_s_at	BPY2 interacting protein 1	BPY2IP1	323	339	271	176	152	169
219920_s_at	GDP-mannose pyrophosphorylase B	GMPPB	100	84	69	65	68	45
235175_at	guanylate binding protein 4	GBP4	130	118	87	214	222	112

Figure 23-95

229983_at	tigger transposable element derived 2	TIGD2	57	58	46	27	30	32
204370_at	ATP/GTP-binding protein	HEAB	416	437	353	235	246	220
204436_at	PH domain-containing protein	pp9099	2585	2670	2139	1142	1120	1345
208534_s_at	hypothetical protein FLJ21767	FLJ21767,	103	100	82	67	53	70
		RASA4						
1552330_at	hypothetical protein MGC16385	MGC16385	59	64	50	22	30	32
224783_at	hypothetical protein MGC29814	MGC29814	298	277	221	158	139	162
212541_at	FAD-synthetase	PP591	75	62	49	41	45	35
1552257_a_at	KIAA0153 protein	KIAA0153	73	63	49	40	39	43
223728_at	hypothetical protein MGC16385	MGC16385	115	123	97	40	51	50
217371_s_at	interleukin 15	IL15	47	38	33	74	74	49
210959_s_at	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)	SRD5A1	87	79	60	41	49	57
32723_at	cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa	CSTF1	65	60	50	32	32	29
202459_s_at	lipin 2	LPIN2	385	382	297	176	195	240
239035_at	5,10-methylenetetrahydrofolate reductase (NADPH)	MTHFR	81	76	62	54	49	41
202067_s_at	low density lipoprotein receptor (familial hypercholesterolemia)	LDLR	125	122	95	340	291	161
227784_s_at	component of oligomeric golgi complex 1	COG1	65	68	57	37	36	44
235574_at	guanylate binding protein 4	GBP4	74	70	50	127	142	71
213692_s_at			143	145	113	63	58	77
238030_at			45	58	44	40	30	32
229022_at	Zinc finger protein, X-linked	ZFX	127	131	106	337	314	251
219678_x_at	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)	DCLRE1C	203	158	119	98	97	84
1552344_s_at	CCR4-NOT transcription complex, subunit 7	CNOT7	56	63	52	33	37	36
208669_s_at	CREBBP/EP300 inhibitor 1	CR11	383	387	311	254	270	203
227139_s_at	Hermansky-Pudlak syndrome 3	HPS3	214	249	205	123	112	129

Figure 23-96

218301_at	arginyl aminopeptidase (aminopeptidase B)-like 1	RNPEPL1	208	167	131	98	91	91
226111_s_at	zinc finger protein 385	ZNF385	775	750	584	371	383	484
202644_s_at	tumor necrosis factor, alpha-induced protein 3	TNFAIP3	6096	5789	4563	14289	13314	11252
221244_s_at			86	94	74	40	52	60
227150_at	Metal-regulatory transcription factor	MTF1	971	1154	896	1997	1918	1485
227981_at	cytochrome b-561 domain containing	CYB561D1	269	245	189	107	122	120
227634_at	serine/threonine kinase 32C	STK32C	68	50	41	50	47	33
223056_s_at	exportin 5	XPO5	129	103	84	59	63	71
213455_at	Hypothetical protein BC001096	LOC92689	75	66	47	30	28	35
224507_s_at	hypothetical protein MGC12916	MGC12916	140	145	120	291	258	184
209606_at	pleckstrin homology, Sec7 and coiled-coil domains, binding protein	PSCDBP	3146	2761	2175	1933	2066	1437
228677_s_at	hypothetical protein FLJ21438	FLJ21438	213	167	132	124	114	103
238846_at	Tumor necrosis factor receptor superfamily, member 11a, activator of NFKB	TNFRSF11A	90	80	62	43	50	41
209667_at	carboxylesterase 2 (intestine, liver)	CES2	173	118	93	90	91	77
224393_s_at	cat eye syndrome chromosome region, candidate 6	CECR6	95	97	75	20	22	26
219723_x_at	1-acylglycerol-3-phosphate O- acyltransferase 3	AGPAT3	95	77	60	66	50	51
203432_at	thymopoietin	TMPO	116	121	95	407	343	145
206026_s_at	tumor necrosis factor, alpha-induced protein 6	TNFAIP6	3112	2852	2409	11025	10448	8074
215947_s_at	hypothetical protein FLJ14668	FLJ14668	110	81	63	53	54	51
230110_at	mucolin 2	MCOLN2	100	91	67	506	451	184
223265_at	KIAA1720 protein	KIAA1720	91	80	62	50	48	43
205640_at	aldehyde dehydrogenase 3 family, member B1	ALDH3B1	215	202	160	119	114	124
227521_at	F-box protein 33	FBXO33	552	586	464	294	311	353

Figure 23-97

202638_s_at	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	ICAM1	2258	2433	1884	7528	6639	5561
202076_at	baculoviral IAP repeat-containing 2	BIRC2	1809	1857	1434	3311	3191	2258
45828_at	hypothetical protein FLJ10241	FLJ10241	125	126	99	60	63	78
226158_at	hypothetical protein LOC339924	LOC339924	175	169	123	54	62	90
204780_s_at	Fas (TNF receptor superfamily, member 6)	FAS	170	170	132	281	285	211
204952_at	GPI-anchored metastasis-associated protein homolog	C4.4A	343	347	265	856	733	595
212886_at	DKFZP434C171 protein	DKFZP434C171	416	392	303	191	212	196
219891_at	pyroglutamyl-peptidase I	PGPEP1	75	64	54	39	35	42
225430_at	Splicing factor, arginine/serine-rich 9	SFRS9	129	134	107	83	76	70
238714_at	Similar to Rab12 protein	RAB12	100	93	78	165	164	133
213002_at	hypothetical protein LOC285957	LOC285957	1033	1216	928	2454	2430	1826
243601_at	hypothetical protein FLJ12886	FLJ12886	272	264	204	478	482	278
223188_at	Microfibrillar-associated protein 3	MFAP3	137	150	117	238	206	176
214588_s_at	carbonic anhydrase XIII	CA13	74	74	57	50	61	38
235899_at	peroxisomal proliferator-activated receptor A interacting complex 285	PRIC285	55	58	50	98	88	68
228230_at			72	80	61	145	136	70
225695_at	chromosome 2 open reading frame 18	C2orf18	298	277	214	140	154	162
218856_at	tumor necrosis factor receptor superfamily, member 21	TNFRSF21	253	240	181	394	319	221
225083_at	chromosome 6 open reading frame 51	C6orf51	702	659	512	1293	1230	715
225319_s_at	hypothetical protein FLJ14775	FLJ14775	348	314	245	144	169	146
225739_at	RAB11 family interacting protein 4 (class II)	RAB11FIP4	120	103	80	64	58	63
202637_s_at	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	ICAM1	2429	2696	2049	8832	8047	6673
205172_x_at	clathrin, light polypeptide (Lcb)	CLTB	226	207	159	119	139	108
210538_s_at	baculoviral IAP repeat-containing 3	BIRC3	752	795	614	3131	3091	1764

Figure 23-98

220761_s_at	TAO kinase 3	TAOK3	503	521	397	992	907	571
227361_at	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	HS3ST3B1	1003	988	805	4073	3731	2084
203686_at	N-methylpurine-DNA glycosylase	MPG	73	74	57	45	31	60
243299_at	Vaccinia related kinase 2	VRK2	138	129	104	88	86	68
204274_at	estrogen receptor binding site associated, antigen, 9	EBAG9	189	190	150	105	103	92
204834_at	fibrinogen-like 2	FGL2	782	708	619	300	298	373
222583_s_at	nucleoporin 50kDa	NUP50	124	130	100	62	64	64
211275_s_at	glycogenin	GYG	852	804	622	367	398	449
203274_at	coagulation factor VIII-associated (intronic transcript) 1	F8A1	459	504	405	1327	1248	1679
231948_s_at	NEDD8-conjugating enzyme	NCE2	169	137	107	97	87	90
209636_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	NFKB2	292	191	143	443	400	278
210378_s_at	Sjogren's syndrome nuclear autoantigen 1	SSNA1	108	105	83	44	51	58
205103_at	transcriptional activator of the c-fos promoter	CROC4	52	48	37	85	76	44
202969_at	Dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	DYRK2	75	70	54	27	29	20
219097_x_at	hypothetical protein MGC2747	MGC2747	347	292	224	180	178	163
205483_s_at	interferon, alpha-inducible protein (clone IFI-15K)	G1P2	1050	763	595	3104	3075	1254
218165_at	sarcoma antigen NY-SAR-91	FLJ11730	239	237	180	122	118	133
209375_at	xeroderma pigmentosum, complementation group C	XPC	114	106	80	64	63	56
221345_at	G protein-coupled receptor 43	GPR43	168	153	110	712	762	251
231963_at	Homo sapiens, clone IMAGE:3869276, mRNA		63	61	46	135	127	57
204451_at	frizzled homolog 1 (Drosophila)	FZD1	134	132	103	208	177	111
212564_at	potassium channel tetramerisation domain containing 2	KCTD2	82	73	55	38	24	33

Figure 23-99

227731_at	Zinc finger protein 9 (a cellular retroviral nucleic acid binding protein)	ZNF9	406	427	326	212	232	267
222867_s_at	mediator of RNA polymerase II transcription, subunit 31 homolog (yeast)	MED31	265	267	201	163	168	128
218640_s_at	pleckstrin homology domain containing, family F (with FYVE domain) member 2	PLEKHF2	609	630	477	2539	2613	1227
202836_s_at	thioredoxin-like 4A	TXNL4A	690	677	518	411	393	339
227514_at	Hypothetical protein LOC162073	LOC162073	115	105	78	60	71	55
203127_s_at	serine palmitoyltransferase, long chain base subunit 2	SPTLC2	205	213	161	111	103	131
222155_s_at	G protein-coupled receptor 172A	GPR172A	106	93	71	48	50	48
206288_at	protein geranylgeranyltransferase type I, beta subunit	PGGT1B	121	145	114	97	107	63
47105_at	hypothetical protein FLJ20399	FLJ20399	72	68	55	36	49	49
218037_at	chromosome 2 open reading frame 17	C2orf17	307	318	243	128	117	157
207500_at	caspase 5, apoptosis-related cysteine protease	CASP5	54	60	46	268	264	114
215338_s_at	natural killer-tumor recognition sequence	NKTR	63	55	41	33	30	26
202495_at	tubulin-specific chaperone c	TBCC	313	307	233	184	190	154
223491_at	COMM domain containing 2	COMMD2	91	81	62	47	54	40
203339_at	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	SLC25A12	39	42	31	76	77	53
1558943_x_at	xylosylprotein beta 1,4-		110	117	88	52	59	54
53076_at	galactosyltransferase, polypeptide 7 (galactosyltransferase I) likely ortholog of mouse	B4GALT7	80	68	52	47	42	32
234405_s_at	phosphorylated adaptor for RNA export	PHAX	66	74	56	49	45	36
218244_at	nucleolar protein 8	NOL8	102	115	88	58	60	68

Figure 23-100

202801_at	protein kinase, cAMP-dependent, catalytic, alpha	PRKACA	205	148	115	168	166	94
212288_at	formin binding protein 1	FNBP1	731	762	573	1196	1080	815
230619_at	aryl hydrocarbon receptor nuclear translocator	ARNT	65	62	49	49	40	36
241894_at	secretory protein LOC284013	LOC284013	63	53	42	55	30	37
235061_at	protein phosphatase 1K (PP2C domain containing)	PPM1K	62	64	46	147	141	87
1557953_at	zinc finger with KRAB and SCAN domains 1	ZKSCAN1	128	141	109	80	75	75
1554508_at	phosphoinositide-3-kinase adaptor protein 1	PIK3AP1	699	725	547	1636	1644	934
202464_s_at	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	PFKFB3	2530	2456	1866	6361	5995	3984
204169_at	IMP (inosine monophosphate) dehydrogenase 1	IMPDH1	346	221	175	179	171	140
222130_s_at	FtsJ homolog 2 (E. coli)	FTSJ2	110	121	90	52	53	59
218055_s_at	WD repeat domain 41	WDR41	145	140	106	84	98	72
218404_at	sorting nexin 10	SNX10	1776	1823	1382	3466	3564	2987
236537_at	Developmentally regulated GTP binding protein 1	DRG1	57	58	44	35	40	32
202680_at	general transcription factor IIE, polypeptide 2, beta 34kDa	GTF2E2	166	178	133	110	111	86
223298_s_at	5'-nucleotidase, cytosolic III	NT5C3	543	465	339	863	835	494
219198_at	general transcription factor IIIC, polypeptide 4, 90kDa	GTF3C4	108	137	101	64	71	70
213057_at	ATP synthase mitochondrial F1 complex assembly factor 2	ATPAF2	81	74	54	48	37	38
229167_at	Purine-rich element binding protein A	PURA	81	69	52	30	34	30
225678_at	paired immunoglobulin-like type 2 receptor alpha	PILRA	109	96	74	59	66	48
222218_s_at	AF464140	LOC163590	1030	1003	747	1641	1496	1146
230241_at	zinc finger protein 467	ZNF467	54	49	39	35	37	28
214746_s_at			162	148	104	66	74	81

Figure 23-101

210029_at	indoleamine-pyrrole 2,3 dioxygenase	INDO	74	78	60	195	172	92
202968_s_at	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	DYRK2	55	69	51	30	40	38
1556000_s_at	BTB (POZ) domain containing 7	BTBD7	148	143	111	81	82	97
226459_at	phosphoinositide-3-kinase adaptor protein 1	PIK3AP1	4289	4196	3216	6903	6649	4576
204334_at	Kruppel-like factor 7 (ubiquitous)	KLF7	154	159	118	233	249	153
216015_s_at	cold autoinflammatory syndrome 1	C1AS1	343	365	286	3977	3909	2405
217967_s_at	chromosome 1 open reading frame 24	C1orf24	635	675	491	1424	1303	790
219002_at	hypothetical protein FLJ21901	FLJ21901	139	123	93	80	78	62
212435_at	Tripartite motif-containing 33	TRIM33	334	350	262	163	172	181
222811_at	hypothetical protein FLJ11171	FLJ11171	209	222	166	94	109	111
1556283_s_at	FGFR1 oncogene partner 2	FGFR1OP2	323	334	249	170	162	190
213241_at	Plexin C1	PLXNC1	916	875	645	1490	1430	973
221766_s_at	family with sequence similarity 46, member A	FAM46A	598	498	344	370	359	223
218138_at	McKusick-Kaufman syndrome	MKKS	104	94	72	67	66	53
240454_at	Tetrapeptide repeat domain 7A	TTC7A	68	63	46	46	37	52
206025_s_at	tumor necrosis factor, alpha-induced protein 6	TNFAIP6	2768	2888	2241	16743	14622	11209
221830_at	RAP2A, member of RAS oncogene family	RAP2A	151	121	90	80	71	77
212199_at	PP784 protein	PP784	330	384	291	193	193	188
216202_s_at	serine palmitoyltransferase, long chain base subunit 2	SPTLC2	98	107	79	58	50	71
212347_x_at	MAX dimerization protein 4	MXD4	185	181	135	97	93	117
222699_s_at	pleckstrin homology domain containing, family F (with FYVE domain) member 2	PLEKHF2	646	729	531	3016	3009	1476
228497_at	solute carrier family 22 (organic cation transporter), member 15	SLC22A15	149	139	97	60	55	83
213051_at	zinc finger CCH type, antiviral 1	ZC3HAV1	501	482	350	953	914	558

Figure 23-102

212680_x_at	protein phosphatase 1, regulatory (inhibitor) subunit 14B	PPP1R14B	318	336	248	202	205	156
219858_s_at	FLJ20160 protein	FLJ20160	82	81	59	40	39	35
207375_s_at	interleukin 15 receptor, alpha	IL15RA	63	55	44	282	260	130
208741_at	sin3-associated polypeptide, 18kDa	SAP18	106	86	62	69	74	51
238725_at	Transcribed locus, moderately similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]		308	307	239	714	668	287
211495_x_at	tumor necrosis factor (ligand) superfamily, member 13	TNFSF12- TNFSF13, TNFSF13	179	182	136	97	82	94
226171_at	Hypothetical protein FLJ20209	FLJ20209	59	55	40	35	31	28
212193_s_at	likely ortholog of mouse la related protein	LARP	111	108	81	58	57	71
203010_at	signal transducer and activator of transcription 5A	STAT5A	313	329	245	1095	1009	623
227186_s_at	mitochondrial ribosomal protein L41	MRPL41	194	179	133	98	99	94
228867_at	hypothetical protein LOC128387	LOC128387	54	46	34	36	30	27
201827_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	SMARCD2	181	146	111	112	91	85
229862_x_at	zinc finger protein 499	ZNF499	158	114	86	80	78	64
212419_at	chromosome 10 open reading frame 56	C10orf56	119	114	84	65	57	60
212685_s_at	transducin (beta)-like 2	TBL2	240	262	193	116	113	122
218057_x_at	neighbor of COX4	NOC4	244	258	191	138	142	131
204535_s_at	RE1-silencing transcription factor	REST	137	108	80	73	74	63
228496_s_at	Fibroblast growth factor receptor 3	FGFR3	43	46	36	100	99	56
222006_at	(achondroplasia, thanatophoric dwarfism)		172	146	109	120	101	86
219146_at	hypothetical protein FLJ22729	FLJ22729	157	159	116	100	105	75

Figure 23-103

201668_x_at	myristoylated alanine-rich protein kinase C substrate	MARCKS	682	921	657	2355	2213	1573
235058_at	Hypothetical protein FLJ10349	FLJ10349	60	62	46	35	31	33
221771_s_at	M-phase phosphoprotein, mpp8	HSMPP8	160	184	137	100	106	85
216652_s_at	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	DR1	381	401	295	221	236	195
210218_s_at	nuclear antigen Sp100	SP100	298	273	196	149	157	143
224611_s_at	DnaJ (Hsp40) homolog, subfamily C, member 5	DNAJC5	497	426	321	235	246	212
227056_at	KIAA0141	KIAA0141	283	322	233	139	133	158
226763_at	SEC14 and spectrin domains 1	SESTD1	536	531	389	1221	1173	820
218378_s_at	PRKR interacting protein 1 (IL11 inducible)	PRKRIP1	110	116	86	73	74	58
235027_at	similar to Zinc finger protein 58 (Zfp-58) (Zinc finger protein Mfg-1)	LOC402524	75	68	50	41	51	36
1553978_at	MADS box transcription enhancer factor 2, polypeptide B (myocyte enhancer factor 2B)	MEF2B	200	189	140	130	120	91
209661_at	kinesin family member C3	KIFC3	155	126	92	91	80	68
235598_at	SMAD, mothers against DPP homolog 2 (Drosophila)	SMAD2	92	75	56	70	55	48
204448_s_at	phosducin-like	PDCL	166	158	117	96	85	84
238858_at	TRAF-interacting protein with a forkhead-associated domain	TIFA	15	16	13	65	64	32
212656_at	Ts translation elongation factor, mitochondrial	TSFM	114	111	80	91	79	51
216835_s_at	docking protein 1, 62kDa (downstream of tyrosine kinase 1)	DOK1	189	139	102	84	74	72
209379_s_at	KIAA1128	KIAA1128	154	173	126	262	261	170
226668_at	WD repeat and SAM domain containing 1	WDSAM1	85	86	60	47	38	50
224445_s_at	zinc finger, FYVE domain containing 21	ZFYVE21	95	73	53	30	43	36
241344_at	Galactosidase, beta 1	GLB1	370	337	248	184	174	156

Figure 23-104

205090_s_at	N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase	NAGPA	102	113	84	56	54	57
211761_s_at	calcyclin binding protein	CACYBP	213	236	173	127	115	112
210276_s_at	Tara-like protein	HRIHFB2122	204	199	141	105	96	107
226868_at	hypothetical protein LOC283464	LOC283464	181	172	124	80	87	83
230735_at	Interferon (alpha, beta and omega) receptor 2	IFNAR2	38	33	27	68	60	53
223221_at	SCO cytochrome oxidase deficient homolog 1 (yeast)	SCO1	111	128	94	74	65	54
37170_at	BMP2 inducible kinase	BMP2K	117	95	68	60	54	56
1562749_at	Homo sapiens, clone IMAGE:5541716, mRNA		136	175	129	464	420	320
223147_s_at	WD repeat domain 33	WDR33	103	108	79	60	60	53
223066_at	SNAP-associated protein	SNAPAP	590	611	445	296	325	287
201053_s_at	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	PSMF1	309	304	222	196	187	157
224326_s_at	polycarb group ring finger 6	PCGF6	69	66	50	32	38	33
214054_at	docking protein 2, 56kDa	DOK2	425	363	265	161	169	169
209658_at	CDC16 cell division cycle 16	CDC16	118	126	93	67	68	63
223269_at	homolog (S. cerevisiae) polymerase (RNA) III (DNA directed) polypeptide G (32kD) like	POLR3GL	61	56	40	38	40	33
225634_at	zinc finger CCCH type, antiviral 1	ZC3HAV1	359	351	257	853	787	495
226242_at	hypothetical protein DKFZp547B1713	DKFZp547B1713	198	234	174	152	140	116
203708_at	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 duncce homolog, Drosophila)	PDE4B	2641	2895	2166	6614	6254	4330
205776_at	flavin containing monooxygenase 5	FMO5	41	44	33	74	72	49
205508_at	sodium channel, voltage-gated, type I, beta	SCN1B	48	39	34	81	74	57
224871_at	hypothetical protein LOC127262	LOC127262	340	321	234	134	138	164
241627_x_at	hypothetical protein FLJ10357	FLJ10357	51	42	30	30	26	26

Figure 23-105

222762_x_at	LIM domains containing 1	LIMD1	149	135	101	58	66	54
222129_at	Chromosome 2 open reading frame 17	C2orf17	364	341	248	149	151	168
238319_at	Homo sapiens, clone IMAGE:5541716, mRNA		125	162	117	307	283	232
221781_s_at	DnaJ (Hsp40) homolog, subfamily C, DNAJC10 member 10		87	86	63	47	42	45
212229_s_at	F-box protein 21	FBXO21	120	122	87	60	67	61
213923_at	RAP2B, member of RAS oncogene family	RAP2B	2461	2447	1779	953	994	961
219938_s_at	proline-serine-threonine phosphatase interacting protein 2	PSTPIP2	357	385	275	946	850	488
224376_s_at	chromosome 20 open reading frame 24	C20orf24	1260	1236	900	560	574	537
218890_x_at	mitochondrial ribosomal protein L35	MRPL35	122	117	87	81	72	59
212820_at	Dmx-like 2	DMXL2	1351	1321	946	2175	1977	1448
221804_s_at	family with sequence similarity 45, member B	FAM45A, FAM45B	203	196	137	101	101	106
218403_at	hypothetical protein HSPC132	HSPC132	338	345	247	156	168	150
236016_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	SMARCE1	57	52	38	38	35	28
201338_x_at	general transcription factor IIIA	GTF3A	587	595	430	289	293	328
200090_at	farnesyltransferase, CAAX box, alpha	FNTA	965	1029	742	476	532	533
231847_at	hypothetical protein BC014641	LOC129138	112	111	80	69	72	55
206003_at	KIAA0635	KIAA0635	120	111	79	222	207	105
221745_at	WD-repeat protein	HAN11	178	171	124	113	111	92
1559584_a_at	hypothetical protein FLJ35681	FLJ35681	268	290	199	95	102	120
229010_at	Cas-Br-M (murine) ecotropic retroviral transforming sequence	CBL	278	249	179	103	113	114
1570375_at	Protein tyrosine phosphatase, receptor type, N polypeptide 2	PTPRN2	90	81	60	36	33	35
209039_x_at	EH-domain containing 1	EHD1	4344	4605	3169	10678	9999	7376

Figure 23-106

202837_at	FLN29	108	88	64	67	82	52
229164_s_at	ankyrin repeat and BTB (POZ) domain containing 1	130	109	78	67	61	61
202643_s_at	tumor necrosis factor, alpha-induced TNFAIP3 protein 3	2652	2903	2093	10819	10000	7215
1558236_at	similar to CG3714 gene product	108	99	71	68	60	48
226707_at		102	102	74	53	75	59
216504_s_at	PP3856	521	654	370	1160	1067	642
226572_at	Suppressor of cytokine signaling 7	60	55	42	34	30	35
224535_s_at	mitochondrial ribosomal protein 63	81	82	58	35	43	46
213104_at	MRP63	63	52	39	49	34	31
213168_at	hypothetical protein MGC24381	1173	1146	829	774	837	568
215749_s_at	Sp3 transcription factor	111	117	84	72	78	60
	golgi reassembly stacking protein 1, 65kDa						
223363_at	hypothetical protein MGC10911	114	95	69	49	44	54
209255_at	KIAA0265 protein	69	81	59	36	51	37
238430_x_at	hypothetical protein MGC19764	337	321	224	564	550	307
224414_s_at	caspase recruitment domain family, member 6	428	411	297	177	191	189
232068_s_at		452	457	327	905	889	439
206555_s_at	THUMP domain containing 1	206	217	150	105	122	97
211302_s_at	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 duncce homolog, Drosophila)	1395	1709	1260	4360	4115	2678
221711_s_at	HSPC142 protein	189	208	151	117	102	102
225052_at	hypothetical protein MGC14327	194	201	144	106	112	97
225897_at	Myristoylated alanine-rich protein kinase C substrate	1481	1609	1124	4042	3872	2565
202724_s_at	forkhead box O1A (rhabdomyosarcoma)	90	89	66	34	42	52
226832_at	Hypothetical LOC389188	884	992	708	335	340	355
223024_at	adaptor-related protein complex 1, mu 1 subunit	395	410	295	196	217	198
203340_s_at	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	48	43	33	65	71	50

Figure 23-107

1556750_at	hypothetical protein LOC153577	LOC153577	103	110	80	51	38	47
218151_x_at	G protein-coupled receptor 172A	GPR172A	152	138	101	87	88	74
204255_s_at	vitamin D (1,25-dihydroxyvitamin D3) receptor	VDR	942	924	658	435	452	420
230322_at	NFAT activating protein with ITAM motif 1	NFAM1	158	124	91	79	95	79
208965_s_at	interferon, gamma-inducible protein 16	IFI16	546	532	364	332	346	245
204812_at	ZW10 homolog, centromere/kinetochore protein (Drosophila)	ZW10	194	207	150	119	116	94
224904_at	pyruvate dehydrogenase phosphatase regulatory subunit chloride intracellular channel 4	PDPR	182	189	138	97	97	99
201560_at	zinc finger and BTB domain containing 4	CLIC4	1975	2073	1509	5241	4876	3165
225629_s_at	likely ortholog of mouse metal response element binding transcription factor 2	ZBTB4	190	186	130	93	86	101
203345_s_at	zinc finger and BTB domain containing 24	M96	482	508	365	235	248	229
205340_at	translin	ZBTB24	69	73	51	34	37	31
201504_s_at	anaphase promoting complex subunit 4	TSN	238	261	189	146	156	126
226917_s_at	dynein, cytoplasmic, light polypeptide 1	ANAPC4	145	119	84	81	71	70
200703_at	ataxin 7-like 3	DNCL1	4692	4566	3299	2721	2873	1988
224969_at	chromosome 4 open reading frame 14	ATXN7L3	245	261	186	160	167	129
223157_at	B-cell CLL/lymphoma 11A (zinc finger protein)	C4orf14	228	245	174	113	119	141
222891_s_at	beta-casein-like protein	BCL11A	97	87	61	117	125	109
225536_at	zinc finger and BTB domain containing 34	BCLP	52	42	28	90	80	56
227111_at	trinucleotide repeat containing 5	ZBTB34	228	256	183	130	145	148
1556389_at		TNRC5	151	143	102	74	67	77

Figure 23-108

212137_at	likely ortholog of mouse Ia related protein	LARP	552	580	415	291	293	285
226202_at	zinc finger protein 398	ZNF398	59	64	46	22	20	34
206471_s_at	plexin C1	PLXNC1	248	248	176	370	339	250
211758_x_at	thioredoxin domain containing 9	TXNDC9	460	473	343	291	286	251
209294_x_at	tumor necrosis factor receptor superfamily, member 10b	TNFRSF10B	139	147	103	222	202	153
201515_s_at	translin	TSN	623	657	470	345	376	326
219497_s_at	B-cell CLL/lymphoma 11A (zinc finger protein)	BCL11A	85	78	54	109	111	86
226357_at	Ubiquitin specific protease 19	USP19	237	200	140	112	125	106
235508_at	Promyelocytic leukemia	PML	47	44	30	87	83	50
200047_s_at	YY1 transcription factor	YY1	1560	1431	1011	727	776	702
226240_at	transcriptional adaptor 2 (ADA2 homolog, yeast)-beta	MGC21874	242	266	188	145	135	117
242866_x_at	Transcribed locus		153	95	68	58	76	46
231270_at	carbonic anhydrase XIII	CA13	162	158	115	312	305	197
217910_x_at	MAX-like protein X	MLX	329	305	218	147	155	160
224341_x_at			1241	1238	873	2203	2064	1144
216016_at	cold autoimmune syndrome 1	CIAS1	10	8	6	79	77	50
225103_at	mitochondrial ribosomal protein L38	MRPL38	68	77	55	49	47	40
211668_s_at	plasminogen activator, urokinase	PLAU	70	95	66	125	136	97
1568623_a_at			164	180	132	96	77	69
218672_at	sodium channel modifier 1	SCNM1	295	311	222	173	181	159
221881_s_at	chloride intracellular channel 4	CLIC4	204	222	156	777	745	388
204946_s_at	topoisomerase (DNA) III alpha	TOP3A	115	129	92	60	58	72
218850_s_at	LIM domains containing 1	LIMD1	105	113	80	56	52	59
226017_at	chemokine-like factor super family 7	CKLFSF7	380	368	256	176	197	180
224902_at	pyruvate dehydrogenase	PDPR	213	208	151	103	120	125
212403_at	phosphatase regulatory subunit							
223343_at	ubiquitin protein ligase E3B	UBE3B	155	133	94	94	106	72
	membrane-spanning 4-domains, subfamily A, member 7	MS4A7	3271	3244	2363	4974	4676	2911

Figure 23-109

219316_s_at	chromosome 14 open reading frame C14orf58	295	339	243	138	155	174
218356_at	58 FtsJ homolog 2 (E. coli)	148	138	96	51	64	57
227815_at	Vacuolar protein sorting 33A (yeast)	198	194	140	92	100	95
240064_at	Transcribed locus, strongly similar to XP_529518.1 LOC452210 [Pan troglodytes]	87	85	58	53	50	35
217299_s_at	Nijmegen breakage syndrome 1 (nibrin)	113	118	82	448	477	258
220240_s_at	chromosome 13 open reading frame C13orf11	105	125	90	70	64	64
203610_s_at	tripartite motif-containing 38	516	538	377	265	248	255
223114_at	hypothetical protein MGC4767	86	85	60	37	48	48
202607_at	N-deacetylase/N-sulfotransferase NDST1 (heparan glucosaminyl) 1	175	138	94	84	93	74
204021_s_at	purine-rich element binding protein A PURA	196	195	136	98	105	90
227125_at	chromosome 6 open reading frame C6orf55	295	310	231	565	590	435
224437_s_at	55 NIMA (never in mitosis gene a)-related kinase 6	440	444	312	276	281	216
223158_s_at	MAX binding protein	562	669	464	314	332	322
204206_at	MRNA; cDNA DKFZp762N156 (from clone DKFZp762N156)	280	264	180	100	89	110
204882_at	mutS homolog 6 (E. coli)	206	218	159	101	99	85
214808_at	Chromosome 18 open reading frame C18orf17	65	69	50	41	34	39
211450_s_at	17 MSH6	69	72	56	201	181	160
238480_at	MRNA; cDNA DKFZp686N07104 (from clone DKFZp686N07104)	69	70	49	43	37	36
227265_at	ras homolog gene family, member F RHOF (in filopodia)	957	810	624	321	327	360
224944_at		122	131	94	342	274	139
219045_at		433	426	292	720	696	478

Figure 23-110

213256_at	membrane-associated ring finger (C3HC4) 3	3-Mar	137	122	85	209	179	131
215719_x_at	Fas (TNF receptor superfamily, member 6)	FAS	89	101	70	178	187	119
228727_at	Transcribed locus		63	63	45	40	36	25
206877_at	MAX dimerization protein 1	MXD1	283	294	207	464	407	266
244087_at	Adenosine monophosphate deaminase (isoform E)	AMPD3	89	90	68	141	147	213
208854_s_at	serine/threonine kinase 24 (STE20 homolog, yeast)	STK24	2921	3201	2230	1562	1505	1516
217028_at	chemokine (C-X-C motif) receptor 4	CXCR4	8852	8383	5862	3473	3453	3945
202170_s_at	aminoadipate-semialdehyde dehydrogenase-	AASDHPPT	211	222	154	110	118	92
209845_at	phosphopantetheinyl transferase makorin, ring finger protein, 1	MKRN1	340	329	231	165	178	181
203334_at	DEAH (Asp-Glu-Ala-His) box polypeptide 8	DHX8	364	393	277	241	233	185
222935_x_at	solute carrier family 39 (zinc transporter), member 8	SLC39A8	69	68	44	150	147	85
229419_at	F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila)	FBXW7	152	133	93	112	116	75
200083_at	ubiquitin specific protease 22	USP22	830	848	589	480	485	417
224395_s_at	ring finger protein 7	RNF7	759	830	580	336	309	294
232081_at	EST from clone 208499, full insert		77	85	55	34	36	47
206052_s_at	stem-loop (histone) binding protein	SLBP	268	302	209	146	138	155
202531_at	interferon regulatory factor 1	IRF1	615	622	444	1428	1356	577
1554095_at	hypothetical protein MGC20460	MGC20460	97	102	71	54	58	49
207292_s_at	mitogen-activated protein kinase 7	MAPK7	149	142	98	74	61	64
239231_at	CDNA FLJ41910 fis, clone PEBLM2007834		83	77	52	39	53	39
221848_at	zinc finger, CCH-type with G patch domain	ZGPAT	150	150	107	102	90	79
218146_at	glycosyltransferase 8 domain containing 1	GLT8D1	87	88	60	48	59	39

Figure 23-111

202800_at	solute carrier family 1 (glial high affinity glutamate transporter), member 3	SLC1A3	77	85	55	297	268	128
212864_at	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2	CDS2	154	135	95	69	71	78
221708_s_at	smooth muscle cell associated protein-1	SMAP-1	87	95	71	66	53	58
235035_at	solute carrier family 35, member E1	SLC35E1	176	149	103	102	107	83
227418_at	KIAA1826 protein	KIAA1826	149	169	119	78	86	77
218524_at	E4F transcription factor 1	E4F1	77	65	46	38	45	42
232057_at	hypothetical protein FLJ13291	FLJ13291	57	53	38	22	39	30
202703_at	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	DUSP11	439	479	331	270	272	219
221932_s_at	chromosome 14 open reading frame 87	C14orf87	279	247	170	127	122	106
209527_at	exosome component 2	EXOSC2	57	51	36	30	38	29
227698_s_at	hypothetical protein MGC9850	MGC9850	69	58	39	25	27	24
224857_s_at	anterior pharynx defective 1	APH1A	225	273	191	136	126	124
1554417_s_at	homolog A (C. elegans)		220	248	178	139	131	121
202907_s_at	Nijmegen breakage syndrome 1 (nibrin)	NBS1	625	599	410	2135	2150	1378
212467_at	DnaJ (Hsp40) homolog, subfamily C, member 13	DNAJC13	162	164	114	76	79	64
204091_at	phosphodiesterase 6D, cGMP-specific, rod, delta	PDE6D	79	70	48	45	43	28
224332_s_at	mitochondrial ribosomal protein L43	MRPL43	141	131	91	68	71	52
208092_s_at	family with sequence similarity 49, member A	FAM49A	771	853	573	1443	1367	822
234672_s_at	hypothetical protein FLJ10407	FLJ10407	63	64	45	40	44	33
223917_s_at	solute carrier family 39 (zinc transporter), member 3	SLC39A3	130	99	70	49	55	48
200868_s_at	zinc finger protein 313	ZNF313	562	580	403	284	294	293

Figure 23-112

216061_x_at	platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)	PDGFB	118	96	66	185	191	118
225921_at	ninein (GSK3B interacting protein)	NIN	259	249	169	390	360	200
224825_at	deoxynucleotidyltransferase, terminal, interacting protein 1	DNTTIP1	334	303	211	170	157	145
222203_s_at	retinol dehydrogenase 14 (all-trans and 9-cis)	RDH14	72	70	50	43	42	35
228142_at	ubiquinol-cytochrome c reductase complex (7.2 kD)	HSPC051	195	178	123	123	115	96
213708_s_at	MAX-like protein X	MLX	444	430	295	196	209	208
202509_s_at	tumor necrosis factor, alpha-induced protein 2	TNFAIP2	287	251	169	482	489	318
241916_at	Phospholipid scramblase 1	PLSCR1	105	82	55	162	154	68
216252_x_at	Fas (TNF receptor superfamily, member 6)	FAS	81	90	63	159	162	100
211595_s_at	mitochondrial ribosomal protein S11	MRPS11	184	201	138	137	117	100
218286_s_at	ring finger protein 7	RNF7	521	525	363	195	192	199
212299_at	NIMA (never in mitosis gene a)-related kinase 9	NEK9	195	179	123	118	117	95
204253_s_at	vitamin D (1,25- dihydroxyvitamin D3) receptor	VDR	400	394	270	212	186	161
201642_at	interferon gamma receptor 2 (interferon gamma transducer 1)	IFNGR2	5579	5705	3936	8392	8310	6992
215091_s_at	general transcription factor IIIA	GTF3A	539	572	398	287	271	292
219788_at	paired immunoglobulin-like type 2 receptor alpha	PILRA	492	516	360	918	774	583
204554_at	protein phosphatase 1, regulatory subunit 3D	PPP1R3D	89	82	53	37	32	36
202905_x_at	Nijmegen breakage syndrome 1 (nibrin)	NBS1	320	347	239	1393	1449	810
52731_at	hypothetical protein FLJ20294	FLJ20294	75	60	40	46	53	31
209535_s_at	COX15 homolog, cytochrome c oxidase assembly protein (yeast)	COX15	197	222	149	108	128	138
221550_at			56	48	33	34	35	29

Figure 23-113

218242_s_at	suppressor of variegation 4-20 homolog 1 (Drosophila)	SUV420H1	315	343	237	190	190	171
226375_at	Lemur tyrosine kinase 2	LMTK2	77	80	57	44	42	50
201093_x_at	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	SDHA	231	191	131	115	124	116
218970_s_at	cutC copper transporter homolog (E.coli)	CUTC	77	79	54	45	44	36
222550_at	armadillo repeat containing 1	ARMC1	139	144	96	76	69	76
227594_at	zinc finger protein 258	ZNF258	92	101	68	47	47	51
220189_s_at	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme B	MGAT4B	370	388	263	191	206	215
224612_s_at	DnaJ (Hsp40) homolog, subfamily C, member 5	DNAJC5	652	670	469	345	342	279
221984_s_at	chromosome 2 open reading frame 17	C2orf17	423	426	293	150	144	198
227098_at	dual specificity phosphatase 18	DUSP18	267	278	183	118	133	131
202737_s_at	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)	LSM4	197	189	130	106	92	101
205078_at	phosphatidylinositol glycan, class F	PIGF	58	48	32	33	24	23
219242_at	centrosome protein Cep63	Cep63	75	94	64	52	48	56
202375_at	SEC24 related gene family, member D (S. cerevisiae)	SEC24D	320	307	208	226	247	141
221983_at	chromosome 2 open reading frame 17	C2orf17	342	329	230	116	104	137
217950_at	nitric oxide synthase interacting protein	NOSIP	213	186	128	130	103	112
209846_s_at	butyrophilin, subfamily 3, member A2	BTN3A2	119	141	92	73	69	72
221572_s_at	solute carrier family 26, member 6	SLC26A6	95	87	59	57	56	48
224261_at	hypothetical protein MGC2752	MGC2752	159	152	103	216	241	143
222694_at	hypothetical protein MGC4549	MGC4549	95	94	64	57	44	43
225156_at	hypothetical protein MGC4549	MGC4549	590	509	352	304	273	261

Figure 23-114

203581_at	RAB4A, member RAS oncogene family	RAB4A	183	188	128	105	116	88
34225_at	Wolf-Hirschhorn syndrome candidate 2	WHSC2	76	69	46	35	39	33
203224_at	riboflavin kinase	RFK	256	237	160	114	103	122
218072_at	COMM domain containing 9	COMM9	392	406	282	249	221	199
235223_at	Chromosome 6 open reading frame 153	C6orf153	69	75	52	45	49	37
64418_at	CDNA FLJ34482 fis, clone HLUNG2004067		210	172	117	102	114	82
206437_at	endothelial differentiation, G-protein-coupled receptor 6	EDG6	206	178	120	96	108	102
211121_s_at	docking protein 1, 62kDa (downstream of tyrosine kinase 1)	DOK1	115	120	81	52	49	39
202005_at	suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin)	ST14	440	434	275	212	191	195
220320_at	docking protein 3	DOK3	168	210	142	71	82	80
236673_at			58	49	40	38	32	25
239802_at	hypothetical protein LOC56755	LOC56755	72	78	53	42	42	41
226738_at	hypothetical protein FLJ33817	FLJ33817	252	210	146	107	92	106
201158_at	N-myristoyltransferase 1	NMT1	106	90	64	41	37	40
203347_s_at	likely ortholog of mouse metal response element binding transcription factor 2	M96	122	121	85	72	68	63
228571_at			154	143	98	65	62	68
217829_s_at	ubiquitin specific protease 39	USP39	157	153	104	82	70	80
221046_s_at	HSPC135 protein	HSPC135	105	97	66	61	61	52
218714_at	hypothetical protein MGC3121	MGC3121	153	139	95	91	72	78
235427_at	EST from clone 223524, 5' end		181	191	132	302	281	200
209137_s_at	ubiquitin specific protease 10	USP10	568	640	427	315	358	338
202535_at	Fas (TNFRSF6)-associated via death domain	FADD	221	262	183	87	89	96
218323_at	ras homolog gene family, member T1	RHOT1	154	140	98	74	69	77

Figure 23-115

228607_at	2'-5'-oligoadenylate synthetase 2, 69/71kDa	OAS2	119	95	68	191	209	80
215671_at	Phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 duncce homolog, Drosophila)	PDE4B	46	53	37	97	97	56
223553_s_at	docking protein 3	DOK3	3211	2790	1885	1186	1188	1116
212478_at	hypothetical protein FLJ13910	FLJ13910	80	76	54	40	40	35
231808_at	keratin associated protein 4-7	KRTAP4-7	87	69	44	36	38	40
212977_at	chemokine orphan receptor 1	CMKOR1	33	24	19	111	83	34
223393_s_at	zinc finger protein 537	ZNF537	119	118	81	60	57	62
1568964_x_at			152	130	85	95	90	72
212312_at	BCL2-like 1	BCL2L1	88	69	46	167	146	76
203318_s_at	zinc finger protein 148 (pHZ-52)	ZNF148	331	316	218	169	194	146
222934_s_at	C-type lectin domain family 4, member E	CLEC4E	1422	1478	982	4434	4011	2561
201559_s_at	chloride intracellular channel 4	CLIC4	453	525	342	1361	1347	736
205246_at	peroxisome biogenesis factor 13	PEX13	130	141	99	97	104	66
219149_x_at	debranching enzyme homolog 1 (S. cerevisiae)	DBR1	89	94	66	59	65	47
209499_x_at	tumor necrosis factor (ligand) superfamily, member 12-member 13	TNFSF12- TNFSF13, TNFSF13	250	256	171	128	129	133
210405_x_at	tumor necrosis factor receptor superfamily, member 10b	TNFRSF10B	137	147	100	222	198	165
227897_at	Leucyl/cystinyl aminopeptidase	LNPEP	1239	1266	843	430	430	439
231866_at	chromosome 1 open reading frame 22	C1orf22	80	58	38	41	38	33
220926_s_at			329	335	231	233	213	159
213271_s_at	KIAA1117	KIAA1117	94	92	60	55	49	46
205126_at	vaccinia related kinase 2	VRK2	1825	1936	1327	1219	1161	778
222779_s_at	ELG protein	HSA277841	135	123	82	71	73	57
227212_s_at	PHD finger protein 19	PHF19	112	120	84	171	156	146
203534_at	LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae)	LSM1	603	563	375	301	314	271
228853_at	CG016	LOC88523	215	187	126	105	110	92
214748_at			65	52	36	29	28	34

Figure 23-116

227428_at	GA binding protein transcription factor, alpha subunit 60kDa	GABPA	116	122	81	73	80	61
203020_at	RAB GTPase activating protein 1-like	RABGAP1L	105	100	65	42	53	48
225351_at	family with sequence similarity 45, member A	FAM45A	96	103	69	59	57	52
224309_s_at	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	SUGT1	383	393	265	224	213	177
226233_at	Beta 1,3-N-acetylgalactosaminyltransferase-II	MGC39558	148	138	90	86	84	71
201855_s_at	KIAA0431 protein	KIAA0431	162	169	112	75	83	78
213028_at	nuclear factor related to kappaB binding protein	NFRKB	114	122	83	55	56	56
224358_s_at	membrane-spanning 4-domains, subfamily A, member 7	MS4A7	2150	2227	1612	3964	3458	2106
229174_at	v-ski sarcoma viral oncogene homolog (avian)	SKI	206	202	138	124	125	103
204270_at	2'-5'-oligoadenylate synthetase-like	OASL	170	143	97	75	84	77
210797_s_at	splicing factor 4	SF4	644	622	411	2210	2144	885
215004_s_at	Bromodomain adjacent to zinc finger domain, 2A	BAZ2A	105	113	78	65	59	50
225778_at	thrombospondin 1	THBS1	54	54	37	23	25	17
201110_s_at	processing of precursor 7, ribonuclease P subunit (S. cerevisiae)	POP7	2261	1923	1300	4089	3775	1673
209482_at	nuclear factor (erythroid-derived 2)-like 1	NFE2L1	93	83	57	45	40	38
200758_s_at	ring finger protein 7	RNF7	347	384	259	229	222	189
224439_x_at	proline synthetase co-transcribed homolog (bacterial)	PROSC	829	865	581	353	360	322
209385_s_at	transforming, acidic coiled-coil containing protein 1	TACC1	344	337	220	165	161	164
242290_at	SUMO1/sentrin/SMT3 specific protease 3	SEN3	64	47	31	29	27	24
215113_s_at			78	81	58	49	54	41

Figure 23-117

221725_at	WAS protein family, member 2	WASF2	586	652	435	303	299	316
214198_s_at	DiGeorge syndrome critical region gene 2	DGCR2	122	88	59	51	69	42
228846_at	MAX dimerization protein 1	MAD	2560	2255	1531	3731	3188	2136
208987_s_at	F-box and leucine-rich repeat protein 11	FBXL11	313	288	193	171	154	128
209034_at	proline-rich nuclear receptor coactivator 1	PNRC1	4698	4882	3335	9657	8895	7422
209497_s_at	RNA binding motif protein 30	RBM30	136	134	90	73	78	62
225731_at	KIAA1223 protein	KIAA1223	131	141	94	61	49	66
238948_at			76	65	43	43	46	33
225170_at	WD repeat domain 5	WDR5	55	55	38	44	36	24
226078_at	RNA pseudouridylylate synthase domain containing 1	RPUSD1	108	99	67	62	53	51
226683_at	Sorting nexin associated golgi protein 1	SNAG1	458	454	302	1061	992	529
202757_at	cofactor of BRCA1	COBRA1	160	152	100	68	80	65
209450_at	O-sialoglycoprotein endopeptidase	OSGEP	102	90	60	57	55	45
226422_at	PTX1 protein	PTX1	224	180	126	130	127	88
235507_at	similar to hypothetical protein FLJ10883	LOC115294	93	75	46	47	45	40
235434_at	CDNA FLJ30141 fis, clone BRACE2000148		107	96	63	37	37	49
201901_s_at	YY1 transcription factor	YY1	832	933	621	468	494	435
200724_at	ribosomal protein L10	RPL10	128	133	89	69	60	67
203388_at	arrestin, beta 2	ARRB2	1621	1910	1253	1017	972	937
224688_at	Hypothetical protein FLJ10099	FLJ10099	539	499	333	320	298	265
219004_s_at	chromosome 21 open reading frame 45	C21orf45	55	61	42	90	89	65
211090_s_at	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	PRPF4B	361	489	322	254	272	219
223332_x_at	ring finger protein 126	RNF126	93	78	53	44	51	52
230063_at	Zinc finger protein 264	ZNF264	125	124	82	73	74	59
210766_s_at	CSE1 chromosome segregation 1-like (yeast)	CSE1L	156	164	109	99	92	70

Figure 23-118

201717_at	mitochondrial ribosomal protein L49	MRPL49	509	537	354	243	247	232
220947_s_at	DKFZP434P1750 protein	DKFZP434P1750	349	358	235	177	181	157
212708_at	hypothetical protein LOC339287	LOC339287	242	236	158	131	123	107
213039_at	rho/rac guanine nucleotide exchange factor (GEF) 18	ARHGEF18	311	270	178	156	148	143
225533_at	PHD finger protein 19	PHF19	113	101	66	214	202	158
219212_at	heat shock 70kDa protein 14	HSPA14	184	177	123	97	108	85
204264_at	carnitine palmitoyltransferase II	CPT2	63	65	42	36	43	29
202502_at	acyl-Coenzyme A dehydrogenase, C-ACADM 4 to C-12 straight chain	C-ACADM	186	157	101	107	111	92
207318_s_at	cell division cycle 2-like 5 (cholinesterase-related cell division controller)	CDC2L5	299	339	224	224	192	157
212882_at	kelch-like 18 (Drosophila)	KLHL18	198	193	127	103	113	93
229460_at	CDNA FLJ37917 fis, clone CTONG1000137		209	224	149	119	134	110
205025_at	GLI-Kruppel family member HKR3	HKR3	72	82	53	44	32	41
212872_s_at	ubiquitin specific protease 49	USP49	150	143	93	79	81	67
223386_at	hypothetical protein FLJ21103	FLJ21103	89	95	63	59	57	45
41329_at	ezrin-binding partner PACE-1	PACE-1	58	55	36	31	26	28
228548_at	RAP1A, member of RAS oncogene family	RAP1A	142	124	79	73	66	63
209828_s_at	interleukin 16 (lymphocyte chemoattractant factor)	IL16	79	95	63	29	39	29
213405_at	RAB22A, member RAS oncogene family	RAB22A	294	353	236	161	175	162
231431_s_at	Hypothetical LOC388114		862	876	582	300	282	338
213527_s_at	similar to hypothetical protein MGC13138	LOC146542	85	81	54	35	35	43
223159_s_at	NIMA (never in mitosis gene a)-related kinase 6	NEK6	440	535	346	224	245	234
212482_at	hypothetical protein FLJ13910	FLJ13910	386	393	258	190	178	203
202068_s_at	low density lipoprotein receptor (familial hypercholesterolemia)	LDLR	424	445	281	1152	1058	626

Figure 23-119

228760_at	Splicing factor, arginine/serine-rich, 46kD	SRP46	54	54	35	32	34	25
222233_s_at	DNA cross-link repair 1C (PSO2 homolog, <i>S. cerevisiae</i>)	DCLRE1C	87	102	64	38	43	37
205327_s_at	activin A receptor, type II	ACVR2	381	370	210	680	761	390
209111_at	ring finger protein 5	RNF5	221	176	112	103	105	87
209586_s_at	prune homolog (<i>Drosophila</i>)	PRUNE	157	139	92	81	91	88
226883_at	Kelch-like 11 (<i>Drosophila</i>)	KLHL11	261	300	200	114	115	118
1568619_s_at	Hypothetical protein LOC162073	LOC162073	179	130	88	71	76	51
228726_at	Serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1	SERPINF1	985	888	593	1223	1178	696
202925_s_at	pleiomorphic adenoma gene-like 2	PLAGL2	361	381	245	563	536	323
212059_s_at	transient receptor potential cation channel, subfamily C, member 4	TRPC4AP	284	257	171	163	156	130
200070_at	associated protein chromosome 2 open reading frame 24	C2orf24	445	375	239	214	213	175
208616_s_at	protein tyrosine phosphatase type IVA, member 2	PTP4A2	4042	3852	2520	2104	2196	1975
202169_s_at	aminoadipate-semialdehyde dehydrogenase	AASDHPPT	461	502	325	248	288	219
1555464_at	phosphopantetheinyl transferase interferon induced with helicase C domain 1	IFIH1	111	90	58	186	207	110
227018_at	dipeptidylpeptidase 8	DPP8	171	162	105	100	99	83
211678_s_at	zinc finger protein 313	ZNF313	836	784	517	437	440	390
212833_at	hypothetical protein BC017169	LOC91137	449	465	311	257	268	234
200726_at	protein phosphatase 1, catalytic subunit, gamma isoform	PPP1CC	1078	1035	673	612	668	533
212396_s_at	KIAA0090 protein	KIAA0090	91	101	66	76	73	49
204668_at	ring finger protein 24	RNF24	89	89	58	43	48	49
218058_at	CXXC finger 1 (PHD domain)	CXXC1	275	274	183	173	164	135
201701_s_at	progesterone receptor membrane component 2	PGRMC2	85	70	46	48	43	35
220140_s_at	sorting nexin 11	SNX11	225	221	150	159	148	112

Figure 23-120

239979_at	Epithelial stromal interaction 1 (breast)	EPSTI1	84	70	44	124	113	57
210784_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	LILRB3	564	521	335	438	369	277
218979_at	chromosome 9 open reading frame 76	C9orf76	128	128	83	54	59	49
225371_at	GLE1 RNA export mediator-like (yeast)	GLE1L	237	233	149	146	126	108
236384_at	CDNA FLJ32162 fis, clone PLACE6000325		69	84	54	43	42	45
210314_x_at	tumor necrosis factor (ligand) superfamily, member 12-member 13	TNFSF12- TNFSF13, TNFSF13	372	365	234	207	188	191
1552773_at	C-type lectin domain family 4, member D	CLEC4D	179	169	103	297	283	142
202797_at	SAC1 suppressor of actin mutations 1-like (yeast)	SACM1L	610	596	383	339	371	302
228700_at	Chromosome X open reading frame 38	CXorf38	101	85	55	33	39	32
221657_s_at	ankyrin repeat and SOCS box-containing 6	ASB6	91	76	53	54	38	19
230529_at	headcase homolog (Drosophila)	HECA	64	55	39	25	28	34
204254_s_at	vitamin D (1,25-dihydroxyvitamin D3) receptor	VDR	1282	1361	885	581	583	556
204732_s_at	tripartite motif-containing 23	TRIM23	90	71	46	37	43	34
209002_s_at	KIAA1536 protein	KIAA1536	162	138	87	109	81	93
223021_x_at	chromosome 6 open reading frame 55	C6orf55	260	297	192	181	167	140
208914_at	golgi associated, gamma adaptin ear containing, ARF binding protein 2	GGA2	451	486	314	193	188	209
203760_s_at	Src-like-adaptor	SLA	268	258	168	317	311	157
238468_at	HepG2 3' region cDNA, clone hmd1c07.		79	60	40	40	44	42

Figure 23-121

209063_x_at	poly(A) binding protein interacting protein 1	PAIP1	247	258	168	145	145	131
206715_at	transcription factor EC	TFEC	968	1063	703	1610	1551	1159
229285_at	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	RNASEL	46	54	34	27	30	24
210667_s_at	chromosome 21 open reading frame 33	C21orf33	60	69	45	41	36	39
201032_at	bladder cancer associated protein	BLCAP	469	472	298	294	307	227
233047_at	hypothetical protein LOC90167	LOC90167	8	10	7	119	112	67
235240_at	Ataxin 3	ATXN3	110	104	67	51	53	42
221758_at	armadillo repeat containing 6	ARMC6	84	82	55	40	39	38
206495_s_at	MBD2 (methyl-CpG-binding protein)-interacting zinc finger protein	MIZF	73	65	51	23	22	29
226524_at	hypothetical protein MGC26717	MGC26717	265	305	200	170	170	134
242735_x_at	Pituitary tumor-transforming 1 interacting protein	PTTG1IP	68	59	33	42	36	34
236982_at	zinc finger, DHHC domain containing 3	ZDHHC3	50	49	27	387	341	118
218078_s_at	Hypothetical LOC388114		149	157	102	84	82	77
225567_at	chromosome 19 open reading frame 2	C19orf2	970	972	649	330	309	369
211563_s_at	toll-like receptor 4	TLR4	63	73	47	48	45	32
1552798_a_at	solute carrier family 35, member B3	SLC35B3	720	834	551	1389	1198	666
222691_at	hypothetical protein FLJ22875	FLJ22875	239	220	145	151	139	101
224779_s_at	transmembrane protein 8 (five membrane-spanning domains)	TMEM8	528	490	314	206	217	220
222718_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7C-NTP [Homo sapiens]		137	133	93	52	70	45
217549_at	chromosome 14 open reading frame 108	C14orf108	334	308	195	166	161	155
223180_s_at			88	95	63	30	42	34
222531_s_at			405	430	274	208	211	187

Figure 23-122

212439_at			330	358	236	203	171	158
206380_s_at	properdin P factor, complement	PFC	2116	2077	1330	1466	1276	999
239704_at	IBR domain containing 2	IBRDC2	311	304	239	666	586	375
238711_s_at	Zinc finger protein 148 (pHZ-52)	ZNF148	98	89	57	54	49	36
201782_s_at	aryl hydrocarbon receptor interacting protein	AIP	228	219	140	134	114	120
232323_s_at	tetratricopeptide repeat domain 17	TTC17	80	74	48	49	49	36
203095_at	mitochondrial translational initiation factor 2	MTIF2	140	132	85	82	70	72
226841_at	macrophage expressed gene 1	MPEG1	5532	5552	3608	3707	3879	2742
201285_at	makorin, ring finger protein, 1	MKRN1	1558	1658	1054	819	862	815
233558_s_at	FLJ12716 protein	FLJ12716	267	297	186	158	162	136
225670_at	hypothetical protein LOC134145	LOC134145	73	72	48	50	34	43
225246_at	stromal interaction molecule 2	STIM2	76	71	46	44	44	38
201353_s_at	bromodomain adjacent to zinc finger domain, 2A	BAZ2A	126	107	72	66	53	58
238779_at	DCP2 decapping enzyme homolog (S. cerevisiae)	DCP2	34	49	32	57	60	35
236248_x_at	transcriptional adaptor 2 (ADA2 homolog, yeast)-beta	MGC21874	327	329	211	156	155	142
226888_at	Casein Kinase 1, gamma 1	CSNK1G1	107	97	62	61	65	50
223440_at	lin-10 protein homolog	Lin10	177	173	111	64	65	68
219267_at	glycolipid transfer protein	GLTP	356	372	236	211	183	166
218160_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8, 19kDa	NDUFA8	182	168	109	94	101	80
218703_at	SEC22 vesicle trafficking protein-like 2 (S. cerevisiae)	SEC22L2	60	51	34	32	38	28
201756_at	replication protein A2, 32kDa	RPA2	449	492	311	301	293	210
202180_s_at	major vault protein	MVP	274	304	193	170	152	131
210971_s_at	aryl hydrocarbon receptor nuclear translocator-like	ARNTL	128	136	87	59	64	62
209384_at	proline synthetase co-transcribed homolog (bacterial)	PROSC	377	381	245	195	198	168
227211_at	PHD finger protein 19	PHF19	75	77	54	121	118	97

Figure 23-123

214545_s_at	proline synthetase co-transcribed homolog (bacterial)	PROSC	95	104	69	49	58	53
201966_at	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)	NDUFS2	633	585	371	314	335	287
1558942_at	FUN14 domain containing 1	FUNDC1	105	110	69	54	54	50
235346_at	KIAA0217	KIAA0217	64	70	44	50	45	30
208954_s_at	1-acylglycerol-3-phosphate O-acyltransferase 3	AGPAT3	469	395	252	253	235	215
225440_at	MRNA; cDNA DKFZp564O0862 (from clone DKFZp564O0862)		363	360	226	236	233	182
227995_at	zinc finger protein 498	ZNF498	307	267	169	187	170	146
228138_at	NAD(P) dependent steroid dehydrogenase-like	NSDHL	95	99	63	54	52	54
241993_x_at	KIAA0100 gene product	KIAA0100	43	47	35	69	64	57
209279_s_at	oxysterol binding protein-like 11	OSBPL11	61	61	40	46	36	30
201729_s_at	cyclin-dependent kinase 8	CDK8	188	187	118	99	96	93
222586_s_at	AP-1 gamma subunit binding protein	AP1GBP1	410	429	271	180	184	170
1553112_s_at			61	54	35	38	34	31
222715_s_at			146	152	98	83	89	68
223239_at	Solute carrier family 43, member 2	SLC43A2	312	321	207	144	150	147
224928_at	PRP4 pre-mRNA processing factor 4	PRPF4B	211	230	143	104	93	112
228918_at	homolog B (yeast)		3958	3902	2507	2540	2552	1835
202126_at	Williams Beuren syndrome chromosome region 18	WBSR18	485	520	330	256	274	213
223367_at	TNFAIP3 interacting protein 1	TNIP1	76	97	64	48	54	42
207196_s_at	Hypothetical protein FLJ14281	FLJ14281	3916	4038	2556	6246	5676	4335
226399_at	cleavage and polyadenylation specific factor 4, 30kDa	CPSF4	207	220	141	105	106	105
206688_s_at	acid phosphatase 5, tartrate resistant	ACP5	145	162	104	93	90	81
204638_at	polyhomeotic-like 2 (Drosophila)	PHC2	1350	1312	824	739	719	638
200919_at			1128	1226	773	425	418	457

Figure 23-124

223329_x_at	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	SUGT1	660	665	426	376	381	308
225572_at	CAMP responsive element binding protein 1	CREB1	306	276	171	201	214	148
222661_at	angiogenic factor with G patch and FHA domains 1	AGGF1	161	157	99	68	72	56
212892_at	zinc finger protein 282	ZNF282	87	88	55	53	47	43
224705_s_at	trinucleotide repeat containing 6A	TNRC6A	146	154	99	84	88	65
239050_s_at	CDNA FLJ13202 fis, clone NT2RP3004503		78	69	42	39	38	39
218282_at	chromosome 20 open reading frame 31	C20orf31	81	86	55	55	52	45
208424_s_at	cytokine induced apoptosis inhibitor 1	CIAPIN1	91	102	65	65	60	48
213573_at	Karyopherin (importin) beta 1	KPNB1	172	140	86	106	105	72
225172_at	Crm, cramped-like (Drosophila)	CRAMP1L	70	60	38	41	40	36
38892_at	KIAA0240	KIAA0240	167	146	90	69	67	72
219996_at	ankyrin repeat and SOCS box-containing 7	ASB7	74	76	48	38	39	38
204007_at	Fc fragment of IgG, low affinity IIb, receptor (CD16b)	FCGR3B	276	270	167	163	166	125
200991_s_at	sorting nexin 17	SNX17	289	267	167	161	150	125
209831_x_at	deoxyribonuclease II, lysosomal	DNASE2	611	669	425	389	402	326
213682_at	nucleoporin 50kDa	NUP50	593	596	375	244	254	248
229625_at	Guanylate binding protein 5	GBP5	250	223	139	594	503	238
225040_s_at	ribulose-5-phosphate-3-epimerase	RPE	48	53	34	20	24	22
232383_at	Transcription factor EC	TFEC	409	445	294	684	690	512
239012_at	suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin)	ST14	241	257	149	814	746	384
216905_s_at	nuclear protein, ataxia-telangiectasia locus	NPAT	229	216	135	100	87	80
211584_s_at	erythrocyte membrane protein band 4.1-like 3	EPB41L3	81	102	64	46	51	52
206710_s_at	KIAA0406 gene product	KIAA0406	2852	2845	1810	3691	3636	2009
212898_at			91	100	63	61	61	45

Figure 23-125

202399_s_at	adaptor-related protein complex 3, sigma 2 subunit	AP3S2	306	299	187	179	176	150
204809_at	ClpX caseinolytic protease X homolog (E. coli)	CLPX	170	159	98	77	77	62
226230_at	KIAA1387 protein	KIAA1387	468	495	313	268	264	220
211776_s_at	erythrocyte membrane protein band 4.1-like 3	EPB41L3	1953	1947	1229	2769	2581	1410
212152_x_at	AT rich interactive domain 1A (SWI-like)	ARID1A	428	453	286	280	275	214
226262_at	Transcribed locus		120	129	82	80	79	59
201569_s_at	CGI-51 protein	CGI-51	90	87	57	54	49	43
207830_s_at	protein phosphatase 1, regulatory (inhibitor) subunit 8	PPP1R8	361	416	266	174	205	160
218467_at	tumor necrosis factor superfamily, member 5-induced protein 1	TNFSF5IP1	1162	1188	734	618	647	531
216988_s_at	protein tyrosine phosphatase type IVA, member 2	PTP4A2	2471	2493	1554	1369	1392	1237
1554539_a_at	ras homolog gene family, member F (in filopodia)	RHOF	93	119	73	198	207	128
212987_at	F-box protein 9	FBXO9	162	166	104	90	101	81
200852_x_at	guanine nucleotide binding protein (G protein), beta polypeptide 2	GNB2	1382	1312	813	949	868	674
204786_s_at	interferon (alpha, beta and omega) receptor 2	IFNAR2	90	109	82	155	180	123
226183_at	Glycogen synthase kinase 3 beta	GSK3B	89	77	48	64	49	40
203359_s_at	c-myc binding protein	MYCBP	181	174	108	86	96	74
222544_s_at	Wolf-Hirschhorn syndrome candidate 1-like 1	WHSC1L1	239	198	125	107	117	103
228545_at	Zinc finger protein 148 (pHZ-52)	ZNF148	157	146	91	82	93	70
213003_s_at	CDNA clone IMAGE:5262734, partial cds		203	180	101	86	79	85
228959_at	cytochrome b reductase 1	CYBRD1	202	195	120	107	96	96
222453_at	coronin, actin binding protein, 1A	CORO1A	103	96	59	45	44	48
209083_at	THAP domain containing 11	THAP11	1490	1491	921	857	816	736
212910_at			149	122	76	48	68	51

Figure 23-126

235347_at	Homo sapiens, clone IMAGE:4183899, mRNA	115	104	66	77	72	50
221060_s_at	toll-like receptor 4	1284	1383	878	2092	1958	1016
212437_at	centromere protein B, 80kDa	81	75	46	50	49	38
223012_at	UBX domain containing 1	476	440	281	241	224	188
230913_at	Full length insert cDNA clone ZE12B03	101	90	52	47	41	46
228711_at	zinc finger protein 37a (KOX 21)	62	71	42	40	35	29
227053_at	protein kinase C and casein kinase substrate in neurons 1	157	117	73	90	107	69
203319_s_at	zinc finger protein 148 (pHZ-52)	222	240	150	134	142	109
221864_at	hypothetical protein MGC13024	238	212	130	70	63	69
216267_s_at	placental protein 6	270	296	183	194	178	148
203572_s_at	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa	105	100	61	61	48	45
218294_s_at	nucleoporin 50kDa	315	349	210	136	148	120
224830_at		467	519	324	277	295	241
225434_at	death effector domain containing 2	1291	1362	856	615	613	701
209572_s_at	embryonic ectoderm development	365	360	232	211	230	185
233642_s_at		83	74	47	50	50	41
224807_at	KIAA1533	191	174	110	772	740	351
207857_at	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2	635	581	359	301	296	271
201518_at	chromobox homolog 1 (HP1 beta homolog Drosophila)	125	107	65	49	53	51
219594_at	ninjurin 2	123	124	74	65	55	54
226702_at	hypothetical protein LOC129607	1135	871	481	1225	1277	589
223205_s_at	l(3)mbt-like 2 (Drosophila)	141	132	83	89	79	69
204020_at	purine-rich element binding protein A PURA	271	286	176	102	117	102
225455_at	SPT3-associated factor 42	48	52	34	27	34	28
215191_at	F-box and leucine-rich repeat protein FBXL11	55	47	31	26	28	21
236019_at	Similar to Rab12 protein	57	69	50	107	86	86

Figure 23-127

200827_at	procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1	PLOD1	99	88	55	50	45	39
212366_at	zinc finger protein 292	ZNF292	58	58	35	24	27	29
213208_at	KIAA0240	KIAA0240	163	177	108	75	82	77
222889_at	DNA cross-link repair 1B (PSO2 homolog, S. cerevisiae)	DCLRE1B	61	62	38	25	19	18
219378_at	NMDA receptor regulated 1-like	NARG1L	80	81	52	51	48	46
90610_at	leucine-rich repeats and calponin homology (CH) domain containing 4	LRCH4	549	479	301	326	306	253
224912_at	tetratricopeptide repeat domain 7A	TTC7A	258	211	129	141	120	107
225317_at	acyl-Coenzyme A binding domain containing 6	ACBD6	76	78	51	50	40	51
229436_x_at	chromosome X open reading frame 53	CXorf53	74	76	47	32	48	42
225302_at	thioredoxin domain containing 10	TXNDC10	161	165	100	93	93	78
229872_s_at	LOC440667	LOC440667	430	426	265	629	566	440
226783_at	hypothetical protein MGC15875	MGC15875	65	62	40	28	27	29
244654_at	myosin IG	MYO1G	545	509	309	875	831	560
220147_s_at	chromosome 12 open reading frame 14	C12orf14	337	378	231	467	497	262
208989_s_at	F-box and leucine-rich repeat protein 11	FBXL11	265	235	143	112	122	97
219544_at	FLJ22624 protein	FLJ22624	53	52	32	29	28	23
203818_s_at	splicing factor 3a, subunit 3, 60kDa	SF3A3	175	168	102	86	95	82
218535_s_at	RIO kinase 2 (yeast)	RIOK2	110	126	83	62	62	64
226744_at	hypothetical protein MGC3329	MGC3329	169	175	108	102	111	79
203112_s_at	Wolf-Hirschhorn syndrome candidate 2	WHSC2	102	93	56	52	55	47
228120_at	Eukaryotic translation initiation factor 2C, 1	EIF2C1	119	117	68	63	64	58
210205_at	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4	B3GALT4	144	129	80	86	71	59

Figure 23-128

205202_at	protein-L-isoaspartate (D-aspartate) O-methyltransferase	PCMT1	635	577	358	349	364	293
213019_at	RAN binding protein 6	RANBP6	127	124	75	57	58	53
202622_s_at	ataxin 2	ATXN2	125	137	81	57	52	59
224777_s_at	platelet-activating factor acetylhydrolase, isoform lb, beta subunit 30kDa	PAFAH1B2	1136	1188	729	513	540	505
1556423_at	KIAA1036	KIAA1036	60	54	33	29	29	26
156870_at	Homo sapiens, clone IMAGE:4818211, mRNA		83	75	47	44	53	41
219358_s_at	centaurin, alpha 2	CENTA2	303	284	171	135	125	143
219014_at	placenta-specific 8	PLAC8	969	1059	644	2667	2420	970
230012_at	hypothetical protein FLJ34790	FLJ34790	178	172	101	75	77	73
202412_s_at	ubiquitin specific protease 1	USP1	119	118	71	56	59	51
224492_s_at	zinc finger protein 627	ZNF627	128	133	81	51	52	52
213694_at	round spermatid basic protein 1	RSBN1	195	201	125	88	93	77
240432_x_at	Transcribed locus, weakly similar to NP_114018.1 flotillin 2 [Rattus norvegicus]		80	92	58	157	147	76
213294_at	Transcribed locus		412	369	216	299	309	197
231810_at	BRI3 binding protein	BRI3BP	62	48	30	29	29	31
218304_s_at	oxysterol binding protein-like 11	OSBPL11	721	799	491	312	381	298
212479_s_at	hypothetical protein FLJ13910	FLJ13910	195	222	136	78	88	101
203364_s_at	KIAA0652 gene product	KIAA0652	330	314	192	191	183	152
1552303_a_at	hypothetical protein MGC20235	MGC20235	105	92	58	244	239	86
226343_at			198	182	112	101	102	86
205660_at	2'-5'-oligoadenylate synthetase-like	OASL	1112	928	553	3386	3242	1330
1556072_at	hypothetical protein FLJ40542	FLJ40542	90	88	56	202	182	126
224718_at	Solute carrier family 25, member 29	SLC25A29	274	284	174	147	147	138
227964_at	FKSG44 gene	FKSG44	729	662	404	424	398	274
228597_at	chromosome 21 open reading frame 45	C21orf45	43	46	29	76	65	52
1554229_at	adult retina protein	LOC153222	110	99	57	48	48	52
204604_at	PFTAIRE protein kinase 1	PFTK1	103	83	49	83	79	52

Figure 23-129

212293_at	homeodomain interacting protein kinase 1	HIPK1	485	537	323	301	307	261
218366_x_at	FLJ20859 gene	FLJ20859	116	115	68	58	50	57
222875_at	DEAH (Asp-Glu-Ala-His) box polypeptide 33	DHX33	77	82	51	39	48	42
233173_x_at	general transcription factor IIIC, polypeptide 5, 63kDa	GTF3C5	139	156	97	67	76	72
226816_s_at	KIAA1143 protein	KIAA1143	135	128	78	67	65	62
231920_s_at	casein kinase 1, gamma 1	CSNK1G1	53	48	29	31	32	28
242273_at	Transcribed locus		164	185	116	118	112	89
201913_s_at	Coenzyme A synthase	COASY	147	122	74	69	59	51
221747_at	Tensin	TNS	619	641	389	314	291	342
223217_s_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	NFKBIZ	973	962	600	9228	9344	6719
235163_at	MOB1, Mps One Binder kinase activator-like 2A (yeast)	MOBK2A	290	273	166	141	129	103
225405_at	Hypothetical protein DKFZp762N1910	DKFZp762N1910	458	485	296	247	241	227
225001_at	RAB3D, member RAS oncogene family	RAB3D	269	232	127	118	114	98
227052_at	Hypothetical protein LOC201895	LOC201895	218	187	111	136	128	102
223095_at	MARVEL domain containing 1	MARVELD1	85	74	47	56	52	42
201214_s_at	protein phosphatase 1, regulatory subunit 7	PPP1R7	140	140	86	79	84	64
224097_s_at	F11 receptor	F11R	127	122	75	71	76	62
218883_s_at	MLF1 interacting protein	MLF1IP	49	50	31	169	138	73
202416_at	DnaJ (Hsp40) homolog, subfamily C, member 7	DNAJC7	328	359	219	235	230	180
211919_s_at	chemokine (C-X-C motif) receptor 4	CXCR4	8878	9429	5844	3061	3014	3798
205823_at	regulator of G-protein signalling 12	RGS12	184	165	99	73	68	78
201996_s_at	spen homolog, transcriptional regulator (<i>Drosophila</i>)	SPEN	158	113	70	59	74	67
202909_at	EPM2A (laforin) interacting protein 1	EPM2AIP1	755	820	485	1961	1868	966

Figure 23-130

209467_s_at	MAP kinase interacting serine/threonine kinase 1	MKNK1	342	319	191	224	204	163
204152_s_at	manic fringe homolog (Drosophila)	MFNG	149	161	95	64	82	74
209551_at	hypothetical protein MGC11061	MGC11061	181	165	96	103	113	86
207194_s_at	intercellular adhesion molecule 4, Landsteiner-Wiener blood group	ICAM4	44	58	35	230	194	132
209295_at	tumor necrosis factor receptor superfamily, member 10b	TNFRSF10B	1014	949	573	1373	1301	893
223567_at	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B	SEMA6B	372	405	262	257	226	172
200867_at	zinc finger protein 313	ZNF313	517	573	349	288	302	282
209201_x_at	chemokine (C-X-C motif) receptor 4	CXCR4	9382	10009	6173	2932	2877	3602
211152_s_at	protease, serine, 25	PRSS25	76	62	39	42	32	31
225148_at	hypothetical protein MGC52010	MGC52010	400	396	242	130	121	150
209422_at	PHD finger protein 20	PHF20	296	272	167	188	169	145
232524_x_at	anaphase promoting complex subunit 4	ANAPC4	127	113	68	64	63	56
207724_s_at	spastic paraplegia 4 (autosomal dominant; spastin)	SPG4	218	246	149	95	105	101
229393_at	dipeptidylpeptidase 8	DPP8	68	65	39	46	39	36
220939_s_at	G protein-coupled receptor 132	GPR132	460	474	286	257	271	207
223887_at	adenylate cyclase 7	ADCY7	509	530	317	1388	1272	767
1554827_a_at	carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2	CHST2	91	101	63	67	58	49
203921_at			652	662	402	898	903	489
220992_s_at	chromosome 1 open reading frame 25	C1orf25	93	83	50	52	49	32
215159_s_at	NAD kinase	FLJ13052	159	141	86	71	85	68
218950_at	centaurin, delta 3	CENTD3	337	319	194	141	135	146
208979_at	nuclear receptor coactivator 6	NCOA6	377	383	230	197	210	188
232213_at	Pellino homolog 1 (Drosophila)	PELL1	70	82	51	191	203	110
220342_x_at	chromosome 1 open reading frame 22	C1orf22	275	300	188	184	164	114

Figure 23-131

226175_at	hypothetical protein MGC29649	MGC29649	94	112	65	53	48	40
239135_at	Hypothetical protein FLJ11151	FLJ11151	129	127	74	71	57	63
212920_at	Transcribed locus, weakly similar to NP_060312.1 hypothetical protein FLJ20489 [Homo sapiens]		349	378	227	200	216	152
1729_at	TNFRSF1A-associated via death domain	TRADD	120	95	60	83	73	58
213227_at	progesterone receptor membrane component 2	PGRMC2	78	70	43	41	42	37
219352_at	hect domain and RLD 6	HERC6	113	95	60	145	134	81
212681_at	erythrocyte membrane protein band 4.1-like 3	EPB41L3	1601	1560	942	2029	1955	1020
229855_at	F-box and leucine-rich repeat protein FBXL10	FBXL10	79	80	49	35	36	39
204950_at	caspase recruitment domain family, member 8	CARD8	230	236	141	101	103	110
219859_at	C-type lectin domain family 4, member E	CLEC4E	263	249	149	777	723	378
217861_s_at	prolactin regulatory element binding	PREB	295	295	178	193	169	140
226168_at	hypothetical protein BC018415	LOC130617	87	82	51	44	45	47
211976_at	Hypothetical LOC401255		716	676	408	441	386	359
223404_s_at	chromosome 1 open reading frame 25	C1orf25	106	107	64	66	66	46
214663_at	receptor interacting protein kinase 5	RIPK5	52	59	35	18	27	21
218915_at	neurofibromin 2 (bilateral acoustic neuroma)	NF2	130	119	71	71	67	56
223243_s_at	chromosome 1 open reading frame 22	C1orf22	439	463	288	277	297	196
204858_s_at	endothelial cell growth factor 1 (platelet-derived)	ECGF1	917	878	522	688	613	459
229742_at	hypothetical LOC145853	LOC145853	57	58	37	30	25	36
221808_at	RAB9A, member RAS oncogene family	RAB9A	716	863	514	664	696	402

Figure 23-132

212360_at	adenosine monophosphate deaminase 2 (isoform L)	AMPD2	960	842	506	589	552	452
229908_s_at	Chromosome 16 open reading frame C16orf28		83	72	41	39	33	35
1569257_at	formin-like 1	FMNL1	178	138	86	74	72	65
203596_s_at	interferon-induced protein with tetratricopeptide repeats 5	IFIT5	193	169	101	372	376	139
211133_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	LILRB3	525	451	273	330	327	227
202083_s_at	SEC14-like 1 (S. cerevisiae)	SEC14L1	374	343	200	197	205	179
213483_at	KIAA0073 protein	KIAA0073	169	174	104	106	101	78
207540_s_at	spleen tyrosine kinase	SYK	613	640	381	368	399	307
209085_x_at	replication factor C (activator 1) 1, 145kDa	RFC1	71	83	54	37	38	42
235390_at	hypothetical protein FLJ36754	FLJ36754	60	56	33	32	26	23
209748_at	spastic paraplegia 4 (autosomal dominant; spastin)	SPG4	308	301	174	107	116	109
204386_s_at	mitochondrial ribosomal protein 63	MRP63	487	438	261	190	206	182
212747_at	ankyrin repeat and sterile alpha motif domain containing 1	ANKS1	72	55	33	37	35	29
200042_at	hypothetical protein HSPC117	HSPC117	525	532	318	325	363	264
213913_s_at	KIAA0984 protein	KIAA0984	43	42	30	96	78	49
205285_s_at	FYN binding protein (FYB-120/130)	FYB	146	127	60	54	57	47
209880_s_at	selectin P ligand	SELPLG	181	198	116	109	103	72
224327_s_at	diacylglycerol O-acyltransferase homolog 2 (mouse)	DGAT2	274	265	157	223	218	141
223032_x_at	px19-like protein	PX19	2678	2634	1567	1383	1470	1139
227873_at	chromosome 5 open reading frame 14	C5orf14	168	177	106	112	112	83
226249_at	similar to RIKEN cDNA 4732481H14 LOC401548		280	289	164	122	136	131
217862_at	protein inhibitor of activated STAT, 1	PIAS1	354	370	218	207	208	186
226820_at	FLJ25476 protein	FLJ25476	109	112	64	59	51	56

Figure 23-133

221654_s_at	ubiquitin specific protease 3	USP3	1867	1888	1115	769	797	794
226895_at	Nuclear factor I/C (CCAAT-binding transcription factor)	NFIC	137	112	65	61	66	59
230192_at	ret finger protein 2	RFP2	71	70	42	41	44	32
207968_s_at	MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)	MEF2C	129	125	78	80	79	65
205922_at	Homo sapiens, clone IMAGE:4105785, mRNA		263	265	153	118	100	107
155871_at	Mediterranean fever		156	166	102	258	198	103
208262_x_at	2'-5'-oligoadenylate synthetase 2, 69/71kDa	MEFV	237	236	135	315	290	158
206553_at	2',3'-cyclic nucleotide 3' phosphodiesterase	OAS2	135	105	68	130	127	63
208912_s_at	nuclear protein, ataxia-telangiectasia locus	CNP	322	267	156	212	198	141
209798_at	enhancer of zeste homolog 2 (Drosophila)	NPAT	244	231	135	109	115	97
203358_s_at	hypothetical protein FLJ11506	EZH2	40	52	38	162	144	79
202852_s_at	CCCTC-binding factor (zinc finger protein)	FLJ11506	84	93	56	52	45	36
202521_at	CCR4-NOT transcription complex, subunit 7	CTCF	445	503	297	232	252	195
218250_s_at	fucose-1-phosphate guanylyltransferase	CNOT7	569	597	353	264	276	238
205140_at	methionine sulfoxide reductase B2	FPGT	56	59	34	22	29	20
218773_s_at	delta sleep inducing peptide, immunoreactor	MSRB2	185	181	108	82	90	82
208763_s_at	chromosome 22 open reading frame 9	DSIP1	1448	1619	938	562	563	679
212421_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	C22orf9	115	112	65	66	53	56
234747_at	protein kinase substrate MK2S4	DDX58	81	89	51	41	44	39
242961_x_at	tripartite motif-containing 4	DDX58	284	226	124	319	296	167
225763_at		MK2S4	202	230	133	452	390	422
223384_s_at		TRIM4	268	317	192	169	178	144

Figure 23-134

227425_at	CDNA FLJ40165 fis, clone TEST12015962	80	90	53	65	68	45
211135_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	614	528	309	403	415	265
224696_s_at		109	94	56	58	50	57
212802_s_at	DKFZP434C212 protein	721	714	420	376	364	330
229410_at	Solute carrier family 35, member E1	231	211	124	117	121	106
238622_at	RAP2B, member of RAS oncogene family	161	154	90	43	55	53
210582_s_at	LIM domain kinase 2	184	185	107	291	238	155
239525_at	Hypothetical protein DKFZp547A023	72	65	38	29	32	26
224873_s_at	mitochondrial ribosomal protein S25	73	65	37	39	42	34
223526_at	cell division cycle 40 homolog (yeast)	227	263	157	160	167	121
203376_at		444	499	295	226	260	215
233177_s_at	myofibrillogenesis regulator 1	642	675	406	391	336	319
200616_s_at	KIAA0152	352	322	191	192	181	147
212873_at	minor histocompatibility antigen HA-1	881	837	477	414	403	414
223110_at	DKFZP434I116 protein	365	362	213	205	198	159
215501_s_at	dual specificity phosphatase 10	777	868	499	392	393	562
217873_at	calcium binding protein 39	1208	1295	762	690	684	592
226872_at	regulatory factor X, 2 (influences HLA class II expression)	119	133	81	69	63	70
218628_at	CGI-116 protein	132	130	79	82	84	66
227116_at	Similar to C10orf94 protein	320	282	165	166	127	129
204217_s_at	reticulon 2	57	45	27	42	33	20
222000_at	hypothetical protein LOC339448	170	165	98	75	70	69
218370_s_at	hypothetical protein FLJ12903	56	63	37	29	31	35
229232_at	hypothetical protein FLJ36812	123	114	67	61	66	49

Figure 23-135

233333_x_at	advillin	AVIL	85	101	59	50	62	55
222998_at	homolog of yeast MAF1	MAF1	508	535	310	264	262	208
228088_at	immunoglobulin heavy chain variable region 194-5		93	80	46	163	160	93
203089_s_at	protease, serine, 25	PRSS25	61	64	41	28	30	30
225585_at	RAP2A, member of RAS oncogene family	RAP2A	210	212	123	98	106	104
202449_s_at	retinoid X receptor, alpha	RXRA	1183	1066	643	568	602	467
218030_at	G protein-coupled receptor kinase interactor 1	GIT1	96	90	52	61	56	47
213550_s_at	hypothetical protein PRO1580	PRO1580	188	182	112	101	85	86
204639_at	adenosine deaminase	ADA	1577	1565	937	2855	2948	1391
218528_s_at	ring finger protein 38	RNF38	371	380	221	197	206	182
225841_at	hypothetical protein FLJ30525	FLJ30525	84	82	48	50	49	43
203149_at	poliovirus receptor-related 2 (herpesvirus entry mediator B)	PVR2	246	218	125	208	179	111
226275_at	MAX dimerization protein 1	MAD	2437	2182	1303	2832	2565	1484
202184_s_at	nucleoporin 133kDa	NUP133	134	134	79	75	80	61
217427_s_at	HIR histone cell cycle regulation defective homolog A (S. cerevisiae)	HIRA	150	179	108	109	112	73
222396_at	hematological and neurological expressed 1	HN1	502	444	251	237	226	183
238044_at	Transcribed locus, moderately similar to XP_529341.1 LOC450700 [Pan troglodytes]		93	54	33	31	32	28
223250_at	kelch-like 7 (Drosophila)	KLHL7	124	122	70	72	74	60
218061_at	male-enhanced antigen	MEA	205	202	119	117	110	99
224921_at	secretory carrier membrane protein 2	SCAMP2	246	214	125	116	137	125
203595_s_at	interferon-induced protein with tetratricopeptide repeats 5	IFIT5	294	247	149	593	654	192
218341_at	hypothetical protein FLJ11838	FLJ11838	345	324	195	178	176	148
202047_s_at	chromobox homolog 6	CBX6	443	389	222	226	207	157
202051_s_at	zinc finger protein 262	ZNF262	206	190	110	122	114	96

Figure 23-136

207677_s_at	neutrophil cytosolic factor 4, 40kDa	NCF4	174	154	91	98	84	99
209683_at								
1553581_s_at	hypothetical protein FLJ36754	FLJ36754	830	868	504	1263	1175	692
229018_at	hypothetical protein FLJ22789	FLJ22789	198	189	112	85	93	77
219862_s_at	nuclear prelamin A recognition factor NARF	NARF	53	55	33	33	29	21
			146	138	82	86	76	69
219459_at	polymerase (RNA) III (DNA directed) POLR3B	POLR3B	72	70	40	41	43	33
	polypeptide B							
218194_at	small fragment nuclease	DKFZP566E1	129	112	64	64	66	60
		44						
222622_at	hypothetical protein LOC283871	LOC283871	105	108	65	47	37	45
219035_s_at	ring finger protein 34	RNF34	382	407	238	200	206	170
40465_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	DDX23	110	123	72	70	78	54
226715_at	Homo sapiens, clone IMAGE:4747087, mRNA		158	153	88	83	87	78
207966_s_at	golgi apparatus protein 1	GLG1	369	347	199	174	189	153
223658_at	potassium channel, subfamily K, member 6	KCNK6	84	73	41	32	31	28
202815_s_at	HMBA-inducible	HIS1	238	225	136	122	123	107
209141_at	ubiquitin-conjugating enzyme E2G 1	UBE2G1	364	363	207	160	165	145
222273_at	(UBC7 homolog, C. elegans) Transcribed locus, moderately similar to NP_060312.1 hypothetical protein FLJ20489 [Homo sapiens]		90	82	47	42	42	43
227075_at	elongation protein 3 homolog (S. cerevisiae)	ELP3	133	128	74	70	66	52
202906_s_at	Nijmegen breakage syndrome 1 (nibrin)	NBS1	282	319	183	1436	1496	762
222478_at	chromosome 14 open reading frame 133	C14orf133	188	189	106	108	104	88
218431_at			132	135	78	70	61	54
227847_at	EPM2A (laforin) interacting protein 1	EPM2AIP1	429	470	272	1004	923	466

Figure 23-137

239866_at	CDNA FLJ14392 fis, clone HEMBA1003166	69	57	34	20	23	24
1554594_at	hypothetical protein LOC201175	67	68	38	26	30	35
202163_s_at	CCR4-NOT transcription complex, subunit 8	239	224	130	113	118	100
201809_s_at	endoglin (Osler-Rendu-Weber syndrome 1)	1681	1634	940	1049	956	684
223576_at	chromosome 6 open reading frame 203	61	82	48	50	40	36
224765_at	hypothetical protein LOC339287	387	386	221	183	176	187
225528_at	importin 8	287	264	151	142	140	138
221498_at	sorting nexin family member 27	173	160	93	86	87	83
40640_at	hypothetical protein 384D8_6	80	73	44	55	50	37
224622_at	TBC1 domain family, member 14	102	114	66	71	60	53
225923_at	VAMP (vesicle-associated membrane protein)-associated protein B and C	84	89	52	44	41	34
218534_s_at	angiogenic factor with G patch and FHA domains 1	117	112	65	51	54	48
234050_at	T-cell activation GTPase activating protein	61	55	34	95	78	57
212904_at	KIAA1185 protein	364	385	226	184	185	145
215936_s_at	KIAA1033 protein	518	485	267	262	283	225
217755_at	hematological and neurological expressed 1	598	576	324	312	318	240
235241_at	hypothetical protein FLJ90709	194	169	94	106	102	83
224644_at	Homo sapiens, clone IMAGE:5278517, mRNA	840	897	516	453	463	406
227880_s_at	family with sequence similarity 11, member A	59	52	32	37	39	27
223947_s_at	cofactor required for Sp1 transcriptional activation, subunit 3, 130kDa	137	161	92	97	81	93
225095_at	serine palmitoyltransferase, long chain base subunit 2	102	108	61	51	47	46

Figure 23-138

204204_at	solute carrier family 31 (copper transporters), member 2	SLC31A2	1281	1348	777	531	532	566
225327_at	hypothetical protein FLJ10980	FLJ10980	202	196	108	93	97	91
212231_at	F-box protein 21	FBXO21	149	150	87	78	79	62
206707_x_at	chromosome 6 open reading frame 32	C6orf32	128	135	77	233	231	128
219628_at	p53 target zinc finger protein	WIG1	72	65	40	31	30	35
223547_at	chromosome 14 open reading frame 100	C14orf100	53	60	35	30	35	28
229770_at	hypothetical protein FLJ31978	FLJ31978	339	306	176	161	142	138
224881_at	vitamin K epoxide reductase complex, subunit 1-like 1	VKORC1L1	81	75	42	39	43	40
231822_at	hypothetical protein DKFZp547A023	DKFZp547A023	135	153	86	60	59	56
202122_s_at	mannose-6-phosphate receptor binding protein 1	M6PRBP1	956	967	556	478	462	425
241742_at	PRAM-1 protein	PRAM-1	114	103	58	46	35	42
215775_at	Thrombospondin 1	THBS1	81	88	51	168	156	50
227041_at	immunoglobulin heavy chain variable region 194-5		145	140	80	266	230	169
217954_s_at	PHD finger protein 3	PHF3	335	358	201	162	155	168
212608_s_at	Nudix (nucleoside diphosphate linked moiety X)-type motif 3	NUDT3	539	445	262	233	236	207
227678_at	Ku70-binding protein 3	KUB3	62	63	36	32	40	35
214791_at	hypothetical protein BC004921	LOC93349	102	95	54	48	43	37
218139_s_at	chromosome 14 open reading frame 108	C14orf108	492	471	271	213	226	173
223000_s_at	F11 receptor	F11R	704	594	326	336	336	296
202227_s_at	bromodomain containing 8	BRD8	152	152	86	83	68	61
210312_s_at	intraflagellar transport protein IFT20	LOC90410	266	269	154	114	123	113
226910_at	COMM domain containing 2	COMMD2	106	102	58	49	51	46
202492_at	APG9 autophagy 9-like 1 (S. cerevisiae)	APG9L1	172	137	78	65	65	57

Figure 23-139

210933_s_at	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	FSCN1	184	186	109	280	269	116
47773_at	F-box protein 42	FBXO42	112	93	52	75	76	50
226607_at	chromosome 20 open reading frame 194	C20orf194	199	187	107	93	107	92
1555106_a_at	hypothetical protein HSPC129	HSPC129	77	85	48	39	45	39
224893_at	DKFZP564J0863 protein	DKFZP564J0863	371	317	180	168	146	127
229429_x_at	LOC440669		242	194	112	225	208	119
214383_x_at	kelch domain containing 3	KLHDC3	115	119	67	58	66	58
227331_at	Hypothetical protein LOC283337	LOC283337	132	127	72	65	62	60
203377_s_at	cell division cycle 40 homolog (yeast)	CDC40	84	85	50	42	45	38
229342_at	CDNA FLJ32162 fis, clone PLACE6000325		85	87	51	41	45	35
236199_at	Arachidonate 5-lipoxygenase	ALOX5	123	107	59	73	52	57
218028_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	ELOVL1	734	724	416	295	292	245
219806_s_at	FN5 protein	FN5	625	638	359	1225	1266	544
218841_at	ankyrin repeat and SOCS box-containing 8	ASB8	113	113	62	52	54	48
212078_s_at	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	67	75	42	41	42	36
51146_at	phosphatidylinositol glycan, class V	PIGV	51	46	28	82	86	47
230292_at	Chromosome condensation 1-like	CHC1L	93	67	41	44	44	39
220882_at	SGT1, suppressor of G2 allele of SKP1 (S. cerevisiae)	SUGT1	63	78	47	954	716	656
223330_s_at	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	APPBP2	152	146	84	75	71	53
202630_at	WD repeat domain 44	WDR44	246	220	131	126	119	94
219297_at	HMBA-inducible	HIS1	111	123	68	72	66	60
202814_s_at			518	534	314	312	286	244

Figure 23-140

227627_at	serum/glucocorticoid regulated kinase-like	SGKL	1910	1839	1018	895	812	947
216262_s_at	TGFB-induced factor 2 (TALE family homeobox)	TGIF2	216	170	96	129	125	123
201697_s_at	DNA (cytosine-5-)-methyltransferase 1	DNMT1	174	175	98	106	102	83
201743_at	CD14 antigen	CD14	10104	9106	5264	8217	7376	4189
226026_at	disrupted in renal carcinoma 2	DIRC2	977	1036	587	620	593	512
213803_at	Karyopherin (importin) beta 1	KPNB1	207	187	104	135	124	86
230966_at	interleukin 4 induced 1	IL4I1	604	525	287	489	477	278
228343_at	POU domain, class 2, transcription factor 2	POU2F2	141	142	77	70	77	58
212045_at	golgi apparatus protein 1	GLG1	96	99	56	50	57	44
234734_s_at	trinucleotide repeat containing 6A	TNRC6A	203	199	112	99	103	83
212329_at	SREBP cleavage-activating protein	SCAP	123	106	68	63	71	65
205926_at	interleukin 27 receptor, alpha	IL27RA	106	127	69	70	64	60
205119_s_at	formyl peptide receptor 1	FPR1	7412	6696	3906	5448	5232	3447
225108_at	Alkylglycerone phosphate synthase	AGPS	114	112	64	64	59	50
226657_at	hypothetical protein DKFZp762H185	DKFZp762H185	62	63	36	34	35	41
229265_at	Hypothetical protein FLJ13941	FLJ13941	1197	1095	610	603	576	587
212605_s_at	Nudix (nucleoside diphosphate linked moiety X)-type motif 3	NUDT3	278	248	142	140	133	114
209879_at	selectin P ligand	SEPLG	609	594	332	256	222	216
221938_x_at	thyroid hormone receptor associated protein 5	THRAP5	67	58	35	34	35	33
53912_at	sorting nexin 11	SNX11	294	340	191	196	211	137
218277_s_at	DEAH (Asp-Glu-Ala-His) box polypeptide 40	DHX40	351	327	183	235	237	173
222996_s_at	CXXC finger 5	CXXC5	443	486	274	193	218	175
218026_at	HSPC009 protein	HSPC009	318	340	188	145	152	129
206133_at	XIAP associated factor-1	HSXIAPAF1	372	323	167	277	287	151
223988_x_at	FLJ20859 gene	FLJ20859	122	117	67	59	57	57
227854_at			717	691	415	381	348	247

Figure 23-141

224232_s_at	px19-like protein	PX19	571	493	272	249	244	156
210053_at	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	TAF5	103	100	56	46	42	37
204640_s_at	speckle-type POZ protein	SPOP	436	438	246	207	212	173
226011_at	coiled-coil domain containing 12	CDC12	239	237	134	88	90	101
35160_at	LIM domain binding 1	LDB1	217	175	97	95	97	82
1555461_at			47	54	31	20	21	16
221656_s_at	hypothetical protein FLJ10521	FLJ10521	363	335	194	212	203	169
228670_at	telomerase-associated protein 1	TEP1	91	86	48	38	44	31
243495_s_at	KIAA0924 protein	KIAA0924	59	62	34	35	31	26
216705_s_at	adenosine deaminase	ADA	1372	1542	875	2606	2481	1203
233811_at	Ras and Rab interactor 2	RIN2	36	26	14	132	110	40
235276_at	Epithelial stromal interaction 1 (breast)	EPSTI1	165	172	97	147	144	84
209479_at	chromosome 6 open reading frame 80	C6orf80	396	378	211	195	170	177
226133_s_at	TBC1 domain family, member 10	TBC1D10	168	166	93	263	217	132
224701_at	poly (ADP-ribose) polymerase family, member 14	PARP14	409	376	194	303	262	185
232297_at	NTKL-binding protein 1	FLJ11752	414	410	230	228	228	165
226337_at	leptin receptor overlapping transcript-like 1	LEPROTL1	107	109	64	61	63	47
202594_at			439	442	241	200	234	215
244650_at	CDNA FLJ43660 fis, clone SYN0V4004823		78	75	42	44	43	31
236614_at	LOC440455	LOC440455	126	110	63	95	97	87
58780_s_at	hypothetical protein FLJ10357	FLJ10357	193	191	106	76	85	77
202239_at	poly (ADP-ribose) polymerase family, member 4	PARP4	524	504	277	309	317	249
211352_s_at	nuclear receptor coactivator 3	NCOA3	196	213	118	105	106	112
208381_s_at	sphingosine-1-phosphate lyase 1	SGPL1	126	132	74	149	114	88
227684_at	Transcribed locus, moderately similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]		150	131	73	70	60	49

Figure 23-142

225231_at	Cas-Br-M (murine) ecotropic retroviral transforming sequence	CBL	810	812	452	287	308	255
226005_at	Ubiquitin-conjugating enzyme E2G1 (UBC7 homolog, C. elegans)	UBE2G1	189	186	103	98	89	86
227319_at	Chromosome 16 open reading frame C16orf44		114	107	60	55	52	52
221748_s_at	tensin	TNS	1593	1546	861	618	610	734
202307_s_at	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	TAP1	847	734	410	851	884	499
204761_at	USP6 N-terminal like	USP6NL	59	56	32	38	42	23
206595_at	cystatin E/M	CST6	192	162	89	103	101	86
1559067_a_at	Hypothetical protein LOC158402	LOC158402	96	79	45	55	56	45
228460_at	zinc finger protein 319	ZNF319	143	124	72	87	89	65
229704_at			95	89	50	46	51	41
226177_at	glycolipid transfer protein	GLTP	1773	1736	976	878	801	666
227531_at	Homo sapiens, clone IMAGE:5267398, mRNA		94	110	61	56	66	52
218624_s_at	hypothetical protein MGC2752	MGC2752	159	170	94	83	81	66
204006_s_at	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	FCGR3A, FCGR3B	1005	1088	583	508	501	372
202086_at	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)	MX1	969	844	429	985	972	488
227396_at	Homo sapiens, clone IMAGE:4454331, mRNA		1386	1391	764	1553	1559	1006
1559502_s_at	leucine rich repeat containing 25	LRRRC25	658	714	394	181	177	161
219129_s_at	Sin3A associated protein p30-like	SAP30L	104	112	62	40	37	37
209199_s_at	MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)	MEF2C	799	792	453	491	459	367
224973_at	family with sequence similarity 46, member A	FAM46A	125	103	55	80	80	51
218205_s_at	MAP kinase interacting serine/threonine kinase 2	MKNK2	1114	955	519	597	544	497

Figure 23-143

227036_at	Transcribed locus	88	78	50	66	61	52
232687_at	CDNA FLJ33091 fis, clone TRACH2000660	162	168	94	67	70	57
1552667_a_at	SH2 domain containing 3C	133	125	69	46	44	42
228920_at	hypothetical protein LOC339324	68	81	49	40	41	37
205497_at	zinc finger protein 175	74	84	50	55	51	39
226000_at	Hypothetical protein DKFZp547A023	326	350	193	116	133	128
219238_at	phosphatidylinositol glycan, class V	82	82	52	141	125	67
203457_at	syntaxin 7	110	99	54	58	52	52
229509_at	hypothetical protein MGC33302	80	81	46	41	35	32
209018_s_at	P1EN induced putative kinase 1	177	214	116	117	114	96
201877_s_at	protein phosphatase 2, regulatory subunit B (B56), gamma isoform	562	547	313	290	299	242
213006_at	CCAAT/enhancer binding protein (C/EBP), delta	80	81	42	29	30	31
201611_s_at	isoprenylcysteine carboxyl methyltransferase	59	62	35	33	37	32
223218_s_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	2809	2697	1531	11989	11422	9147
228532_at	hypothetical protein MGC24133	1788	1721	930	766	744	693
222769_at	hypothetical protein FLJ12998	71	52	32	44	43	37
205469_s_at	interferon regulatory factor 5	274	312	171	136	160	123
205467_at	caspase 10, apoptosis-related cysteine protease	175	159	86	97	81	63
200028_s_at	START domain containing 7	1170	1206	679	721	660	511
202113_s_at	sorting nexin 2	760	835	458	322	342	321
229814_at	Transcribed locus	91	93	46	157	154	75
1558237_x_at	ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C. elegans)	105	98	53	54	51	53
209142_s_at	chromosome X open reading frame 21	245	262	146	113	117	93
220252_x_at		279	227	128	151	150	93
208927_at	Speckle-type POZ protein	467	445	250	228	223	175

Figure 23-144

224704_at	trinucleotide repeat containing 6A	TNRC6A	244	228	126	119	128	103
212269_s_at	MCM3 minichromosome maintenance deficient 3 (S. cerevisiae) associated protein Mbt domain containing 1	MCM3AP	145	139	75	80	65	66
226797_at	Mbt domain containing 1	MBTD1	156	156	85	54	61	66
219999_at	mannosidase, alpha, class 2A, member 2	MAN2A2	107	98	55	45	57	57
229705_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]		61	50	27	37	37	31
212795_at	KIAA1033 protein	KIAA1033	1257	1324	719	662	687	630
211594_s_at	mitochondrial ribosomal protein L9	MRPL9	55	56	32	29	26	38
235286_at	Chemokine-like factor super family 1	CKLFSF1	107	118	59	47	54	53
228617_at	XIAP associated factor-1	HSXIAPAF1	498	418	215	426	400	214
221140_s_at	G protein-coupled receptor 132	GPR132	134	164	92	423	352	211
210225_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	LILRB3	589	554	305	397	348	251
204227_s_at	thymidine kinase 2, mitochondrial	TK2	147	148	82	73	78	70
227626_at	chromosome 6 open reading frame 33	C6orf33	78	71	38	30	36	25
213758_at	Cytochrome c oxidase subunit IV isoform 1	COX4I1	79	90	52	39	35	38
225825_at	chromosome 20 open reading frame 194	C20orf194	77	60	34	45	41	39
202390_s_at	huntingtin (Huntington disease)	HD	65	66	38	73	75	58
220023_at	apolipoprotein B48 receptor	APOB48R	587	672	378	328	331	263
226298_at	RUN domain containing 1	RUNDC1	116	123	67	48	50	42
225490_at	AT rich interactive domain 2 (ARID, RFX-like)	ARID2	198	178	100	120	130	98
225350_s_at	Hypothetical protein FLJ13456	FLJ13456	119	104	53	48	46	35
218818_at	four and a half LIM domains 3	FHL3	392	367	198	166	140	144
218461_at	protein x 0004	MGC14560	90	81	43	37	37	36
217943_s_at	hypothetical protein FLJ10350	FLJ10350	1265	1378	751	551	550	529

Figure 23-145

207112_s_at	GRB2-associated binding protein 1	GAB1	56	47	29	26	34	31
226796_at	hypothetical protein LOC116236	LOC116236	76	75	41	37	40	40
202032_s_at	mannosidase, alpha, class 2A, member 2	MAN2A2	366	416	219	163	166	173
211100_x_at	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2	LILRA2	760	837	455	416	404	354
238010_at	hypothetical protein LOC339448	LOC339448	66	81	46	32	35	24
202164_s_at	CCR4-NOT transcription complex, subunit 8	CNOT8	466	515	277	218	261	197
213733_at	myosin IF	MYO1F	2193	2250	1210	1308	1244	999
222876_s_at	centaurin, alpha 2	CENTA2	183	170	93	77	72	76
232493_at	Src-like-adaptor	SLA	69	59	32	36	34	28
203761_at	Full-length cDNA clone		656	681	388	909	858	401
229287_at	CSODK010YA20 of HeLa cells Cot 25-normalized of Homo sapiens (human)		178	166	92	105	106	84
239024_at	Zinc finger protein 148 (pHZ-52)	ZNF148	84	84	46	41	43	33
1553955_at	smooth muscle myosin heavy chain 11 isoform SM1-like	LOC129285	108	95	51	51	47	41
228416_at	kelch repeat and BTB (POZ) domain containing 4	KBTBD4	151	163	83	312	333	171
218570_at	Ral-GDS related protein Rgr	Rgr	23	29	20	62	60	35
235816_s_at	XPMC2 prevents mitotic catastrophe	XPMC2H	127	131	74	58	52	57
218767_at	2 homolog (Xenopus laevis)							
203964_at	N-myc (and STAT) interactor	NMI	610	571	317	670	665	417
219284_at	HSPB (heat shock 27kDa) associated protein 1	HSPBAP1	172	157	84	103	99	91
210892_s_at	general transcription factor II, i	GTF2I	92	100	53	53	66	47
222630_at	hypothetical protein FLJ12994	FLJ12994	147	143	78	83	96	72
225053_at	CCR4-NOT transcription complex, subunit 7	CNOT7	752	767	421	324	310	292

Figure 23-146

202116_at	D4, zinc and double PHD fingers family 2	DPF2	246	246	134	121	135	89
204961_s_at	neutrophil cytosolic factor 1 (47kDa, chronic granulomatous disease, autosomal 1)	NCF1	533	460	250	413	389	261
218530_at	formin homology 2 domain containing 1	FHOD1	578	552	299	291	295	256
213154_s_at	bicaudal D homolog 2 (Drosophila)	BICD2	329	336	180	187	180	148
203502_at	2,3-bisphosphoglycerate mutase	BPGM	119	137	72	62	59	57
225117_at	hypothetical protein LOC284058	LOC284058	432	392	211	187	204	176
226853_at	BMP2 inducible kinase	BMP2K	360	345	184	206	181	174
204215_at	chromosome 7 open reading frame 23	C7orf23	608	647	352	266	267	259
208611_s_at	spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)	SPTAN1	44	56	33	34	30	38
207167_at	immunoglobulin superfamily, member 2	IGSF2	77	80	44	52	50	38
226739_at	hypothetical protein KIAA1991	KIAA1991	102	114	66	63	60	55
224516_s_at	CXXC finger 5	CXXC5	883	939	497	399	397	316
211794_at	FYN binding protein (FYB-120/130)	FYB	147	137	68	76	79	65
225856_at	Homo sapiens, clone IMAGE:5267398, mRNA		69	68	39	35	37	35
208445_s_at	bromodomain adjacent to zinc finger domain, 1B	BAZ1B	146	157	85	75	69	73
229733_s_at	Chromobox homolog 6	CBX6	295	312	170	172	155	122
212648_at	DEAH (Asp-Glu-Ala-His) box polypeptide 29	DHX29	206	211	116	107	121	97
227294_at	hypothetical protein BC014000	LOC115509	202	207	114	90	76	77
209824_s_at	aryl hydrocarbon receptor nuclear translocator-like	ARNTL	187	198	111	97	94	84
239412_at	interferon regulatory factor 5	IRF5	203	205	99	70	89	67
224953_at	golgi membrane protein SB140	SMAP-5	342	344	186	186	185	161
202162_s_at	CCR4-NOT transcription complex, subunit 8	CNOT8	346	372	201	180	191	157
226613_at	TBC1 domain family, member 10	TBC1D10	124	117	62	129	112	57

Figure 23-147

212542_s_at	pleckstrin homology domain interacting protein	PHIP	361	371	200	224	230	185
207536_s_at	tumor necrosis factor receptor superfamily, member 9	TNFRSF9	117	118	64	237	212	125
201529_s_at	replication protein A1, 70kDa	RPA1	196	218	119	135	137	106
205069_s_at	Rho GTPase activating protein 26	ARHGAP26	53	38	22	27	26	22
238823_at	formin-like 3	FMNL3	125	130	68	72	84	62
208594_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 6	LILRB6	579	627	330	359	321	220
206219_s_at	vav 1 oncogene	VAV1	548	483	264	472	411	246
202084_s_at	SEC14-like 1 (S. cerevisiae)	SEC14L1	1478	1440	749	828	822	721
218014_at	pericentrin 1	PCNT1	107	99	53	47	50	45
234295_at	debranching enzyme homolog 1 (S. cerevisiae)	DBR1	64	67	38	33	36	26
203487_s_at	armadillo repeat containing 8	ARMC8	206	211	117	144	137	98
203451_at	LIM domain binding 1	LDB1	168	164	88	88	80	76
237104_at			73	61	34	41	42	36
223356_s_at	mitochondrial translational initiation factor 3	MTIF3	70	74	47	49	37	34
1555945_s_at	chromosome 9 open reading frame 10	C9orf10	494	464	251	248	237	214
207446_at	toll-like receptor 6	TLR6	102	100	52	35	26	39
210878_s_at	jumonji domain containing 1B	JMJD1B	436	479	256	195	199	195
223270_at	hypothetical protein HSPC129	HSPC129	143	127	68	66	74	58
226652_at	Ubiquitin specific protease 3	USP3	727	737	394	312	304	309
1553528_a_at	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	TAF5	58	62	33	26	24	21
201253_s_at	CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synthase)	CDIPT	550	439	236	202	210	186
225224_at			280	265	136	119	118	121
223351_at			79	96	52	38	41	44
227792_at			1099	1071	575	453	496	399

Figure 23-148

221825_at	similar to RIKEN cDNA 2610307121	LOC90806	174	169	90	88	95	75
224974_at	likely ortholog of mouse Sds3	SDS3	77	76	42	45	43	34
74694_s_at	rebaptin, RAB GTPase binding effector protein 2	RABEP2	72	76	41	34	39	35
225234_at	Cas-Br-M (murine) ecotropic retroviral transforming sequence	CBL	367	367	202	150	154	159
223980_s_at	SP110 nuclear body protein	SP110	176	151	75	111	103	72
202844_s_at	ralA binding protein 1	RALBP1	81	79	49	50	41	50
226032_at	caspase 2, apoptosis-related cysteine protease (neural precursor cell expressed, developmentally down-regulated 2)	CASP2	254	246	130	108	111	101
219988_s_at	hypothetical protein FLJ10597	FLJ10597	192	203	109	89	87	81
218757_s_at	UPF3 regulator of nonsense transcripts homolog B (yeast)	UPF3B	287	314	172	173	172	137
209850_s_at	CDC42 effector protein (Rho GTPase binding) 2	CDC42EP2	346	369	201	454	425	172
215038_s_at	huntingtin interacting protein B	HYPB	151	175	94	104	94	82
204200_s_at	platelet-derived growth factor beta polypeptide (simian sarcoma virus (v-sis) oncogene homolog)	PDGFB	60	36	18	134	130	65
217827_s_at	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	SPG21	973	981	527	589	619	477
225205_at	kinesin family member 3B	KIF3B	251	243	131	153	151	103
218252_at	cytoskeleton associated protein 2	CKAP2	150	143	75	72	70	46
209684_at	Ras and Rab interactor 2	RIN2	2340	2334	1343	5405	5233	2648
224643_at	hypothetical protein MGC12103	LOC133619	233	269	153	144	157	109
226861_at	ankyrin repeat and SOCS box-containing 8	ASB8	141	162	87	81	82	60
228531_at	sterile alpha motif domain containing 9	SAMD9	476	395	213	299	318	178
228325_at	KIAA0146 protein	KIAA0146	114	111	53	47	49	46
210706_s_at	ring finger protein 24	RNF24	421	463	236	237	217	205

Figure 23-149

226532_at	Full-length cDNA clone CS0DD009YD14 of Neuroblastoma Cot 50-normalized of Homo sapiens (human)	86	86	46	51	51	38
236345_at	Thromboxane A synthase 1 (platelet, TBXAS1 cytochrome P450, family 5, subfamily A)	291	276	147	166	153	139
225618_at	Rho GTPase activating protein 27	248	206	104	116	93	88
210891_s_at	general transcription factor II, i, pseudogene 1	1199	1160	601	693	685	532
219848_s_at	Ubiquitin specific protease 48	158	140	79	63	56	51
229812_at	ubiquitin specific protease 1	53	59	32	33	29	29
202413_s_at	hematopoietic protein 1	509	545	291	239	245	204
209734_at	Major vault protein	624	647	344	350	352	271
231878_at	Chromodomain helicase DNA binding protein 8	70	65	35	29	28	24
212571_at	synaptosomal-associated protein, 23kDa	260	274	148	136	149	105
209130_at	WD repeat domain 20	1028	1013	533	684	651	502
227693_at	excision repair cross-complementing rodent repair deficiency, complementation group 5	53	64	35	44	39	27
202414_at	(xeroderma pigmentosum, complementation group G (Cockayne syndrome))	196	183	97	99	103	72
204249_s_at	LIM domain only 2 (rhomotin-like 1) LMO2	994	991	534	424	470	350
210111_s_at	melanoma cell adhesion molecule	239	233	128	77	75	63
211042_x_at	ralA binding protein 1	88	70	42	49	49	31
202845_s_at	Suppressor of cytokine signaling 7	259	300	159	165	129	142
228662_at	similar to aspartate beta hydroxylase (ASPH)	126	114	61	64	65	52
227014_at	NFKB inhibitor interacting Ras-like 1	58	55	30	35	29	23
225930_at	NKIRAS1	47	45	27	44	52	40

Figure 23-150

218569_s_at	kelch repeat and BTB (POZ) domain KBTBD4 containing 4	77	80	48	49	40	30
225982_at		226	207	111	116	124	109
223507_at	ClpX caseinolytic protease X homolog (E. coli)	133	132	71	56	58	45
230383_x_at	Transcribed locus	135	130	69	151	125	70
217118_s_at	chromosome 22 open reading frame C22orf9	400	430	229	158	171	169
234988_at	valosin-containing protein (p97)/p47 VCIP135 complex-interacting protein p135	88	87	46	41	46	40
233955_x_at	CXXC finger 5	830	888	463	293	321	268
218514_at	hypothetical protein FLJ10587	301	322	173	145	167	125
203943_at	kinesin family member 3B	242	215	114	139	125	101
202348_s_at	torsin family 1, member A (torsin A) TOR1A	473	497	261	246	234	180
224925_at	phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1	541	465	242	285	302	258
244030_at		144	171	90	78	71	66
222028_at	zinc finger protein 45	105	109	58	38	43	38
225918_at	Hypothetical protein LOC146346	205	210	113	112	113	95
201109_s_at	thrombospondin 1	3387	3662	1921	8200	7478	2829
213761_at	Mdm4, transformed 3T3 cell double minute 1, p53 binding protein (mouse)	59	52	27	35	32	21
218519_at	solute carrier family 35, member A5 SLC35A5	297	326	173	187	197	150
218501_at	Rho guanine nucleotide exchange factor (GEF) 3	206	193	98	113	95	72
221937_at	CDNA FLJ34482 fis, clone HLUNG2004067	322	353	184	141	166	138
201365_at	ornithine decarboxylase antizyme 2 OAZ2	493	470	250	802	741	403
222566_at	suppressor of variegation 4-20 homolog 1 (Drosophila)	80	86	47	38	37	34

Figure 23-151

207565_s_at	major histocompatibility complex, class I-related	MR1	156	153	82	82	80	64
218344_s_at	REST corepressor 3	RCOR3	88	85	43	48	41	46
226265_at	Hypothetical protein FLJ21924	FLJ21924	225	224	119	91	94	92
212476_at	centaurin, beta 2	CENTB2	579	529	277	309	299	243
228145_s_at	zinc finger protein 398	ZNF398	75	92	51	27	26	32
207625_s_at	core-binding factor, runt domain, alpha subunit 2; translocated to, 2	CBFA2T2	54	52	33	31	43	23
218811_at	chromosome 7 open reading frame 19	C7orf19	150	156	82	63	59	51
206500_s_at	chromosome 14 open reading frame 106	C14orf106	71	74	36	28	29	29
213132_s_at	malonyl-CoA:acyl carrier protein transacylase, mitochondrial	MT	57	59	30	21	19	18
241827_at	zinc finger protein 615	ZNF615	112	112	58	45	53	42
235509_at	hypothetical protein MGC40214	MGC40214	61	55	29	85	83	30
205480_s_at	UDP-glucose pyrophosphorylase 2	UGP2	1021	1123	594	1535	1449	727
214992_s_at	deoxyribonuclease II, lysosomal	DNASE2	320	353	191	151	136	116
225214_at	proteasome (prosome, macropain) subunit, beta type, 7	PSMB7	900	980	511	407	370	352
228282_at	Hypothetical protein MGC33302	MGC33302	65	66	34	35	33	31
234574_at	Myosin IF	MYO1F	116	118	61	39	53	53
229595_at	coiled-coil-helix-coiled-coil-helix domain containing 4	CHCHD4	100	108	56	54	55	51
203974_at	haloacid dehalogenase-like hydrolase domain containing 1A	HDHD1A	169	189	98	94	99	81
225486_at	AT rich interactive domain 2 (ARID, RFX-like)	ARID2	132	122	64	80	78	65
219676_at	zinc finger protein 435	ZNF435	108	95	57	60	52	52
225010_at	coiled-coil domain containing 6	CCDC6	228	252	136	115	105	120
202193_at	LIM domain kinase 2	LIMK2	132	110	57	206	193	93
218132_s_at	leukocyte receptor cluster (LRC) member 5	LENG5	143	132	68	64	70	56
230790_x_at			141	117	64	74	72	62

Figure 23-152

204346_s_at	Ras association (RalGDS/AF-6) domain family 1	RASSF1	214	213	116	102	92	84
226056_at	KIAA1204 protein	CDGAP	940	863	450	854	928	536
213045_at	microtubule associated serine/threonine kinase 3	MAST3	246	239	123	138	127	93
202329_at	c-src tyrosine kinase	CSK	735	634	328	392	349	271
238581_at	Guanylate binding protein 5	GBP5	134	124	65	297	301	89
227580_s_at	DKFZP434B0335 protein	DKFZP434B0335	188	149	75	80	72	62
202349_at	torsin family 1, member A (torsin A)	TOR1A	498	500	259	256	237	180
211973_at	Nudix (nucleoside diphosphate linked moiety X)-type motif 3	NUDT3	103	112	58	66	63	53
210223_s_at	major histocompatibility complex, class I-related	MR1	307	315	163	159	167	121
214059_at	Interferon-induced protein 44	IFI44	44	41	20	69	60	31
224708_at	hypothetical protein MGC33867	MGC33867	278	267	138	112	125	89
34858_at	potassium channel tetramerisation domain containing 2	KCTD2	120	115	60	39	51	53
219424_at	Epstein-Barr virus induced gene 3	EBI3	18	16	8	163	156	50
229313_at			14	13	8	62	59	40
204774_at	ecotropic viral integration site 2A	EVI2A	2430	2512	1269	855	878	912
209203_s_at	bicaudal D homolog 2 (Drosophila)	BICD2	119	131	68	62	57	63
223192_at	solute carrier family 25, member 28	SLC25A28	192	180	95	238	195	120
211795_s_at	FYN binding protein (FYB-120/130)	FYB	279	274	127	133	125	112
218168_s_at	chaperone, ABC1 activity of bc1 complex like (S. pombe)	CABC1	136	113	62	59	63	55
45749_at	hypothetical protein FLJ13725	FLJ13725	647	590	299	344	334	312
201185_at	protease, serine, 11 (IGF binding)	PRSS11	556	536	271	288	300	222
203940_s_at	KIAA1036	KIAA1036	1220	1160	597	619	632	465
224706_at	hypothetical protein MGC33867	MGC33867	322	347	180	135	149	121
229861_at	Hypothetical gene supported by AK092922; AL831912		178	165	84	177	172	117
224924_at	tetrapeptide repeat domain 7A	TTC7A	146	137	70	87	83	70

Figure 23-153

228499_at	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4	PFKFB4	282	265	134	59	65	76
202365_at	hypothetical protein MGC5139	MGC5139	230	208	110	86	82	79
204277_s_at	thymidine kinase 2, mitochondrial	TK2	85	78	43	43	40	26
222683_at	ring finger protein 20	RNF20	385	394	201	193	198	159
227889_at	hypothetical protein FLJ20481	FLJ20481	243	242	129	150	146	109
219694_at	hypothetical protein FLJ11127	FLJ11127	146	140	74	65	62	44
229750_at	POU domain, class 2, transcription factor 2	POU2F2	322	283	142	162	173	122
212760_at	ubiquitin protein ligase E3 component n-recognin 2	UBR2	393	379	190	167	193	153
218815_s_at	hypothetical protein FLJ10199	FLJ10199	702	740	374	246	264	247
203185_at	Ras association (RalGDS/AF-6) domain family 2	RASSF2	3877	3836	1996	2197	2267	1737
218684_at	leucine rich repeat containing 5	LRRC5	404	416	212	331	344	209
226104_at	Hypothetical protein DKFZp564A022	DKFZP564A022	66	61	35	35	21	28
226748_at	hypothetical protein MGC35274	MGC35274	775	789	408	903	896	460
214699_x_at	WIP149-like protein 2	WIP1-2	104	115	58	48	48	51
205018_s_at	muscleblind-like 2 (Drosophila)	MBNL2	113	100	51	60	49	38
220367_s_at	mSin3A-associated protein 130	SAP130	115	118	61	72	69	55
219457_s_at	Ras and Rab interactor 3	RIN3	534	559	292	359	346	256
226191_at	Glycogen synthase kinase 3 beta	GSK3B	681	748	387	422	424	360
229723_at	T-cell activation GTPase activating protein	TAGAP	756	709	362	1239	1284	811
238606_at	hypothetical protein MGC2474	MGC2474	64	60	34	26	26	20
210549_s_at	chemokine (C-C motif) ligand 23	CCL23	39	26	15	232	213	40
202561_at	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase	TNKS	77	74	38	46	46	43
226222_at	KIAA1432	KIAA1432	176	162	82	110	99	79
235086_at	Thrombospondin 1	THBS1	936	878	427	2338	2021	698
212188_at	potassium channel tetramerisation domain containing 12	KCTD12	1417	1325	685	683	753	637
217980_s_at	mitochondrial ribosomal protein L16	MRPL16	153	174	88	73	73	62

Figure 23-154

204153_s_at	manic fringe homolog (Drosophila)	MFNG	465	427	210	158	170	167
210548_at	chemokine (C-C motif) ligand 23	CCL23	17	14	7	108	119	29
218231_at	N-acetylglucosamine kinase	NAGK	989	988	497	567	531	429
226214_at	membrane interacting protein of RGS16	MIR16	248	262	135	104	104	92
1569129_s_at	protein kinase, AMP-activated, beta 2 non-catalytic subunit	PRKAB2	136	130	69	57	61	43
1565567_at			57	56	29	17	25	18
225278_at			83	84	42	54	56	32
239336_at	lupus brain antigen 1	LBA1	72	68	38	182	149	40
213261_at	hypothetical protein FLJ20530	FLJ20530	66	65	40	47	54	29
218905_at	zinc finger protein 20 (KOX 13)	ZNF20	160	153	78	99	91	68
213916_at	ADP-ribosylation factor interacting protein 1 (arfaptin 1)	ARFIP1	56	61	33	30	26	32
218230_at	F-box protein 8	FBXO8	187	176	92	122	115	99
223240_at	NFAT activating protein with ITAM motif 1	NFAM1	88	74	39	52	48	40
243099_at	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	PLEKHA1	562	525	256	260	253	210
226247_at	Rho GTPase activating protein 1	ARHGAP1	151	146	72	129	140	81
202117_at	interferon (alpha, beta and omega) receptor 1	IFNAR1	628	595	303	278	266	231
225661_at	tRNA isopentenyltransferase 1	TRIT1	386	415	208	264	262	205
218617_at	KIAA1533	KIAA1533	66	70	36	41	49	33
244808_at	CDNA FLJ13601 fis, clone PLACE1010069		70	74	38	179	174	118
213817_at	peroxisomal biogenesis factor 11B ataxin 1	PEX11B	376	344	178	335	311	231
202658_at	KIAA0182 protein	KIAA0182	268	287	145	123	130	97
203231_s_at	chromosome 9 open reading frame 64	C9orf64	129	140	75	83	79	64
212056_at			102	98	50	66	68	58
235940_at			130	126	67	60	62	51

Figure 23-155

238896_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread	94	84	43	70	65	43
203286_at	protein AD7c-NTP [Homo sapiens]						
226691_at	ring finger protein 44	345	308	150	154	151	138
203909_at	KIAA1856 protein	279	254	125	164	158	133
	solute carrier family 9 (sodium/hydrogen exchanger), isoform 6	379	385	195	147	144	133
205153_s_at	CD40 antigen (TNF receptor superfamily member 5)	77	80	47	177	166	73
217977_at	selenoprotein X, 1	284	278	144	83	83	101
210988_s_at	prune homolog (Drosophila)	72	76	41	39	45	44
223162_s_at	LCHN protein	1506	1546	770	983	911	745
202114_at	sorting nexin 2	431	410	194	130	142	124
218130_at	hypothetical protein MGC4368	155	130	63	57	57	43
210649_s_at	AT rich interactive domain 1A (SWI-like)	171	197	103	107	101	77
226601_at	solute carrier family 30 (zinc transporter), member 7	306	337	169	359	387	246
208735_s_at	CTD (carboxy-terminal domain, RNA CTDSP2 polymerase II, polypeptide A) small phosphatase 2	406	378	190	153	148	137
211786_at	tumor necrosis factor receptor superfamily, member 9	63	66	36	142	123	79
211230_s_at	phosphoinositide-3-kinase, catalytic, delta polypeptide	163	152	75	86	95	62
209015_s_at	DnaJ (Hsp40) homolog, subfamily B, member 6	810	780	413	1201	1058	529
226219_at	hypothetical protein LOC257106	1929	1933	980	730	734	689
225701_at	AT-hook transcription factor	391	345	170	184	173	161
228189_at		271	284	144	83	95	81
209019_s_at	PTEN induced putative kinase 1	235	219	110	111	125	94
205796_at	hypothetical protein FLJ11336	58	63	30	32	35	26
235381_at	Hepatitis B virus x associated protein	83	84	41	39	48	38
226113_at	zinc finger protein 436	63	57	29	40	50	32

Figure 23-156

234072_at	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	SEMA4A	96	81	44	66	67	54
1553703_at	hypothetical protein FLJ90396	FLJ90396	322	301	153	110	99	97
212702_s_at	bicaudal D homolog 2 (Drosophila)	BICD2	213	255	127	109	100	101
201108_s_at	thrombospondin 1	THBS1	2789	3154	1606	7355	6769	2402
216218_s_at	phospholipase C-like 2	PLCL2	100	101	49	58	56	48
223184_s_at	1-acylglycerol-3-phosphate O-acyltransferase 3	AGPAT3	155	154	82	87	70	57
229264_at	LOC440667	LOC440667	50	53	33	116	107	68
217497_at	endothelial cell growth factor 1 (platelet-derived)	ECGF1	378	366	178	213	199	126
232304_at	Pellino homolog 1 (Drosophila)	PELI1	68	66	41	138	142	87
204662_at	CP110 protein	CP110	106	92	46	51	50	46
209864_at	frequently rearranged in advanced T-cell lymphomas 2	FRAT2	274	314	160	82	85	73
223197_s_at	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1	SMARCA1	99	116	57	63	73	52
204549_at	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon	IKBKE	199	185	92	136	143	96
228987_at	Family with sequence similarity 49, member B	FAM49B	303	287	144	173	159	131
210786_s_at	Friend leukemia virus integration 1	FLI1	145	162	75	74	82	82
222574_s_at	DEAH (Asp-Glu-Ala-His) box polypeptide 40	DHX40	297	326	166	193	189	143
203147_s_at	tripartite motif-containing 14	TRIM14	185	158	70	100	107	64
226624_at	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]		86	102	59	78	78	68
207956_x_at	androgen-induced proliferation inhibitor	APRIN	245	232	118	124	126	111

Figure 23-157

34408_at	reticulum 2	RTN2	146	122	60	97	93	54
217993_s_at	methionine adenosyltransferase II, beta	MAT2B	1708	1720	866	940	915	694
226059_at	hypothetical protein FLJ12770	FLJ12770	94	84	46	47	38	35
208988_at	F-box and leucine-rich repeat protein 11	FBXL11	525	482	243	253	254	204
1553704_x_at	hypothetical protein FLJ90396	FLJ90396	202	197	97	74	70	57
204972_at	2'-5'-oligoadenylate synthetase 2, 69/71kDa	OAS2	357	294	141	385	384	169
226387_at	round spermatid basic protein 1-like	RSBN1L	94	116	59	51	53	43
211063_s_at	NCK adaptor protein 1	NCK1	386	406	204	239	270	175
226057_at	KIAA1204 protein	CDGAP	91	107	55	74	75	50
237867_s_at	hypothetical protein FLJ20701	FLJ20701	161	142	76	92	71	60
213542_at	hypothetical protein DKFZp547K113	DKFZp547K113	504	459	227	234	210	163
203306_s_at	solute carrier family 35 (CMP-sialic acid transporter), member A1	SLC35A1	167	154	78	59	62	62
208617_s_at	protein tyrosine phosphatase type IVA, member 2	PTP4A2	2570	2577	1360	1079	1066	1081
223215_s_at	chromosome 14 open reading frame 100	C14orf100	339	335	163	115	113	102
218648_at	transducer of regulated cAMP response element-binding protein (CREB) 3	TORC3	885	904	446	397	439	405
222426_at	mitogen-activated protein kinase associated protein 1	MAPKAP1	71	70	35	50	50	32
220019_s_at	zinc finger protein 224	ZNF224	43	53	29	22	20	20
212899_at	cell division cycle 2-like 6 (CDK8-like)	CDC2L6	209	188	91	92	85	81
36030_at	HOM-TES-103 tumor antigen-like	HOM-TES-103	672	647	322	215	216	212
214453_s_at	interferon-induced protein 44	IFI44	342	266	132	488	479	209
219244_s_at	mitochondrial ribosomal protein L46	MRPL46	70	64	37	48	57	48

Figure 23-158

231055_at			94	116	61	57	57	44
203526_s_at	adenomatosis polyposis coli	APC	54	63	33	42	29	29
57163_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	ELOVL1	802	852	425	262	277	243
224900_at	ankyrin repeat and FYVE domain containing 1	ANKFY1	240	231	118	125	136	82
224311_s_at	calcium binding protein 39	CAB39	302	403	202	175	176	140
243271_at	Chromosome 7 open reading frame 6	C7orf6	92	86	38	131	153	75
1555705_a_at	chemokine-like factor super family 3	CKLFSF3	909	909	446	297	294	279
202593_s_at	membrane interacting protein of RGS16	MIR16	221	244	120	88	97	75
225266_at	KIAA0924 protein	KIAA0924	151	152	76	72	67	56
1554966_a_at	downregulated in ovarian cancer 1	DOC1	103	111	55	86	77	58
204831_at	Cyclin-dependent kinase 8	CDK8	63	69	35	37	38	32
213136_at	protein tyrosine phosphatase, non-receptor type 2	PTPN2	370	417	218	315	292	232
222793_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	DDX58	256	226	110	303	315	147
212629_s_at	protein kinase N2	PKN2	163	138	64	100	98	73
202519_at	Mlx interactor	MONDOA	412	395	187	160	170	139
209200_at	interferon (alpha, beta and omega) receptor 1	IFNAR1	433	421	215	205	190	145
225669_at	secretory protein LOC284013	LOC284013	417	436	218	243	254	192
235751_s_at	Transcribed locus		374	296	155	114	92	75
229885_at	leucine-rich alpha-2-glycoprotein 1	LRG1	66	64	32	37	32	26
228648_at	baculoviral IAP repeat-containing 1	BIRC1	205	188	94	113	131	90
204860_s_at	Karyopherin (importin) beta 1	KPNB1	106	105	49	46	48	54
213574_s_at	hypothetical protein BC014000	LOC115509	397	398	196	294	280	176
227445_at	serine/threonine kinase 38	STK38	191	192	98	70	70	67
1553117_a_at	UPF2 regulator of nonsense transcripts homolog (yeast)	UPF2	294	333	160	198	179	135
203519_s_at	Spleen tyrosine kinase	SYK	224	220	109	106	108	89
226068_at			961	977	478	473	488	376

Figure 23-159

227131_at	mitogen-activated protein kinase kinase 3	MAP3K3	263	222	112	101	92	89
213038_at	IBR domain containing 3	IBRDC3	1091	1286	638	2501	2444	1455
200761_s_at	ADP-ribosylation-like factor 6 interacting protein 5	ARL6IP5	2613	2602	1285	1258	1171	931
221432_s_at	solute carrier family 25, member 28	SLC25A28	193	203	99	224	208	88
211038_s_at	hypothetical protein MGC12760	MGC12760	66	63	35	30	37	28
223501_at	tumor necrosis factor (ligand) superfamily, member 13b	TNFSF13B	764	744	357	338	313	249
226310_at	likely ortholog of mouse TORC2-specific protein AVO3 (S. cerevisiae)	AVO3	167	170	81	87	87	79
1554479_a_at	caspase recruitment domain family, member 8	CARD8	322	366	183	160	149	138
203739_at	zinc finger protein 217	ZNF217	1147	1221	600	1022	1133	569
203514_at	mitogen-activated protein kinase kinase 3	MAP3K3	286	275	131	126	114	102
212540_at	cell division cycle 34	CDC34	252	246	124	154	120	100
203232_s_at	ataxin 1	ATXN1	514	523	256	343	326	253
201364_s_at	ornithine decarboxylase antizyme 2	OAZ2	812	875	432	1953	1665	848
225680_at	hypothetical protein DKFP434K1815	DKFP434K1815	61	52	28	38	23	24
227937_at	hypothetical protein LOC339344	LOC339344	87	81	38	77	66	47
225477_s_at	Mitochondrial ribosomal protein S25	MRPS25	567	587	284	303	326	250
203525_s_at	adenomatosis polyposis coli chromosome 13 open reading frame 11	APC	74	77	43	41	36	39
226050_at		C13orf11	332	357	173	136	128	140
228980_at	cytokine receptor-like factor 3	CRLF3	1035	976	478	1065	1036	640
205474_at	cytochrome P450, family 1, subfamily A, polypeptide 1	CYP1A1	912	931	446	418	435	418
205749_at			112	110	55	40	54	48
228937_at	hypothetical protein FLJ38725	FLJ38725	1428	1464	726	1406	1522	745

Figure 23-160

206247_at	MHC class I polypeptide-related sequence B	MICB	120	115	52	67	70	53
225956_at	adult retina protein	LOC153222	170	151	68	54	65	55
212830_at	EGF-like-domain, multiple 5	EGFL5	246	263	125	140	124	107
219209_at	interferon induced with helicase C domain 1	IFIH1	508	457	226	905	932	447
213999_at			193	270	126	122	136	106
226215_s_at	F-box and leucine-rich repeat protein FBXL10		874	924	438	341	384	315
212192_at	potassium channel tetramerisation domain containing 12	KCTD12	1583	1503	723	749	791	645
201564_s_at	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	FSCN1	117	119	57	169	183	59
213309_at	phospholipase C-like 2	PLCL2	282	261	125	149	144	141
1558142_at	HepG2 3' region cDNA, clone hmd1c07		168	169	81	90	93	73
60471_at	Ras and Rab interactor 3	RIN3	1036	974	473	671	606	452
207740_s_at	nucleoporin 62kDa	NUP62	532	646	311	381	401	266
226194_at	chromosome 13 open reading frame 8	C13orf8	195	185	90	62	62	56
222407_s_at	zinc finger protein 106 homolog (mouse)	ZFP106	299	278	134	115	115	94
227599_at			608	569	282	423	418	236
221755_at	EH domain binding protein 1-like 1	EHBP1L1	271	276	131	211	202	148
212381_at	ubiquitin specific protease 24	USP24	234	213	103	149	181	116
226630_at	chromosome 14 open reading frame 106	C14orf106	176	192	85	65	72	71
223335_at	hypothetical protein LOC51249	LOC51249	222	218	105	96	112	79
203278_s_at	PHD finger protein 21A	PHF21A	164	157	70	75	87	67
1552651_a_at	fring	RFEL	140	150	71	135	129	99
226119_at	similar to hypothetical protein FLJ10883	LOC115294	176	168	75	82	83	75
225933_at	Hypothetical protein LOC339229	LOC339229	66	72	35	37	36	19
226527_at	KIAA0460 protein	KIAA0460	103	110	54	67	70	48
232024_at	GTPase, IMAP family member 2	GIMAP2	89	92	43	33	32	38

Figure 23-161

223179_at	yippee-like 3 (Drosophila)	YPEL3	235	236	108	120	107	105
220326_s_at	hypothetical protein FLJ10357	FLJ10357	140	144	70	48	49	48
204205_at	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G	APOBEC3G	106	95	45	63	58	41
238733_at	Transcribed locus		59	52	27	27	35	29
209600_s_at	acyl-Coenzyme A oxidase 1, palmitoyl	ACOX1	239	228	113	166	175	109
223808_s_at	PTEN-like phosphatase	PLIP	76	72	37	53	51	38
226416_at	3' exoribonuclease	3'HEXO	195	198	89	72	72	60
213056_at	FERM domain containing 4B	FRMD4B	162	155	64	92	81	85
202283_at	serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1	SERPINF1	396	394	194	300	299	210
207686_s_at	caspase 8, apoptosis-related cysteine protease	CASP8	117	118	55	47	50	54
223342_at	ribonucleotide reductase M2 B (TP53 inducible)	RRM2B	300	261	119	141	136	106
205396_at	SMAD, mothers against DPP homolog 3 (Drosophila)	SMAD3	114	120	56	74	88	57
202155_s_at	nucleoporin 214kDa	NUP214	705	643	301	267	272	282
212631_at	Syntaxin 7	STX7	507	486	230	187	184	169
226500_at	zinc finger protein 651	ZNF651	93	81	37	57	43	50
223502_s_at	tumor necrosis factor (ligand) superfamily, member 13b	TNFSF13B	1034	949	451	374	351	253
226734_at	Eukaryotic translation initiation factor 4E member 2	EIF4E2	455	465	224	203	197	131
201591_s_at	nischarin	NISCH	409	405	187	173	167	141
226031_at	hypothetical protein FLJ20097	FLJ20097	139	138	67	69	70	64
156544_at			45	46	28	66	61	60
227647_at	potassium voltage-gated channel, Isk-related family, member 3	KCNE3	993	1023	483	318	339	427
228452_at	chromosome 17 open reading frame 39	C17orf39	70	76	36	23	28	27

Figure 23-162

218988_at	solute carrier family 35, member E3	SLC35E3	346	344	167	152	180	166
1559051_s_at	chromosome 6 open reading frame 150	C6orf150	132	130	64	99	99	66
242714_at	Mitogen-activated protein kinase kinase 5	MAP3K5	99	112	52	53	52	39
225828_at	KCCR13L	LOC221955	109	108	51	55	42	30
204682_at	latent transforming growth factor beta binding protein 2	LTBP2	102	88	42	68	57	54
204276_at	thymidine kinase 2, mitochondrial	TK2	163	166	77	69	61	73
225530_at	MOB1, Mps One Binder Kinase activator-like 2A (yeast)	MOBK12A	1768	1840	877	760	735	503
227811_at	FGD1 family, member 3	FGD3	238	242	113	126	131	108
212513_s_at	ubiquitin specific protease 33	USP33	439	465	220	228	244	186
238642_at	hypothetical protein LOC338692	LOC338692	107	97	44	44	38	40
212616_at	chromodomain helicase DNA binding protein 9	CHD9	590	576	264	282	311	233
209269_s_at	Spleen tyrosine kinase	SYK	229	249	116	121	126	88
227266_s_at	FYN binding protein (FYB-120/130)	FYB	283	290	127	119	114	111
204725_s_at	NCK adaptor protein 1	NCK1	358	436	205	245	257	194
222806_s_at	chromosome 11 open reading frame 30	C11orf30	116	108	55	58	61	49
1552302_at	hypothetical protein MGC20235	MGC20235	71	59	27	192	203	56
239300_at	Homo sapiens, clone IMAGE:4798675, mRNA		71	69	33	35	36	32
229934_at	Transcribed locus		239	227	106	91	95	115
226901_at	hypothetical protein LOC284018	LOC284018	46	53	29	33	30	30
217122_s_at	solute carrier family 35, member E2	SLC35E2	304	299	139	142	140	110
209829_at	chromosome 6 open reading frame 32	C6orf32	123	138	65	148	155	61
222623_s_at	zinc finger protein 639	ZNF639	133	157	74	63	60	46
39891_at	hypothetical protein DKFP547K1113	DKFP547K1113	364	338	159	193	188	121
217529_at	hypothetical LOC401394	LOC401394	351	322	156	145	136	104

Figure 23-163

226542_at	Full-length cDNA clone CS0DJ002YF02 of T cells (Jurkat cell line) Cot 10-normalized of Homo sapiens (human)	556	559	246	252	245	220
208795_s_at	MCM7 MCM7 minichromosome maintenance deficient 7 (S. cerevisiae)	187	180	85	108	116	92
226495_at	LOC440752	141	136	66	61	59	48
227288_at	Hypothetical LOC133993	78	65	31	31	33	25
211336_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1	598	665	311	491	432	316
212388_at	ubiquitin specific protease 24	191	185	87	126	124	87
214541_s_at	quaking homolog, KH domain RNA binding (mouse)	57	54	32	75	58	47
222807_at	chromosome 11 open reading frame 30	111	107	49	42	43	35
1553141_at	hypothetical protein FLJ38725	302	321	152	281	311	147
220066_at	caspase recruitment domain family, member 15	847	915	449	350	338	347
203825_at	bromodomain containing 3	148	136	61	67	59	47
240287_at	similar to immune-responsive gene 1	532	783	425	9525	9428	4144
226981_at	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	182	191	89	113	105	86
212368_at	zinc finger protein 292	82	91	43	35	36	40
225313_at	chromosome 20 open reading frame 177	75	83	37	33	29	28
225282_at	hypothetical protein AL133206	401	387	181	251	255	180
1552649_a_at	fring	75	89	42	77	88	59
224452_s_at	hypothetical protein MGC12966	204	214	98	101	110	77
211240_x_at	catenin (cadherin-associated protein), delta 1	541	521	242	375	372	233
214544_s_at	synaptosomal-associated protein, 23kDa	312	355	162	200	194	133

Figure 23-164

207334_s_at	transforming growth factor, beta receptor II (70/80kDa)	TGFB2	93	86	48	55	50	27
241346_at			113	87	51	55	31	31
1559201_a_at	Osteoclast stimulating factor 1	OSTF1	91	82	39	40	37	37
208121_s_at	protein tyrosine phosphatase, receptor type, O	PTPRO	46	54	25	27	25	25
226312_at	likely ortholog of mouse TORC2-specific protein AVO3 (S. cerevisiae)	AVO3	512	503	231	229	259	208
224810_s_at	ankyrin repeat domain 13	ANKRD13	875	891	417	514	482	373
215838_at	leukocyte Ig-like receptor 9	LIR9	257	246	112	193	183	106
205552_s_at	2',5'-oligoadenylate synthetase 1, 40/46kDa	OAS1	313	261	119	244	246	98
221866_at	transcription factor EB	TFEB	211	185	89	70	75	67
244415_at			129	123	60	190	178	157
219624_at	BCL2-associated athanogene 4	BAG4	48	53	27	19	21	11
225135_at	SIN3 homolog A, transcription regulator (yeast)	SIN3A	293	302	137	231	222	168
220987_s_at	likely ortholog of rat SNF1/AMP-activated protein kinase	C11orf17, SNARK	186	202	91	85	63	76
227227_at	Hypothetical LOC388397		97	96	41	39	41	37
219084_at	nuclear receptor binding SET domain protein 1	NSD1	92	80	42	35	34	25
212697_at	hypothetical protein LOC162427	LOC162427	707	720	334	270	276	236
232396_at	Hypothetical protein DKFZp547K1113	DKFZp547K1113	178	164	77	104	91	67
229394_s_at	Glucocorticoid receptor DNA binding factor 1	GRLF1	127	111	52	52	59	43
208919_s_at	NAD kinase	FLJ13052	743	728	339	344	338	277
213221_s_at	SNF1-like kinase 2	SNF1LK2	155	153	72	82	53	50
219878_s_at	Kruppel-like factor 13	KLF13	321	369	173	119	138	102
208862_s_at	catenin (cadherin-associated protein), delta 1	CTNND1	568	554	257	402	386	226
226170_at			767	801	372	601	586	365

Figure 23-165

207697_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2	LILRB2	1733	1766	810	1362	1147	680
219691_at	sterile alpha motif domain containing 9	SAMD9	244	259	115	206	198	116
228495_at	Hypothetical protein FLJ38348	FLJ38348	68	64	34	29	38	29
204998_s_at	activating transcription factor 5	ATF5	1493	1619	756	908	911	596
202395_at	N-ethylmaleimide-sensitive factor	NSF	373	379	178	198	182	154
37384_at	protein phosphatase 1F (PP2C domain containing)	PPM1F	928	827	384	614	549	367
212615_at	chromodomain helicase DNA binding protein 9	CHD9	366	354	159	203	208	137
227274_at	Synaptojanin 2 binding protein	SYNJ2BP	54	53	27	22	32	25
204502_at	SAM domain and HD domain 1	SAMHD1	301	291	126	191	193	118
221692_s_at	mitochondrial ribosomal protein L34	MRPL34	66	72	35	26	26	18
203981_s_at	ATP-binding cassette, sub-family D (ALD), member 4	ABCD4	39	53	26	24	22	28
64064_at	GTPase, IMAP family member 5	GIMAP5	250	274	131	305	302	238
1556698_a_at	hypothetical protein LOC285513	LOC285513	132	155	69	49	58	58
215732_s_at	deltex homolog 2 (Drosophila)	DTX2	115	107	55	105	104	64
213501_at	acyl-Coenzyme A oxidase 1, palmitoyl	ACOX1	139	135	61	109	102	65
226080_at	slingshot homolog 2 (Drosophila)	SSH2	409	410	176	193	199	164
213153_at	KIAA1076 protein	KIAA1076	725	682	310	317	297	236
229670_at	Keratin associated protein 4-7	KRTAP4-7	118	119	57	110	86	77
225332_at	chromosome 20 open reading frame 22	C20orf22	148	139	63	52	64	41
228124_at	major histocompatibility complex, class I-related	MR1	87	73	40	36	25	32
210224_at	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	269	255	117	114	123	82
212076_at	protein phosphatase 1, regulatory subunit 9B, spinophilin	PPP1R9B	129	123	56	67	71	50
225124_at			239	218	94	76	79	61

Figure 23-166

223182_s_at	1-aclyglycerol-3-phosphate O-acyltransferase 3	AGPAT3	113	95	44	43	38	19
212897_at	cell division cycle 2-like 6 (CDK8-like)	CDC2L6	123	115	51	55	55	45
226673_at	SH2 domain containing 3C	SH2D3C	318	282	128	99	122	81
212632_at	Syntaxin 7	STX7	323	344	155	125	111	96
223434_at	guanylate binding protein 3	GBP3	102	108	71	609	626	278
204198_s_at	runt-related transcription factor 3	RUNX3	2057	1892	885	649	671	516
214949_at	Similar to family with sequence similarity 9, member C		148	152	69	59	58	51
219290_x_at	dual adaptor of phosphotyrosine and DAPP1		332	283	129	234	242	134
212774_at	3-phosphoinositides							
212517_at	zinc finger protein 238	ZNF238	644	678	303	382	379	241
231227_at	atractin	ATRN	110	110	49	55	48	44
222922_at	potassium voltage-gated channel, Isk-related family, member 3	KCNE3	46	50	24	90	94	37
209721_s_at	HOM-TES-103 tumor antigen-like	HOM-TES-103	86	88	41	19	17	28
241968_at	Transcribed locus		64	62	32	35	45	33
202944_at	N-acetylgalactosaminidase, alpha-	NAGA	398	391	178	177	147	137
1555643_s_at	leukocyte Ig-like receptor 9	LIR9	247	271	120	210	202	119
213425_at	wingless-type MMTV integration site family, member 5A	WNT5A	74	86	36	160	176	51
230640_at			164	134	60	79	68	55
226831_at			159	165	76	65	71	53
222605_at	REST corepressor 3	RCOR3	119	137	59	54	64	58
209131_s_at	synaptosomal-associated protein, 23kDa	SNAP23	187	199	89	124	128	80
226484_at	zinc finger protein 651	ZNF651	102	94	44	37	30	28
208407_s_at	catenin (cadherin-associated protein), delta 1	CTNND1	463	418	186	284	267	174
228153_at	IBR domain containing 2	IBRDC2	3113	3099	1404	7115	6730	3799
230707_at	sortilin-related receptor, L(DLR class) A repeats-containing	SORL1	82	84	35	33	25	29

Figure 23-167

219563_at	chromosome 14 open reading frame C14orf139	763	766	339	354	385	280
218641_at	hypothetical protein MGC3032	96	100	46	54	59	49
202769_at	Cyclin G2	405	350	146	170	159	120
223615_at	ABL gene family, member 3	250	231	104	106	94	97
228856_at	Hypothetical protein MGC2474	54	51	24	19	20	10
212493_s_at	huntingtin interacting protein B	496	497	220	222	238	196
210449_x_at	mitogen-activated protein kinase 14	168	173	77	94	94	64
229017_s_at	receptor interacting protein kinase 5	79	82	36	26	28	22
225176_at	MSTP146 (MST146)	264	232	102	117	122	87
204710_s_at	WIPI49-like protein 2	583	587	259	176	185	162
225225_at	Keratin associated protein 4-7	496	472	199	183	191	162
218943_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	255	177	79	317	329	117
228149_at	Chromosome 9 open reading frame C9orf100S	332	365	169	586	585	307
239391_at	10 opposite strand	151	144	64	70	67	52
207164_s_at	zinc finger protein 238	47	63	28	42	39	22
228220_at	FCH domain only 2	510	549	238	227	249	207
222912_at	arrestin, beta 1	123	130	53	91	87	50
206765_at	potassium inwardly-rectifying channel, subfamily J, member 2	1287	1246	521	6498	6446	1977
221669_s_at	acyl-Coenzyme A dehydrogenase family, member 8	89	89	39	38	43	40
218116_at	chromosome 9 open reading frame C9orf78	215	239	105	124	111	92
1558397_at	CDNA FLJ34100 fis, clone FCBBF3007597	340	313	136	138	113	106
218300_at	hypothetical protein MGC4606	164	156	71	54	37	31
1553142_at	hypothetical protein FLJ38725	268	280	122	241	275	124
211771_s_at	POU domain, class 2, transcription factor 2	143	114	49	59	66	53
202623_at	chromosome 14 open reading frame C14orf11	325	318	143	103	105	98

Figure 23-168

201440_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	DDX23	109	112	51	44	43	34
225987_at	tumor necrosis factor, alpha-induced protein 9	TNFAIP9	94	83	32	152	152	59
223132_s_at	tripartite motif-containing 8	TRIM8	1109	978	423	562	572	356
211559_s_at	cyclin G2	CCNG2	262	275	118	125	124	105
242388_x_at	T-cell activation GTPase activating protein	TAGAP	138	136	56	263	248	161
218769_s_at	ankyrin repeat, family A (RFXANK-like), 2	ANKRA2	90	94	41	44	47	38
226117_at	TRAF-interacting protein with a forkhead-associated domain	TIFA	182	199	87	1177	1106	508
202153_s_at	nucleoporin 62kDa	NUP62	1153	1291	577	746	694	481
201015_s_at	junction plakoglobin	JUP	152	151	66	98	76	60
224076_s_at	Wolf-Hirschhorn syndrome candidate 1-like 1	WHSC1L1	328	356	157	140	139	145
215933_s_at	hematopoietically expressed homeobox	HHEX	297	358	154	73	88	83
202510_s_at	tumor necrosis factor, alpha-induced protein 2	TNFAIP2	4361	4169	1838	9955	9156	5264
218029_at	hypothetical protein FLJ13725	FLJ13725	211	207	88	92	101	88
230528_s_at	hypothetical protein MGC2752	MGC2752	110	116	51	42	41	37
211561_x_at	mitogen-activated protein kinase 14	MAPK14	189	200	86	101	105	76
213074_at	Interleukin-1 receptor-associated kinase 1 binding protein 1	IRAK1BP1	377	373	159	183	199	152
205397_x_at	SMAD, mothers against DPP homolog 3 (Drosophila)	SMAD3	142	155	71	106	96	57
232382_s_at	similar to hypothetical protein FLJ10883	LOC115294	144	136	54	64	56	54
202770_s_at	cyclin G2	CCNG2	286	314	131	127	128	99
231815_at	PHD finger protein 12	PHF12	119	101	43	47	45	27
226793_at	hypothetical protein LOC283267	LOC283267	176	169	73	83	75	53
204689_at	hematopoietically expressed homeobox	HHEX	229	244	107	64	68	59
227689_at	zinc finger protein 227	ZNF227	83	102	48	31	27	27

Figure 23-169

205990_s_at	wingless-type MMTV integration site family, member 5A	WNT5A	222	284	113	584	626	177
229354_at	programmed cell death 6	AHRR, PDCD6	177	162	70	108	105	60
229560_at	toll-like receptor 8	TLR8	742	710	298	738	742	323
203379_at	ribosomal protein S6 kinase, 90kDa, polypeptide 1	RPS6KA1	240	233	98	90	92	74
228315_at	Homo sapiens, clone IMAGE:5261213, mRNA		121	102	45	51	42	45
231090_s_at			73	76	32	40	40	28
224733_at	chemokine-like factor super family 3	CKLFSF3	1448	1437	597	399	382	375
223944_at	NACHT, leucine rich repeat and PYD containing 12	NALP12	752	699	280	185	196	173
210279_at	G protein-coupled receptor 18	GPR18	192	209	93	316	333	129
201988_s_at	cAMP responsive element binding protein-like 2	CREBL2	515	542	227	538	536	266
219868_s_at	ankyrin repeat and FYVE domain containing 1	ANKFY1	117	103	44	65	65	36
209431_s_at	zinc finger protein 278	ZNF278	73	66	29	33	41	33
158426_x_at	chromosome 7 open reading frame 19	C7orf19	1383	1404	592	671	637	521
211300_s_at	tumor protein p53 (Li-Fraumeni syndrome)	TP53	78	80	41	62	54	35
203741_s_at	adenylate cyclase 7	ADCY7	466	452	184	175	171	156
208808_s_at	high-mobility group box 2	HMGB2	696	667	275	361	334	355
225338_at	Hypothetical protein FLJ13456	FLJ13456	67	56	24	22	26	18
228065_at	B-cell CLL/lymphoma 9-like	BCL9L	133	147	63	94	97	59
223591_at	ring finger protein 135	RNF135	238	224	94	75	68	63
212934_at	hypothetical protein LOC137886	LOC137886	433	415	172	158	146	136
221087_s_at	apolipoprotein L, 3	APOL3	384	314	114	200	178	88
235661_at	Transcribed locus		278	239	101	121	121	107
203941_at	hypothetical protein FLJ10871	FLJ10871	101	102	43	61	59	47
235529_x_at			746	629	261	430	361	234

Figure 23-170

201383_s_at	membrane component, chromosome M17S2 17, surface marker 2 (ovarian carcinoma antigen CA125)	240	258	106	186	202	116
204172_at	coproporphyrinogen oxidase	65	63	27	27	28	24
204747_at	interferon-induced protein with tetraicopeptide repeats 3	1391	1151	475	2833	2884	1086
220832_at	toll-like receptor 8	241	259	110	282	262	102
220091_at	solute carrier family 2 (facilitated glucose transporter), member 6	1167	1097	466	2693	2579	1433
226007_at	HESB like domain containing 1	197	196	83	56	52	45
218812_s_at	chromosome 7 open reading frame 19	582	579	234	234	246	181
210044_s_at	lymphoblastic leukemia derived sequence 1	384	378	154	96	93	108
219574_at	IBR domain containing 3	66	66	26	27	27	20
36564_at	limkain b1	1651	1853	795	3569	3482	2058
202386_s_at	Transcribed locus, moderately similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]	616	668	276	234	217	180
227122_at		196	190	82	70	64	53
225444_at	Transcribed locus	70	61	27	34	35	19
230261_at	ST8 alpha-N-acetylneuraminide alpha-2,8-sialyltransferase 4	374	331	137	167	176	129
215761_at	Dmx-like 2	71	76	41	101	99	76
205192_at	mitogen-activated protein kinase kinase kinase 14	202	221	91	63	72	68
222062_at	interleukin 27 receptor, alpha	125	139	56	53	43	43
219211_at	ubiquitin specific protease 18	104	84	35	86	85	38
218676_s_at	phosphatidylcholine transfer protein	368	374	156	189	182	141
225957_at	adult retina protein	262	251	97	74	81	78
207551_s_at	male-specific lethal 3-like 1 (Drosophila)	643	663	270	333	311	241
1554470_s_at	HSPC063 protein	145	143	58	60	58	52

Figure 23-171

204184_s_at	adrenergic, beta, receptor kinase 2	ADRBK2	171	169	71	103	102	70
214948_s_at	TATA element modulatory factor 1	TMF1	202	194	82	63	62	47
210685_s_at	ubiquitination factor E4B (UFD2 homolog, yeast)	UBE4B	85	79	37	34	43	37
1553993_s_at	mediator of RNA polymerase II transcription, subunit 25 homolog (yeast)	MED25	212	188	75	79	70	69
223113_at	hypothetical protein HSPC196	HSPC196	734	817	356	504	568	411
221812_at	F-box protein 42	FBXO42	97	94	43	74	64	46
205241_at	SCO cytochrome oxidase deficient homolog 2 (yeast)	SCO2	683	569	238	385	349	200
235549_at	IBR domain containing 2	IBRDC2	344	376	148	1193	1187	498
201746_at	tumor protein p53 (Li-Fraumeni syndrome)	TP53	224	212	89	159	124	87
223385_at	cytochrome P450, family 2, subfamily S, polypeptide 1	CYP2S1	86	102	38	36	37	33
241392_at	Hypothetical protein FLJ10902	FLJ10902	119	111	46	63	67	50
231513_at	runt-related transcription factor 3	RUNX3	698	753	296	4689	4565	1170
204197_s_at	hypothetical gene supported by AK023162	LOC90120	2738	2731	1184	924	958	684
224962_at	Mitogen-activated protein kinase kinase 2	MAP3K2	155	150	66	41	37	31
226441_at	kinase kinase 2	MAP3K2	583	579	241	205	211	188
233461_x_at	zinc finger protein 226	ZNF226	53	58	27	21	25	21
225445_at	Transcribed locus		211	217	89	113	113	74
213373_s_at	caspase 8, apoptosis-related cysteine protease	CASP8	375	382	149	126	132	91
235478_at	DNA cross-link repair 1C (PSO2 homolog, S. cerevisiae)	DCLRE1C	58	56	23	15	15	18
1554952_s_at	NACHT, leucine rich repeat and PYD containing 12	NALP12	473	454	160	107	104	91
225663_at	acyl-Coenzyme A binding domain containing 5	ACBD5	351	353	141	118	127	110
207001_x_at	delta sleep inducing peptide, immunoreactor	DSIPI	216	287	114	60	63	71

Figure 23-172

211051_s_at	exostoses (multiple)-like 3	EXTL3	75	66	31	24	25	25
212748_at	megakaryoblastic leukemia (translocation) 1	MKL1	315	332	132	180	158	134
225980_at	chromosome 14 open reading frame 43	C14orf43	361	353	136	174	179	151
201341_at	ectodermal-neural cortex (with BTB-like domain)	ENC1	642	635	240	158	172	175
221653_x_at	apolipoprotein L, 2	APOL2	111	111	53	64	48	33
227383_at	Similar to KIAA0454 protein		33	34	20	61	56	37
218644_at	pleckstrin 2	PLEK2	237	210	82	74	86	53
204669_s_at	ring finger protein 24	RNF24	441	474	183	189	181	155
229450_at	interferon-induced protein with tetratricopeptide repeats 3	IFIT3	2361	1932	801	4663	4517	1837
203640_at	muscleblind-like 2 (Drosophila)	MBNL2	230	220	84	115	96	80
201020_at	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide	YWHAH	679	733	287	266	279	209
218589_at	purinergic receptor P2Y, G-protein coupled, 5	P2RY5	352	325	130	103	109	68
229383_at	Membrane-associated RING-CH protein 1	MARCH-I	138	131	50	51	41	41
203063_at	protein phosphatase 1F (PP2C domain containing)	PPM1F	1215	1183	476	844	777	488
225509_at	hypothetical protein LOC56757	LOC56757	208	222	90	82	87	65
220494_s_at	frequently rearranged in advanced cell lymphomas	T-FRAT1	284	267	97	133	140	106
219889_at	BCCL6 co-repressor	BCOR	198	209	84	59	61	47
219433_at	FLJ44635 protein	FLJ44635	135	156	63	84	100	65
227618_at	Transcribed locus		109	101	36	42	42	32
226885_at	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	MLL	53	63	25	21	24	18
212080_at	ADP-ribosylation-like factor 6 interacting protein 5	ARL6IP5	164	169	71	81	89	63
200760_s_at			3046	3419	1371	1277	1267	894

Figure 23-173

207511_s_at	chromosome 2 open reading frame 24	C2orf24	124	141	61	61	51	31
227221_at	Homo sapiens, clone IMAGE:5261213, mRNA		67	70	29	35	39	27
226513_at	hypothetical protein LOC145758	LOC145758	143	151	64	49	45	37
212660_at	PHD finger protein 15	PHF15	224	234	91	218	210	139
202530_at	mitogen-activated protein kinase 14	MAPK14	395	370	142	188	176	133
226757_at	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	2092	1635	626	4827	4653	2027
223592_s_at	ring finger protein 135	RNF135	410	391	149	121	110	104
201989_s_at	cAMP responsive element binding protein-like 2	CREBL2	1141	1230	496	1121	1069	601
204999_s_at	activating transcription factor 5	ATF5	799	784	323	443	450	277
223470_at	phosphatidylinositol glycan, class M	PIGM	88	98	44	35	31	24
206729_at	tumor necrosis factor receptor superfamily, member 8	TNFRSF8	235	233	86	101	88	64
220888_s_at	chromosome 20 open reading frame 32	C20orf32	51	57	24	16	16	19
215533_s_at	ubiquitination factor E4B (UFD2 homolog, yeast)	UBE4B	70	77	31	41	25	33
200896_x_at	hepatoma-derived growth factor (high-mobility group protein 1-like)	HDGF	1458	1497	586	1438	1287	637
232615_at	FLJ39739 protein	FLJ39739	46	48	26	60	57	40
202151_s_at	ubiquitin associated domain containing 1	UBADC1	227	235	93	57	55	45
222952_s_at	toll-like receptor 7	TLR7	98	92	41	134	127	60
203973_s_at	CCAAT/enhancer binding protein (C/EBP), delta	CEBPD	1363	1308	473	487	396	345
219863_at	hect domain and RLD 5	HERC5	402	302	103	254	275	126
201875_s_at	myelin protein zero-like 1	MPZL1	40	58	26	85	69	62
204859_s_at	apoptotic protease activating factor	APAF1	110	100	40	62	70	45

Figure 23-174

203104_at	colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog	CSF1R	1657	1784	695	713	709	506
229635_at	CDNA clone IMAGE:4800262, partial cds		331	304	112	99	102	95
222201_s_at	CASP8 associated protein 2	CASP8AP2	54	54	21	21	22	16
204164_at	signal-induced proliferation-associated gene 1	SIPA1	113	100	38	39	49	33
205539_at	advinin	AVIL	65	69	29	28	29	24
228045_at	MRNA; cDNA DKFZp451K063 (from clone DKFZp451K063)		69	64	26	29	33	22
203445_s_at	CTD (carboxy-terminal domain, RNA CTDSP2 polymerase II, polypeptide A) small phosphatase 2	CTDSP2	1402	1385	530	448	466	385
217781_s_at	zinc finger protein 106 homolog (mouse)	ZFP106	503	520	198	199	189	144
212484_at	Mouse Mammary Tumor Virus Receptor homolog 1	MTVR1	500	428	167	176	183	102
214441_at	syntaxin 6	STX6	182	201	77	69	82	53
219093_at	hypothetical protein FLJ20701	FLJ20701	998	915	376	439	422	281
201609_x_at	isoprenylcysteine carboxyl methyltransferase	ICMT	75	98	41	45	37	37
204236_at	Friend leukemia virus integration 1	FLI1	154	179	65	76	82	65
224789_at	WD repeat domain 40A	WDR40A	619	574	228	207	229	127
227749_at	Transcribed locus		565	524	200	243	238	184
222858_s_at	dual adaptor of phosphotyrosine and 3-phosphoinositides	DAPP1	516	510	195	361	345	207
206278_at	platelet-activating factor receptor	PTAFR	341	414	160	396	451	210
201990_s_at	cAMP responsive element binding protein-like 2	CREBL2	490	509	195	523	563	255
229045_at	selectin ligand interactor cytoplasmic-1	SLIC1	164	173	66	56	58	40
238496_at	Wolf-Hirschhorn syndrome candidate 1-like 1	WHSC1L1	74	89	34	33	36	28
235151_at	Hypothetical protein LOC283357	LOC283357	145	164	63	61	59	41

Figure 23-175

225178_at	tetratricopeptide repeat domain 14	TTC14	75	78	36	29	41	20
204912_at	interleukin 10 receptor, alpha	IL10RA	3969	4204	1699	3277	3176	1726
235556_at	Transcribed locus, weakly similar to NP_703324.1 Plasmodium falciparum 3D7 MAL1P3.06 gene		138	140	52	46	48	42
218917_s_at	AT rich interactive domain 1A (SWI-like)	ARID1A	594	658	250	316	341	188
236692_at	interferon-induced protein with tetratricopeptide repeats 2	IFIT2	72	70	30	46	43	37
217502_at	B-cell CLL/lymphoma 3		1340	1136	405	3192	3303	1364
204907_s_at	WIPI49-like protein 2	BCL3	122	177	67	124	112	69
202031_s_at	chromosome 10 open reading frame 26	WIPI-2	454	451	169	117	98	106
202808_at	hemopoietic cell kinase	C10orf26	1902	1844	720	749	711	488
208018_s_at	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1	HCK	3697	3537	1364	4594	4119	1891
207872_s_at	galactose-3-O-sulfotransferase 4	LILRA1	135	140	51	69	69	39
219815_at	HSPC063 protein	GAL3ST4	139	127	46	73	68	42
226148_at	zinc finger, DHHC domain containing 7	HSPC063	428	400	146	147	132	121
218606_at	zinc finger protein 490	ZDHHC7	1109	1188	443	285	272	263
231988_x_at	adult retina protein	ZNF490	69	65	26	37	33	22
238476_at	toll-like receptor adaptor molecule 2	LOC153222	208	206	74	49	45	54
239431_at	1-acylglycerol-3-phosphate O-acyltransferase 3	TICAM2	159	177	68	93	81	55
223183_at	tumor protein p53 inducible nuclear protein 1	AGPAT3	118	99	42	50	47	21
225912_at	platelet-activating factor receptor catenin (cadherin-associated protein), delta 1	TP53INP1	412	390	139	693	730	209
211661_x_at	hypothetical protein CG003	PTAFR	1512	1750	664	1702	1940	934
1557944_s_at	Unknown mRNA	CTNND1	302	331	121	185	177	113
204072_s_at		13CDNA73	301	277	102	208	196	117
235360_at			68	67	25	60	57	34

Figure 23-176

209593_s_at	torsin family 1, member B (torsin B)	TOR1B	1041	919	331	569	488	253
212993_at	MRNA; cDNA DKFZp667B1718 (from clone DKFZp667B1718)		293	281	103	82	76	67
221012_s_at	tripartite motif-containing 8	TRIM8	913	827	300	375	413	242
225390_s_at	Kruppel-like factor 13	KLF13	1559	1798	658	489	526	376
226039_at	Hypothetical protein MGC52110	MGC52110	504	459	138	245	214	204
229055_at	Transcribed locus		272	297	108	147	164	94
201107_s_at	thrombospondin 1	THBS1	159	202	93	573	553	107
225157_at	Mlx interactor	MONDOA	414	373	131	129	132	97
210660_at	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1	LILRA1	516	531	190	240	226	132
32209_at	Mouse Mammary Tumor Virus Receptor homolog 1	MTVR1	526	524	187	235	221	142
228902_at	nucleoporin 214kDa	NUP214	134	140	51	51	49	36
223497_at	KIAA1411	KIAA1411	137	133	46	71	61	46
231991_at	chromosome 20 open reading frame C20orf160		48	36	15	64	48	23
229699_at	CDNA FLJ45384 fis, clone BRHIP3021987		687	619	223	248	229	166
235964_x_at	serine/threonine kinase 38	STK38	690	589	222	384	308	207
202951_at	Hepatoma-derived growth factor (high-mobility group protein 1-like)	HDGF	695	727	262	329	296	223
216484_x_at	toll-like receptor 7		556	635	229	678	604	290
220146_at	KCCR13L	TLR7	131	144	52	177	186	83
226640_at	polo-like kinase 2 (Drosophila)	LOC221955	260	239	87	82	81	49
201939_at	hypothetical protein FLJ23467	PLK2	177	163	63	236	227	127
223583_at	hypothetical LOC401394	FLJ23467	163	152	58	48	58	41
231406_at	dual adaptor of phosphotyrosine and 3-phosphoinositides	LOC401394	519	476	174	160	155	116
222859_s_at	caspace recruitment domain family, member 12	DAPP1	401	408	149	319	292	140
1552554_a_at		CARD12	74	75	28	26	30	20
212547_at	FLJ35348	FLJ35348	199	186	65	56	58	60

Figure 23-177

235352_at	CDNA FLJ31593 fis, clone NT2RI2002481	365	378	136	124	133	96
223566_s_at	BCL6 co-repressor	224	312	112	193	220	136
203690_at	tubulin, gamma complex associated protein 3	130	142	51	56	46	46
210785_s_at	chromosome 1 open reading frame 38	1416	1605	590	539	575	438
217403_s_at	zinc finger protein 227	59	71	26	23	24	18
1555789_s_at	hypothetical protein MGC2941	429	484	174	68	69	73
204923_at	chromosome X open reading frame 9	1227	1238	439	399	404	289
238999_at	Transcribed locus	79	83	31	31	30	30
210146_x_at	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 6	1918	1950	701	1448	1238	554
201384_s_at	membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125)	658	653	230	396	403	211
227962_at	Acyl-Coenzyme A oxidase 1, palmitoyl	202	211	76	101	109	66
204546_at	KIAA0513	617	620	203	175	177	156
220305_at	Hypothetical protein MGC3260	68	75	27	37	30	21
223131_s_at	tripartite motif-containing 8	149	181	65	87	84	51
1557626_at	CDNA FLJ39805 fis, clone SPLEN2007951	112	123	41	85	84	50
204957_at	origin recognition complex, subunit 5-ORC5L like (yeast)	68	74	27	24	25	24
218284_at	SMAD, mothers against DPP homolog 3 (Drosophila)	392	405	141	262	257	171
231698_at	UDP-glucose pyrophosphorylase 2	42	59	25	103	100	48
224950_at	prostaglandin F2 receptor negative regulator	55	57	25	34	24	19
219736_at	tripartite motif-containing 36	175	187	65	206	208	117

Figure 23-178

229510_at	testes development-related NYD-SP21	398	383	132	298	236	144
218805_at	GTPase, IMAP family member 5	192	216	76	231	209	174
228771_at	adrenergic, beta, receptor kinase 2	391	336	112	158	149	105
210772_at	formyl peptide receptor-like 1	759	753	280	837	761	247
208944_at	chromosome 1 open reading frame 38	1727	1784	626	946	903	556
207571_x_at		1196	1305	460	420	454	333
212628_at	Protein kinase N2	160	168	54	95	100	65
225318_at	DDHD domain containing 2	180	177	61	50	48	48
228869_at	Selectin ligand interactor cytoplasmic-1	1037	1061	375	341	357	251
204336_s_at	regulator of G-protein signalling 19	1435	1379	461	348	375	292
242943_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	573	634	222	284	255	181
202869_at	2',5'-oligoadenylate synthetase 1, 40/46kDa	543	467	153	408	397	138
225832_s_at	KCCR13L	257	271	94	96	82	65
50221_at	transcription factor EB	263	266	92	85	84	64
43511_s_at	MRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)	486	490	166	276	262	157
1556332_at	CDNA FLJ38412 fis, clone FEBRA2009385	443	466	161	794	719	377
223081_at	hypothetical protein MGC2941	631	696	239	94	87	98
214058_at		298	335	113	96	109	80
203153_at	interferon-induced protein with tetratricopeptide repeats 1	1313	1033	331	1074	1060	371
203148_s_at	tripartite motif-containing 14	154	146	52	75	73	37
234987_at	SAM domain and HD domain 1	499	456	146	271	237	121
204702_s_at	nuclear factor (erythroid-derived 2)-like 3	180	192	56	176	206	78
203822_s_at	E74-like factor 2 (ets domain transcription factor)	458	475	156	177	187	134
225845_at	HSPC063 protein	303	296	98	92	89	72
207655_s_at	B-cell linker	72	74	24	38	45	23

Figure 23-179

231283_at	Hypothetical protein MGC52110	MGC52110	98	91	26	49	42	40
226986_at	WIP149-like protein 2	WIP1-2	211	176	58	39	42	33
210361_s_at	E74-like factor 2 (ets domain transcription factor)	ELF2	174	193	64	94	94	62
205062_x_at	AT rich interactive domain 4A (RBP1-like)	ARID4A	194	233	79	94	90	60
49111_at	MRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)		273	289	94	186	167	107
227184_at	Transcribed locus, weakly similar to NP_071385.1 chromosome 6 open reading frame 79 [Homo sapiens]		2842	3154	1043	3392	3531	1772
212796_s_at	KIAA1055 protein	KIAA1055	246	286	90	173	181	96
201369_s_at	zinc finger protein 36, C3H type-like 2	ZFP36L2	100	108	37	52	45	39
219243_at	GTPase, IMAP family member 4	GIMAP4	159	175	49	48	52	41
225725_at	Homo sapiens, clone IMAGE:5261213, mRNA		70	91	29	27	24	19
229584_at	leucine-rich repeat kinase 2	LRRK2	232	218	62	78	78	53
228234_at	toll-like receptor adaptor molecule 2	TICAM2	675	712	233	277	275	175
226055_at	arrestin domain containing 2	ARRDC2	905	944	293	216	206	202
208784_s_at	kelch domain containing 3	KLHDC3	94	94	34	31	27	31
206925_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	ST8SIA4	480	487	156	174	168	113
221861_at	MRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)		404	411	127	266	248	127
225207_at	phosphoinositide-3-kinase, catalytic, delta polypeptide	PIK3CD	89	104	35	12	12	15
203879_at	chemokine (C-X-C motif) ligand 10	CXCL10	1336	1314	400	572	600	361
204533_at	G protein-coupled receptor kinase interactor 2	GIT2	3113	2274	801	3117	3156	1158
238076_at			61	59	22	12	11	12
225558_at			614	590	173	172	186	126
1552316_a_at	GTPase, IMAP family member 1	GIMAP1	100	104	34	20	26	17

Figure 23-180

204982_at	G protein-coupled receptor kinase interactor 2	GIT2	119	136	44	34	39	31
210773_s_at	formyl peptide receptor-like 1	FPRL1	876	923	295	964	829	269
234725_s_at	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	SEMA4B	131	129	40	48	52	41
227020_at	yippee-like 2 (Drosophila)	YPEL2	390	384	110	121	107	91
230836_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	ST8SIA4	492	440	129	173	165	104
227345_at	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain	TNFRSF10D	349	372	112	121	107	74
239021_at	Transcribed locus, moderately similar to XP_530714.1 LOC461168 [Pan troglodytes]		145	129	38	32	25	24
204900_x_at	sin3-associated polypeptide, 30kDa	SAP30	159	154	39	36	33	34
218832_x_at	arrestin, beta 1	ARRB1	58	65	24	41	41	19
235798_at			208	178	50	19	19	23
1552618_at	syntaxin 6	STX6	853	939	263	245	223	169
223660_at	AD026 protein	AD026	73	72	18	22	21	16
214560_at	formyl peptide receptor-like 2	FPRL2	1348	1231	347	528	485	203
227420_at	hypothetical protein MGC17791	MGC17791	610	627	171	139	160	115
225833_at	KCCR13L	LOC221955	122	160	43	45	37	33
212799_at	syntaxin 6	STX6	1759	1717	475	441	436	282
207237_at	potassium voltage-gated channel, shaker-related subfamily, member 3	KCNA3	108	114	32	226	246	95
204908_s_at	B-cell CLL/lymphoma 3	BCL3	1781	1973	565	1245	936	477
235306_at	GTPase, IMAP family member 8	GIMAP8	179	195	48	42	47	35
228976_at	Transcribed locus, strongly similar to XP_530354.1 LOC458600 [Pan troglodytes]		195	207	66	109	126	58

Figure 23-181

201368_at	zinc finger protein 36, C3H type-like 2	ZFP36L2	2354	2565	650	774	780	605
202316_x_at	ubiquitination factor E4B (UFD2 homolog, yeast)	UBE4B	81	81	26	31	35	17
230343_at	Transcribed locus		107	124	31	25	25	22
57715_at	family with sequence similarity 26, member B	FAM26B	365	350	83	56	50	45
210176_at	toll-like receptor 1	TLR1	1465	1527	372	178	201	138
229937_x_at	Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1	LILRB1	1138	1120	276	556	522	176
227002_at	chromosome 9 open reading frame 59	C9orf59	177	185	44	23	22	26
212800_at	syntaxin 6	STX6	431	427	104	103	119	69
218051_s_at	hypothetical protein FLJ12442	FLJ12442	235	241	67	82	76	48
1552553_a_at	caspase recruitment domain family, member 12	CARD12	415	420	104	78	76	47
240173_at	Transcribed locus, strongly similar to NP_031887.2 dihydrolipoamide dehydrogenase [Mus musculus]		155	180	42	33	38	23
230422_at	formyl peptide receptor-like 2	FPRL2	2783	2784	693	897	749	336
209876_at	G protein-coupled receptor kinase interactor 2	GIT2	156	154	47	43	46	29
201367_s_at	zinc finger protein 36, C3H type-like 2	ZFP36L2	72	83	20	23	28	20
214038_at	chemokine (C-C motif) ligand 8	CCL8	544	406	69	353	330	65
226530_at	Bcl2 modifying factor	BMF	545	564	121	130	151	105
230141_at	AT rich interactive domain 4A (RBP1-like)	ARID4A	160	189	46	56	52	42
219777_at	GTPase, IMAP family member 6	GIMAP6	71	76	15	11	11	9
237623_at	Cystatin C (amyloid angiopathy and cerebral hemorrhage)	CST3	93	83	20	22	19	18
223816_at	thymic stromal co-transporter	TSCOT	103	121	23	14	16	18
235385_at	Membrane-associated RING-CH protein 1	MARCH1	75	68	16	18	20	12

Figure 23-182

205898_at	chemokine (C-X3-C motif) receptor 1	CX3CR1	524	549	115	54	59	31
206171_at	adenosine A3 receptor	ADORA3	84	81	14	16	22	16
202838_at	fucosidase, alpha-L-1, tissue	FUCA1	867	769	133	150	150	82
228071_at	GTPase, IMAP family member 7	GIMAP7	79	87	18	9	13	10
1552315_at	GTPase, IMAP family member 1	GIMAP1	72	89	21	20	17	23
221565_s_at	family with sequence similarity 26, member B	FAM26B	344	377	67	39	39	28
229367_s_at	GTPase, IMAP family member 6	GIMAP6	87	98	16	18	21	10
213420_at	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	DHX57	107	100	15	38	38	14
1552386_at	hypothetical protein FLJ33641	FLJ33641	2609	2748	467	1035	1071	302
229968_at	Transcribed locus		1173	1215	183	111	114	71
207794_at	chemokine (C-C motif) receptor 2	CCR2	340	341	45	47	50	36
206978_at	chemokine (C-C motif) receptor 2	CCR2	926	954	113	115	133	81

Figure 24-1

Qualifier	α -TREM-1 v. isotype			LPS v. untreated			α -TREM-1 v. LPS			α -TREM-1 plus LPS v. isotype			α -TREM-1 plus LPS			LPS v. α -TREM-1 plus LPS		
	p-value	ratio		p-value	ratio		p-value	ratio		p-value	ratio		p-value	ratio		p-value	ratio	
210511_s_at	4.11E-09	138.6		3.52E-08	124.0		0.7854675	1.1		9.70E-10	406.0		0.000576177	2.9		0.00050953	2.7	
227140_at	3.79102E-07	96.7		2.87E-08	97.0		0.2220836	1.3		1.5148E-07	219.7		0.000723909	2.3		0.006136831	1.7	
204011_at	6.23E-12	78.4		0.815766	1.1		7.77E-12	73.0		6.97E-11	51.0		0.05789698	0.7		8.74E-11	47.5	
229242_at	7.24E-12	58.0		1.73884E-06	7.4		1.06049E-06	8.0		5.06E-12	71.3		0.3896796	1.2		2.0649E-07	9.9	
221085_at	3.67E-08	30.2		0.001408065	4.4		1.88928E-05	8.4		3.10E-08	39.9		0.5234249	1.3		6.28998E-06	11.1	
204475_at	2.10787E-07	29.1		0.004091277	7.3		0.000737605	7.2		8.31E-09	64.9		0.03259262	2.2		1.9662E-05	16.1	
1562747_at	1.40E-08	28.8		0.006995554	3.8		0.000315684	6.0		5.41E-10	61.2		0.02794364	2.1		5.6181E-06	12.8	
1568574_x_at	6.53E-09	28.5		0.01224149	2.8		1.98215E-06	12.6		4.28E-09	28.3		0.9800853	1.0		1.53931E-06	12.5	
209875_s_at	1.22598E-07	28.0		0.001831842	3.7		3.55755E-07	8.3		3.53441E-07	27.2		0.8447492	1.0		9.50235E-07	8.1	
211839_s_at	1.42E-08	25.0		0.05364024	2.0		2.74177E-06	13.7		4.02E-08	24.9		0.9918501	1.0		4.0972E-06	13.6	
212444_at	6.44E-11	22.9		0.007813465	3.8		0.003594586	4.2		6.30E-12	26.6		0.5531178	1.2		0.0015942	4.8	
209716_at	7.73E-09	22.0		0.03288926	1.8		5.25926E-07	10.4		1.22E-09	26.2		0.6057987	1.2		7.98E-08	12.4	
217546_at	1.94501E-06	20.7		0.02500215	1.7		1.3543E-05	18.7		1.78581E-05	11.6		0.2494497	0.6		0.000137013	10.5	
204014_at	3.90029E-05	16.3		0.004332546	3.4		0.000885702	3.1		0.000297664	10.9		0.05623119	0.6		0.08825711	1.8	
218585_s_at	2.56196E-07	18.9		0.001178195	2.1		7.76576E-06	7.7		3.17396E-07	18.9		0.9875957	1.0		8.45941E-06	7.7	
203108_at	1.67675E-05	17.8		0.000363651	6.0		0.000418249	2.6		1.50854E-05	18.6		0.8165354	1.0		0.000237642	2.8	
203548_s_at	1.82525E-05	16.3		0.04675211	2.1		9.46E-09	7.3		8.90755E-05	10.5		0.01307098	0.6		4.48021E-07	4.7	
210557_x_at	9.06E-08	16.1		0.0822323	2.2		0.000130419	6.5		2.53E-09	20.6		0.460559	1.3		1.62671E-05	8.3	
237204_at	6.36E-08	15.8		0.000619765	6.3		0.001424124	2.7		5.38E-08	16.9		0.7767082	1.1		0.000451922	2.9	
204015_s_at	4.01E-08	14.0		0.001393682	3.6		0.000121493	2.6		5.93464E-07	8.5		0.008709885	0.6		0.03267838	1.6	
204802_at	2.10695E-06	13.8		0.002580023	3.9		0.000182456	3.0		2.42547E-07	19.9		0.08576434	1.4		1.9008E-05	4.3	
226034_at	6.44964E-06	13.3		0.000284581	4.3		0.00050622	2.5		3.98732E-05	8.5		0.01420803	0.6		0.04815653	1.6	
204363_at	5.40142E-07	13.3		3.40E-10	32.5		4.2082E-05	3.8		3.57E-10	77.7		1.76128E-06	5.9		0.0828384	1.5	
203889_at	3.16393E-07	13.2		0.4495159	1.2		3.59317E-06	6.6		2.1835E-06	8.0		0.08890384	0.6		2.35212E-06	4.0	
205249_at	3.01E-08	13.2		0.05550445	1.9		1.70243E-05	4.9		7.54E-08	10.6		0.1082989	0.8		7.04727E-05	4.0	
237890_at	1.14191E-06	13.0		9.76129E-06	9.7		0.00124703	2.8		7.98003E-07	14.5		0.5831417	1.1		0.001091999	3.2	
239756_at	2.97626E-06	12.7		0.001619808	4.9		0.000374416	3.0		2.17438E-07	22.6		0.05557639	1.8		2.53224E-06	5.4	
206239_s_at	1.91E-08	12.5		0.005047348	2.1		3.26453E-06	5.4		1.37E-08	12.6		0.9892512	1.0		1.81111E-06	5.4	
204926_at	4.35147E-07	12.4		9.03194E-07	18.6		0.3983486	1.2		1.36169E-07	18.7		0.07366098	1.5		0.2888928	1.2	
237016_at	1.48951E-05	12.0		0.001444168	3.8		0.000116824	2.3		2.04063E-05	10.7		0.5562355	0.9		0.001127654	2.1	
230127_at	9.88E-11	11.8		0.000386217	11.7		0.001430754	2.0		7.43E-12	13.2		0.5478674	1.1		5.81989E-06	2.2	
222802_at	1.51E-10	11.5		1.18E-09	7.9		0.09791069	1.4		5.44E-13	31.5		7.94848E-05	2.7		7.96293E-07	3.7	
207850_at	4.46998E-06	11.2		2.53501E-07	31.7		1.41192E-06	2.9		2.85656E-07	30.9		2.43263E-06	2.8		0.5046058	0.9	

Figure 24-2

244080_at	5.21235E-07	11.1	0.003902593	5.7	0.000277683	2.2	7.40156E-07	11.9	0.5997809	1.1	5.93883E-05	2.3
204472_at	3.57E-09	10.9	6.33E-08	5.3	3.92087E-06	2.6	3.48E-10	17.0	0.01621293	1.6	2.46E-08	4.1
203549_s_at	4.74E-08	10.9	0.05313595	1.9	8.77E-08	6.2	5.89189E-07	7.5	0.03808828	0.7	2.06101E-06	4.3
237718_at	3.42946E-07	10.7	1.85454E-05	7.2	0.0249906	1.4	4.31E-08	16.9	0.008253289	1.6	2.19258E-05	2.2
231741_at	1.98293E-05	10.4	0.2792732	0.7	1.47E-09	15.2	0.000129333	6.7	0.01480749	0.6	1.50E-08	9.8
243675_at	1.06192E-07	10.4	3.33942E-06	3.6	0.011158	1.8	9.03E-08	11.7	0.618261	1.1	0.006807172	2.1
209278_s_at	0.000859901	10.3	3.09572E-05	15.5	0.7581152	1.2	2.8967E-07	42.0	0.03288562	4.1	0.03141403	3.4
231367_s_at	1.59E-09	10.3	0.06805963	1.9	1.77074E-06	4.5	1.10082E-07	6.3	0.05357578	0.6	0.000238349	2.8
204575_s_at	2.3256E-06	10.1	0.01463019	2.1	2.4687E-07	5.4	2.24962E-06	9.7	0.7958982	1.0	3.07657E-07	5.2
227347_x_at	3.05E-08	10.0	0.000419019	5.2	0.003370834	1.8	2.32E-08	13.4	0.08738611	1.3	1.56681E-06	2.4
210229_s_at	0.000122616	9.6	1.13316E-05	18.9	0.2264297	2.0	4.97E-09	192.4	1.4192E-05	20.1	0.00029778	10.1
205680_at	8.76612E-07	9.6	4.55273E-07	16.0	0.4240561	1.2	1.96E-10	56.8	1.83366E-06	5.9	0.000048147	4.8
206914_at	2.98E-09	9.5	0.1158761	0.6	5.08E-09	15.4	2.67086E-06	4.4	0.001683255	0.5	7.10024E-07	7.2
209355_s_at	2.0697E-07	9.4	0.2817872	1.8	1.44372E-06	8.4	6.4364E-06	5.8	0.01117598	0.6	3.53591E-05	5.2
1558836_at	6.4982E-05	9.3	0.000957665	3.6	0.0245004	2.2	3.54594E-05	10.9	0.6881375	1.2	0.01063718	2.6
204574_s_at	8.35917E-06	9.3	0.5244376	0.7	0.000128164	6.8	0.000270688	6.9	0.4728867	0.7	0.001989799	5.1
218469_at	0.000352269	9.2	0.200106	1.9	0.004757165	4.8	0.00053481	5.8	0.3772678	0.6	0.01080534	3.0
228425_at	4.13652E-05	9.2	0.1318404	2.1	0.00023273	3.8	1.79028E-05	11.4	0.3014556	1.2	4.74396E-05	4.7
219270_at	3.84968E-06	9.1	0.000280609	6.3	0.0329286	1.7	2.10028E-06	10.6	0.4093972	1.2	0.005961966	2.0
209324_s_at	4.04941E-05	9.1	0.000169092	4.5	0.09287063	1.9	5.21668E-06	10.0	0.7858537	1.1	0.01189086	2.0
207907_at	1.51E-08	8.9	0.1762433	0.6	1.72355E-07	17.1	3.40466E-07	7.8	0.6187327	0.9	4.38123E-07	14.9
221266_s_at	1.24279E-05	8.7	0.04287792	1.4	7.94554E-07	4.5	2.21408E-05	7.9	0.6530843	0.9	3.70924E-07	4.0
210896_s_at	1.24E-08	8.7	0.01649331	3.4	7.44E-09	4.4	5.46E-08	7.2	0.2880293	0.8	1.01325E-07	3.7
218995_s_at	6.65E-10	8.6	2.9024E-05	8.1	0.07743869	1.4	5.04E-10	21.6	0.001331449	2.5	5.45661E-05	3.5
1569352_at	7.58947E-07	8.4	2.13193E-06	3.3	0.006235922	1.9	2.43386E-07	10.5	0.3552167	1.2	0.000981486	2.3
230188_at	0.001438584	8.3	0.000766714	6.9	0.9104572	1.1	3.67E-08	28.9	0.03548914	3.5	0.009278126	3.7
218000_s_at	3.13359E-06	8.2	0.001667696	4.3	0.00042347	2.6	3.23549E-06	8.3	0.9840245	1.0	0.001017311	2.6
209209_s_at	1.14E-08	8.1	0.000178058	4.6	0.03750004	1.8	4.57E-08	11.1	0.2291953	1.4	0.007301156	2.5
209774_x_at	2.35663E-06	7.8	6.53194E-07	16.0	1.16219E-07	2.3	1.39741E-07	16.4	6.06374E-07	2.1	0.3362134	0.9
208510_s_at	7.64148E-06	7.8	0.1567132	1.6	2.12373E-06	6.7	2.8988E-05	5.8	0.001887321	0.7	9.1347E-06	4.9
237465_at	2.73E-09	7.8	0.000520928	4.0	0.001981885	1.8	6.34E-09	8.0	0.8325455	1.0	0.000156666	1.9
231124_x_at	1.38E-11	7.7	0.6418383	0.9	3.81915E-06	10.1	5.42597E-06	3.0	1.47922E-05	0.4	0.00055448	3.9
201693_s_at	5.59E-08	7.7	7.91572E-07	5.3	0.2763837	1.3	5.59E-10	17.0	0.001961679	2.2	0.01524145	1.8
201694_s_at	6.45E-09	7.5	9.64716E-06	5.3	0.1767399	1.2	7.67E-11	15.4	0.00185575	2.1	0.007434736	1.7
204803_s_at	1.80356E-05	7.2	0.001074611	3.5	1.35517E-05	2.1	1.79351E-06	10.5	0.01647996	1.5	1.11191E-06	3.1
228176_at	7.03E-11	7.2	0.006948333	0.5	1.62E-10	10.8	5.63E-09	4.6	0.002052218	0.6	7.09E-09	6.9

Figure 24-3

205266_at	2.26384E-05	7.1	0.08271178	1.7	0.02577358	2.1	7.69981E-07	23.9	0.008789361	3.4	0.000148834	7.1
222680_s_at	1.48577E-06	7.1	0.6642283	0.9	3.62122E-05	4.7	5.39103E-06	6.4	0.5407804	0.9	8.36661E-05	4.3
202988_s_at	8.72E-09	7.0	0.000198741	2.6	0.000753645	2.2	4.22E-09	6.9	0.9359477	1.0	0.000537797	2.2
237252_at	0.000181688	7.0	0.2915578	1.7	0.001330463	2.4	0.000402005	6.0	0.4539877	0.8	0.004023195	2.1
231286_at	1.85513E-06	6.8	0.7919171	0.9	4.47237E-05	7.9	1.59375E-05	5.0	0.1036866	0.7	0.000215207	5.8
209135_at	1.46E-09	6.8	0.000350525	2.1	2.20E-08	4.2	5.15E-08	5.2	0.1659429	0.8	2.47289E-06	3.2
241972_at	1.20E-11	6.7	5.79E-08	4.4	0.000440074	1.8	8.88E-13	7.6	0.3654918	1.1	9.5098E-06	2.0
203821_at	9.26901E-07	6.7	0.009292821	2.1	0.006819092	2.2	1.85E-08	7.6	0.6168337	1.1	0.000611285	2.6
216248_s_at	6.57E-09	6.6	0.001340206	2.4	0.00104554	1.9	1.68E-09	8.1	0.22044	1.2	1.69949E-05	2.3
1564980_a_at	1.53E-08	6.6	0.3038494	1.3	1.88E-08	3.7	1.5237E-07	5.1	0.1289708	0.8	1.09637E-06	2.9
204622_x_at	2.16E-09	6.5	0.000448858	2.4	0.000750619	1.8	9.82E-10	7.7	0.2776652	1.2	5.33454E-06	2.1
225283_at	1.85616E-05	6.5	0.002212033	3.3	0.02107624	1.7	3.97805E-05	6.1	0.5579616	0.9	0.02940942	1.6
231291_at	1.4948E-07	6.4	0.8465182	0.9	1.13713E-06	6.5	2.3798E-06	4.4	0.05476253	0.7	1.72751E-05	4.4
232530_at	0.001728648	6.4	3.83E-08	12.2	0.000218328	3.6	6.98825E-06	28.3	6.63294E-05	4.4	0.3562328	1.2
202976_s_at	9.25888E-05	6.4	0.01206552	2.8	0.003230227	3.1	6.58488E-05	7.0	0.6984146	1.1	0.003015837	3.4
223062_s_at	3.88141E-05	6.4	0.06987073	2.0	0.000685104	3.0	0.000197418	4.9	0.3122576	0.8	0.006554915	2.3
222223_s_at	2.16415E-05	6.4	0.01738294	2.2	0.003095084	2.4	3.10859E-06	9.4	0.0607604	1.5	5.97724E-05	3.6
205047_s_at	3.54312E-07	6.3	0.001975847	5.6	0.01847151	2.0	2.54E-08	7.9	0.3053443	1.3	0.001821532	2.6
204621_s_at	2.40457E-06	6.3	0.01683003	1.7	0.000348351	1.9	1.58496E-06	7.4	0.263489	1.2	3.16185E-06	2.2
216243_s_at	2.57667E-05	6.3	1.14669E-06	8.3	0.4351034	1.1	1.39011E-05	7.1	0.2576822	1.1	0.6732797	1.0
203925_at	5.91E-09	6.3	1.77134E-05	3.4	0.001665924	2.1	8.32E-09	6.9	0.4630832	1.1	0.000530235	2.3
231100_at	0.000686631	6.2	0.003053374	3.8	0.000867731	2.0	0.000160915	8.9	0.05295875	1.4	4.55376E-06	2.8
216245_at	6.98527E-07	6.1	1.04135E-05	7.1	0.1152912	1.4	7.48402E-07	6.0	0.9308735	1.0	0.1098614	1.4
202760_s_at	6.47355E-07	6.1	1.34E-08	7.7	0.3533322	1.1	1.85E-08	10.8	0.000147685	1.8	9.00194E-05	2.0
212659_s_at	6.48359E-05	6.1	3.51287E-07	8.1	0.4632665	1.1	3.08835E-05	7.1	0.1767522	1.2	0.5706332	1.1
1554486_a_at	1.09327E-07	6.1	0.1410288	1.4	6.40E-10	5.6	4.20698E-06	3.8	0.006031559	0.6	4.39633E-07	3.5
1560869_a_at	0.000364053	6.0	0.001305267	4.2	0.04210021	1.8	3.24147E-05	9.8	0.1170852	1.6	0.000782359	2.9
227404_s_at	1.99782E-05	6.0	0.000145244	4.3	0.575227	1.2	5.42E-08	12.7	0.03924796	2.1	0.0401666	1.8
213793_s_at	2.73174E-07	6.0	0.000257307	2.8	0.001637336	1.9	6.54226E-07	5.6	0.6725538	0.9	0.001648589	1.7
234986_at	1.44E-10	6.0	3.89859E-05	2.9	0.000583446	2.2	1.05E-10	6.6	0.3846759	1.1	0.000198558	2.5
219911_s_at	1.26E-08	5.9	0.0210139	1.6	6.63346E-06	3.1	3.01E-09	7.1	0.3480673	1.2	8.47219E-07	3.7
235911_at	2.15078E-07	5.9	0.004719045	2.2	6.93E-08	2.8	9.23805E-07	4.9	0.1500483	0.8	1.55509E-06	2.3
236140_at	2.7713E-07	5.9	6.82796E-05	3.1	0.006936339	2.1	2.53128E-07	6.8	0.5992143	1.1	0.002570745	2.4
244887_at	4.9539E-05	5.8	0.4048916	1.3	8.86794E-05	2.9	0.000289078	4.4	0.1602172	0.7	0.001811795	2.2
209210_s_at	1.68259E-06	5.8	1.60601E-05	5.1	0.07529503	1.5	1.03657E-07	9.0	0.04328231	1.5	0.001940107	2.4
213338_at	6.20795E-06	5.8	0.1773902	1.4	2.06936E-05	4.4	0.001730301	2.7	0.01342152	0.5	0.007846073	2.0

Figure 24-4

204420_at	4.66E-09	5.8	2.9753E-07	3.5	0.01445586	1.5	2.75E-10	8.4	0.0177545	1.4	2.05199E-05	2.1
1553706_at	4.217E-05	5.7	0.02031988	0.4	2.99384E-06	10.1	0.001060134	3.4	0.0958019	0.6	5.31891E-05	6.0
1554997_a_at	3.53E-08	5.6	1.45E-09	39.6	1.62E-11	7.5	1.79E-12	33.9	1.15E-10	6.0	0.05773493	0.8
226893_at	1.98924E-06	5.6	3.53647E-07	5.6	0.5802595	1.1	3.19396E-07	8.3	0.00718752	1.5	0.003332109	1.6
214285_at	3.96476E-07	5.6	0.1540965	1.7	2.79551E-05	3.5	1.68155E-05	4.7	0.5471286	0.8	0.000616146	3.0
217997_at	1.42215E-06	5.6	0.004636613	2.6	2.16945E-05	2.2	2.39179E-06	5.1	0.5642664	0.9	0.000224991	2.0
207438_s_at	1.19E-08	5.6	0.1780545	0.7	6.02478E-07	6.3	1.04E-09	4.3	0.1352461	0.8	5.15318E-06	4.9
225202_at	1.2023E-07	5.6	0.000287986	1.8	4.72931E-05	2.6	6.57E-09	7.3	0.1503337	1.3	1.12499E-07	3.4
236898_at	0.000997475	5.6	0.005256066	6.1	0.1140842	1.6	0.000269198	7.7	0.01506195	1.4	0.01467654	2.3
228033_at	0.00106067	5.5	4.31E-10	18.1	4.35257E-07	7.8	1.60181E-06	31.9	4.5473E-06	5.8	0.08826696	0.7
205443_at	1.68644E-06	5.5	0.000655009	2.1	0.000740677	2.6	3.31037E-07	5.8	0.8684117	1.0	0.000192932	2.7
206115_at	8.98972E-07	5.5	0.002222881	2.9	0.400263	1.1	7.13652E-07	6.0	0.3520345	1.1	0.07451867	1.2
226694_at	1.2423E-05	5.4	5.70028E-06	5.7	0.4384488	1.1	1.43159E-06	8.4	7.05606E-05	1.5	0.000141542	1.7
204170_s_at	8.33E-10	5.4	7.37217E-06	2.7	0.000210354	2.2	1.87E-10	6.1	0.4641128	1.1	3.34333E-05	2.5
208370_s_at	9.88017E-06	5.4	0.001617448	2.2	0.008508406	2.3	8.68701E-07	7.4	0.3058497	1.4	0.000398954	3.2
1569403_at	4.88E-09	5.4	0.04320247	1.9	1.62E-08	3.8	4.85E-09	5.4	0.9781852	1.0	1.03E-08	3.8
38037_at	9.16681E-06	5.4	0.02158925	2.0	0.01750388	2.1	2.0998E-07	6.8	0.4206484	1.3	0.000889091	2.6
216017_s_at	0.001305127	5.3	0.03088487	3.5	6.05218E-06	2.7	0.007867	3.6	0.01979627	0.7	0.002833265	1.8
218951_s_at	1.11026E-06	5.3	0.02319705	1.7	7.02058E-06	3.8	2.51539E-05	3.7	0.06071231	0.7	0.000259488	2.6
228606_at	1.22E-09	5.3	0.02010601	0.6	4.49E-08	8.2	1.11E-08	4.6	0.3845323	0.9	1.31908E-07	7.1
231907_at	3.80578E-07	5.3	2.09013E-07	4.6	0.2103845	1.2	6.85E-08	6.8	0.07651844	1.3	0.008998935	1.6
208411_s_at	8.67E-08	5.3	1.73E-09	5.9	0.4347126	1.1	1.79E-08	6.8	0.04166955	1.3	0.01693121	1.4
222817_at	0.000765328	5.3	0.8254657	0.9	8.24862E-05	7.6	0.100669	2.2	0.02205178	0.4	0.01736463	3.2
239331_at	2.48511E-05	5.2	1.05235E-05	5.1	0.9785621	1.0	5.97E-08	11.5	0.02426401	2.2	0.0165053	2.2
1564274_at	3.49463E-07	5.2	0.001636562	1.8	5.75E-08	3.5	5.44338E-06	4.0	0.0594183	0.8	1.32E-08	2.7
228498_at	0.001584397	5.2	2.64401E-06	13.3	9.56099E-05	2.5	4.58322E-05	12.5	7.82582E-06	2.4	0.8445299	1.0
205097_at	2.72987E-06	5.2	0.07530309	1.6	6.3391E-05	3.3	2.73852E-05	3.8	0.1499573	0.7	0.0008393	2.4
232331_at	2.33418E-07	5.1	0.09040275	1.5	3.96E-08	4.1	2.06454E-06	4.1	0.06092676	0.8	5.53762E-07	3.3
231343_at	9.25E-08	5.1	0.442333	1.2	3.51819E-06	3.0	7.34767E-07	4.0	0.1890777	0.8	3.45572E-05	2.4
205738_s_at	0.000273381	5.1	0.2350338	1.8	0.007777891	3.2	6.33744E-05	5.3	0.9200617	1.0	0.003106091	3.3
205476_at	7.41496E-05	5.1	9.95E-08	11.6	7.36173E-07	2.2	3.82161E-06	10.3	2.62843E-06	2.0	0.3651833	0.9
214974_x_at	5.53648E-05	5.1	1.5724E-05	5.1	0.2879106	1.3	3.61071E-07	8.9	0.07843801	1.8	0.2425734	1.3
208075_s_at	1.78601E-06	5.1	0.001813297	2.3	7.63624E-05	2.7	8.10433E-05	3.3	0.02833651	0.7	0.01304416	1.7
203939_at	0.000144009	5.1	0.01182454	2.4	0.002296371	2.2	0.000628903	4.0	0.197741	0.8	0.02474287	1.7
229070_at	1.85414E-05	5.0	7.78056E-06	8.6	0.05549787	1.3	1.34554E-06	9.0	0.000827865	1.8	0.005809717	1.3
229879_at	0.000368078	5.0	0.6034216	1.1	5.13069E-06	3.4	0.000975209	4.2	0.2657054	0.8	2.37718E-05	2.9

Figure 24-5

205114_s_at	3.83484E-07	5.0	5.30E-08	6.0	9.16704E-06	1.6	2.86E-08	7.8	1.67363E-06	1.5	0.5383618	1.0
212230_at	2.26941E-07	5.0	0.3329729	1.2	6.06E-08	4.4	6.80483E-06	3.5	0.009880772	0.7	2.77877E-06	3.0
202759_s_at	1.18473E-06	5.0	1.51E-08	5.7	0.2122835	1.2	1.17291E-07	8.0	0.000114004	1.6	0.000100597	1.9
202672_s_at	3.26E-08	4.9	0.2899452	1.2	3.43E-09	3.1	4.46933E-07	3.9	0.0348123	0.8	4.92E-08	2.4
203367_at	5.875E-06	4.9	0.8885234	0.9	4.11949E-07	6.0	0.004106818	2.3	0.000211916	0.5	0.000384284	2.7
212226_s_at	1.2388E-06	4.9	0.08375734	1.5	1.56482E-07	3.8	9.30407E-06	3.9	0.1667427	0.8	6.36662E-07	3.0
234153_at	3.66352E-07	4.9	1.3812E-07	11.5	0.4809047	1.1	1.13E-08	8.4	0.01355603	1.7	0.02589262	1.5
224963_at	4.20871E-07	4.9	0.005015552	2.0	6.46881E-06	3.0	3.0113E-06	3.9	0.1780856	0.8	6.48939E-05	2.4
207082_at	3.72185E-05	4.9	0.3833317	1.3	7.0416E-05	4.6	4.4796E-06	6.1	0.4786848	1.3	8.76912E-06	5.8
229307_at	1.01511E-06	4.8	0.2642514	1.3	4.06654E-07	3.3	1.92249E-06	4.9	0.961708	1.0	6.20047E-06	3.3
219557_s_at	1.26E-08	4.8	0.01316486	1.6	5.56E-08	3.2	6.35E-08	4.2	0.3095107	0.9	4.55502E-07	2.7
1562056_at	6.25287E-05	4.8	0.002944776	2.4	0.009287586	2.2	2.71208E-05	5.3	0.7325833	1.1	0.003354196	2.4
202679_at	2.60E-10	4.8	0.003407618	1.7	1.74E-08	3.5	7.87E-10	4.4	0.4847975	0.9	5.06E-08	3.3
232045_at	0.000770065	4.7	0.000607919	4.2	0.8455953	1.1	3.84E-08	15.5	0.003427486	3.3	0.00101284	3.0
242963_at	2.26231E-07	4.7	0.00158977	2.3	4.68964E-07	2.3	5.68563E-07	4.5	0.6947055	1.0	2.70665E-07	2.2
219491_at	1.75298E-06	4.7	0.1062249	0.4	1.13799E-06	11.6	0.001036609	2.3	0.00026676	0.5	1.79056E-05	5.7
204748_at	7.57E-08	4.7	2.10E-11	19.2	8.36E-11	4.9	2.68E-11	19.4	5.32E-10	4.1	0.08941983	0.8
205207_at	5.17978E-06	4.6	1.11E-11	125.5	1.01E-10	22.4	7.68E-12	74.7	2.46E-10	16.1	0.006578697	0.7
203887_s_at	3.65232E-07	4.6	0.2620589	1.4	0.000549274	2.9	1.51954E-05	3.3	0.1502234	0.7	0.01086449	2.1
201242_s_at	0.000845405	4.6	0.02629327	3.0	0.2981777	1.5	0.005295761	3.5	0.533739	0.8	0.7030399	1.2
205891_at	5.60442E-05	4.6	0.000289127	3.5	0.02370811	1.6	2.26015E-05	5.2	0.4878083	1.1	0.00098417	1.8
240496_at	0.000433113	4.6	0.02409757	2.4	0.1520837	1.7	1.09299E-05	7.9	0.04993891	1.7	0.003840631	2.9
229437_at	3.98219E-06	4.6	9.10E-13	34.6	1.17E-08	6.9	1.98E-11	28.7	2.27E-08	6.3	0.6126296	0.9
217996_at	1.00738E-05	4.6	0.001063774	2.7	0.000509694	1.6	7.83478E-06	4.6	0.9395542	1.0	0.000927772	1.6
213211_at	0.000719279	4.5	0.008602183	2.3	0.000215566	2.7	0.000343151	5.2	0.3841979	1.2	5.57553E-05	3.1
225924_at	1.25E-08	4.5	4.1842E-06	2.6	7.5651E-06	1.8	8.57E-09	4.8	0.5089374	1.1	1.703E-06	1.9
209664_x_at	0.000242645	4.5	9.83E-08	4.8	0.6267214	1.1	1.10791E-05	7.2	0.0737585	1.6	0.05943101	1.4
212859_x_at	2.98896E-07	4.5	0.1578301	0.8	5.29E-08	6.5	0.000110309	3.3	0.2540217	0.7	1.45973E-05	4.8
201243_s_at	6.30779E-07	4.5	1.91283E-06	4.1	0.318451	1.3	2.62542E-05	4.1	0.6881489	0.9	0.6396935	1.1
209325_s_at	0.000106198	4.5	0.1634207	1.8	0.0917463	2.0	1.99932E-07	5.8	0.3697682	1.3	0.01236374	2.6
201466_s_at	1.77E-10	4.5	7.05345E-07	3.3	0.006209387	1.6	1.24E-09	6.1	0.05854703	1.4	0.000286925	2.2
212445_s_at	5.59131E-07	4.5	6.02601E-07	3.5	0.06269923	1.5	8.30E-10	8.7	0.003684361	1.9	1.08785E-05	2.8
212508_at	7.60E-11	4.5	0.5564286	0.9	1.01E-09	5.1	4.33E-10	4.3	0.808862	1.0	2.09E-09	4.9
217975_at	7.83E-09	4.5	0.9528634	1.0	2.39E-08	4.4	1.10143E-07	3.6	0.2101283	0.8	3.19712E-07	3.5
240859_at	2.22049E-06	4.5	0.000351384	2.2	0.01357965	1.7	5.60466E-07	6.4	0.1520579	1.4	0.000932811	2.5
210258_at	8.89495E-07	4.5	0.05221355	1.5	1.82869E-06	3.1	2.54574E-06	3.9	0.39888	0.9	1.15896E-06	2.7

Figure 24-6

203888_at	1.4582E-06	4.4	0.282331	1.4	0.00089575	2.6	4.99981E-05	3.2	0.1752736	0.7	0.01817917	1.9
1553994_at	1.04873E-05	4.4	0.02221174	2.1	0.01247208	2.1	5.11596E-07	4.3	0.9877293	1.0	0.004907087	2.1
216834_at	1.51E-09	4.3	3.771E-05	2.1	0.000551123	1.7	5.74E-10	4.5	0.774489	1.0	7.8525E-05	1.7
232149_s_at	7.34E-09	4.3	3.25185E-07	3.1	4.38946E-05	1.7	8.99E-11	5.6	0.009226693	1.3	1.02142E-06	2.2
232835_at	0.000497268	4.3	0.7053998	0.9	0.0174137	2.4	0.002954994	3.7	0.6572918	0.8	0.06594428	2.1
242058_at	0.000291851	4.3	0.0148935	2.6	0.1021764	1.5	0.000145337	4.8	0.611008	1.1	0.0346152	1.6
36711_at	4.07847E-06	4.3	1.28291E-05	5.4	0.002498403	1.5	1.42539E-07	7.7	0.000195088	1.8	0.06470047	1.2
227556_at	1.50274E-06	4.3	2.17168E-05	3.3	0.1427749	1.4	2.89575E-05	3.7	0.5839198	0.9	0.4166249	1.2
207528_s_at	2.97104E-05	4.3	4.3028E-05	3.0	0.0037429	2.0	2.76634E-05	4.3	0.9858951	1.0	0.002574818	2.0
214430_at	2.31E-10	4.3	0.000819179	2.1	0.001961055	1.9	5.87E-11	5.0	0.1289971	1.2	0.00029734	2.2
226460_at	3.35E-09	4.3	1.65741E-05	2.3	2.61742E-06	1.8	2.30E-09	4.7	0.344649	1.1	1.89181E-07	2.0
1568768_s_at	9.65974E-06	4.3	2.47026E-07	16.7	4.07E-09	4.8	1.89E-08	10.6	2.61525E-05	2.5	0.000194653	0.5
217165_x_at	8.22746E-07	4.3	0.7337902	1.1	7.80E-08	5.0	4.20778E-05	3.3	0.2649384	0.8	6.58074E-06	3.9
223461_at	3.62946E-07	4.2	0.002425906	1.9	1.38722E-07	2.6	5.84314E-07	3.9	0.1205136	0.9	3.21099E-07	2.4
1554999_at	1.04248E-07	4.2	6.98162E-06	2.6	0.002170568	1.8	5.73E-09	5.1	0.2638016	1.2	5.89035E-05	2.2
201662_s_at	7.82E-09	4.2	0.000975886	1.4	8.63E-08	3.1	2.39E-09	3.2	0.0429633	0.8	5.81E-08	2.4
215101_s_at	0.000435633	4.2	2.59641E-07	6.6	0.4741356	1.3	4.38563E-06	7.3	0.1246813	1.7	0.2610501	1.4
243141_at	7.42E-08	4.2	8.39674E-06	2.6	2.05421E-07	2.5	2.69E-08	4.2	0.9773562	1.0	2.69449E-07	2.5
227653_at	3.38E-08	4.2	0.000120183	2.0	2.87617E-05	2.4	3.07E-13	6.4	0.01021835	1.5	8.04E-09	3.7
1564796_at	5.89089E-06	4.1	0.3389168	0.8	7.27359E-05	3.9	0.000143142	2.3	0.01941666	0.6	0.005851925	2.1
228534_s_at	6.94389E-07	4.1	0.06227179	1.4	6.46522E-06	2.5	1.06896E-05	3.2	0.07325962	0.8	4.9864E-06	1.9
233935_at	1.67E-08	4.1	0.8792871	1.0	1.65527E-07	4.4	4.31E-08	4.8	0.3816982	1.2	1.01216E-07	5.2
237447_at	0.002584434	4.1	1.18572E-07	17.7	3.08835E-07	6.9	2.42768E-06	21.6	1.32585E-06	5.3	0.03551925	0.8
218696_at	2.61E-12	4.1	5.76161E-06	1.9	1.19E-08	2.4	1.71E-09	4.1	0.9249399	1.0	9.0904E-07	2.5
230266_at	9.80574E-05	4.1	0.2342352	1.4	9.24917E-06	3.1	0.009503053	2.3	0.009077995	0.6	0.01229657	1.7
219475_at	4.3941E-06	4.1	0.08210804	1.9	0.1283553	1.7	3.91562E-07	4.2	0.9228032	1.0	0.09833092	1.8
210519_s_at	8.81956E-06	4.1	0.002998329	2.7	0.1651102	1.5	2.06302E-06	4.5	0.6773834	1.1	0.07313844	1.6
212942_s_at	0.004241284	4.1	0.004208332	3.2	0.2350069	1.4	0.005013871	4.0	0.9659576	1.0	0.2779115	1.4
207113_s_at	1.52316E-07	4.1	1.06E-10	16.2	8.06E-09	4.7	3.40E-13	19.8	6.53E-09	4.9	0.7633546	1.0
201329_s_at	1.44057E-07	4.1	9.91E-08	7.3	6.39797E-07	1.8	6.11E-11	9.5	1.26641E-06	2.3	0.0151731	1.3
205239_at	9.55148E-06	4.1	2.25E-08	7.2	0.003851608	2.1	0.000001335	6.5	0.1098123	1.6	0.2782852	0.8
225252_at	2.33E-08	4.0	2.37015E-05	2.9	0.01595478	1.6	3.51E-09	4.9	0.1495527	1.2	0.001529092	2.0
217999_s_at	8.43727E-05	4.0	0.001596171	2.8	0.02332333	1.5	4.09221E-05	4.4	0.5675232	1.1	0.01704111	1.6
222900_at	2.71864E-07	4.0	0.01964644	1.6	2.47E-08	3.0	1.66791E-06	3.5	0.1064033	0.9	2.46932E-07	2.6
230218_at	0.000508837	4.0	0.8465462	1.1	0.000788288	4.1	0.008692858	2.6	0.01870128	0.6	0.01104739	2.6
224959_at	8.21089E-06	4.0	0.02364619	1.7	5.82124E-05	2.4	4.62974E-05	3.2	0.04280251	0.8	0.001175474	1.9

Figure 24-7

202768_at	9.09426E-05	3.9	0.05317812	2.0	0.09036347	1.6	7.8311E-05	4.1	0.8538877	1.0	0.07477489	1.6
230179_at	5.20258E-07	3.9	0.1578059	1.4	1.86525E-06	3.2	2.16046E-05	3.0	0.163091	0.8	0.000129916	2.4
223028_s_at	5.25447E-07	3.9	5.08599E-07	2.8	4.31106E-06	1.7	4.39651E-07	4.0	0.8353606	1.0	4.85829E-06	1.7
1554835_a_at	2.17E-08	3.9	0.01439077	2.4	3.00384E-05	1.9	4.78E-08	3.8	0.7748225	1.0	0.000104052	1.8
227038_at	1.11634E-07	3.9	1.26192E-05	2.4	2.53028E-05	2.0	1.59023E-07	3.8	0.6815979	1.0	4.18052E-05	1.9
222303_at	4.13934E-07	3.9	1.13651E-06	4.2	0.08460045	1.4	1.55E-09	9.8	0.000323889	2.5	0.00639207	1.8
204326_x_at	5.10604E-07	3.9	0.349252	0.8	3.29514E-07	6.1	0.000222445	3.0	0.2535866	0.8	1.34522E-05	4.7
1564630_at	0.000382671	3.9	0.1078872	1.5	0.2809056	1.3	1.20872E-05	6.3	0.0325731	1.6	0.001517888	2.1
228359_at	2.80228E-05	3.9	0.1322625	1.3	1.96E-08	3.9	0.001634129	2.3	5.13332E-05	0.6	9.91103E-06	2.3
201661_s_at	1.80471E-06	3.8	0.04724303	1.3	1.73625E-05	2.9	1.53708E-07	3.5	0.6117995	0.9	2.23613E-06	2.6
213629_x_at	6.41229E-06	3.8	0.3399532	0.8	2.41322E-07	5.3	0.001109415	2.7	0.1790655	0.7	5.99685E-05	3.7
241418_at	9.39E-08	3.8	0.002803292	4.3	0.1790388	1.3	1.07E-08	4.6	0.1677155	1.2	0.02593049	1.6
210287_s_at	3.27902E-05	3.8	2.664E-07	9.4	0.005836042	2.0	2.40098E-07	7.3	0.000974285	1.9	0.9229758	1.0
223264_at	5.96E-11	3.8	5.72942E-05	2.3	1.17964E-05	1.5	2.35E-10	3.9	0.5928853	1.0	3.38632E-07	1.6
223085_at	1.42E-08	3.8	0.0162959	1.6	3.29294E-07	2.8	1.14089E-07	3.2	0.1523248	0.8	1.56989E-06	2.4
219622_at	1.84823E-07	3.8	0.002580226	2.0	0.003080443	1.8	8.33125E-07	3.6	0.7484627	1.0	0.008832673	1.7
213895_at	7.75E-09	3.8	0.03246414	1.6	4.72518E-07	2.8	2.37463E-07	3.0	0.09056427	0.8	2.05176E-05	2.2
1553982_a_at	0.000209286	3.8	0.0695965	1.6	5.86745E-06	2.8	0.01510824	2.2	0.007023355	0.6	0.02541158	1.6
216944_s_at	0.000205824	3.7	0.1316458	1.4	0.0008397	2.5	0.000419546	3.3	0.6552592	0.9	0.001782839	2.3
226651_at	2.83417E-07	3.7	1.04867E-07	3.2	0.01430519	1.5	2.28241E-07	3.8	0.8703631	1.0	0.007627736	1.5
202948_at	5.0213E-06	3.7	0.000591065	2.5	0.00161506	1.8	6.44699E-06	3.6	0.7840539	1.0	0.002416106	1.7
209457_at	6.04E-10	3.7	4.62E-09	3.5	0.4301012	1.1	8.77E-11	4.8	0.06415488	1.3	0.01363982	1.4
238961_s_at	0.000534533	3.7	0.862105	0.9	0.001852598	3.5	0.002089518	3.0	0.128716	0.8	0.0064054	2.8
235422_at	8.37E-08	3.7	0.03602989	1.5	1.70727E-06	2.7	1.01927E-05	2.5	0.01747561	0.7	0.000449001	1.8
225922_at	7.89E-08	3.7	8.67769E-07	2.8	1.93799E-06	1.5	8.62E-08	4.1	0.1150562	1.1	3.18E-08	1.7
201328_at	1.43511E-07	3.7	3.03041E-07	5.9	3.17249E-07	1.7	5.21E-10	8.5	2.82E-10	2.3	5.41447E-05	1.4
224657_at	2.7832E-07	3.7	2.89039E-07	2.5	0.04400928	1.3	3.38066E-07	3.4	0.6267685	0.9	0.06156326	1.3
208864_s_at	3.42E-11	3.7	3.46E-09	3.5	0.2616725	1.1	4.17E-13	5.4	0.00037311	1.5	0.000123071	1.7
244035_at	4.88965E-06	3.7	0.007800878	2.1	0.000631266	1.7	1.40829E-06	4.2	0.2934563	1.2	8.36837E-05	1.9
219904_at	7.93074E-07	3.7	0.5434676	1.1	2.72991E-06	3.3	2.19972E-05	3.7	0.9398912	1.0	5.26925E-05	3.4
218292_s_at	4.45E-08	3.6	0.9006853	1.0	5.53E-09	4.6	8.71709E-07	2.4	5.54679E-05	0.7	2.71E-08	3.0
213005_s_at	0.000734867	3.6	7.55179E-06	7.1	0.00397929	1.6	2.03866E-05	7.2	0.000135524	2.0	0.06448559	1.2
209833_at	3.82E-08	3.6	0.000381565	2.0	0.002636809	1.8	2.19338E-07	3.4	0.6139469	0.9	0.00919967	1.6
239554_at	0.000921708	3.6	0.01480599	1.9	0.0248687	1.4	0.000233845	4.6	0.1427943	1.3	0.000162413	1.8
244322_at	1.30955E-05	3.6	0.000678759	4.8	0.05405096	1.3	7.06688E-07	5.2	0.02560984	1.4	0.000330113	1.9
235737_at	0.003341261	3.6	1.40E-09	30.8	1.47915E-06	9.1	2.52E-08	37.6	6.36862E-07	10.4	0.5843234	1.1

Figure 24-8

213246_at	8.69E-11	3.6	0.06452727	1.4	2.87005E-06	3.0	1.31E-10	4.1	0.2656409	1.1	7.39786E-07	3.4
211323_s_at	0.000125941	3.6	0.2682084	1.6	0.000755664	3.0	0.000304953	3.0	0.539955	0.8	0.002140236	2.5
238542_at	0.000368509	3.6	0.000666441	2.7	0.5607113	1.1	5.77919E-05	4.6	0.2505122	1.3	0.09824812	1.5
227368_at	5.18957E-07	3.6	0.2748662	1.2	4.58765E-06	2.9	5.60E-08	3.4	0.7311523	0.9	2.234E-07	2.7
227445_x_at	1.91019E-05	3.6	0.7190891	1.1	2.69981E-05	3.7	0.000206078	2.8	0.3217707	0.8	0.000277135	2.8
234748_x_at	4.45E-08	3.6	0.6051476	1.1	2.64E-09	4.2	8.52914E-07	2.5	3.34997E-05	0.7	2.21E-08	2.9
233251_s_at	3.30083E-07	3.6	0.003657973	1.7	0.00027636	2.1	1.56E-08	4.4	0.26535	1.2	8.50443E-06	2.6
208581_x_at	1.25084E-06	3.6	0.6043409	1.1	1.02386E-06	4.0	2.99909E-05	3.0	0.2581486	0.8	1.51843E-05	3.3
223195_s_at	1.14127E-07	3.6	0.000150867	2.0	0.009796454	1.6	5.96086E-07	4.5	0.2365026	1.3	0.001631678	2.0
1569362_at	0.003239283	3.6	0.00035449	2.3	0.5796008	1.1	0.000535278	5.0	0.05778494	1.4	0.1617549	1.3
203477_at	1.37E-09	3.6	0.09344374	0.7	2.03817E-07	5.5	8.50376E-07	2.7	0.04970478	0.7	2.21791E-06	4.1
228587_at	0.000391617	3.5	0.1592859	0.6	1.90977E-05	5.4	0.007935431	2.4	0.05989365	0.7	0.000311672	3.7
159507_at	5.12539E-05	3.5	0.4357612	1.2	0.000415483	2.2	1.09913E-05	4.4	0.1524635	1.2	1.44327E-05	2.7
201436_at	1.54031E-06	3.5	3.71059E-06	3.2	0.0464444	1.3	2.49954E-07	4.3	0.1315946	1.2	0.002680137	1.6
223027_at	8.6643E-07	3.5	1.98248E-06	2.8	3.32573E-06	1.6	7.26848E-07	3.8	0.2467567	1.1	4.05412E-07	1.7
238893_at	1.30E-08	3.5	4.45E-10	6.0	2.12277E-06	2.0	2.13E-11	9.4	3.55762E-06	2.7	0.05383201	1.3
218793_s_at	1.3106E-07	3.5	2.50816E-06	2.6	0.05513217	1.4	1.61E-08	4.2	0.1499251	1.2	0.002690288	1.6
203710_at	0.000166391	3.5	0.293565	1.4	0.000652692	3.1	9.62524E-05	3.2	0.7908509	0.9	0.000488781	2.8
219496_at	0.001095107	3.5	0.7078067	0.9	0.000615142	3.8	4.04851E-05	3.5	0.9893101	1.0	1.87416E-05	3.9
202345_s_at	5.84481E-05	3.5	0.1935122	1.3	3.12458E-06	3.4	0.00990757	1.9	0.004142541	0.5	0.00031273	1.8
213638_at	2.49282E-06	3.5	0.004259125	2.0	1.51934E-05	1.9	7.05558E-06	3.3	0.5051007	0.9	2.88654E-05	1.8
211456_x_at	1.21486E-07	3.5	0.3831711	1.2	1.44484E-06	3.3	7.04E-08	3.2	0.6338792	0.9	2.16536E-06	3.1
227151_at	5.60E-08	3.5	0.8240721	1.1	4.88002E-05	2.3	1.38273E-07	3.3	0.7675044	1.0	0.000102057	2.2
206461_x_at	6.90781E-07	3.5	0.7157339	1.1	1.15082E-07	3.8	3.53579E-05	2.8	0.2380858	0.8	9.37744E-06	3.1
204744_s_at	9.01477E-06	3.5	0.06603973	1.6	0.000107944	2.7	1.98743E-05	3.2	0.617974	0.9	0.000259181	2.5
203145_at	8.49E-08	3.5	0.001120819	1.9	0.000906596	1.6	2.19E-08	3.9	0.2806908	1.1	0.000198746	1.8
1556754_at	3.90403E-06	3.4	0.5793065	0.9	1.22167E-05	3.7	3.02485E-05	3.0	0.4952717	0.9	5.70213E-05	3.3
240655_at	0.002882785	3.4	0.000969505	2.8	0.6337614	1.1	0.000686959	4.3	0.3626193	1.2	0.6479129	1.1
1556321_a_at	1.43504E-07	3.4	0.01555307	1.7	1.38922E-05	2.1	2.57709E-06	3.0	0.2782521	0.9	0.000759181	1.8
213355_at	1.93E-09	3.4	0.01864706	1.5	1.39221E-06	2.4	8.63E-10	4.0	0.0645358	1.2	2.90865E-07	2.8
210942_s_at	1.76E-11	3.4	0.005735114	1.5	1.70941E-06	2.3	3.33E-13	4.2	0.03061695	1.2	7.88E-08	2.8
242931_at	4.22E-08	3.4	0.1563417	0.8	5.26022E-07	4.7	9.50388E-07	2.5	0.000611885	0.7	3.7648E-06	3.4
225582_at	1.48E-08	3.4	0.2326391	0.8	2.96E-10	4.8	1.74575E-05	2.0	3.41554E-05	0.6	5.32E-08	2.9
226497_s_at	2.33941E-05	3.4	1.20257E-05	9.4	0.000445671	2.3	1.08219E-07	7.1	3.34629E-05	2.1	0.5352768	0.9
204036_at	0.001735043	3.4	0.3060385	1.5	0.009607802	2.3	0.03015621	2.5	0.3628887	0.7	0.1562248	1.7
244447_at	6.55122E-05	3.4	0.000422046	1.8	0.04166256	1.6	1.04972E-06	4.8	0.2016784	1.4	0.000742708	2.3

Figure 24-9

219526_at	0.000132915	3.4	0.1541757	1.4	9.55039E-06	2.9	0.000186939	3.3	0.7408227	1.0	1.66159E-05	2.8
228231_at	8.36487E-05	3.4	0.4325585	1.2	0.000179404	2.6	0.000533846	2.9	0.4000011	0.8	0.002141109	2.2
203044_at	9.38092E-07	3.4	0.1725336	0.7	1.12819E-07	4.2	0.000595273	1.9	4.47282E-05	0.6	3.36579E-05	2.4
215253_s_at	6.04875E-06	3.4	0.001810918	2.0	0.003517052	1.8	5.5979E-06	4.1	0.3860234	1.2	0.001676528	2.1
1560019_at	0.001955849	3.4	1.68698E-05	12.3	5.90038E-05	2.3	1.41096E-05	8.5	2.3112E-05	2.5	0.5933017	1.1
213035_at	1.79544E-06	3.4	0.06547878	1.4	4.63682E-07	2.5	2.10424E-06	3.5	0.8325538	1.0	1.38934E-07	2.5
244701_at	9.12E-08	3.4	0.01500853	1.4	1.22953E-07	2.7	1.16755E-07	3.4	0.9844242	1.0	1.92494E-07	2.7
226499_at	2.4304E-06	3.4	0.09018995	1.3	7.40004E-06	2.3	7.47951E-06	3.1	0.6238594	0.9	6.55551E-05	2.1
224466_s_at	0.000209138	3.4	0.001816869	3.8	0.8360276	1.0	1.61997E-05	4.8	0.02601366	1.4	0.01961008	1.5
1568752_s_at	0.000221395	3.4	0.2319926	1.6	0.000947933	2.5	0.2430276	1.9	0.2448788	0.6	0.5344809	1.4
32128_at	0.000244496	3.4	2.4115E-07	4.2	0.02632941	1.7	2.88818E-07	7.3	0.001875096	2.2	0.1958341	1.3
204286_s_at	1.75E-08	3.3	1.48E-12	19.6	2.98E-11	7.9	3.16E-13	17.5	2.35E-09	5.2	0.02226985	0.7
1563445_x_at	6.68522E-07	3.3	0.005393167	1.8	0.000119112	2.2	2.44409E-06	3.1	0.7222619	0.9	0.000364588	2.1
212978_at	6.40204E-07	3.3	0.000567685	2.2	0.002328219	1.8	1.81E-08	3.0	0.5425077	0.9	0.001502528	1.6
235008_at	0.001450112	3.3	0.3499934	1.5	0.01833122	2.2	0.000627017	3.6	0.8200105	1.1	0.008093811	2.3
1552258_at	1.99712E-05	3.3	0.005772111	1.9	0.01014729	1.8	5.29936E-06	4.5	0.1942949	1.3	0.001273987	2.4
242448_at	2.14857E-05	3.3	0.06062224	0.6	4.86852E-06	4.3	0.000171739	2.3	0.07254872	0.7	4.99927E-05	2.9
241462_at	0.000360166	3.3	0.000240447	4.7	7.06458E-05	2.5	3.18828E-07	9.6	1.43079E-05	2.9	0.3361252	1.2
216609_at	5.54E-08	3.3	5.80926E-06	2.9	0.1964007	1.2	7.13E-09	4.6	0.003642029	1.4	0.001936314	1.7
206170_at	0.000307828	3.3	1.58E-09	6.2	0.007970787	1.9	1.15574E-07	9.0	0.000191328	2.7	0.0539419	1.4
1552711_a_at	8.9242E-07	3.3	3.19E-08	6.8	4.34777E-06	2.1	2.93E-10	8.1	5.63455E-07	2.4	0.2114793	1.2
201468_s_at	1.99557E-05	3.3	0.02975877	1.9	0.1781179	1.5	1.45078E-05	3.4	0.857094	1.0	0.1357228	1.5
209921_at	0.000468484	3.3	0.004235459	2.4	0.006594935	1.8	0.000465121	3.3	0.9902042	1.0	0.007112857	1.8
242037_at	0.000148197	3.3	0.1566256	1.3	7.5125E-05	2.4	0.000449974	2.8	0.3185638	0.9	9.21472E-05	2.1
1556134_a_at	1.77E-08	3.3	4.78393E-07	4.0	0.5524312	1.1	5.99E-10	4.6	0.003389782	1.4	0.000244638	1.5
217678_at	0.000432746	3.3	0.002200639	2.5	0.01549183	1.7	0.000878554	3.0	0.6054361	0.9	0.04231941	1.5
227210_at	7.91832E-06	3.3	2.12E-08	5.9	0.000105501	1.7	8.32E-08	5.8	5.22399E-05	1.8	0.6242909	1.1
1569203_at	0.000810951	3.3	9.42817E-07	9.0	0.004743662	2.8	1.83E-09	11.2	0.000349934	3.4	0.4269043	1.2
235359_at	4.65E-08	3.3	0.0009372	0.5	1.49E-09	6.3	1.64389E-05	2.2	0.01798828	0.7	8.04E-08	4.3
202340_x_at	6.19934E-07	3.3	0.005971093	2.0	0.9108273	1.0	6.10E-08	4.0	0.07845566	1.2	0.142469	1.2
226181_at	3.65349E-06	3.3	0.002995656	2.5	0.04547327	1.6	7.05187E-07	3.5	0.6758148	1.1	0.0175347	1.7
212855_at	0.000498217	3.2	0.05619232	0.6	4.55044E-05	4.1	0.01005612	2.2	0.004802181	0.7	0.000965577	2.7
224496_s_at	0.001426073	3.2	3.31997E-06	8.8	2.5003E-07	2.9	2.5279E-06	10.6	4.11E-08	3.3	0.3446024	1.1
203394_s_at	9.67862E-07	3.2	7.76019E-05	4.7	0.232983	1.2	2.66309E-07	4.2	0.2040746	1.3	0.7670513	1.1
205463_s_at	0.0002913	3.2	0.1542002	0.7	9.0494E-05	4.2	0.000810845	2.4	0.3009413	0.7	0.000306494	3.1
212500_at	1.11176E-07	3.2	0.8166627	1.0	5.07935E-06	3.5	7.22362E-05	2.0	0.003323547	0.6	0.00069124	2.2

Figure 24-10

1553785_at	1.43E-08	3.2	3.1714E-05	2.3	0.01646674	1.4	5.21E-09	4.8	0.01619556	1.5	0.000139366	2.1
226663_at	2.90095E-05	3.2	0.5977988	1.1	0.000141872	3.0	0.000196367	2.8	0.6075271	0.9	0.000757878	2.6
201810_s_at	1.81E-08	3.2	0.5913966	1.1	1.64272E-07	3.0	1.57668E-07	2.6	0.09654699	0.8	2.26024E-06	2.4
216336_x_at	1.2738E-06	3.2	0.00016058	1.6	0.00010325	2.2	9.47971E-07	3.1	0.8266824	1.0	8.79206E-05	2.1
1553042_a_at	2.16563E-05	3.2	4.25E-09	4.4	0.4597963	1.2	3.53124E-07	5.8	0.02434407	1.8	0.05282086	1.6
226025_at	1.57044E-06	3.2	0.07735003	1.4	2.12535E-07	2.7	2.84817E-06	3.2	0.8051157	1.0	4.75549E-07	2.7
214438_at	4.41484E-06	3.2	0.006393167	1.8	0.05022972	1.4	9.62276E-05	2.2	0.03437446	0.7	0.7023049	1.0
226397_s_at	3.34334E-05	3.2	0.001132991	2.3	0.005724631	1.4	1.23572E-05	3.7	0.003386077	1.2	0.000243227	1.6
231972_at	2.42367E-06	3.2	0.01608362	2.3	0.01225034	1.5	1.39816E-06	3.8	0.3857048	1.2	0.003188359	1.8
227985_at	0.002848232	3.2	7.39E-08	20.7	1.09E-08	5.8	1.34841E-07	22.7	5.19E-09	7.1	0.3347127	1.2
1560396_at	3.2649E-06	3.2	0.7861067	1.1	2.73E-08	2.9	3.3737E-05	2.7	0.2508669	0.8	4.08155E-06	2.5
204614_at	0.000867339	3.2	4.02849E-05	4.8	0.000123514	1.6	6.4877E-05	5.0	5.64131E-05	1.6	0.8416348	1.0
238825_at	5.56631E-07	3.2	0.001950269	2.5	0.01084364	1.4	3.38E-08	4.2	0.01143914	1.3	7.85563E-05	1.9
201660_at	8.6176E-07	3.2	0.1128693	1.2	4.12333E-06	2.6	1.80998E-07	2.7	0.2422243	0.8	1.2905E-06	2.2
201464_x_at	3.49E-09	3.2	1.33957E-05	2.3	0.02142792	1.4	1.63002E-07	4.4	0.06129342	1.4	0.000940942	2.0
236213_at	3.98675E-05	3.2	1.93265E-06	11.7	4.47E-08	3.3	2.06E-08	9.2	2.76584E-07	2.9	0.2743753	0.9
201435_s_at	2.55258E-05	3.2	9.16193E-05	2.9	0.00524393	1.3	1.25786E-05	3.3	0.3903975	1.1	0.000317757	1.4
1553470_at	1.97013E-05	3.2	0.000730418	2.3	0.003292769	1.9	2.88928E-05	3.4	0.7469747	1.1	0.003481201	2.0
221035_s_at	0.00714389	3.2	2.5016E-06	13.4	0.003918365	3.1	1.23641E-07	15.2	0.000199868	4.8	0.09752431	1.6
216908_x_at	4.56903E-07	3.2	0.000755021	2.0	0.000168298	2.1	6.14682E-07	4.0	0.2373092	1.3	2.85211E-05	2.7
218311_at	4.54002E-07	3.2	0.8248545	1.0	1.70E-09	3.7	2.39466E-05	2.3	0.01611504	0.7	2.04072E-07	2.7
242329_at	1.1829E-05	3.2	1.16565E-06	3.7	0.5676876	1.1	7.25826E-07	4.1	0.07666072	1.3	0.004202998	1.4
235711_at	4.70388E-07	3.1	1.43944E-07	2.7	0.1594227	1.2	9.69E-08	3.5	0.4589855	1.1	0.03019509	1.4
203068_at	2.33E-08	3.1	0.003878136	1.9	0.009261679	1.6	2.31E-10	6.6	6.39864E-05	2.1	2.48964E-06	3.5
205193_at	6.54921E-05	3.1	7.86535E-07	4.4	0.009232242	1.6	3.73E-08	7.6	0.000105925	2.4	0.01627011	1.5
222874_s_at	1.72449E-05	3.1	0.2664967	0.8	1.76837E-07	5.0	0.000871625	2.4	0.2633425	0.8	1.0555E-05	3.9
219821_s_at	5.24543E-06	3.1	0.9273806	1.0	1.94741E-05	3.0	8.09573E-05	2.5	0.08534997	0.8	0.000262314	2.4
200924_s_at	3.93861E-07	3.1	0.00010205	1.8	2.37983E-05	1.8	1.15455E-07	3.4	0.3722341	1.1	9.19353E-06	1.9
210151_s_at	0.001256936	3.1	0.001380049	2.1	0.4194941	1.1	1.05213E-05	6.8	0.000114863	2.2	0.000231898	1.9
1554660_a_at	5.85614E-05	3.1	0.3211886	0.8	0.000972158	2.7	0.000856261	2.3	0.01784644	0.7	0.009859443	2.0
222957_at	0.003107324	3.1	0.000907156	3.4	0.9083599	1.0	0.001079078	3.7	0.2588387	1.2	0.4151254	1.2
235094_at	4.09424E-06	3.1	0.000934998	1.7	0.0953817	1.3	6.67E-08	3.7	0.3587197	1.2	0.003807521	1.6
208038_at	1.05217E-05	3.1	0.05903972	1.8	0.000423146	2.3	0.000290446	2.3	0.03364517	0.7	0.01253905	1.7
212803_at	6.08393E-05	3.1	0.02884658	1.7	0.00015305	2.0	0.000494899	2.5	0.02621943	0.8	0.003703465	1.6
230101_at	3.62743E-05	3.1	1.47287E-06	4.8	0.000491458	2.3	3.39E-08	6.6	0.000352702	2.1	0.6475936	0.9
242727_at	2.11669E-06	3.1	7.13E-09	12.3	1.10E-08	4.6	1.27E-10	13.0	8.96633E-07	4.2	0.5648257	0.9

Figure 24-11

216236_s_at	1.15E-08	3.1	0.000306182	2.7	0.03335294	1.3	4.97E-09	3.4	0.4864321	1.1	0.005838772	1.4
232629_at	0.004712839	3.1	0.903254	1.1	0.003513001	2.6	0.003290392	3.2	0.8697867	1.0	0.002070766	2.7
231312_at	1.96117E-05	3.1	2.22806E-05	3.8	0.09271882	1.3	2.51262E-07	5.2	0.000593677	1.7	0.05355011	1.3
227034_at	0.001857312	3.1	0.3512619	1.3	0.000616395	3.7	2.28288E-05	3.0	0.9567785	1.0	4.63174E-06	3.6
221502_at	1.16E-08	3.1	0.6937631	1.1	2.49146E-07	2.8	2.16561E-06	2.2	0.003269468	0.7	4.21665E-05	2.0
239835_at	3.09869E-07	3.1	0.06086604	1.4	0.000206506	1.9	1.64996E-06	2.7	0.2951118	0.9	0.003876868	1.6
215561_s_at	8.10837E-06	3.1	0.002747946	1.8	0.00053816	1.8	3.22922E-05	2.9	0.6941453	0.9	0.003654842	1.7
219159_s_at	7.14331E-06	3.1	2.43E-08	6.5	0.000418764	1.9	1.45E-08	6.0	0.000830251	1.9	0.8261982	1.0
234306_s_at	4.688E-06	3.1	8.44E-08	6.5	0.000268924	1.8	6.28E-08	5.4	0.004471739	1.8	0.8567275	1.0
206532_at	2.48482E-05	3.1	0.02051569	1.6	2.62331E-05	2.7	1.48765E-05	3.0	0.8407638	1.0	6.05291E-06	2.6
213825_at	6.36278E-06	3.1	2.44918E-07	0.2	2.51E-11	21.2	0.149175	1.4	0.000595652	0.4	9.36E-09	9.3
210524_x_at	8.15529E-06	3.1	0.2301733	0.8	5.5197E-07	4.5	0.001465895	2.2	0.1264619	0.7	5.32071E-05	3.2
232148_at	5.25E-08	3.1	0.000151475	2.2	0.09424694	1.3	2.08E-09	6.6	0.000166109	2.1	1.43192E-05	2.9
1561890_at	1.27433E-06	3.1	0.06601579	0.8	6.27E-08	4.4	2.65399E-05	2.3	0.1083746	0.7	1.16724E-06	3.3
210665_at	0.000294617	3.1	0.003823938	2.4	0.5298805	1.1	5.79918E-05	3.8	0.3379458	1.3	0.1095364	1.4
217998_at	5.78874E-07	3.1	0.001163258	2.1	0.001261406	1.6	4.17054E-07	3.1	0.7966048	1.0	0.001489873	1.6
217911_s_at	1.63E-08	3.0	0.06712304	1.4	1.90701E-06	2.3	3.01E-08	3.0	0.7383348	1.0	3.68773E-06	2.2
212185_x_at	5.57412E-07	3.0	0.02799004	1.4	3.05244E-07	2.4	1.77076E-06	2.8	0.5508711	0.9	3.71409E-06	2.2
225589_at	6.33839E-06	3.0	0.352116	1.2	1.26957E-06	2.7	0.0010057	2.0	0.00842241	0.7	0.001205576	1.8
214183_s_at	0.000117087	3.0	0.05914976	1.8	0.000239328	2.0	0.000410288	2.7	0.4022377	0.9	0.001759892	1.7
1.06598E-05	0.000117087	3.0	0.0715671	1.5	0.005090024	1.8	0.001836715	2.2	0.1176833	0.7	0.2482158	1.3
2.89819E-06	1.20E-08	3.0	0.002931705	1.8	0.04876093	1.4	2.31454E-06	3.6	0.3204463	1.2	0.01175461	1.7
220483_s_at	0.000333391	3.0	0.534851	1.1	3.4011E-07	2.8	1.84408E-07	2.4	0.03490607	0.8	9.50976E-06	2.2
207016_s_at	0.000176648	3.0	0.8045533	0.9	1.74378E-05	3.0	0.09936191	1.5	0.001246631	0.5	0.04329433	1.5
216056_at	8.33E-10	3.0	0.000982853	6.4	0.1712891	1.4	7.13724E-07	5.4	0.03635109	1.8	0.3511011	1.3
201044_x_at	2.62197E-05	3.0	0.000408294	5.4	0.11678	1.2	8.77E-08	6.3	0.000619701	2.1	0.004727703	1.8
230511_at	9.9083E-06	3.0	4.99884E-05	2.7	0.9652999	1.0	4.06914E-06	3.3	0.6229619	1.1	0.5548835	1.1
200841_s_at	5.25603E-05	3.0	0.0522664	1.9	0.001168256	2.1	0.000336009	2.4	0.3369122	0.8	0.01949045	1.7
209098_s_at	0.000121615	3.0	2.66411E-05	4.4	0.01589273	1.3	1.49846E-06	4.8	0.000240895	1.6	0.07305508	1.2
227260_at	0.000388002	3.0	0.1726232	1.5	0.001148779	2.5	2.63757E-05	3.1	0.9414526	1.0	0.000388445	2.5
218451_at	0.003405601	3.0	0.7498124	1.1	0.000375412	2.4	0.2363948	1.5	0.03798192	0.5	0.5764869	1.2
206267_s_at	4.91471E-07	3.0	0.5277197	1.2	0.009185056	2.7	0.001771115	2.6	0.6928052	0.9	0.007087144	2.4
202498_s_at	5.72014E-06	3.0	3.9686E-05	2.5	0.01523052	1.4	7.45E-08	3.2	0.6073116	1.1	0.000761259	1.5
239794_at	2.05865E-06	3.0	0.1841919	1.3	0.002801535	2.0	3.58456E-05	3.8	0.3418919	1.3	0.001597656	2.5
201325_s_at	2.03051E-06	3.0	0.8421822	1.0	2.16277E-06	3.1	0.000197945	2.2	0.05326101	0.7	0.000154929	2.3
208693_s_at		3.0	0.00520523	1.7	0.000461449	2.1	1.12908E-06	3.0	0.9949409	1.0	0.00029368	2.1

Figure 24-12

201690_s_at	0.009650002	3.0	5.48638E-05	8.7	1.68941E-05	5.9	7.45419E-07	14.6	4.18414E-05	4.9	0.4429233	0.8
212657_s_at	0.000367528	3.0	4.96205E-05	3.2	0.3957933	1.1	0.000222244	3.2	0.395771	1.1	0.9022422	1.0
236232_at	3.91E-08	3.0	0.9531779	1.0	7.70012E-06	2.4	3.06048E-07	2.5	0.04383853	0.8	6.50005E-05	2.0
223441_at	0.000169498	3.0	0.05709349	0.6	3.87075E-06	5.0	0.06763567	1.6	0.01009081	0.5	0.000963493	2.6
225612_s_at	7.80E-08	3.0	5.43562E-05	1.9	1.30126E-05	1.5	5.17E-08	3.0	0.8291936	1.0	2.3649E-05	1.5
232431_at	0.005618802	2.9	0.03986166	1.6	0.9982377	1.0	0.000156357	5.7	0.03473312	2.0	0.03394255	1.9
221893_s_at	6.95333E-07	2.9	0.02136052	0.6	2.37084E-07	4.5	1.16378E-05	2.5	0.2457659	0.8	1.48737E-06	3.7
216268_s_at	2.84085E-05	2.9	0.000161285	3.7	0.03073406	1.3	1.56577E-06	4.2	0.003920432	1.4	0.4430377	1.1
231183_s_at	0.000364359	2.9	0.000213579	3.1	0.3413396	1.2	1.2959E-05	4.5	0.01046924	1.5	0.1285847	1.3
202393_s_at	3.34E-09	2.9	1.88119E-05	1.9	0.000842013	1.5	1.52E-08	3.4	0.2609851	1.2	0.000287942	1.7
221011_s_at	2.19381E-06	2.9	0.009337689	1.4	0.000517644	1.8	7.15064E-07	2.9	0.8981401	1.0	8.6857E-05	1.8
203810_at	1.30007E-06	2.9	4.33E-09	6.2	1.75341E-05	2.4	3.83E-11	6.1	9.56375E-05	2.1	0.2867276	0.9
1555275_a_at	1.68E-10	2.9	0.3475758	1.1	2.25E-12	2.7	3.1959E-07	2.3	0.01829322	0.8	6.91278E-07	2.1
204285_s_at	1.17E-08	2.9	3.21E-11	16.1	1.45E-13	6.0	4.51E-14	11.3	6.25E-10	3.9	0.001202086	0.7
226066_at	0.000140049	2.9	0.006309107	2.1	0.01929516	1.6	0.000655144	2.4	0.2448445	0.8	0.1127088	1.3
201437_s_at	4.9298E-06	2.9	0.000303969	2.6	0.1963342	1.1	4.4107E-06	2.8	0.789396	1.0	0.3621927	1.1
214508_x_at	2.08543E-05	2.9	7.74756E-06	2.8	0.6184379	1.1	3.09783E-05	2.7	0.7310559	0.9	0.8727134	1.0
225436_at	0.000688619	2.9	0.1612988	1.5	0.000819961	2.4	0.0775067	1.7	0.02011233	0.6	0.1933088	1.4
218310_at	7.21E-09	2.9	0.000011763	1.9	2.5968E-07	1.7	2.80E-09	3.1	0.3864728	1.1	1.48177E-07	1.8
238568_s_at	1.7565E-07	2.9	0.5074571	0.8	0.000772112	3.6	1.97161E-05	2.5	0.4101599	0.9	0.001921069	3.1
223278_at	0.01945223	2.9	3.77201E-05	14.0	9.87166E-06	5.1	1.56518E-05	12.7	2.34491E-05	4.4	0.4545946	0.9
211434_s_at	3.11E-10	2.9	1.97E-14	4.7	1.91632E-06	1.6	8.50E-14	5.5	2.24E-09	1.9	0.01098936	1.2
202923_s_at	0.000133359	2.9	0.5626672	0.9	5.83261E-05	3.7	0.005374973	2.0	0.1601602	0.7	0.001782954	2.5
214446_at	5.65251E-06	2.9	4.06333E-06	4.4	0.001331675	1.4	1.86078E-07	4.2	0.001556495	1.5	0.8530778	1.0
226837_at	2.58908E-05	2.9	0.000513557	2.0	0.03221049	1.5	3.23781E-05	2.6	0.6338658	0.9	0.0580065	1.4
207332_s_at	1.02267E-06	2.9	2.36E-09	3.2	0.5596242	1.1	3.15E-09	4.2	0.0160787	1.5	0.001065203	1.6
226833_at	1.68067E-05	2.9	3.82E-11	6.2	1.58957E-05	2.1	3.74E-09	7.2	1.44173E-06	2.5	0.1687345	1.2
223533_at	0.000114944	2.9	4.32675E-06	4.1	0.2419217	1.3	2.48203E-06	4.5	0.03201931	1.6	0.2650434	1.3
214212_x_at	0.000417068	2.8	0.04618627	1.9	0.1061173	1.4	5.42335E-05	3.7	0.1340906	1.3	0.01090977	1.8
208691_at	1.01303E-07	2.8	8.57043E-06	2.6	0.4046326	1.1	3.83E-10	3.8	0.03806179	1.3	0.003737652	1.5
202912_at	3.90E-09	2.8	1.88E-11	3.9	0.002809562	1.4	6.51E-12	4.0	0.003162776	1.4	0.9525401	1.0
202497_x_at	6.61E-08	2.8	1.25522E-06	2.4	0.08701666	1.2	3.07E-08	3.1	0.444802	1.1	0.01888643	1.3
216370_s_at	1.04397E-05	2.8	0.01685671	1.8	0.003407288	1.9	0.000525524	2.1	0.05033739	0.7	0.1045127	1.4
209924_at	0.005089056	2.8	2.66E-08	4.3	0.01008188	2.0	1.32497E-05	6.2	0.004873908	2.2	0.5439291	1.1
220009_at	4.10E-09	2.8	0.1644132	0.8	3.78E-09	4.2	4.30089E-07	2.1	0.004590606	0.7	1.57678E-07	3.1
206522_at	0.000112331	2.8	2.53929E-05	3.3	0.6800082	1.1	4.86296E-05	3.0	0.5627129	1.1	0.2116847	1.1

Figure 24-13

213281_at	6.90881E-07	2.8	0.02703382	1.5	0.009853835	1.6	6.11332E-05	3.1	0.6381662	1.1	0.01478768	1.8
39248_at	0.000150984	2.8	0.8291027	1.0	0.001555441	1.9	0.000767177	2.4	0.4552951	0.9	0.01078288	1.6
244600_at	0.01585899	2.8	0.001986866	5.3	0.4863459	1.3	4.31436E-05	8.2	0.003015238	2.9	0.01960954	2.3
217507_at	6.21302E-06	2.8	0.09232016	1.3	2.75536E-05	2.4	0.000151949	2.2	0.08878811	0.8	0.000844506	1.9
22735_at	1.43211E-07	2.8	0.02034492	1.5	1.17752E-05	1.9	5.32E-08	3.0	0.4981659	1.1	8.25077E-07	2.0
228559_at	3.9054E-05	2.8	0.980361	1.0	6.01467E-05	2.6	6.84789E-05	1.7	0.0118054	0.6	0.001434019	1.6
223723_at	1.27259E-06	2.8	0.5573537	1.1	5.60963E-06	2.6	2.69666E-05	2.1	0.03334086	0.8	0.000136513	2.0
1584746_at	8.23318E-05	2.8	5.42235E-06	3.1	0.8886398	1.0	8.68355E-07	4.8	0.00016643	1.7	6.01117E-05	1.7
242853_at	0.002409865	2.8	0.005981047	2.2	0.9364036	1.0	0.000154758	4.2	0.1570328	1.5	0.183885	1.5
227124_at	5.48E-09	2.8	0.05317407	0.8	1.34E-08	3.4	1.49E-08	2.0	0.002882636	0.7	1.40279E-06	2.4
224454_at	0.003639126	2.8	3.69048E-05	2.2	0.08030876	1.3	0.00017473	4.5	0.003448228	1.6	0.09373232	1.2
1558837_a_at	5.68219E-05	2.8	0.002256594	1.5	0.02032234	1.6	1.92518E-05	3.5	0.3420644	1.3	0.003123461	2.0
208303_s_at	0.004946312	2.8	0.001783104	3.8	0.4860792	1.2	0.005709901	2.7	0.9069704	1.0	0.3972259	0.8
234411_x_at	0.000427642	2.8	0.02791201	2.8	0.1435953	1.5	7.81162E-05	3.6	0.3342807	1.3	0.6889503	0.9
207978_s_at	7.94021E-06	2.8	0.000102256	5.4	2.51599E-05	2.1	4.55E-09	5.7	0.00021242	2.1	0.8955933	1.0
44120_at	5.78633E-06	2.8	0.004015159	0.6	1.89E-08	3.7	0.000733067	1.9	0.01322405	0.7	4.57653E-07	2.5
218266_s_at	0.02198377	2.8	0.04094246	2.5	0.02641882	1.6	0.07497268	2.1	0.1853473	0.8	0.2422053	1.2
232579_at	4.41292E-07	2.8	6.69E-09	5.4	0.000350753	1.9	1.24E-11	8.7	1.0993E-07	3.2	0.008219188	1.6
206566_at	0.000123969	2.8	0.001087427	1.9	0.02902321	1.4	0.000235855	3.0	0.6697624	1.1	0.03762	1.6
207768_at	0.008890317	2.8	4.2922E-05	4.1	0.000115502	3.0	1.54166E-05	8.0	0.000142637	2.9	0.9056572	1.0
231925_at	4.85188E-05	2.7	8.8579E-05	3.0	0.841152	1.0	4.14064E-06	3.5	0.09641013	1.3	0.102341	1.3
209286_at	8.83113E-06	2.7	0.09712735	1.3	0.000105371	2.3	2.95419E-06	3.0	0.5539275	1.1	3.02424E-05	2.5
226390_at	5.7453E-06	2.7	7.86E-10	4.6	0.004294155	1.7	3.30E-10	4.0	0.02598265	1.5	0.2509688	0.9
203269_at	1.03E-09	2.7	5.07605E-07	2.4	0.04749695	1.1	3.17E-11	3.3	0.006318911	1.2	0.000203621	1.4
231292_at	1.07313E-05	2.7	0.001254464	2.2	0.09783152	1.4	9.80E-08	3.7	0.09894019	1.4	0.001778825	1.9
219031_s_at	1.48022E-07	2.7	0.000738134	1.6	2.1011E-05	2.0	1.05906E-06	2.5	0.4539849	0.9	0.000157016	1.8
202087_s_at	1.97E-08	2.7	0.000370979	1.6	9.72411E-07	1.9	1.07E-08	2.8	0.8747897	1.0	9.46521E-07	1.9
216598_s_at	4.99355E-05	2.7	0.005254833	2.2	0.4787443	1.2	0.000327694	2.4	0.5208515	0.9	0.8991403	1.0
211924_s_at	1.81E-09	2.7	6.72E-09	4.7	2.41523E-06	1.9	5.72E-13	4.8	3.3495E-06	1.8	0.4562497	0.9
238756_at	3.76468E-07	2.7	0.2438077	1.1	9.49E-09	2.4	1.4641E-05	2.2	0.1018556	0.8	1.4623E-05	2.0
223163_s_at	9.98E-08	2.7	0.8282758	1.0	1.24E-08	3.2	2.58E-08	2.3	0.2251036	0.9	9.43E-10	2.8
239818_x_at	0.001515901	2.7	0.1945124	1.9	0.002032183	2.6	0.01898175	2.1	0.3838717	0.8	0.02521304	2.0
209099_x_at	0.000164491	2.7	0.000316124	3.6	0.05225651	1.3	4.74611E-06	4.3	0.000131723	1.6	0.06675419	1.2
215910_s_at	1.0491E-06	2.7	0.009219849	1.7	2.50729E-06	2.3	2.90549E-05	2.3	0.3124646	0.9	0.000113756	2.0
202499_s_at	1.41E-08	2.7	0.007375834	1.6	0.000201796	1.6	7.80E-08	2.6	0.7603822	1.0	0.000930221	1.5
229900_at	1.77169E-05	2.7	0.07687719	1.4	7.77708E-06	2.2	0.000214147	2.3	0.2435311	0.8	0.000375789	1.9

Figure 24-14

1559060_a_at	2.18447E-06	2.7	0.02832688	1.5	7.37046E-06	1.8	7.32463E-07	3.1	0.178461	1.1	3.25987E-07	2.1
1553736_at	0.007883118	2.7	0.002059398	2.5	0.491186	1.1	0.000839711	4.0	0.04131515	1.5	0.2277781	1.3
204794_at	3.81149E-07	2.7	5.07E-09	5.7	1.69E-09	3.1	6.74E-11	5.7	2.88408E-06	2.1	0.000813571	0.7
1555629_at	0.005912879	2.7	0.2922479	0.6	0.00243006	5.5	0.02076124	2.6	0.8900623	1.0	0.000801033	5.2
241215_at	0.000459865	2.7	0.8921995	1.0	1.59823E-05	2.7	0.001688451	2.4	0.5152496	0.9	0.000121104	2.3
222838_at	0.000103782	2.7	3.3123E-07	5.3	0.003105038	1.7	2.42953E-07	4.7	0.003045202	1.7	0.9783667	1.0
236439_at	0.006838531	2.7	0.01238355	1.9	0.06022943	1.6	0.000100737	5.4	0.00476948	2.0	0.4476948	1.2
202284_s_at	1.85E-09	2.7	8.85942E-07	2.2	0.3511784	1.1	2.96E-10	3.2	0.07237999	1.2	0.01218489	1.3
235407_at	7.00994E-05	2.7	0.1605528	1.4	0.005924414	1.7	5.7016E-06	3.3	0.1778174	1.2	0.000200704	2.1
219332_at	9.72592E-06	2.7	0.07852594	1.3	0.004695213	1.7	1.38353E-05	2.5	0.7454875	0.9	0.008019042	1.6
1559585_at	4.51251E-05	2.7	3.79081E-05	2.8	0.3672824	1.2	6.08E-08	4.7	0.002263109	1.8	0.01966336	1.5
218647_s_at	1.06065E-05	2.7	8.42E-09	5.8	1.89353E-06	2.3	1.50E-08	5.2	1.69209E-05	2.0	0.1605021	0.9
20892_s_at	0.008420776	2.7	0.5935019	1.3	0.00068901	2.7	0.04591083	2.0	0.1790157	0.8	0.009112821	2.1
241773_at	0.00017787	2.7	0.00346789	1.7	0.07477637	1.5	4.03781E-06	3.1	0.5172625	1.2	0.005893592	1.7
223397_s_at	1.61258E-05	2.7	0.02292555	1.6	0.01614028	1.5	2.23605E-05	2.6	0.7947816	1.0	0.02265547	1.5
204242_s_at	0.001732938	2.7	0.01819036	1.9	0.8514399	1.0	3.63621E-05	4.5	0.003470744	1.7	0.001388993	1.7
220322_at	0.000169221	2.7	9.32E-11	34.3	1.16E-10	13.9	4.42E-12	23.5	6.68E-09	8.9	0.04289226	0.6
209803_s_at	1.5447E-05	2.7	5.32E-10	4.3	0.001648217	1.8	3.36E-09	4.9	0.002796874	1.9	0.9369262	1.0
202304_at	8.0174E-07	2.6	4.87114E-05	1.6	1.26224E-07	2.0	3.99302E-06	2.4	0.2966022	0.9	4.25108E-06	1.8
227613_at	0.000614914	2.6	0.2192165	1.8	0.003083472	2.1	0.01831404	1.9	0.1237661	0.7	0.1032131	1.5
219232_s_at	1.93744E-05	2.6	1.70356E-06	2.9	0.4546322	1.1	3.11945E-07	3.8	0.04914984	1.5	0.1170079	1.3
201324_at	1.22186E-06	2.6	0.6329601	0.9	1.1557E-06	3.1	0.000570942	1.9	0.03288301	0.7	0.00017228	2.2
221041_s_at	0.000104509	2.6	0.08039773	0.6	1.30378E-06	4.1	0.0835226	1.5	0.01238021	0.6	0.001172943	2.3
202823_at	7.04E-08	2.6	0.001575565	1.8	0.00578609	1.5	1.38969E-07	2.3	0.2063178	0.9	0.05440364	1.3
210162_s_at	8.62125E-05	2.6	1.85736E-06	2.8	0.7809815	1.1	1.09464E-06	4.2	0.04011127	1.6	0.04649387	1.5
214229_at	6.26888E-05	2.6	0.03990782	1.6	0.003728874	1.7	0.000292148	2.4	0.6223802	0.9	0.02106572	1.6
232080_at	1.43499E-06	2.6	6.41249E-07	4.0	0.160263	1.2	1.00E-08	4.1	0.001840159	1.6	0.06659783	1.3
219340_s_at	7.80701E-07	2.6	0.0132063	0.6	1.0435E-07	4.5	0.000631116	1.9	0.06431241	0.7	5.37895E-06	3.3
202241_at	1.31E-08	2.6	0.2845976	1.1	2.13E-08	2.3	3.49273E-07	2.1	0.01125607	0.8	1.44878E-06	1.9
224835_at	1.32604E-07	2.6	0.5637832	0.9	1.98782E-07	2.9	1.05048E-06	2.3	0.2879871	0.9	1.02603E-06	2.6
47553_at	0.000145625	2.6	0.7113886	1.1	3.59655E-05	3.1	0.003031134	2.0	0.1193222	0.8	0.00062078	2.4
221524_s_at	1.00824E-07	2.6	0.4121368	0.9	2.11E-08	3.0	2.95102E-06	2.2	0.1069013	0.8	3.79953E-07	2.6
212614_at	3.31866E-06	2.6	2.3472E-06	2.2	0.3270228	1.1	1.40134E-06	2.6	0.9187046	1.0	0.1961446	1.2
204470_at	0.005689626	2.6	2.97E-09	21.7	5.38442E-07	9.1	1.26651E-07	9.2	0.000238125	3.5	0.000105129	0.4
201266_at	3.54E-08	2.6	0.01164913	1.6	0.000885916	1.8	1.16313E-07	2.5	0.4476593	0.9	0.001768481	1.7
207574_s_at	1.23921E-06	2.6	3.33839E-07	4.6	9.27567E-05	1.9	2.05E-09	4.5	0.000989435	1.7	0.5345804	0.9

Figure 24-15

229452_at	0.000258288	2.6	8.32754E-05	5.1	0.003501747	1.7	2.00718E-06	4.2	0.005266733	1.6	0.7974626	1.0
242550_at	0.005018224	2.6	0.1356497	1.8	0.1708647	1.5	0.001957494	3.0	0.4889883	1.2	0.070899	1.7
1555982_at	2.93515E-05	2.6	0.09687654	1.5	0.001332826	2.3	2.52004E-05	2.6	0.9073974	1.0	0.001096484	2.3
230233_at	1.61E-09	2.6	5.33765E-05	1.9	0.006902912	1.3	6.09E-09	2.6	0.9579967	1.0	0.01312362	1.3
209305_s_at	7.81267E-06	2.6	1.73E-08	5.7	0.001014101	1.9	1.19E-09	4.8	0.001354681	1.9	0.9700957	1.0
212948_at	1.00251E-05	2.6	0.08647498	1.2	0.000205177	2.1	5.60827E-05	3.5	0.1980175	1.4	0.000331741	2.8
227718_at	3.40E-08	2.6	3.32574E-06	2.4	0.01960459	1.3	2.60E-08	2.7	0.6570703	1.0	0.007665653	1.3
238633_at	1.07551E-06	2.6	8.08142E-06	2.7	0.9989622	1.0	2.27E-09	3.4	0.02379773	1.3	0.0006817	1.3
1560007_at	0.000302882	2.6	0.1797403	1.8	0.01001157	1.8	0.002532702	2.2	0.5196692	0.9	0.05987083	1.6
207630_s_at	5.35221E-05	2.6	4.73991E-06	2.7	0.8095042	1.0	9.94263E-05	2.4	0.7845228	1.0	0.9573807	1.0
1569020_at	0.000302193	2.6	0.2843941	0.8	5.77351E-05	2.7	0.000614108	2.1	0.3149219	0.8	4.48211E-05	2.3
204103_at	0.000109557	2.6	1.03585E-05	3.2	0.008971369	1.4	9.96443E-06	3.4	0.01067265	1.3	0.6126128	1.0
228928_x_at	3.63409E-06	2.6	0.005462502	1.6	0.000461126	1.8	1.16939E-07	3.4	0.08938066	1.3	4.93603E-06	2.5
221704_s_at	1.92951E-05	2.5	0.1263677	1.3	0.000119443	1.9	7.74454E-05	2.2	0.1169623	0.9	0.000874079	1.7
222088_s_at	2.51232E-07	2.5	0.000386082	1.7	0.001683387	1.5	3.44045E-07	2.5	0.8318077	1.0	0.002325609	1.5
227180_at	0.000250651	2.5	4.90696E-07	5.5	1.6128E-05	1.8	1.54513E-06	4.8	2.93748E-06	1.9	0.6076868	1.1
225609_at	6.04931E-05	2.5	0.09985431	1.3	0.000971756	2.0	0.000122928	1.9	0.0801538	0.7	0.006354062	1.5
212565_at	1.18211E-05	2.5	0.02954338	1.6	0.001369931	1.6	7.60954E-05	2.2	0.05248552	0.9	0.0153201	1.4
203651_at	1.81171E-07	2.5	0.01535012	1.5	0.000517323	1.7	8.79E-08	2.7	0.517561	1.1	0.000189752	1.8
226936_at	5.89369E-06	2.5	0.000459148	1.9	0.002330955	1.5	3.49703E-05	2.2	0.1899361	0.9	0.008049621	1.3
225557_at	1.09E-09	2.5	3.85E-08	3.4	3.5239E-06	1.7	2.03E-12	4.0	3.22721E-06	1.6	0.4886631	0.9
209005_at	1.02E-08	2.5	0.005273727	0.7	6.69E-09	3.0	1.48236E-07	2.1	0.04604558	0.8	1.34489E-07	2.4
205770_at	1.02244E-05	2.5	0.01281437	1.5	0.002061503	1.9	5.77145E-05	2.2	0.4456702	0.9	0.01061321	1.7
202600_s_at	6.57675E-05	2.5	0.03141144	1.4	0.01133774	1.7	8.5667E-05	2.3	0.5873128	0.9	0.02544242	1.5
210845_s_at	1.95E-08	2.5	1.23113E-07	3.9	6.406E-06	1.7	2.62E-11	4.2	7.68667E-06	1.6	0.5561069	0.9
201279_s_at	7.69797E-07	2.5	0.000203177	0.5	1.84E-11	6.3	0.001381422	1.5	0.000891328	0.6	1.82E-09	3.9
209681_at	1.40467E-07	2.5	0.000389238	1.8	0.02880516	1.3	7.51E-10	3.8	0.000128128	1.5	8.90991E-06	2.0
1563745_a_at	2.39E-08	2.5	0.3660376	1.2	1.92E-08	2.2	5.48E-08	2.4	0.5470437	1.0	1.40E-08	2.1
212764_at	4.51855E-05	2.5	0.09060852	1.5	0.002556087	2.1	0.001354824	2.1	0.4709596	0.9	0.02261562	1.8
225212_at	6.01361E-05	2.5	0.5025517	0.9	0.00015772	2.3	0.001042193	2.0	0.0865503	0.8	0.003310129	1.8
233952_s_at	3.56E-09	2.5	0.006556559	1.3	2.86365E-06	1.9	5.92E-08	2.3	0.312542	0.9	3.79869E-05	1.7
221523_s_at	4.41034E-07	2.5	0.5952044	1.1	3.78263E-07	2.6	1.12467E-06	2.2	0.1610265	0.9	1.26585E-06	2.2
211506_s_at	5.50019E-05	2.5	0.000128535	3.7	0.003634361	1.3	5.4986E-06	3.2	0.003664017	1.3	0.6043244	1.0
204896_s_at	0.001079932	2.5	0.003449158	4.4	0.009301334	1.5	5.26057E-06	4.9	0.001009796	2.0	0.1749627	1.3
226201_at	3.69021E-05	2.5	0.001200244	2.4	0.104259	1.2	9.47633E-06	2.9	0.2940009	1.2	0.01712308	1.4
201263_at	0.000125552	2.5	0.000147962	2.2	0.06246028	1.3	0.000106648	2.6	0.8224788	1.0	0.03913556	1.3

Figure 24-16

205271_s_at	4.51142E-06	2.5	0.6229869	1.1	0.00029596	2.5	0.009864897	1.9	0.2235409	0.8	0.01978706	1.9
229972_at	0.001684021	2.5	0.004592524	2.3	0.3278306	1.2	0.002492421	2.5	0.9167328	1.0	0.4307113	1.1
226099_at	1.61858E-07	2.5	4.48291E-07	3.5	0.001001117	1.4	7.37E-09	3.1	0.01643731	1.2	0.3489255	0.9
218145_at	0.001554559	2.5	0.008177278	2.3	0.3785811	1.3	2.36431E-05	3.9	0.1080445	1.6	0.4476413	1.2
209191_at	1.49159E-05	2.5	4.24652E-05	2.3	0.01222439	1.4	2.21333E-05	2.5	0.8734102	1.0	0.02650303	1.3
219334_s_at	2.21377E-05	2.5	0.001635331	1.6	0.03892265	1.4	9.7575E-06	2.4	0.8528992	1.0	0.02511364	1.4
208926_at	1.39E-08	2.5	0.799292	1.0	3.87E-08	2.5	1.78E-09	2.2	0.2914825	0.9	7.93E-08	2.2
223241_at	1.40819E-06	2.5	0.928596	1.0	4.05266E-06	2.7	3.88207E-05	2.0	0.1126739	0.8	6.4346E-05	2.2
238587_at	5.14053E-05	2.5	0.9257382	1.0	4.09775E-06	2.9	0.01278141	1.6	0.00029309	0.6	0.000781178	1.9
222173_s_at	4.01661E-06	2.5	0.05741683	0.7	7.83E-12	4.3	0.01600122	1.5	8.61576E-05	0.6	1.49382E-07	2.5
212698_s_at	0.008148847	2.5	0.617376	1.1	0.01027798	2.2	0.002000222	2.7	0.7187123	1.1	0.001737539	2.4
1562208_a_at	0.000974494	2.5	0.1531804	1.5	0.1511713	1.5	0.000402482	2.8	0.6301481	1.1	0.06843947	1.7
221904_at	2.89E-08	2.5	0.05127308	1.3	1.33531E-06	2.1	4.54E-08	2.4	0.7721745	1.0	2.13276E-06	2.0
230052_s_at	1.02837E-05	2.5	2.35245E-06	2.6	0.8064306	1.0	1.18372E-06	3.3	0.0778446	1.4	0.04426649	1.4
206337_at	0.000239063	2.5	8.91E-09	7.1	9.98537E-07	2.9	1.82E-08	7.3	1.34396E-06	3.0	0.9522111	1.0
238729_x_at	7.47096E-05	2.5	7.47779E-06	11.0	7.20041E-06	3.3	1.49E-08	8.1	1.85709E-05	3.3	0.9788582	1.0
218772_x_at	2.99239E-07	2.5	0.1252352	1.3	2.5121E-06	2.2	7.70895E-06	2.3	0.6081317	0.9	3.93947E-05	2.1
224043_s_at	0.04493544	2.5	5.2554E-07	4.3	0.000276335	2.3	0.00153844	5.0	0.001573961	2.0	0.2861314	0.9
208893_s_at	5.86836E-05	2.5	0.000298273	2.2	0.03491746	1.2	6.51603E-06	3.0	0.105083	1.2	0.000975477	1.5
209967_s_at	6.29445E-05	2.4	0.000572671	2.2	0.9516928	1.0	0.000141707	2.3	0.6357358	0.9	0.649425	0.9
218839_at	0.001760776	2.4	5.32378E-06	7.6	6.43485E-05	2.4	2.22367E-06	5.7	2.34845E-05	2.3	0.8257416	1.0
203530_s_at	4.94E-08	2.4	0.006053218	1.5	9.48798E-06	2.0	2.46085E-07	2.2	0.2184245	0.9	5.65212E-05	1.8
201811_x_at	1.30105E-07	2.4	0.8415437	1.0	2.74E-08	2.6	2.63964E-06	2.0	0.004205022	0.8	4.98577E-07	2.1
213474_at	1.48736E-05	2.4	0.01904603	0.5	7.48736E-06	5.1	0.009193022	1.6	0.04176145	0.7	0.000186217	3.4
209287_s_at	8.87384E-06	2.4	0.03903922	1.6	4.32822E-05	2.0	5.9761E-07	3.1	0.1087867	1.3	1.89587E-06	2.5
239719_at	4.27411E-05	2.4	0.3008497	1.2	7.94671E-05	2.3	0.000319868	2.1	0.4181589	0.9	0.000635943	2.0
219966_x_at	9.96731E-06	2.4	0.001166293	1.5	0.001259131	1.7	1.42778E-07	3.4	0.05204822	1.4	3.87943E-06	2.4
218237_s_at	0.000279545	2.4	0.8155969	0.9	0.00032787	2.4	0.002302061	2.1	0.5168826	0.9	0.002577884	2.1
1588732_at	0.00093176	2.4	0.09636231	1.7	0.7865221	1.1	5.58084E-05	3.2	0.2427171	1.3	0.1425259	1.4
202975_s_at	0.00027998	2.4	0.03492898	2.4	0.001545254	3.2	8.15989E-05	3.0	0.2824174	1.2	0.000430253	4.0
1567107_s_at	2.44514E-05	2.4	0.000271148	2.4	0.1803195	1.2	5.15599E-05	2.2	0.4459916	0.9	0.4517665	1.1
227554_at	2.99038E-05	2.4	0.000103334	2.4	0.4817527	1.1	2.15993E-06	3.1	0.09779964	1.3	0.02869713	1.4
219631_at	9.17756E-05	2.4	5.47471E-07	3.5	0.2378218	1.2	3.0803E-07	3.9	0.01523677	1.6	0.09251659	1.3
225842_at	0.000606201	2.4	0.01403277	1.9	0.1047659	1.3	0.000977521	2.3	0.7457152	1.0	0.1838555	1.3
230492_s_at	4.22E-08	2.4	0.6761354	1.1	2.85141E-06	2.7	1.15087E-07	2.3	0.5392994	0.9	6.02515E-06	2.5
241342_at	8.14917E-06	2.4	0.01534381	0.7	1.27501E-07	3.4	4.49934E-05	1.7	0.02267064	0.7	3.74513E-07	2.4

Figure 24-17

204970_s_at	1.12022E-07	2.4	0.000455602	1.8	0.190115	1.2	2.25E-08	3.2	0.03791844	1.3	0.00333652	1.6
207233_s_at	1.10599E-05	2.4	0.001197957	1.8	0.02274761	1.4	0.000231461	2.1	0.3565561	0.9	0.203573	1.2
225799_at	2.23625E-06	2.4	0.01800146	1.4	1.65662E-07	2.0	2.25355E-05	2.1	0.005778106	0.9	6.2119E-06	1.7
227044_at	4.53711E-06	2.4	7.46349E-06	2.4	0.9132094	1.0	2.30E-08	3.6	0.01125374	1.5	0.01185819	1.5
209882_at	2.33E-08	2.4	0.000303377	2.0	0.06449654	1.3	4.81E-09	3.0	0.0423018	1.2	0.00408751	1.6
209344_at	6.71178E-05	2.4	0.000370172	2.5	0.2493294	1.1	0.0001962	2.2	0.5334702	0.9	0.6751634	1.0
225685_at	8.75889E-06	2.4	0.255043	1.2	0.000177592	2.2	2.59584E-07	2.8	0.2261968	1.2	1.16922E-05	2.5
210662_at	2.65122E-05	2.4	0.000425422	2.9	0.04437828	1.5	1.53512E-06	3.6	0.02839905	1.5	0.8970366	1.0
224367_at	1.85812E-05	2.4	0.2073426	1.3	0.000187059	1.8	0.000154814	2.1	0.2964251	0.9	0.002367734	1.6
218723_s_at	4.14E-08	2.4	3.06E-08	2.2	0.3707834	1.1	3.46E-13	2.8	0.08273495	1.2	0.002866551	1.3
224480_s_at	5.73869E-06	2.4	0.2480809	0.8	7.00787E-07	3.0	0.03019087	1.4	0.003484075	0.6	0.001871783	1.8
206917_at	4.13018E-07	2.4	0.7028185	1.1	8.98E-08	2.7	0.000179228	1.5	0.000723537	0.6	8.15908E-06	1.7
203811_s_at	5.33018E-05	2.4	3.74862E-06	5.3	0.000168874	2.2	9.52E-09	4.4	0.000979297	1.8	0.2842711	0.8
202922_at	0.000122843	2.4	0.6454698	0.9	0.000119538	2.9	0.007317381	1.7	0.1620061	0.7	0.003870311	2.1
227099_s_at	8.89213E-05	2.4	2.57392E-07	10.5	2.45E-10	5.3	1.91E-11	13.9	4.19E-09	5.9	0.5193892	1.1
1558517_s_at	5.52185E-05	2.4	7.74234E-06	3.1	0.1463918	1.3	5.05617E-07	3.5	0.03133809	1.5	0.4246014	1.1
224827_at	4.83105E-05	2.4	7.9187E-06	2.6	0.9722816	1.0	7.21E-09	4.4	0.001200033	1.8	0.000808084	1.8
209288_s_at	3.59254E-06	2.4	0.02462213	1.4	7.57195E-05	1.9	8.36E-08	2.9	0.1361075	1.2	9.31916E-07	2.3
210757_x_at	1.70214E-06	2.4	0.000748686	0.6	4.29E-10	4.5	0.00050865	1.5	0.002891182	0.6	5.95E-09	2.9
224859_at	0.006089373	2.4	0.5896571	1.1	0.1029551	1.4	0.009975577	2.2	0.5809336	0.9	0.1809205	1.3
213824_at	0.001128018	2.4	0.1338658	0.6	8.9214E-06	5.3	0.7427955	0.9	0.00434856	0.4	0.05534875	2.0
203470_s_at	6.02737E-05	2.4	1.01674E-07	4.2	2.60632E-06	1.8	9.06E-08	4.3	1.62738E-05	1.8	0.9511013	1.0
235592_at	8.15345E-06	2.4	0.01554413	2.8	0.8706213	1.0	0.00013877	3.1	0.2303887	1.3	0.3888173	1.3
226345_at	3.29885E-07	2.4	1.19E-11	8.2	1.87E-12	3.7	6.60E-12	8.0	3.77E-08	3.4	0.4172972	0.9
236937_at	1.69381E-05	2.4	0.00078277	1.8	0.1927512	1.2	1.73E-08	2.6	0.4225617	1.1	0.002294988	1.3
44783_s_at	0.00369952	2.4	2.77442E-05	5.4	8.0665E-05	2.3	1.56856E-05	5.0	2.5943E-05	2.1	0.679472	0.9
1557418_at	0.001470162	2.4	0.0154317	1.9	0.7074682	1.1	9.62325E-06	2.9	0.3621303	1.2	0.1987505	1.4
241661_at	0.000198771	2.4	0.2653623	1.5	0.002329484	1.9	0.000510469	2.0	0.4215824	0.8	0.008145099	1.6
1560397_s_at	3.64116E-06	2.4	0.5561914	0.9	6.40328E-06	3.2	0.000205929	1.8	0.0225629	0.8	0.00012691	2.4
235102_x_at	0.000163246	2.4	1.04E-10	14.8	1.96E-08	5.7	8.29E-11	15.0	2.42E-08	6.4	0.6149416	1.1
210139_s_at	0.006941627	2.3	0.9670689	1.0	0.004712376	2.5	0.09975385	1.7	0.2369758	0.7	0.07002456	1.8
223912_s_at	6.79291E-06	2.3	0.009128613	0.6	1.13442E-07	3.9	0.000437801	1.9	0.2179971	0.8	2.38489E-06	3.2
209674_at	3.76E-09	2.3	0.00198176	1.5	4.12671E-05	1.7	1.73E-09	2.4	0.9013681	1.0	2.09936E-05	1.7
219228_at	0.000655855	2.3	0.7679276	1.1	0.00192021	2.0	0.05692884	1.5	0.04302496	0.7	0.1597447	1.3
233085_s_at	4.2806E-06	2.3	0.001097734	1.8	0.03291507	1.3	5.98012E-07	2.2	0.7756607	1.0	0.02062648	1.3
224917_at	4.57353E-05	2.3	0.009273359	1.5	0.01372538	1.5	7.11E-08	3.0	0.07986566	1.3	1.30567E-05	2.0

Figure 24-18

228285_at	7.94284E-06	2.3	0.8560688	1.0	9.21969E-06	2.4	1.67928E-05	2.1	0.4696636	0.9	2.16958E-05	2.1
1563469_at	0.002680591	2.3	0.2136205	1.3	0.1401371	1.4	0.001187579	2.5	0.718879	1.1	0.06209787	1.5
231199_at	0.00065674	2.3	0.09602068	0.7	0.00097837	2.6	0.02611961	1.9	0.489215	0.8	0.01963961	2.1
202382_s_at	1.81E-08	2.3	0.8808038	1.0	1.00243E-05	2.3	7.08E-09	2.5	0.2757766	1.1	2.90773E-06	2.5
228545_at	0.00016466	2.3	0.6399816	1.1	6.28222E-05	2.4	0.002049821	1.9	0.09341824	0.8	0.000854771	2.0
228274_at	0.000114009	2.3	0.243151	0.7	5.94575E-07	3.8	0.06595449	1.4	0.01324103	0.6	0.000275983	2.4
227571_at	0.01016671	2.3	8.312E-07	4.9	4.07944E-06	2.1	0.000104841	4.9	4.87186E-06	2.1	0.9574869	1.0
222068_s_at	0.08924881	2.3	6.45703E-06	24.4	1.19479E-06	10.2	3.89584E-05	12.4	0.000206093	5.4	0.04436512	0.5
242255_at	1.66089E-05	2.3	0.000597813	2.0	0.7788944	1.0	6.58E-08	2.9	0.1094391	1.2	0.1865764	1.2
239908_at	0.01710691	2.3	0.03958647	2.0	0.1737158	1.5	0.00080913	2.6	0.6917712	1.1	0.01256626	1.7
228580_at	0.003367815	2.3	0.6960953	1.1	0.03796348	1.8	0.000286556	2.4	0.8484915	1.1	0.007892791	1.9
1557419_a_at	0.01561862	2.3	0.003242958	3.0	0.9466605	1.0	0.001406045	2.7	0.5260449	1.2	0.3728739	1.2
1564121_at	1.57296E-05	2.3	0.2698438	1.2	2.62592E-07	2.2	0.00143025	1.7	0.00308113	0.7	0.000144544	1.6
200733_s_at	2.40349E-06	2.3	2.83385E-05	2.5	0.161054	1.3	1.41623E-05	2.7	0.3674859	1.2	0.6853908	0.9
1555847_a_at	3.17217E-06	2.3	0.903633	1.0	1.07177E-05	2.0	1.11705E-05	2.3	0.97573	1.0	4.40211E-05	2.0
204104_at	0.002912859	2.3	0.9688557	1.0	0.001182563	2.1	0.5845537	1.2	0.003493551	0.5	0.7813425	1.1
1555628_a_at	1.59131E-07	2.3	0.4816063	0.8	6.58E-09	4.5	0.000287908	1.6	8.22553E-05	0.7	3.72513E-07	3.1
237464_at	6.17E-08	2.3	0.002007795	1.6	0.000197877	1.6	6.24097E-07	2.2	0.7412399	1.0	0.00106011	1.5
228702_at	8.98254E-07	2.3	0.001453745	1.6	0.00096005	1.5	1.62E-10	2.6	0.2186963	1.1	3.86622E-07	1.8
206536_s_at	2.57978E-07	2.3	0.000862994	1.6	0.001579182	1.4	1.38949E-07	2.6	0.29988	1.1	0.000403292	1.6
207121_s_at	8.51528E-07	2.3	5.7115E-06	2.1	0.1883438	1.1	5.61E-08	2.9	0.000511538	1.3	8.45638E-05	1.4
229491_at	6.56104E-07	2.3	6.46919E-05	2.2	0.05913471	1.3	1.45E-08	3.1	0.006418299	1.4	0.000414875	1.7
202014_at	2.78312E-05	2.3	6.95824E-07	4.5	8.92018E-07	1.8	2.73E-08	4.4	7.76005E-07	1.9	0.4945272	1.1
207791_s_at	9.08E-12	2.3	0.01130941	2.0	0.000256433	1.4	1.99E-08	2.1	0.2521959	0.9	0.01055	1.3
1553153_at	5.35563E-05	2.3	0.6943513	1.1	0.00153958	1.9	3.75938E-05	2.2	0.8154639	1.0	0.001535729	1.8
223196_s_at	8.96605E-07	2.3	0.00151689	1.7	0.05396872	1.4	5.21E-08	2.9	0.0888579	1.3	0.001779307	1.7
1553155_x_at	0.001206697	2.3	0.000483247	1.6	0.05865872	1.3	0.000271077	2.6	0.4261984	1.1	0.001231405	1.5
236198_at	6.34879E-05	2.3	5.93068E-07	4.6	0.000645705	1.8	4.44E-09	6.1	6.28455E-06	2.7	0.03312107	1.5
204715_at	1.05234E-05	2.3	0.000843597	1.5	0.01605375	1.4	1.26189E-05	2.2	0.7951921	1.0	0.01773967	1.3
1556067_a_at	0.000360108	2.3	3.50035E-07	4.1	0.01834139	1.6	2.56539E-07	4.3	0.004357795	1.9	0.4197902	1.2
239439_at	9.31246E-05	2.3	0.001891124	2.0	0.01356525	1.5	4.62255E-05	2.3	0.8876078	1.0	0.007052273	1.6
230620_at	1.43873E-06	2.3	0.1584268	1.2	3.72841E-05	1.9	7.11292E-05	1.9	0.206199	0.9	0.001711651	1.6
1558305_at	2.39447E-07	2.3	0.0013936	1.8	0.005357514	1.4	5.71E-08	2.3	0.9428416	1.0	0.002253903	1.4
204241_at	7.63499E-06	2.3	0.01535062	1.8	0.04984562	1.2	1.23863E-07	3.1	0.004603001	1.4	1.68532E-07	1.7
228167_at	4.62E-09	2.3	0.4452243	1.1	5.45E-10	2.3	1.96613E-07	1.9	0.00015778	0.8	3.02E-08	1.9
201846_s_at	1.92479E-06	2.3	4.05732E-07	2.4	0.3307296	1.1	8.69E-08	3.6	0.005812147	1.6	0.02573319	1.4

Figure 24-19

201625_s_at	4.54018E-05	2.3	7.48021E-06	2.0	0.06279953	1.3	4.35364E-05	2.2	0.898223	1.0	0.06434207	1.3
201430_s_at	0.003372695	2.3	0.01956204	1.5	0.008863163	1.7	0.001136725	2.7	0.4279717	1.2	0.003190574	2.1
220254_at	0.005169682	2.3	0.001165797	5.3	0.07448692	1.6	1.75995E-06	5.1	0.002082498	2.3	0.08928607	1.5
202776_at	6.36004E-06	2.3	0.01641148	2.0	0.01453042	1.3	1.05837E-05	2.2	0.6497832	1.0	0.03403477	1.3
1555976_s_at	0.001518041	2.3	0.000864469	1.7	0.0161251	1.7	0.0030256	2.1	0.2413562	0.9	0.115557	1.2
233186_s_at	1.97451E-05	2.3	0.002040892	1.4	0.001342163	1.7	7.20655E-07	2.8	0.1459869	1.3	1.52578E-05	2.1
219449_s_at	5.27635E-06	2.3	0.07970536	0.7	6.91242E-07	3.4	0.004023673	1.5	0.000525237	0.7	3.91186E-05	2.3
45288_at	2.55505E-05	2.3	0.9549953	1.0	6.50775E-05	2.5	0.09099259	1.3	0.00284495	0.6	0.05108194	1.5
220253_s_at	0.000610923	2.3	1.72647E-06	3.4	0.1105494	1.4	4.40532E-07	3.9	0.016613	1.7	0.2566479	1.2
1559204_x_at	0.003032804	2.3	0.000281121	2.3	0.2438257	1.3	1.06825E-06	4.0	0.01375697	1.8	0.1271164	1.3
217523_at	0.001518516	2.3	5.68147E-05	3.2	0.110631	1.5	1.48016E-05	3.7	0.04453511	1.7	0.607578	1.1
214657_s_at	0.000506365	2.3	0.1145228	1.5	0.1576372	1.3	7.96545E-05	2.2	0.9127998	1.0	0.1225603	1.3
222872_x_at	1.72043E-05	2.3	0.000671769	1.9	0.09165032	1.3	6.48966E-07	2.3	0.827214	1.0	0.01329184	1.3
1555780_a_at	1.52E-08	2.3	0.000214183	1.9	0.0115001	1.3	8.12E-12	2.4	0.435863	1.1	0.001844604	1.4
207351_s_at	0.00921342	2.3	0.009098619	2.8	0.2446536	1.2	0.01339379	2.1	0.6942155	0.9	0.3810563	1.1
201451_x_at	0.007827669	2.2	0.1145556	2.0	0.07175054	1.6	0.001929514	2.7	0.1997235	1.2	0.01665528	1.9
216407_at	0.001628738	2.2	0.5768111	1.2	0.02375823	1.9	0.000923129	2.3	0.9261842	1.0	0.01772264	2.0
200951_s_at	6.00382E-05	2.2	0.2583881	1.2	0.001087441	1.8	0.001186773	1.8	0.1279559	0.8	0.02385891	1.4
224834_at	2.64836E-05	2.2	2.16792E-06	2.8	0.5686563	1.1	3.97E-09	4.0	0.001190509	1.8	0.002422003	1.6
217119_s_at	0.000790906	2.2	0.3013795	1.3	0.07283091	1.6	0.001128477	2.5	0.6295747	1.1	0.0540119	1.7
209004_s_at	8.99126E-06	2.2	0.2963071	0.9	5.92354E-07	2.5	0.000143828	1.9	0.2838141	0.9	1.24849E-05	2.2
1556066_at	0.000461636	2.2	7.31499E-07	3.6	0.04304164	1.5	1.37925E-06	4.0	0.009532502	1.8	0.4056898	1.2
1565868_at	0.000544325	2.2	0.00088386	2.8	0.3067929	1.3	4.38978E-06	3.1	0.1168953	1.4	0.6970868	1.1
229061_s_at	0.000817047	2.2	0.01003614	1.6	0.1164304	1.4	0.008593189	2.4	0.7973997	1.1	0.1866959	1.5
202599_s_at	0.000177533	2.2	0.07546204	1.4	0.01358459	1.6	0.000372954	2.1	0.6731415	0.9	0.03020636	1.5
232806_s_at	0.003563663	2.2	0.1948045	0.7	0.00429097	2.9	0.002399479	2.3	0.9421127	1.0	0.003647204	2.9
219199_at	1.42128E-06	2.2	0.08073505	1.9	0.009326395	1.4	9.64957E-07	2.6	0.2160578	1.2	0.001477186	1.6
213404_s_at	1.38E-09	2.2	2.78519E-05	1.7	0.02390464	1.2	6.79E-09	2.3	0.6714256	1.0	0.01547523	1.3
1594018_at	5.53584E-06	2.2	0.007921578	0.7	6.95E-10	3.4	0.04776592	1.3	0.00025233	0.6	3.45554E-06	2.0
226650_at	1.32428E-06	2.2	0.01772411	1.4	0.000919137	1.6	2.26123E-07	2.4	0.5564223	1.1	7.84667E-05	1.7
228193_s_at	0.000373281	2.2	0.0424223	1.6	0.1092609	1.4	3.16534E-06	2.6	0.3441307	1.2	0.0123145	1.7
243579_at	0.000626223	2.2	0.2517035	1.3	0.000277775	1.7	0.02246661	1.6	0.03474906	0.7	0.08362405	1.3
210365_at	0.002166308	2.2	0.04652776	1.6	0.1202087	1.3	0.000690996	2.4	0.701524	1.1	0.01585993	1.4
235490_at	0.07233246	2.2	0.000358313	5.2	3.70447E-05	4.2	3.44578E-05	10.3	1.69257E-05	4.7	0.6072568	1.1
1554285_at	4.36908E-07	2.2	0.5379827	0.9	2.49E-08	3.4	6.07049E-05	1.7	0.000621985	0.8	4.00389E-07	2.6
205681_at	3.98198E-06	2.2	1.13426E-07	4.0	7.88E-11	1.9	9.11E-09	3.4	9.94069E-06	1.5	0.008522816	0.8

Figure 24-20

204032_at	1.33475E-05	2.2	0.6900964	1.1	8.64626E-07	2.4	0.000639264	1.7	0.05666527	0.8	5.12424E-05	1.9
207455_at	0.000334193	2.2	0.000310092	2.0	0.4771075	1.1	2.01373E-05	2.6	0.2219121	1.2	0.04846096	1.3
219954_s_at	0.006771037	2.2	0.002502049	3.3	0.5587085	1.2	2.21473E-06	4.6	0.003877541	2.1	0.01622387	1.8
1556545_at	0.01415137	2.2	4.85231E-05	6.4	0.03222592	2.4	7.75679E-06	7.9	0.002317941	3.6	0.3306931	1.5
203395_s_at	5.64021E-05	2.2	1.24911E-05	3.3	0.00038639	1.7	6.02E-08	3.7	0.000506089	1.7	0.8629531	1.0
224933_s_at	1.2206E-05	2.2	0.9126386	1.0	2.62927E-05	2.1	1.07885E-05	2.0	0.6156346	0.9	2.9209E-05	2.0
227195_at	0.000246252	2.2	4.99238E-05	0.5	7.74624E-07	3.3	0.06458973	0.7	6.7274E-06	0.3	0.6018029	1.1
202887_s_at	1.0349E-07	2.2	8.96E-10	3.7	1.63232E-05	1.8	1.31E-09	3.7	0.000266936	1.7	0.6465781	0.9
238524_at	9.41587E-05	2.2	0.3772787	1.4	0.1314014	1.6	5.88289E-05	2.1	0.7978712	1.0	0.153717	1.6
203957_at	1.67036E-07	2.2	0.09353416	1.2	2.14849E-06	2.1	1.85617E-06	1.9	0.07509229	0.9	2.09592E-05	1.8
236836_at	0.002880039	2.2	0.04611435	1.5	0.3878723	1.2	0.000301812	3.0	0.2403522	1.3	0.04414621	1.6
230175_s_at	2.19137E-07	2.2	0.6573603	1.0	2.39384E-06	2.1	5.56E-08	2.4	0.4167976	1.1	6.08988E-07	2.3
200730_s_at	4.88198E-06	2.2	2.66728E-05	2.9	0.3869617	1.1	1.38341E-06	3.3	0.02213528	1.5	0.08096623	1.3
221763_at	2.41E-09	2.2	0.0557343	1.2	9.90294E-07	1.8	9.72027E-07	2.2	0.898647	1.0	3.63636E-05	1.8
210954_s_at	9.76402E-07	2.2	0.000144779	2.5	0.7286111	1.0	3.16663E-07	3.2	0.01446225	1.5	0.02596139	1.4
217892_s_at	0.003083292	2.2	0.03169532	1.8	0.6876856	1.1	0.006516386	2.1	0.7946072	1.0	0.5947695	0.9
205899_at	0.000432933	2.2	0.007207292	2.1	0.1770436	1.3	3.69294E-06	2.6	0.2672596	1.2	0.004936882	1.5
204143_s_at	9.00151E-06	2.2	0.2458468	1.4	0.00621542	2.1	0.000103208	1.8	0.09244087	0.8	0.004195589	1.8
201169_s_at	3.54077E-06	2.2	0.09920904	2.7	0.005201307	1.5	1.85704E-06	3.2	0.02876246	1.5	0.000111145	2.2
204440_at	3.57596E-05	2.2	4.44307E-05	2.9	1.15169E-05	1.6	7.77771E-07	3.2	1.41561E-06	1.5	0.3230593	0.9
219956_at	0.000998835	2.2	0.2627667	0.7	0.005379912	2.2	0.01672835	1.6	0.1776222	0.7	0.04962488	1.7
228372_at	1.13351E-05	2.2	0.00583183	0.5	1.23022E-06	4.6	0.03109263	1.4	0.001494666	0.6	4.61335E-05	3.0
206173_x_at	1.88842E-06	2.2	8.02E-08	2.6	0.749268	1.0	5.92E-09	3.0	0.003574547	1.4	0.003751177	1.4
240103_at	0.002903144	2.2	1.62E-08	13.0	2.02E-08	5.9	1.48E-09	11.3	5.19E-08	5.2	0.3698071	0.9
201761_at	1.04509E-05	2.2	2.62189E-05	2.2	0.8414033	1.0	7.35989E-07	2.6	0.1206317	1.2	0.08788409	1.2
204181_s_at	1.51669E-05	2.2	0.2763476	1.2	0.00085227	1.8	2.66958E-06	2.4	0.5061338	1.1	0.000172574	2.0
213146_at	0.0002225	2.2	1.31E-08	4.2	0.005276537	1.6	3.47855E-07	4.1	0.003072232	1.9	0.4031454	1.2
230380_at	0.000316393	2.2	2.65753E-06	3.6	0.003238438	1.7	2.75534E-06	3.3	0.004527984	1.5	0.4857461	0.9
241592_at	0.0154878	2.2	7.14E-09	12.6	6.5556E-06	6.3	3.78E-10	13.4	5.73329E-06	6.2	0.8821291	1.0
205695_at	0.000286869	2.2	8.7721E-05	0.3	5.15E-08	7.3	0.2674088	0.8	2.17134E-05	0.4	0.000358627	2.7
224579_at	5.91524E-05	2.2	0.8794398	1.0	5.86036E-05	2.3	0.008598936	1.7	0.1114966	0.8	0.005434311	1.8
229395_at	6.99059E-05	2.2	0.9312446	1.0	0.005147146	1.5	0.000113531	2.1	0.6979125	1.0	0.008101418	1.5
240873_x_at	0.00018083	2.2	0.8531891	1.0	3.13116E-05	3.3	0.01918153	1.5	0.03948868	0.7	0.000998601	2.3
228314_at	1.85546E-05	2.2	3.63796E-05	2.6	0.6798463	1.1	3.59587E-07	2.8	0.04572263	1.3	0.1088153	1.2
234932_s_at	0.000995711	2.2	0.7141093	1.1	0.001423376	2.2	0.127773	1.4	0.09566588	0.7	0.124579	1.4
237215_s_at	0.000172134	2.2	0.001820976	2.5	0.5525705	1.1	0.000179573	2.5	0.4398728	1.2	0.1894535	1.3

Figure 24-21

236606_at	0.00060189	2.2	2.26E-09	6.3	9.20407E-07	3.5	8.53E-09	7.4	3.83332E-06	3.4	0.8966363	1.0
207316_at	0.04593149	2.1	6.39215E-06	9.6	2.00353E-05	6.5	0.000135651	4.1	0.05926726	1.9	6.66178E-05	0.3
221552_at	0.000256068	2.1	0.6764397	0.9	0.000764445	2.4	0.07291006	1.4	0.02471572	0.7	0.05883859	1.6
216316_x_at	2.93693E-05	2.1	0.000501912	3.6	0.03247052	1.3	5.53864E-07	2.7	0.1045303	1.3	0.6478714	0.9
243189_at	0.01257861	2.1	0.00555181	2.6	0.1749316	1.2	0.03450357	1.8	0.2532903	0.9	0.7501547	1.0
227633_at	0.000238684	2.1	0.02457066	2.1	0.08823062	1.4	9.80739E-06	2.7	0.08581147	1.3	0.006181178	1.8
211535_s_at	4.86942E-05	2.1	0.7323239	1.1	0.001022149	2.0	0.000239358	1.8	0.1795385	0.8	0.005531472	1.7
212481_s_at	0.000153133	2.1	0.001071806	2.1	0.08174601	1.2	0.000729785	1.9	0.2780684	0.9	0.435903	1.1
244828_x_at	6.51553E-05	2.1	2.16027E-05	4.0	0.000239888	1.7	1.97418E-07	3.7	1.16309E-05	1.7	0.8770975	1.0
213524_s_at	0.000985911	2.1	1.21062E-06	6.1	1.88E-09	3.4	4.32944E-07	5.4	8.84E-08	2.5	0.001212404	0.7
231894_at	3.53531E-06	2.1	0.7861327	1.0	4.62366E-05	2.1	2.42892E-05	2.0	0.5472061	0.9	0.000190578	1.9
202628_s_at	0.001776963	2.1	0.04555265	0.6	8.19185E-06	4.2	0.003807169	2.0	0.8500652	1.0	1.89055E-05	4.0
37028_at	5.1756E-05	2.1	2.01745E-06	3.6	1.62366E-05	1.6	1.06343E-07	3.6	1.76814E-06	1.7	0.6796744	1.0
212930_at	7.12642E-06	2.1	6.83005E-07	2.8	0.01161657	1.3	1.11936E-07	2.9	0.004434048	1.3	0.7942112	1.0
209240_at	4.90573E-05	2.1	0.0177739	1.3	0.000723756	1.8	1.06181E-07	2.1	0.9092839	1.0	8.70275E-06	1.7
202824_s_at	3.23154E-07	2.1	0.000364738	1.6	0.001232127	1.4	9.04896E-07	2.0	0.2977443	0.9	0.001586957	1.3
240421_x_at	0.001946944	2.1	7.75628E-05	5.3	5.70784E-07	3.0	7.42E-08	6.9	8.74E-08	3.3	0.6415084	1.1
201195_s_at	5.82033E-05	2.1	2.02632E-07	2.6	2.66192E-05	1.4	1.00389E-06	3.0	3.86834E-05	1.4	0.5631011	1.0
226140_s_at	7.93091E-05	2.1	2.61095E-05	2.7	1.4295E-05	1.4	2.44713E-06	2.9	3.56247E-05	1.4	0.8318191	1.0
222145_at	0.005484269	2.1	0.05300285	0.4	0.000339332	5.9	0.01956582	1.8	0.5269292	0.9	0.000728653	5.1
202581_at	0.02262298	2.1	0.0817112	1.8	0.3965357	1.3	0.000377235	3.2	0.1932244	1.5	0.02812936	2.0
215966_x_at	6.67173E-07	2.1	5.69665E-06	2.8	0.03721841	1.2	1.0607E-07	2.5	0.135556	1.2	0.4938407	0.9
224826_at	3.31718E-07	2.1	0.5690898	0.9	8.97605E-06	2.5	5.65145E-07	2.1	0.7498005	1.0	1.36922E-05	2.4
212851_at	0.000138748	2.1	0.3702963	0.8	4.70455E-07	2.7	0.004745754	1.6	0.01813855	0.7	8.13025E-06	2.0
219677_at	0.007452774	2.1	4.74889E-05	2.7	0.1552167	1.2	0.000378406	3.0	0.0184868	1.4	0.1555512	1.2
211864_s_at	0.000469824	2.1	0.2953184	1.3	0.000730077	2.1	0.001433759	2.0	0.8578793	1.0	0.001888744	2.1
201453_x_at	5.25E-08	2.1	5.74623E-05	1.5	0.000473624	1.3	3.44E-08	2.2	0.3412146	1.0	0.000117693	1.4
205099_s_at	0.000073432	2.1	0.001204781	0.5	4.66E-08	4.4	0.1188702	1.3	0.004826138	0.6	1.96136E-05	2.7
227337_at	8.42106E-06	2.1	3.22629E-05	2.1	0.6980342	1.0	1.24924E-06	3.0	0.02634883	1.4	0.01160232	1.5
208891_at	0.000193493	2.1	0.002048404	1.8	0.08376337	1.1	9.74187E-05	2.2	0.455693	1.1	0.02195154	1.2
212572_at	3.76357E-05	2.1	0.002703009	1.7	0.02258359	1.2	3.08805E-05	2.1	0.8149401	1.0	0.01580932	1.3
213479_at	0.001321974	2.1	0.009212616	2.9	0.8877246	1.0	0.00014956	2.8	0.2018608	1.3	0.127866	1.4
209959_at	4.8061E-05	2.1	2.41367E-05	3.1	7.78556E-07	2.0	1.54E-08	4.1	1.8924E-05	1.9	0.886987	1.0
210118_s_at	0.008647055	2.1	1.0647E-07	10.3	1.68E-08	5.1	4.56886E-07	9.6	1.25106E-07	4.6	0.211827	0.9
203471_s_at	5.67822E-05	2.1	6.20498E-07	3.5	1.71495E-06	1.7	3.50168E-07	3.4	6.25292E-07	1.6	0.5389168	1.0
216902_s_at	3.17275E-07	2.1	0.05609608	1.4	1.05274E-05	1.8	4.98441E-05	1.7	0.07118661	0.8	0.00160648	1.5

Figure 24-22

202066_at	2.14E-09	2.1	0.3124818	0.9	2.06E-08	2.4	1.08701E-07	1.8	0.05899005	0.9	3.50405E-07	2.1
226762_at	0.000179477	2.1	0.00028571	1.8	0.5348142	1.1	0.000620851	2.0	0.8608103	1.0	0.6941181	1.1
221081_s_at	7.46712E-05	2.1	0.2528436	1.2	0.005908449	1.8	0.000223105	1.7	0.162126	0.8	0.04520259	1.5
214681_at	4.25842E-07	2.1	3.1365E-06	2.2	0.02223819	1.3	1.18437E-07	2.5	0.1067553	1.2	0.5008925	0.9
221020_s_at	5.82388E-07	2.1	0.000670962	1.6	0.01480932	1.3	4.66E-08	2.4	0.1699478	1.1	0.000623432	1.5
243124_at	0.000499253	2.1	0.7435178	0.9	0.000258539	2.4	0.001103935	2.2	0.7637181	1.1	0.000504983	2.5
209339_at	1.13998E-06	2.1	8.60E-09	7.0	1.77827E-07	3.0	8.49E-11	4.2	1.14071E-05	2.0	0.006260114	0.7
224565_at	0.000626065	2.1	0.02944727	1.4	0.06194042	1.4	7.90865E-07	2.3	0.6635143	1.1	0.000659606	1.5
240165_at	0.009883784	2.1	0.000673117	2.5	0.1297422	1.6	1.41985E-05	4.8	0.01300361	2.3	0.2037058	1.5
204340_at	0.000101701	2.1	0.1300379	1.5	5.33831E-05	1.7	0.001233584	1.8	0.1982042	0.9	0.002067924	1.5
223143_s_at	0.000269207	2.1	0.2585065	1.5	0.000873436	1.8	0.00463351	1.7	0.1846381	0.8	0.01970194	1.4
225550_at	9.08155E-07	2.1	0.4340829	0.8	0.002400876	2.2	0.000101073	1.6	0.04235116	0.8	0.02104399	1.7
230599_at	0.000611464	2.1	0.9535581	1.0	0.04018553	1.6	0.002619784	2.1	0.9967356	1.0	0.05930827	1.6
236449_at	0.000110187	2.1	0.6552094	1.1	2.59505E-06	1.9	0.002890022	1.7	0.03896971	0.8	0.000454082	1.5
218220_at	9.3306E-07	2.1	0.3799836	0.8	0.0002518	2.1	0.0514343	1.4	0.01195627	0.7	0.1026851	1.4
202211_at	2.61937E-06	2.1	9.43394E-05	2.0	0.3290562	1.1	1.81505E-06	2.3	0.3355965	1.1	0.108525	1.2
208737_at	4.41306E-07	2.1	0.05729906	1.2	5.86643E-07	1.9	1.63147E-05	1.7	0.03987556	0.8	4.34221E-05	1.6
212290_at	0.000349605	2.1	0.01952923	1.5	0.02013976	1.4	0.000160064	2.2	0.5949672	1.1	0.007843092	1.6
238760_at	0.000466689	2.1	0.02779199	1.6	0.4466997	1.1	0.000670917	2.3	0.5358663	1.1	0.2333541	1.3
223144_s_at	2.40151E-07	2.1	0.2035767	1.2	7.4887E-05	1.6	4.37268E-06	1.9	0.4193804	0.9	0.000947477	1.5
1568126_at	0.000204259	2.1	0.06454463	1.4	0.02061078	1.4	0.000100924	2.2	0.7301834	1.0	0.007855323	1.5
231297_at	0.000953405	2.1	0.001163788	2.1	0.9085344	1.0	0.000224759	2.4	0.1698435	1.1	0.2110977	1.1
236223_s_at	8.71678E-07	2.1	0.05731473	1.4	0.005279637	1.6	6.40588E-07	2.2	0.5275853	1.1	0.001930996	1.7
241193_at	0.001096022	2.1	0.1772862	1.7	0.4848847	1.3	1.23954E-05	3.4	0.003915688	1.6	0.05154021	2.1
217167_x_at	1.20757E-05	2.1	9.90987E-06	2.9	0.04933894	1.3	1.50743E-06	2.6	0.09638917	1.2	0.8312925	1.0
213933_at	0.001699194	2.1	0.008290282	2.4	0.6921668	1.1	2.3209E-05	3.8	0.02842049	1.8	0.005928257	2.0
208668_at	9.04232E-07	2.1	0.000450192	1.7	0.0290372	1.3	5.91E-08	2.5	0.02760356	1.2	0.000607801	1.5
225527_at	8.58E-08	2.1	5.45587E-05	1.8	0.149624	1.2	2.18E-09	2.4	0.05483024	1.2	0.006955861	1.4
235022_at	0.000146657	2.1	0.8559075	1.0	2.77451E-05	2.4	0.01374572	1.5	0.05651927	0.7	0.002113015	1.8
224739_at	7.85681E-06	2.1	3.57E-14	4.5	2.63679E-07	2.2	9.61E-11	4.7	6.66088E-07	2.3	0.6031621	1.1
209694_at	9.84E-08	2.1	1.45332E-05	2.3	0.2350018	1.1	8.70E-12	2.9	0.00118425	1.4	0.006554896	1.3
1556180_at	5.23443E-05	2.1	0.002213559	1.7	0.03937357	1.4	4.10234E-05	2.3	0.4264885	1.1	0.014623	1.5
218104_at	5.22128E-06	2.1	0.1439998	1.2	0.000122149	1.9	1.05435E-07	2.9	0.0232216	1.4	1.12563E-06	2.6
201695_s_at	1.00143E-05	2.1	0.168437	1.2	0.000133514	1.7	3.8288E-05	1.9	0.06957349	0.9	0.000688872	1.6
223800_s_at	7.05308E-05	2.1	1.85928E-05	2.2	0.6379092	1.1	3.06661E-07	2.8	0.04176032	1.3	0.05520663	1.3
229011_at	0.000172775	2.1	0.8088742	1.0	0.000105437	2.2	0.04969712	1.4	0.007637224	0.7	0.02199942	1.5

Figure 24-23

222703_s_at	0.003171738	2.1	9.72E-08	4.5	6.36868E-06	1.9	1.33187E-05	3.7	0.000173113	1.8	0.6222223	0.9
225316_at	0.01451533	2.1	3.90718E-05	7.6	7.09455E-07	2.6	3.55053E-05	4.7	8.6604E-06	2.3	0.3555629	0.9
1555841_at	0.00519974	2.1	5.1615E-05	4.4	0.01086836	1.6	1.62048E-06	4.6	0.000176729	2.2	0.01028721	1.4
1554661_s_at	1.16363E-06	2.1	0.3059283	1.2	2.61607E-05	1.8	8.27837E-07	1.9	0.4937411	0.9	4.44156E-05	1.7
243376_at	5.68454E-06	2.0	2.68406E-05	2.2	0.9682378	1.0	1.00911E-05	2.5	0.2165659	1.2	0.2655247	1.2
235739_at	0.000310153	2.0	0.5637694	1.1	0.007651914	1.6	0.000116864	2.3	0.6071477	1.1	0.002436414	1.8
224566_at	0.001916441	2.0	0.06469793	1.5	0.02542639	1.6	6.32641E-05	2.3	0.5939927	1.1	0.001834275	1.8
227458_at	0.000196937	2.0	2.84E-11	17.6	4.98E-09	7.7	7.16E-08	6.6	2.69268E-05	3.2	0.001354077	0.4
203234_at	1.94215E-06	2.0	0.000302501	1.7	0.000876709	1.4	1.10151E-06	2.1	0.634565	1.0	9.83337E-05	1.4
213440_at	7.16E-08	2.0	0.005756065	1.3	9.19623E-06	1.6	3.17951E-07	1.9	0.2111547	0.9	3.29447E-05	1.4
1566671_a_at	0.009228316	2.0	0.0282859	2.1	0.669143	1.1	0.000643155	2.8	0.03922741	1.4	0.01291851	1.5
212292_at	0.000626982	2.0	0.000283359	2.0	0.1000086	1.2	9.32038E-05	2.4	0.2450428	1.2	0.009596003	1.5
207387_s_at	1.02958E-06	2.0	3.98264E-07	2.7	0.02323471	1.3	3.67E-08	2.5	0.06534745	1.2	0.5485025	0.9
201201_at	2.08344E-05	2.0	0.01001878	1.4	0.001639706	1.5	3.59537E-06	2.2	0.4543248	1.1	0.000147568	1.6
225999_at	0.005676126	2.0	0.8461542	1.0	0.001922537	1.8	0.04752998	1.6	0.07958686	0.8	0.04207171	1.4
231697_s_at	0.000242885	2.0	0.3443772	1.2	0.03226015	1.7	2.11E-08	2.5	0.1721401	1.2	0.002319382	2.1
238567_at	0.05389575	2.0	7.19E-08	13.7	2.72255E-07	6.3	1.21268E-05	8.1	1.00607E-05	4.0	0.00807569	0.6
201280_s_at	3.95451E-05	2.0	0.001019633	0.5	9.86E-10	5.4	0.9470674	1.0	1.18083E-05	0.5	4.31585E-06	2.6
223070_at	8.50539E-07	2.0	1.18E-09	3.2	1.5426E-05	1.7	2.15E-11	3.3	7.18168E-05	1.6	0.3453587	0.9
226083_at	0.000336252	2.0	0.06342883	0.7	8.55E-08	3.9	0.06535926	1.4	0.02253994	0.7	1.44704E-05	2.7
220924_s_at	4.98E-08	2.0	1.9048E-05	1.8	0.02310395	1.2	6.98E-10	2.6	0.001764516	1.3	6.90654E-05	1.6
203520_s_at	0.005705312	2.0	0.001734665	0.4	7.5344E-06	5.0	0.5327374	1.2	0.006077978	0.6	0.000603151	2.9
225539_at	1.67418E-07	2.0	0.6382676	1.0	5.61382E-07	1.9	2.09171E-06	1.7	0.1025082	0.9	8.38731E-06	1.6
200692_s_at	1.17489E-07	2.0	0.000150354	1.5	1.04249E-05	1.6	1.16306E-06	1.9	0.5933568	1.0	0.000137591	1.5
208078_s_at	0.001762623	2.0	0.4545633	1.1	0.02066814	1.4	0.006660321	1.8	0.4222255	0.9	0.1045491	1.3
235745_at	0.000454159	2.0	0.00018748	2.2	0.2773485	1.2	7.40312E-07	3.7	3.77007E-06	1.8	0.001848037	1.6
242370_at	1.73666E-05	2.0	3.22657E-06	2.1	0.7791064	1.0	3.5948E-06	2.9	0.02594838	1.4	0.047241	1.4
203725_at	6.68838E-05	2.0	3.25E-11	8.8	4.50E-09	4.7	2.07E-10	8.1	1.10151E-07	4.0	0.3839923	0.9
224829_at	4.43263E-05	2.0	0.006251526	1.6	0.6585473	1.1	1.20324E-05	2.6	0.134853	1.3	0.07066868	1.4
218041_x_at	1.65E-08	2.0	5.81477E-06	1.8	0.08004056	1.2	2.85E-10	2.5	0.001738654	1.3	0.000427028	1.5
221841_s_at	1.83591E-05	2.0	0.3295976	1.1	0.00173167	1.7	0.001344657	1.7	0.1970901	0.8	0.04756104	1.4
204180_s_at	0.000100892	2.0	0.295219	1.2	0.000736867	1.8	8.92345E-05	2.2	0.5394742	1.1	0.000479175	2.0
201844_s_at	1.41702E-05	2.0	1.52276E-05	2.3	0.2293693	1.2	1.51E-08	3.1	0.005098096	1.5	0.02356997	1.3
212295_s_at	0.00048991	2.0	0.08747641	1.4	0.003518736	1.6	0.000265779	2.1	0.7123638	1.0	0.001253097	1.7
218546_at	0.0110336	2.0	0.2671716	1.4	0.04186551	1.6	0.001310599	2.5	0.26117	1.2	0.003699885	2.0
205204_at	0.01512694	2.0	0.9430444	1.0	0.01068641	2.2	0.000752468	2.9	0.2202221	1.5	0.000618657	3.3

Figure 24-24

204038_s_at	0.000122417	2.0	0.04147435	1.5	0.0549261	1.3	5.74209E-05	2.0	0.9868285	1.0	0.03823705	1.3
201278_at	4.78706E-06	2.0	6.78233E-06	0.4	5.66E-10	6.3	0.7312315	1.0	8.75142E-07	0.5	1.05134E-06	3.0
238389_s_at	6.76623E-07	2.0	6.72143E-07	2.5	0.01366905	1.2	3.26E-09	2.8	0.000372687	1.4	0.06165557	1.2
1554638_at	0.007472855	2.0	0.6237121	1.1	0.04750115	1.7	0.001205045	2.4	0.5078779	1.2	0.00932479	2.1
202693_s_at	1.02158E-07	2.0	2.88972E-07	2.2	0.3697901	1.1	3.53E-08	2.0	0.8322603	1.0	0.4295024	0.9
218368_s_at	0.00093888	2.0	0.00253281	0.3	1.20337E-05	5.7	0.7789052	0.9	3.29871E-05	0.5	0.001807989	2.7
203646_at	0.000411632	2.0	0.01067703	1.7	0.2678346	1.2	0.000199678	1.9	0.798261	1.0	0.3397466	1.2
214437_s_at	5.9538E-06	2.0	0.0237903	1.4	0.001686863	1.6	3.72662E-06	2.0	0.9503685	1.0	0.001154015	1.6
238412_at	5.82747E-06	2.0	0.672493	0.9	2.48613E-06	2.8	0.000482126	1.9	0.7473024	1.0	2.22661E-05	2.7
223879_s_at	0.003047188	2.0	0.5415815	1.1	0.000328991	2.5	0.0744807	1.6	0.3901806	0.8	0.01386925	2.0
215977_x_at	6.58358E-06	2.0	4.40151E-05	2.9	0.1437502	1.2	1.69268E-06	2.3	0.2330925	1.1	0.8263063	1.0
206748_s_at	2.16629E-05	2.0	0.01248848	2.4	0.06160732	1.3	2.01585E-05	2.2	0.5896162	1.1	0.02620088	1.4
209212_s_at	0.000464777	2.0	0.03139263	1.6	0.6063569	1.1	7.36882E-06	2.7	0.07468632	1.3	0.04798632	1.5
222943_at	0.002452083	2.0	0.000197183	2.7	0.403211	1.2	0.000101208	3.5	0.04789582	1.7	0.1629551	1.4
235901_at	0.000578684	2.0	0.7157321	0.9	8.36588E-05	2.2	0.001357488	2.0	0.9328796	1.0	0.000305107	2.1
1554103_at	0.003080936	2.0	0.007120244	1.8	0.007576765	1.6	4.99725E-05	3.0	0.01057686	1.5	0.602294	0.9
219361_s_at	0.000112314	2.0	0.003927699	2.3	0.1955024	1.1	1.65401E-05	2.3	0.1250433	1.2	0.01004072	1.3
238646_at	0.000266578	2.0	0.000256059	3.5	0.06258601	1.3	1.23E-08	3.7	0.000799969	1.8	0.005753861	1.4
209193_at	0.000129434	2.0	6.14385E-05	2.0	0.6794183	1.1	4.64E-09	2.7	0.05733537	1.3	0.0669568	1.3
222164_at	0.001834664	2.0	0.1490399	1.3	0.005305809	1.6	0.002100486	1.9	0.723124	0.9	0.003743775	1.5
227080_at	6.25962E-05	2.0	2.81205E-07	2.8	0.05591219	1.3	6.00E-08	3.3	0.000271786	1.6	0.03751456	1.3
203214_x_at	0.01230641	2.0	1.53717E-05	9.2	1.49E-08	5.2	1.24598E-06	6.1	6.2397E-06	3.0	0.001597236	0.6
212468_at	8.88381E-05	2.0	0.02933377	1.4	0.03037462	1.4	6.03952E-05	2.0	0.880915	1.0	0.02052688	1.4
226968_at	0.000236335	2.0	0.000533105	2.1	0.8404902	1.0	2.39754E-06	2.9	0.006008236	1.5	0.02271513	1.4
229787_s_at	0.001224925	2.0	0.04969865	1.5	0.03125838	1.6	9.78353E-05	2.1	0.8734288	1.0	0.00974988	1.6
211751_at	0.003692416	2.0	0.02554388	2.3	0.6106077	1.1	0.000015579	3.2	0.06085276	1.6	0.2080943	1.4
204488_at	1.15479E-06	2.0	0.000221602	2.1	0.451248	1.1	1.44605E-07	2.7	0.02294503	1.3	0.2342953	1.2
212923_s_at	5.53532E-07	2.0	0.000429158	1.9	0.7023292	1.0	1.16988E-06	2.8	0.01709558	1.4	0.01287238	1.5
209304_x_at	0.000109422	2.0	8.50187E-07	4.1	0.000132902	2.1	2.82E-08	3.8	0.000597216	1.9	0.6355783	0.9
201538_s_at	1.16712E-06	2.0	0.000283429	2.2	0.8779526	1.0	1.09372E-07	2.2	0.06875979	1.1	0.09017896	1.1
202168_at	4.49946E-07	2.0	2.69601E-07	1.9	0.01565086	1.2	2.83614E-07	2.2	0.0963962	1.1	0.000163827	1.3
224978_s_at	1.13161E-06	2.0	0.1118631	1.3	0.000310465	1.7	3.11859E-05	1.8	0.3387702	0.9	0.003283632	1.5
235458_at	5.82549E-07	2.0	0.005827866	0.7	1.28201E-07	3.1	0.000125524	1.5	2.28277E-05	0.8	2.25531E-06	2.4
212099_at	4.94352E-06	2.0	0.00012602	0.6	1.31E-08	2.8	4.49822E-05	1.6	0.03273994	0.8	2.69E-08	2.2
231299_at	0.002389517	2.0	0.4336258	1.3	0.000500824	2.6	0.01300681	1.8	0.7036003	0.9	0.002030866	2.4
231205_at	0.01489874	2.0	0.6461144	1.1	0.7279937	1.1	0.000162062	2.8	0.212385	1.4	0.1169192	1.5

Figure 24-25

225853_at	2.23699E-05	2.0	0.1494972	0.8	7.98E-08	2.6	0.008433767	1.4	0.006604083	0.7	2.42647E-05	1.9
217489_s_at	0.00016632	2.0	0.3288664	1.6	0.000192719	2.1	0.000808423	1.6	0.1289522	0.8	0.001390446	1.7
214696_at	1.99E-09	2.0	1.34817E-05	1.5	2.20829E-05	1.4	9.01E-09	2.0	0.9159445	1.0	1.9434E-05	1.4
1557197_a_at	0.00652136	2.0	0.1985569	0.7	0.000253052	3.0	0.08701063	1.6	0.4162908	0.8	0.004639912	2.4
204141_at	0.009632882	2.0	0.05173197	1.7	0.3317555	1.2	0.001442432	2.4	0.4266655	1.2	0.07602099	1.5
200985_s_at	0.007617363	2.0	0.1041779	1.4	0.0659062	1.6	0.005348912	2.1	0.8058058	1.1	0.04379601	1.7
212989_at	1.46385E-06	2.0	4.64837E-07	2.2	0.4951246	1.1	5.71403E-07	2.1	0.4498281	1.1	0.9708475	1.0
244397_at	7.36665E-05	2.0	0.000109595	2.0	0.8968107	1.0	1.8296E-05	2.3	0.2296313	1.2	0.342145	1.1
205251_at	5.28968E-05	2.0	0.3303027	1.1	3.70077E-05	1.9	0.000826739	1.6	0.1189611	0.8	0.000593427	1.6
224057_s_at	4.42378E-06	2.0	0.833921	1.0	8.1389E-05	1.8	2.59662E-07	2.2	0.3012265	1.1	5.34578E-06	1.9
215886_x_at	1.08102E-07	2.0	4.73E-09	2.6	0.002272175	1.4	1.87E-09	3.2	0.00017077	1.6	0.1640008	1.2
226206_at	4.58039E-07	2.0	0.1264397	1.2	8.39845E-05	1.7	1.55E-08	2.1	0.4473042	1.1	7.63651E-06	1.8
221679_s_at	0.000157939	2.0	0.4249231	1.2	0.00034999	1.9	0.08328082	1.3	0.011722	0.7	0.1213487	1.3
222942_s_at	0.000250252	2.0	0.008350628	2.3	0.04719992	1.1	0.000160614	2.1	0.5882789	1.1	0.2914489	1.2
204435_at	7.04194E-06	2.0	9.30076E-07	3.0	0.002708277	1.4	1.01E-08	3.1	0.000651927	1.6	0.3952092	1.1
213672_at	0.000132304	2.0	0.03408585	1.8	0.3237678	1.1	0.0002183	2.1	0.6337282	1.1	0.2059772	1.2
202246_s_at	1.14476E-05	2.0	0.5251366	0.9	1.14142E-05	2.2	0.000575324	1.6	0.1126402	0.8	0.0004178	1.8
222982_x_at	1.33E-08	2.0	0.000497196	1.6	0.07847177	1.2	6.16E-10	2.3	0.0254436	1.2	0.001057175	1.4
204203_at	7.81881E-05	2.0	0.00497855	1.5	0.002779195	1.5	0.00038838	1.8	0.178014	0.9	0.01471564	1.3
208892_s_at	1.76516E-05	2.0	0.000768362	1.7	0.8155881	1.0	6.25054E-06	2.1	0.3451871	1.1	0.2518018	1.1
201971_s_at	7.80346E-05	2.0	0.4194986	0.8	3.42847E-06	2.4	0.001682881	1.6	0.1763565	0.8	5.65993E-05	2.0
223145_s_at	1.68542E-06	2.0	0.1477277	1.2	5.46555E-07	1.8	1.45898E-05	1.8	0.06264102	0.9	8.17887E-06	1.6
228353_x_at	0.00032245	2.0	0.8868256	1.0	2.50749E-06	2.2	0.1216131	1.3	0.01220754	0.7	0.0131614	1.5
204341_at	0.00086834	2.0	0.01464551	1.7	0.2463035	1.3	2.67756E-06	2.1	0.5673707	1.1	0.04655373	1.4
203893_at	0.000372501	2.0	0.01842798	1.4	0.07167776	1.3	3.71314E-05	2.1	0.576824	1.1	0.01214493	1.4
209682_at	0.00286211	2.0	0.3967566	0.9	0.000103764	2.6	0.02502083	1.6	0.3675821	0.8	0.001014768	2.1
218197_s_at	0.001477057	2.0	0.4400055	1.2	0.00120052	2.0	0.0294365	1.7	0.6105261	0.9	0.02500381	1.8
218093_s_at	0.000631806	2.0	0.8993076	1.0	0.000138203	2.1	0.006927544	1.7	0.3573711	0.9	0.001831701	1.8
205767_at	0.000370979	2.0	3.45E-08	5.0	1.93376E-07	2.7	7.12E-08	3.7	0.000118967	1.9	0.0086807	0.7
238422_at	1.20444E-06	2.0	0.3421585	0.9	5.55E-08	2.1	9.26391E-05	1.6	0.02188933	0.8	6.28295E-06	1.8
227539_at	1.4716E-07	2.0	0.001841335	0.8	1.46E-09	2.4	7.06559E-07	1.4	0.000251316	0.7	3.5315E-07	1.7
202266_at	7.25878E-05	1.9	0.4232663	1.1	0.000052699	2.0	0.001446301	1.7	0.3828387	0.9	0.001101232	1.7
212817_at	0.000217172	1.9	0.3364233	0.9	4.95819E-07	2.1	0.1358818	1.3	0.005886626	0.7	0.01269784	1.4
203322_at	5.33774E-07	1.9	0.000225742	1.8	0.173997	1.1	2.28E-08	2.4	0.03010602	1.2	0.004155202	1.4
1564651_at	6.69184E-05	1.9	0.003791861	0.6	3.44E-08	3.2	0.1293149	1.3	0.003393895	0.6	8.40371E-05	2.1
223798_at	0.001351269	1.9	0.008315621	1.6	0.000417111	1.8	0.002091022	1.9	0.905902	1.0	0.001054649	1.7

Figure 24-26

214096_s_at	8.50692E-06	1.9	0.09708151	1.3	0.001226169	1.6	5.06944E-06	2.0	0.8952221	1.0	0.000789758	1.6
215853_at	0.01560681	1.9	0.000505488	3.3	3.99947E-05	1.9	2.87191E-05	4.4	1.13239E-05	2.3	0.2365514	1.2
201798_s_at	0.002533264	1.9	0.1665454	1.4	0.007317816	1.7	0.000352569	2.2	0.3533279	1.2	0.000736765	1.9
212470_at	8.81E-08	1.9	6.68E-08	1.8	0.0277039	1.2	3.91E-08	2.2	0.1249674	1.1	0.002459056	1.3
219799_s_at	3.12662E-05	1.9	0.000296378	0.4	1.72696E-07	4.3	0.537963	0.9	5.126E-05	0.5	0.000916015	2.0
1558511_s_at	7.57864E-07	1.9	0.003855016	1.5	0.000831259	1.4	7.06828E-06	2.0	0.8834448	1.0	0.002108897	1.5
236224_at	2.04545E-07	1.9	0.1021261	1.4	0.002129317	1.6	5.71E-09	2.0	0.8328074	1.0	0.001377692	1.7
200983_x_at	0.01107915	1.9	0.1078643	1.5	0.1126951	1.5	0.005806286	2.1	0.7417507	1.1	0.06023233	1.6
201627_s_at	4.1281E-05	1.9	1.33492E-05	2.0	0.437935	1.1	1.0939E-05	2.1	0.271867	1.1	0.07145962	1.2
204817_at	0.00601794	1.9	0.000105189	3.3	0.1381852	1.3	9.03341E-06	2.6	0.04697226	1.4	0.6610545	1.1
202401_s_at	0.00026395	1.9	0.007790611	1.8	0.9185127	1.0	0.00026485	1.9	0.9301807	1.0	0.9822409	1.0
209281_s_at	2.4986E-05	1.9	1.11168E-06	2.6	0.00478148	1.2	4.09915E-07	2.5	0.002051294	1.3	0.5074591	1.1
231035_s_at	0.00215388	1.9	0.000136848	2.7	0.0881489	1.4	3.87287E-06	3.2	0.007184813	1.6	0.3559485	1.2
241396_at	0.004813773	1.9	6.94E-08	5.7	3.53849E-05	2.7	9.49052E-07	4.0	0.001007545	2.1	0.1161689	0.8
200691_s_at	4.20E-08	1.9	0.003323897	1.3	4.0644E-06	1.6	1.06919E-06	1.8	0.2578182	0.9	9.88548E-05	1.5
222393_s_at	3.99E-08	1.9	0.5446196	0.9	1.48E-09	2.6	2.6846E-05	1.6	0.02327239	0.8	1.62138E-07	2.1
243918_at	0.000417533	1.9	0.005474562	0.3	0.000109937	5.8	0.3711026	1.2	0.003661654	0.6	0.001917838	3.5
234491_s_at	2.93962E-05	1.9	7.14E-10	5.0	9.32E-08	3.1	1.43E-10	5.4	1.08803E-07	2.8	0.421904	0.9
227092_at	6.67141E-06	1.9	0.003256335	0.7	3.68E-08	3.1	0.000465893	1.6	0.04982554	0.8	7.95548E-07	2.5
200842_s_at	0.000367095	1.9	0.9756568	1.0	0.000411502	2.1	0.01048463	1.9	0.8949615	1.0	0.00707654	2.0
205511_at	0.00073412	1.9	0.002814107	1.7	0.5513337	1.1	6.32768E-06	2.7	0.01988274	1.4	0.07580945	1.3
204182_s_at	2.74988E-05	1.9	0.02412009	1.4	0.002834338	1.5	3.17989E-06	2.2	0.2042035	1.2	0.000204755	1.7
203321_s_at	8.57354E-06	1.9	0.002403933	1.5	0.05919479	1.2	5.92678E-07	2.2	0.2234177	1.1	0.002441133	1.4
222514_at	7.2923E-07	1.9	0.04758072	0.8	8.95E-09	2.6	0.000114828	1.5	0.009529816	0.8	5.48948E-07	2.0
201041_s_at	4.41E-09	1.9	2.84E-10	2.4	0.003953749	1.2	5.08E-11	2.5	0.000428404	1.3	0.1724917	1.1
217606_at	0.000221042	1.9	0.4613229	1.2	0.1674717	1.5	5.61E-08	3.0	0.00134391	1.6	0.005903081	2.3
219480_at	0.000609745	1.9	0.04622139	1.7	0.5086394	1.1	0.000816288	2.0	0.6596115	1.1	0.8676	1.0
215009_s_at	0.004049538	1.9	0.006738034	1.9	0.3494304	1.2	4.18995E-06	2.6	0.12318	1.4	0.004264225	1.7
234199_at	0.001135004	1.9	0.1145488	1.3	0.04143051	1.4	0.000864697	2.1	0.6629156	1.1	0.02162527	1.6
1568695_s_at	0.000173854	1.9	0.06251663	1.3	0.1912475	1.2	4.71242E-05	2.4	0.2082549	1.2	0.02075285	1.5
239843_at	0.000339986	1.9	0.2613526	1.3	0.01880289	1.7	0.000110803	2.0	0.837392	1.0	0.01169287	1.7
223079_s_at	5.9755E-05	1.9	7.2142E-07	3.2	0.03006982	1.4	1.59326E-06	2.4	0.03782259	1.3	0.6151313	0.9
211653_x_at	0.006752186	1.9	0.02098068	1.8	0.1058542	1.4	0.001426679	2.2	0.5387776	1.1	0.02885819	1.6
232052_at	5.66128E-05	1.9	0.00052268	1.8	0.8185545	1.0	2.12036E-07	2.7	0.004746865	1.4	0.01764748	1.4
203304_at	0.01087218	1.9	0.000890278	1.8	0.4449657	1.1	0.000567999	2.6	0.02098136	1.4	0.09282224	1.2
212190_at	0.000188071	1.9	1.48165E-05	2.2	0.3584393	1.1	6.79945E-06	3.1	0.01101214	1.6	0.05766551	1.4

Figure 24-27

216985_s_at	1.62E-08	1.9	0.8642493	1.0	1.25E-11	2.0	1.09683E-05	1.6	0.4883735	0.9	2.20478E-06	1.7
243371_at	5.88702E-07	1.9	3.34E-08	2.1	0.000281566	1.5	8.54E-11	2.9	8.24413E-05	1.5	0.5826784	1.0
201566_x_at	0.001066461	1.9	4.69E-10	5.4	3.10462E-06	2.7	1.72E-09	4.9	5.05555E-06	2.6	0.6824595	1.0
215078_at	0.01320772	1.9	2.08051E-07	5.2	6.65262E-05	2.6	4.28258E-07	6.0	2.06749E-05	3.1	0.3658698	1.2
225866_at	0.00349453	1.9	3.47902E-06	2.0	0.5091088	1.1	1.22938E-05	2.1	0.4365925	1.1	0.04121942	1.2
223666_at	0.000222508	1.9	0.00126145	1.8	0.0109412	1.4	0.00318441	1.6	0.2607247	0.8	0.1377098	1.2
221510_s_at	3.19867E-06	1.9	1.90127E-07	2.6	0.006959235	1.3	1.84728E-07	2.2	0.03537901	1.2	0.3011063	0.9
212272_at	1.99347E-05	1.9	0.4923157	1.4	9.70602E-07	2.5	0.02159353	1.4	0.01758476	0.7	0.00041899	1.8
238619_at	0.005615106	1.9	0.2602439	1.3	0.5741391	1.1	0.00050765	2.5	0.2600261	1.3	0.118729	1.5
212274_at	2.93135E-05	1.9	0.2516598	0.8	1.9086E-06	2.4	0.007026152	1.5	0.02615122	0.8	0.000164914	1.9
242907_at	5.11425E-07	1.9	5.12E-11	4.3	2.44E-08	2.2	1.92E-12	4.2	1.04E-08	2.2	0.9537101	1.0
213409_s_at	0.001164068	1.9	0.2338513	1.3	0.01640832	1.7	0.000848868	1.8	0.8538319	1.0	0.01685594	1.7
212062_at	0.01050099	1.9	0.00485589	2.9	0.1018718	1.5	7.52731E-06	3.6	0.004119394	1.9	0.2368666	1.3
228181_at	2.31802E-05	1.9	0.006630259	0.7	3.76E-08	3.1	0.000181694	1.6	0.131752	0.8	2.51953E-07	2.6
232587_at	0.007360796	1.9	0.01114248	1.8	0.8975171	1.0	0.001263662	2.3	0.3330578	1.2	0.3559758	1.2
203935_at	5.63743E-06	1.9	0.6658618	1.0	1.895E-06	2.0	0.001216298	1.4	0.01045503	0.8	0.000290125	1.6
210247_at	2.98808E-05	1.9	0.4530544	0.9	6.26013E-05	2.1	0.000843602	1.6	0.1829489	0.9	0.000779877	1.8
206295_at	0.000589906	1.9	3.16E-10	7.6	2.45E-09	4.2	4.78E-09	4.9	2.52095E-06	2.6	0.003799561	0.6
225339_at	2.95315E-06	1.9	2.73793E-05	1.7	0.003243001	1.2	8.44879E-07	2.0	0.1419068	1.1	0.000454617	1.3
1559977_a_at	2.96813E-05	1.9	0.1763905	1.3	0.01186077	1.5	1.02279E-05	2.0	0.4916379	1.1	0.003618647	1.6
201845_s_at	5.81E-11	1.9	3.13E-08	2.4	0.000801798	1.2	2.17E-13	2.5	2.3901E-05	1.3	0.02578303	1.1
212811_x_at	8.80488E-06	1.9	0.1022613	0.8	1.6498E-06	2.2	0.09851381	1.2	0.000737595	0.6	0.007997424	1.4
213810_s_at	9.15286E-05	1.9	0.7292983	1.1	8.46664E-05	2.0	0.000220738	1.7	0.3579526	0.9	0.000239126	1.8
206537_at	0.000712873	1.9	0.198467	1.2	0.007032001	1.6	0.000138906	2.0	0.6112688	1.1	0.00135387	1.7
240674_at	0.008696859	1.9	0.09870086	1.4	0.04138727	1.5	0.000584438	2.2	0.3502486	1.2	0.001698207	1.8
218088_s_at	1.69E-08	1.9	0.2657464	0.9	3.90E-08	2.2	2.26875E-05	1.6	0.100911	0.9	2.13881E-06	1.9
220417_s_at	2.86302E-05	1.9	0.1251693	1.2	0.00045769	1.7	1.20715E-05	2.1	0.3355839	1.1	0.000115031	1.9
221702_s_at	6.47668E-06	1.9	0.1119726	0.8	1.21121E-06	2.2	0.000612756	1.5	0.08301888	0.8	6.76932E-05	1.8
202065_s_at	5.17847E-06	1.9	0.6339011	0.9	3.01099E-07	2.2	0.00027141	1.7	0.4321417	0.9	1.54978E-05	2.0
224046_s_at	2.54193E-05	1.9	0.000455137	2.0	0.2090917	1.2	8.71E-08	2.1	0.2814755	1.1	0.01340468	1.3
213820_s_at	1.04342E-05	1.9	0.8518609	1.0	6.51062E-05	2.5	0.04419255	1.3	0.000239657	0.7	0.006268797	1.7
224009_x_at	2.13327E-05	1.9	9.9493E-06	0.5	1.86E-10	4.1	0.6165382	0.9	1.28644E-05	0.5	6.53651E-06	2.1
1559777_at	0.00955327	1.9	3.20E-11	29.9	1.42E-12	13.9	1.40E-09	11.8	1.13E-08	6.4	0.000480009	0.5
209340_at	0.000142089	1.9	5.85682E-07	2.3	0.5318236	1.1	3.02229E-05	2.1	0.0811714	1.1	0.5019577	1.1
211671_s_at	2.33706E-07	1.9	2.6584E-06	1.8	0.2116703	1.1	3.52977E-07	2.9	0.001385509	1.5	0.000171077	1.7
1569095_at	0.007527326	1.9	7.63E-12	19.2	3.38E-12	9.6	3.24E-09	9.5	8.87E-09	5.1	0.000703698	0.5

Figure 24-28

200984_s_at	0.01259449	1.9	0.0927199	1.5	0.1008617	1.5	0.01045561	2.0	0.7621623	1.1	0.07145294	1.6
223780_s_at	6.2088E-05	1.9	2.44103E-05	1.8	0.6004255	1.1	1.69668E-06	2.2	0.1448985	1.2	0.03036625	1.2
200779_at	8.57201E-05	1.9	0.00113297	1.8	0.07507733	1.1	6.52615E-05	1.9	0.4951876	1.0	0.00915533	1.2
239562_at	0.000659607	1.9	0.003393302	1.6	0.1099849	1.3	2.27705E-05	2.3	0.08067773	1.2	0.001838264	1.5
218338_at	0.000233695	1.9	0.4592032	1.1	4.28768E-05	1.9	0.008485015	1.4	0.03472341	0.8	0.001101426	1.4
1555991_s_at	0.02455041	1.9	0.000650323	4.9	0.002931101	2.5	9.68399E-06	3.6	0.01692554	1.9	0.2916972	0.8
243829_at	2.21792E-05	1.8	3.46537E-05	1.6	0.1097296	1.2	1.25355E-07	2.1	0.2472711	1.1	0.002966317	1.4
213476_x_at	7.95895E-05	1.8	0.02925964	1.4	0.00199431	1.5	0.000704338	1.7	0.3544408	0.9	0.01721792	1.4
212048_s_at	0.003424197	1.8	0.09274871	1.4	0.01667831	1.5	0.008234063	1.7	0.533212	0.9	0.04367887	1.4
217682_at	6.80787E-05	1.8	0.1049211	1.3	0.001483574	1.6	0.00032532	1.9	0.969395	1.0	0.003816479	1.6
219933_at	3.54E-09	1.8	0.1442833	0.8	3.74085E-06	2.2	5.99573E-06	1.5	0.01775875	0.8	6.08321E-05	1.8
207606_s_at	0.00167736	1.8	0.02923906	0.6	7.76399E-05	3.0	0.1052032	1.4	0.1508806	0.7	0.002561664	2.2
222799_at	0.00426548	1.8	0.000265062	0.6	4.08824E-07	2.6	0.2375114	1.2	0.002222181	0.7	0.00031797	1.7
220918_at	0.02327608	1.8	0.01008862	0.6	0.000790632	2.6	0.3665921	1.2	0.1260936	0.7	0.01989943	1.7
209610_s_at	4.82033E-06	1.8	0.01484786	0.8	7.47E-08	2.5	0.426217	1.1	0.000264843	0.6	0.005733293	1.5
206157_at	0.01016873	1.8	4.8009E-07	7.0	1.99E-08	3.8	6.2043E-07	5.4	4.38457E-07	2.9	0.01625168	0.8
207005_s_at	0.00541106	1.8	0.001511421	2.1	0.5837151	1.1	0.000221698	2.3	0.1990167	1.2	0.05153074	1.3
234976_x_at	0.000309913	1.8	1.37363E-06	2.2	0.7467682	1.0	5.59422E-05	2.0	0.4265272	1.1	0.5962821	1.1
200731_s_at	1.05595E-07	1.8	1.88003E-06	2.1	0.08590766	1.2	1.006E-07	2.9	0.000725143	1.6	0.02801793	1.3
205088_at	0.003340372	1.8	7.79779E-05	3.0	0.06719176	1.3	0.000212469	2.3	0.1096906	1.2	0.8290198	1.0
236899_at	0.0124895	1.8	0.4993314	1.2	0.01682164	1.8	0.02678896	1.7	0.8272847	0.9	0.03445776	1.7
1552426_a_at	1.83155E-07	1.8	0.1475438	0.9	4.38471E-07	2.1	0.001114324	1.4	0.009947562	0.8	0.000257143	1.6
213327_s_at	3.89E-08	1.8	4.46E-10	2.9	0.00013558	1.5	1.42E-09	2.7	0.000297587	1.5	0.8075491	1.0
218239_s_at	9.7569E-06	1.8	1.3175E-05	2.1	0.7945259	1.0	4.48124E-06	2.0	0.3670945	1.1	0.7036207	1.0
201646_at	5.44455E-06	1.8	0.2218055	0.8	3.17E-09	2.8	0.01341425	1.3	0.002125192	0.7	5.44327E-07	1.9
201865_x_at	7.92E-08	1.8	1.95712E-06	1.7	0.2035942	1.1	9.55193E-07	2.7	0.003790854	1.5	0.000569424	1.6
215975_x_at	4.84496E-05	1.8	8.31024E-05	2.6	0.1759603	1.2	1.12344E-07	2.4	0.04421809	1.3	0.7761899	1.0
229845_at	0.000252702	1.8	0.008194245	1.5	0.4880527	1.1	5.31072E-05	2.0	0.443937	1.1	0.1419152	1.2
223952_x_at	3.87957E-05	1.8	6.63316E-05	0.5	7.78E-09	4.1	0.6663414	1.0	1.55724E-05	0.5	3.33434E-05	2.2
41387_r_at	9.91264E-07	1.8	3.37E-08	2.8	5.48984E-06	1.6	1.16E-08	2.9	0.000323513	1.6	0.9335191	1.0
238762_at	2.58027E-05	1.8	7.7023E-05	1.8	0.2073193	1.1	4.81729E-07	2.2	0.1037327	1.2	0.003269681	1.3
200843_s_at	0.000238953	1.8	0.3911048	1.1	0.000485722	1.9	0.001817749	1.6	0.3679818	0.9	0.003017766	1.7
202265_at	0.000319495	1.8	0.06874049	0.8	1.21027E-05	2.2	0.4258321	1.1	0.000648779	0.6	0.000535792	1.3
239695_at	0.000480357	1.8	0.06438252	1.3	0.002211669	1.4	4.1714E-05	2.2	0.07926287	1.2	7.92114E-05	1.7
204266_s_at	0.003474413	1.8	0.00690492	0.4	3.37985E-05	4.9	0.4754598	1.2	0.02621589	0.6	0.000941426	3.1
225582_at	0.000236292	1.8	0.000444775	1.9	0.1604632	1.1	3.07562E-05	2.1	0.02944873	1.2	0.7466477	1.0

Figure 24-29

204897_at	5.26193E-05	1.8	1.04083E-05	2.7	0.000854631	1.6	2.36E-09	3.2	2.69287E-05	1.7	0.2799588	1.1
226705_at	0.000347378	1.8	0.7488731	1.1	0.000121241	1.9	0.03631511	1.4	0.08400511	0.8	0.01553489	1.5
223443_s_at	3.92953E-05	1.8	0.4177935	1.2	0.000573708	1.8	0.000901271	1.6	0.2580688	0.9	0.006322672	1.6
219023_at	7.12694E-06	1.8	0.01207724	0.7	6.13E-08	2.5	8.08232E-05	1.4	0.0149827	0.8	1.56656E-06	2.0
223974_at	1.93336E-05	1.8	6.50E-08	5.8	5.4228E-07	2.1	2.81E-11	4.0	3.50405E-07	2.2	0.5324896	1.1
217745_s_at	2.5923E-07	1.8	0.02627914	0.7	7.09E-09	2.7	0.001623875	1.4	0.00609566	0.8	1.46775E-06	2.1
0.00083733	0.00083733	1.8	0.1228091	1.4	0.02086788	1.5	0.000350665	1.8	0.9928884	1.0	0.0134801	1.5
1552277_a_at	0.00285363	1.8	7.83E-09	3.4	0.000833715	1.5	2.10E-08	3.5	2.26484E-06	2.0	0.004901012	1.3
223834_at	0.003806337	1.8	9.89E-09	9.8	9.90533E-07	4.5	3.92121E-07	4.1	9.80623E-05	2.2	0.00419742	0.5
224836_at	2.34471E-05	1.8	5.42648E-06	2.1	0.0271429	1.2	1.09338E-05	1.9	0.2883372	1.0	0.120698	0.9
242149_at	0.00075349	1.8	0.7954772	1.0	0.000433003	2.0	0.000118677	1.5	0.2687533	0.8	0.000781717	1.7
228242_at	1.31953E-05	1.8	0.007995514	1.4	0.02128141	1.3	3.33515E-07	2.0	0.2556746	1.1	0.000593984	1.5
225878_at	0.000181148	1.8	0.001314513	1.9	0.3850077	1.1	2.998E-07	2.8	8.47479E-05	1.5	0.03176923	1.4
41386_i_at	0.000149891	1.8	4.83807E-07	2.6	0.002519578	1.5	1.0472E-07	2.9	0.00153899	1.6	0.3727647	1.1
227991_x_at	1.68865E-05	1.8	0.005152561	1.4	9.95333E-06	1.4	1.42401E-06	2.1	0.007311385	1.2	1.86E-09	1.7
212130_x_at	5.92571E-07	1.8	2.47E-07	2.2	0.009939785	1.2	4.21E-09	2.3	0.002536984	1.3	0.886336	1.0
222402_at	3.35934E-05	1.8	0.000100133	2.2	0.8703918	1.0	3.64237E-07	2.1	0.2075482	1.2	0.396547	1.1
220370_s_at	0.002267631	1.8	0.09892412	1.4	0.04649994	1.5	0.01421823	1.7	0.7905754	0.9	0.1235805	1.4
209238_at	1.93E-10	1.8	0.1555453	0.9	7.18E-08	2.1	5.33E-11	1.8	0.8505327	1.0	8.54E-08	2.1
225433_at	1.82964E-05	1.8	0.4111774	1.1	0.000394325	1.6	1.57727E-06	2.1	0.201057	1.2	2.18875E-05	1.8
205098_at	1.43225E-05	1.8	1.66503E-05	0.4	3.00E-08	4.3	0.09710487	1.2	0.000294964	0.7	2.31932E-06	2.8
201537_s_at	1.10344E-06	1.8	4.56E-09	2.2	0.1413695	1.1	1.69E-08	2.2	0.0049331	1.2	0.1726984	1.1
206176_at	0.004708506	1.8	0.01023992	1.5	0.05537236	1.3	0.0271029	1.6	0.4537159	0.9	0.296165	1.2
218238_at	4.24644E-05	1.8	9.90676E-05	1.9	0.2960467	1.1	7.6341E-05	1.8	0.8896574	1.0	0.3233959	1.1
236975_at	0.05697997	1.8	0.003951759	2.2	0.1147965	1.6	0.000391365	4.0	0.0245288	2.2	0.3575197	1.4
212810_s_at	0.000329736	1.8	0.05600558	0.7	3.67226E-06	2.6	0.468295	1.1	0.002548807	0.6	0.00566642	1.6
219397_at	8.66E-10	1.8	1.20088E-06	1.7	0.8323427	1.0	3.40E-12	2.3	1.45457E-05	1.3	0.000194977	1.3
226639_at	0.001062842	1.8	0.3826668	0.8	0.000416304	2.2	0.03250624	1.4	0.1426543	0.8	0.006875325	1.7
201866_s_at	2.03E-09	1.8	1.85339E-07	1.9	0.4788957	1.1	1.48295E-07	2.7	0.000867892	1.5	0.000440408	1.6
218694_at	0.005979227	1.8	0.9494025	1.0	0.001742898	1.9	0.1865892	1.4	0.2026619	0.8	0.1073078	1.4
202684_s_at	0.000280063	1.8	0.1206377	1.4	0.009923097	1.6	0.000188403	2.0	0.5425593	1.1	0.004154047	1.8
201170_s_at	3.90919E-06	1.8	6.09974E-05	1.6	0.02409488	1.3	1.91E-08	2.7	0.000630773	1.5	2.57804E-06	1.9
226452_at	0.000226004	1.8	0.2142767	1.2	0.001563159	1.6	0.000212032	1.7	0.8238097	1.0	0.001654896	1.6
202748_at	0.000958171	1.8	8.35739E-06	3.2	0.001177299	1.8	2.90E-09	3.1	0.001338016	1.8	0.7459107	1.0
210235_s_at	2.66397E-06	1.8	0.5407969	1.1	1.40E-08	2.3	7.06861E-05	1.5	0.1112823	0.9	1.95279E-07	2.0
218447_at	8.19921E-05	1.8	0.02075951	0.7	6.8906E-06	2.1	0.002538034	1.5	0.09699494	0.8	0.000157461	1.7

Figure 24-30

210973_s_at	0.01644473	1.8	0.1904863	1.3	0.00412219	1.9	0.1474692	1.5	0.3999246	0.8	0.06909793	1.6
244341_at	0.003572054	1.8	0.01038674	0.6	0.000282596	2.4	0.01354373	1.7	0.9405736	1.0	0.001143006	2.4
239825_at	0.00014423	1.8	0.000109414	1.8	0.1038995	1.2	3.86583E-05	2.1	0.1459537	1.2	0.9604737	1.0
224983_at	2.70441E-07	1.8	4.23188E-05	0.7	3.77E-10	2.6	0.01133483	1.2	0.000141499	0.7	1.64221E-07	1.8
1569003_at	0.000335356	1.8	0.01118784	1.8	0.1059524	1.2	9.24852E-07	2.3	0.07382579	1.3	0.000448376	1.6
244517_x_at	0.000106826	1.8	0.000654271	1.7	0.3932019	1.1	2.1795E-07	2.5	0.002216468	1.4	0.001767623	1.6
200564_x_at	0.004246914	1.8	0.01119892	1.5	0.04953525	1.5	2.22737E-05	2.1	0.406117	1.2	0.001306736	1.7
200953_s_at	2.01406E-05	1.8	0.006618578	1.3	9.46114E-05	1.5	0.001756701	1.5	0.05961938	0.8	0.01983053	1.3
223276_at	0.000157092	1.8	0.000157925	2.6	0.08049791	1.2	2.46194E-05	2.1	0.1376533	1.2	0.9459885	1.0
217824_at	0.000481543	1.8	1.92347E-05	2.3	0.1176001	1.2	4.84E-08	2.9	0.000786743	1.7	0.00944752	1.4
209573_s_at	0.008350592	1.8	0.000339651	3.3	0.02987359	1.6	6.91E-08	2.6	0.06209451	1.5	0.5589892	0.9
203695_s_at	0.02953446	1.8	0.002992536	2.8	0.1199334	1.4	0.000407872	2.9	0.02120384	1.7	0.4176882	1.2
222592_s_at	0.000586852	1.8	3.04164E-07	2.2	0.1162122	1.2	8.27808E-05	2.0	0.2702599	1.2	0.7897727	1.0
244251_at	1.25695E-07	1.8	5.10993E-05	1.8	0.05901269	1.2	1.43E-08	2.1	0.02076877	1.2	0.5443173	1.1
221504_s_at	7.64E-08	1.8	0.006104005	1.3	0.000226918	1.5	3.98E-10	2.2	0.002004958	1.3	8.41051E-07	1.8
219558_at	0.000164619	1.8	3.55446E-05	2.0	0.8662795	1.0	3.59175E-05	2.0	0.2934443	1.1	0.3420346	1.1
1560485_at	0.000111053	1.7	3.38E-08	3.9	6.66978E-06	2.0	1.79E-08	3.4	0.000016497	1.9	0.9116448	1.0
205269_at	8.39256E-07	1.7	6.14215E-07	2.1	0.01459625	1.3	6.89744E-07	2.1	0.04654877	1.2	0.7806505	1.0
223358_s_at	0.000551015	1.7	4.18431E-05	2.1	0.9414161	1.0	0.001067785	1.8	0.8559629	1.0	0.90757	1.0
38158_at	0.000766606	1.7	9.33432E-07	2.5	0.01328449	1.4	2.92084E-07	2.6	0.008372023	1.5	0.8002719	1.0
212314_at	0.000215319	1.7	0.001789222	1.8	0.7052792	1.0	6.92881E-06	2.2	0.05507544	1.3	0.02864757	1.3
220266_s_at	0.001055255	1.7	0.05028958	1.5	0.02504142	1.4	0.08188494	1.3	0.1385057	0.8	0.5427398	1.1
222409_at	7.04E-08	1.7	0.04297303	0.8	1.81E-08	2.3	0.000224704	1.4	0.02842433	0.8	1.76622E-06	1.9
203124_s_at	0.001474243	1.7	2.0663E-05	2.7	0.006969061	1.5	2.12571E-07	3.5	1.37413E-06	2.0	0.01707168	1.4
216594_x_at	0.007971056	1.7	0.3714896	1.2	0.1332317	1.4	0.000509689	2.1	0.3782085	1.2	0.01574709	1.6
235707_at	3.38062E-06	1.7	0.2387276	0.8	1.99788E-07	2.4	0.1088966	1.2	8.81716E-06	0.7	0.000259363	1.6
228793_at	0.000527122	1.7	0.02476398	0.8	3.97097E-05	2.1	0.007605411	1.4	0.2396425	0.8	0.000525916	1.8
217654_at	0.002111944	1.7	5.85161E-07	2.4	2.72111E-05	1.6	0.000597949	2.1	0.1804509	1.2	0.05439387	0.7
222309_at	0.000698719	1.7	0.01856753	1.6	0.595428	1.1	3.09039E-06	2.1	0.229496	1.2	0.09352111	1.3
204151_x_at	0.00998519	1.7	0.1655753	1.3	0.08362828	1.4	0.001376305	1.9	0.5658669	1.1	0.01784436	1.6
235466_s_at	0.000144277	1.7	0.2747524	0.8	1.22771E-06	2.2	0.07212085	1.3	0.01006392	0.7	0.000728751	1.6
220235_s_at	6.47976E-05	1.7	6.27368E-07	2.9	0.004555014	1.3	4.81767E-07	2.4	0.002982315	1.4	0.585595	1.1
210953_at	0.002086684	1.7	0.007407679	2.3	0.5442375	1.1	0.00014739	2.2	0.08955788	1.3	0.2578353	1.2
202627_s_at	0.007289954	1.7	0.08752561	0.7	1.18438E-05	3.2	0.0231913	1.6	0.7309091	0.9	5.39931E-05	2.9
209574_s_at	4.95696E-06	1.7	1.00768E-07	2.7	0.000235993	1.4	1.11E-09	2.5	0.000173651	1.5	0.862779	1.0
204969_s_at	0.000179218	1.7	0.02278272	2.0	0.3459506	1.1	0.000103829	2.1	0.1876174	1.2	0.0439544	1.4

Figure 24-31

214349_at	0.003867258	1.7	2.58E-09	4.5	3.47782E-07	3.7	8.05933E-07	6.0	4.54766E-05	3.5	0.8548533	1.0
204094_s_at	8.50617E-06	1.7	1.42E-08	2.1	0.03003782	1.2	8.19E-08	2.5	0.001570623	1.5	0.08683216	1.2
224831_at	8.21387E-05	1.7	0.000141755	1.8	0.2482322	1.2	5.49649E-05	1.9	0.3664095	1.1	0.8159497	1.0
217826_s_at	0.000236915	1.7	7.01703E-07	2.5	0.00901649	1.2	3.09492E-07	2.7	9.24828E-07	1.6	0.003180596	1.3
228967_at	0.000585999	1.7	0.001566717	2.0	0.02101046	1.4	3.77161E-05	2.1	0.1478291	1.2	0.3544505	0.9
201141_at	0.000618632	1.7	0.000559704	0.5	1.19947E-07	4.0	0.6855434	0.9	0.001047282	0.5	0.000380521	2.2
3.05664E-05	0.000664E-05	1.7	0.7859714	0.9	0.000363916	2.0	0.002406277	1.5	0.2068419	0.9	0.003249613	1.7
242990_at	0.001242165	1.7	0.01802786	0.6	1.92324E-05	2.4	0.2541489	1.2	0.113374	0.7	0.01239072	1.7
225551_at	8.68007E-05	1.7	0.3324952	1.2	4.88176E-05	1.9	0.000515051	1.4	0.1288711	0.8	0.000393759	1.6
203120_at	9.55171E-06	1.7	7.48E-10	3.0	3.59E-08	1.6	6.65E-09	2.7	1.83577E-07	1.6	0.3148145	0.9
243487_at	0.00337798	1.7	0.1098435	2.0	0.140038	1.3	0.000600606	1.7	0.9507508	1.0	0.08681872	1.3
219062_s_at	3.49343E-07	1.7	0.000165715	0.6	1.47E-12	3.0	0.8563955	1.0	7.982E-06	0.6	2.96483E-06	1.8
203704_s_at	3.29108E-06	1.7	0.001041923	0.6	5.57E-08	3.2	0.5795078	1.1	0.000840972	0.6	0.000129026	2.0
229865_at	0.001808356	1.7	8.0082E-06	2.7	0.000787133	1.5	1.26894E-05	2.5	0.00220287	1.5	0.9846505	1.0
211764_s_at	8.90E-08	1.7	6.11E-09	2.4	0.000457414	1.4	4.15E-08	2.3	0.003659957	1.3	0.5186592	0.9
242183_at	0.01990517	1.7	0.03241123	2.6	0.5845786	1.1	0.04826868	1.6	0.6329257	0.9	0.3107111	0.9
208925_at	1.42612E-07	1.7	0.00076656	1.7	0.0192096	1.1	7.52E-08	1.8	0.2085183	1.1	0.003241542	1.2
202150_s_at	0.001532412	1.7	0.02453166	0.7	1.60662E-06	2.5	0.1928243	1.2	0.02575252	0.7	0.000248227	1.8
215716_s_at	2.48507E-05	1.7	2.54636E-06	2.1	0.01633434	1.2	5.79732E-06	1.9	0.1397112	1.1	0.4131422	0.9
223716_s_at	1.22605E-05	1.7	2.81343E-05	1.8	0.6142658	1.0	5.23159E-07	1.9	0.1340082	1.1	0.04274765	1.2
218181_s_at	4.6244E-07	1.7	1.01441E-06	1.9	0.7876695	1.0	1.26E-08	2.1	0.01220445	1.2	0.03242018	1.2
212276_at	4.37264E-05	1.7	0.4889586	0.9	1.69507E-07	2.3	0.03744875	1.3	0.006029489	0.8	0.000110233	1.7
202021_x_at	5.46175E-06	1.7	8.76631E-07	2.1	0.01702145	1.2	4.65E-08	2.1	0.0038514	1.2	0.9973289	1.0
240983_s_at	0.004225986	1.7	0.2819307	1.4	0.002463316	1.7	0.05048834	1.4	0.180929	0.8	0.03646104	1.4
205816_at	0.2721534	1.7	0.000379023	9.4	4.49693E-05	5.6	0.00352099	4.3	0.009691135	2.5	0.001215878	0.4
215111_s_at	0.00583711	1.7	0.06205425	1.5	0.2087454	1.2	2.15695E-05	2.7	0.003616741	1.6	0.000420252	2.0
222547_at	1.4196E-05	1.7	4.50304E-05	1.9	0.9004774	1.0	3.92883E-05	1.8	0.4793297	1.1	0.4544217	1.1
216321_s_at	3.43E-10	1.7	4.99906E-06	1.8	0.7001721	1.0	2.26E-08	2.5	0.000165971	1.5	0.000367606	1.5
219253_at	1.45754E-06	1.7	4.71E-09	2.1	0.001604626	1.2	6.46E-09	2.2	3.51077E-06	1.3	0.02342352	1.1
206756_at	0.004113543	1.7	0.001400071	1.8	0.1106194	1.2	0.002661732	1.7	0.7653974	1.0	0.05773646	1.2
217672_x_at	0.000305833	1.7	0.02781045	1.5	0.09450167	1.2	0.000702859	1.7	0.9974172	1.0	0.1184207	0.8
222816_s_at	0.00022147	1.7	0.002355709	0.6	3.09E-08	3.1	0.7707733	1.0	0.00203897	0.6	0.002183127	1.8
244418_at	0.001751673	1.7	0.002821581	1.7	0.552399	1.1	9.26905E-07	2.6	0.004823913	1.5	0.01072458	1.4
222442_s_at	1.87163E-06	1.7	2.0738E-07	1.8	0.810926	1.0	1.39655E-07	1.9	0.005237152	1.1	0.002752562	1.1
204958_at	1.00676E-05	1.7	1.28187E-06	2.5	1.83002E-06	1.7	3.73E-08	3.3	4.19238E-05	2.0	0.1564033	1.2
225185_at	0.002123102	1.7	0.01238727	0.7	2.31353E-05	2.2	0.05614486	1.3	0.129872	0.8	0.000692427	1.8

Figure 24-32

229666_s_at	1.7	2.13731E-06	1.9	0.1062051	1.2	2.50135E-06	2.0	0.06080785	1.2	0.7877504	1.0
200952_s_at	1.7	0.0918484	1.4	0.02057698	1.5	0.4762957	1.1	0.02429897	0.7	0.9704413	1.0
212907_at	1.7	0.000607321	0.5	1.12827E-06	3.9	0.336243	1.2	0.1090613	0.7	0.000146027	2.7
202431_s_at	1.7	0.001771941	2.7	0.01395322	1.5	0.00361217	2.4	0.01413761	1.4	0.8657382	1.0
227534_at	1.7	1.31261E-06	1.8	0.2842546	1.1	2.62069E-06	2.0	0.005277087	1.2	0.005277087	1.3
239780_at	1.7	0.01590278	1.6	0.6600286	1.1	0.000143735	2.7	0.03559695	1.6	0.08983902	1.5
212777_at	1.7	0.4527921	0.9	1.62431E-06	2.0	0.00179737	1.3	0.03944638	0.8	3.2129E-06	1.6
1556588_at	1.7	0.000464252	1.7	0.009019001	1.4	1.79793E-05	2.0	0.2538948	1.2	0.04546411	0.8
230741_at	1.7	0.003803429	2.2	0.3398632	1.2	0.00015452	2.6	0.03278445	1.6	0.2703021	1.3
201023_at	1.7	2.67905E-06	1.9	0.1884111	1.1	2.92E-08	2.0	0.0150274	1.2	0.106537	1.1
207091_at	1.7	0.005161521	2.4	0.4201859	1.2	8.90261E-05	2.7	0.02703388	1.6	0.1312505	1.4
1555938_x_at	1.7	0.000531944	1.7	0.5189708	1.1	3.49648E-07	2.6	0.004439246	1.6	0.000633631	1.7
217823_s_at	1.7	3.71258E-06	2.4	0.01013441	1.4	1.23069E-06	2.7	0.000313458	1.6	0.1126148	1.2
222752_s_at	1.7	0.01146011	0.7	2.17912E-06	2.6	0.01369287	1.4	0.1431309	0.8	3.61552E-05	2.1
217354_s_at	1.7	0.1147113	1.5	0.03320634	1.5	0.05382603	1.4	0.198722	0.8	0.2993554	1.2
212691_at	1.7	0.003354223	2.3	0.9901659	1.0	7.0253E-05	2.0	0.2044964	1.2	0.1454478	1.2
212397_at	1.7	0.000165996	1.8	0.4528901	1.1	2.25901E-06	2.1	0.06103688	1.3	0.01462177	1.4
214359_s_at	1.7	0.01263249	2.0	0.1785284	1.1	5.74879E-05	1.7	0.7492512	1.0	0.1037426	1.2
206907_at	1.7	4.11184E-05	4.9	0.001057271	2.1	1.00029E-05	2.5	0.003731026	1.5	0.1088445	0.7
201008_s_at	1.7	0.1060671	0.6	6.81372E-06	2.5	0.000343948	0.5	8.38E-09	0.3	0.1694248	0.8
230170_at	1.7	5.50188E-06	2.7	7.13238E-05	2.3	5.30373E-07	5.0	3.26734E-05	3.0	0.1529585	1.3
216066_at	1.7	0.000967852	2.2	0.9386859	1.0	0.02326641	1.9	0.4359871	1.1	0.4584281	1.1
1559249_at	1.7	0.000967852	2.2	0.9386859	1.0	0.02326641	1.9	0.4359871	1.1	0.4584281	1.1
240085_at	1.7	0.001097811	4.2	1.96975E-07	2.0	0.014142	1.9	0.6026135	1.1	0.8799109	1.0
201972_at	1.7	0.004373985	0.7	2.05992E-06	2.1	0.009616612	1.4	0.1079908	0.8	0.000121054	1.8
205067_at	1.7	0.000610238	1.8	0.07727475	1.2	7.98609E-05	1.9	0.07942055	1.2	0.715614	1.0
223225_s_at	1.7	0.0429906	1.3	0.000621332	1.7	0.01868604	1.4	0.1299783	0.8	0.01930985	1.4
202391_at	1.7	0.00015398	2.0	0.5179881	1.1	4.86858E-05	2.0	0.01053807	1.2	0.1427442	1.1
238462_at	1.7	0.3870555	0.9	1.61773E-05	2.2	0.2148878	1.2	0.03927382	0.7	0.005170954	1.6
201565_s_at	1.7	8.73E-11	4.8	7.05E-08	2.5	3.95E-10	3.7	2.02289E-06	2.2	0.2017732	0.9
219371_s_at	1.7	0.2056957	0.8	2.09788E-06	2.1	0.04844916	1.3	0.02081886	0.8	0.000271235	1.6
220399_at	1.7	2.94361E-05	2.4	0.4789309	1.1	2.18974E-06	2.3	0.00586365	1.4	0.02291683	1.3
1559467_at	1.7	1.77658E-05	1.9	0.143448	1.2	3.55504E-07	2.2	0.05670368	1.3	0.4797719	1.1
223289_s_at	1.7	0.2545865	0.8	6.30867E-07	2.3	0.01366741	1.2	0.001520787	0.7	0.000107686	1.7
205270_s_at	1.7	0.000116108	2.1	0.002281106	1.2	5.68004E-06	2.0	0.006456337	1.2	0.6109212	1.0
241250_at	1.6	5.17968E-06	3.8	6.98382E-05	4.7	7.2702E-05	9.1	2.87431E-05	5.5	0.2526565	1.2

Figure 24-33

238432_at	0.005479462	1.6	4.88E-08	3.0	1.86559E-05	1.9	2.29323E-05	2.6	0.002370571	1.6	0.1777092	0.8
201536_at	1.8872E-06	1.6	1.94557E-05	1.7	0.1627392	1.1	3.62E-08	2.1	0.004397831	1.3	0.0854192	1.2
203574_at	5.36055E-05	1.6	8.68651E-06	2.3	0.002096121	1.5	1.5134E-05	2.4	0.01488398	1.5	0.9393131	1.0
222435_s_at	0.001541906	1.6	9.35097E-05	2.1	0.09672816	1.2	2.85137E-06	2.6	9.25845E-05	1.6	0.002020026	1.3
206571_s_at	2.69921E-05	1.6	1.98892E-05	1.9	0.6700177	1.0	2.91086E-06	1.8	0.2410851	1.1	0.1070009	1.1
209663_at	7.75032E-05	1.6	0.001552346	1.5	0.001897574	1.3	0.00294907	1.5	0.2269631	0.9	0.004973688	1.2
203843_at	0.000406358	1.6	0.001579366	1.7	0.7979871	1.0	2.44197E-06	2.0	0.06710751	1.2	0.06510827	1.3
208726_s_at	0.00055676	1.6	0.000388941	1.9	0.4820999	1.1	8.16184E-05	1.8	0.4015415	1.1	0.09759034	1.2
201009_s_at	0.001295713	1.6	0.1627055	0.7	3.6973E-06	2.0	0.006136024	0.7	6.21E-08	0.4	0.04276504	0.8
209122_at	0.01290914	1.6	0.9866085	1.0	0.000846121	1.8	0.001756384	1.9	0.2112982	1.2	6.97547E-05	2.1
230082_at	3.82508E-06	1.6	3.37704E-05	1.8	0.301338	1.1	1.64E-08	2.0	0.006653534	1.2	0.02262383	1.2
206039_at	0.01183736	1.6	2.19522E-06	2.4	0.000868679	1.7	8.09476E-05	2.5	0.001489348	1.5	0.4298754	0.9
221676_s_at	1.66876E-07	1.6	0.1984997	0.9	1.00E-08	2.1	1.94066E-05	1.4	0.04103054	0.9	2.63794E-07	1.8
204088_at	8.64264E-06	1.6	1.55352E-05	1.8	0.4608612	1.1	1.09885E-06	1.8	0.2911704	1.1	0.1025397	1.2
239914_at	0.01427677	1.6	0.000233103	5.4	5.27681E-05	2.5	1.75276E-07	4.1	3.06805E-05	2.5	0.9587413	1.0
201647_s_at	0.000151574	1.6	0.1426164	0.8	3.68325E-07	2.3	0.08744307	1.2	0.007184258	0.7	4.26827E-05	1.6
201925_s_at	0.008783737	1.6	3.64374E-06	2.8	4.58403E-05	2.2	3.90228E-06	3.1	0.000844687	1.9	0.3761564	0.9
211423_s_at	0.000760068	1.6	0.1924146	0.8	6.52142E-05	2.4	0.1428817	1.2	0.08604249	0.8	0.003891362	1.8
206991_s_at	0.001988487	1.6	0.00985752	1.5	0.1427509	1.2	2.93451E-05	2.1	0.08160929	1.3	0.00302643	1.6
242669_at	0.003375195	1.6	0.000602601	1.6	0.7964548	1.0	2.25865E-05	2.1	0.1271007	1.3	0.03722996	1.3
1557910_at	0.000764813	1.6	0.02167197	1.9	0.2175641	1.2	0.001512507	1.6	0.9941086	1.0	0.2462705	1.2
226982_at	0.000574892	1.6	1.44567E-07	2.1	0.03872576	1.2	1.04775E-05	2.0	0.04700308	1.2	0.9180988	1.0
210338_s_at	0.000782881	1.6	0.1788831	1.4	0.004575363	1.4	0.02775461	1.3	0.0372183	0.8	0.1667345	1.2
244598_at	0.000205747	1.6	2.56607E-05	1.9	0.03287594	1.2	5.17129E-06	2.0	0.006267548	1.2	0.6044021	1.0
203213_at	0.08939909	1.6	1.97E-08	12.8	4.71E-08	9.4	1.95835E-06	6.5	0.000120992	4.0	0.002627746	0.4
228487_s_at	0.003332874	1.6	0.002354942	0.5	5.65027E-07	3.8	0.8591476	1.0	0.01031017	0.6	0.00070147	2.3
219584_at	0.2543997	1.6	5.80822E-05	8.5	0.000110017	4.7	0.00073712	4.7	0.004726905	2.9	0.07415026	0.6
244499_at	0.01578231	1.6	0.000303406	2.6	0.001453595	1.8	0.000178006	2.2	0.04565845	1.4	0.09690589	0.8
231967_at	0.00126574	1.6	0.005190317	1.6	0.3527283	1.1	4.03454E-06	2.0	0.1383358	1.2	0.00411339	1.3
202716_at	0.002204925	1.6	1.66403E-05	2.2	0.03688196	1.3	2.0211E-05	2.2	0.01893795	1.4	0.5473095	1.1
236869_at	0.00078337	1.6	0.2056189	0.8	0.001384939	1.8	0.000419872	2.3	0.06980391	1.4	0.00020032	2.7
226541_at	0.000730801	1.6	2.25634E-05	2.3	0.1656474	1.3	4.45E-08	2.8	0.000505781	1.7	0.03657398	1.4
219326_s_at	0.000220043	1.6	0.006258084	6.0	0.000199581	2.2	3.51305E-06	2.9	0.001346925	1.8	0.2780502	0.8
237747_at	0.01077093	1.6	0.1043741	1.4	0.8215613	1.0	0.002609884	2.5	0.1140293	1.5	0.184019	1.5
202656_s_at	0.00287786	1.6	0.2119064	1.1	0.002918083	1.6	2.18022E-05	2.0	0.1532159	1.3	2.28881E-05	2.1
204357_s_at	0.01802679	1.6	0.003461475	0.4	1.80172E-05	3.0	0.4322602	0.8	0.02029262	0.5	0.2291455	1.5

Figure 24-34

223288_at	1.50E-08	1.6	0.006321713	0.8	2.49999E-07	2.2	0.03805163	1.2	0.003050278	0.7	0.000211689	1.6
211488_s_at	0.09037905	1.6	0.000202383	3.8	7.76854E-07	3.0	0.000950858	3.0	4.40512E-05	1.9	0.002986501	0.6
205756_s_at	0.003701106	1.6	1.81E-08	3.9	5.48168E-06	2.3	1.86549E-07	4.2	2.11071E-05	2.6	0.550566	1.1
1554414_a_at	2.97643E-05	1.6	7.16302E-06	2.3	0.3229794	1.1	1.88E-08	2.3	0.000419547	1.5	0.02313234	1.3
202847_at	0.005431782	1.6	0.008185904	0.7	7.41137E-05	2.2	0.1753325	1.2	0.05320589	0.7	0.001402656	1.6
236989_at	0.00213899	1.6	0.004133427	1.5	0.3605092	1.1	2.19741E-06	2.3	0.002407985	1.5	0.03613956	1.3
200732_s_at	5.8215E-07	1.6	1.40E-08	2.0	0.02361945	1.2	3.56E-10	2.3	2.03323E-05	1.4	0.01337583	1.2
203480_s_at	1.4789E-05	1.6	0.006272789	1.6	0.1160066	1.2	1.43E-08	2.4	0.000281164	1.5	0.01213222	1.3
211527_x_at	0.04641245	1.6	0.02211047	2.0	0.609349	1.1	0.000666361	2.0	0.335899	1.2	0.6120973	1.1
240574_at	0.2793773	1.6	4.64861E-06	10.0	8.97887E-05	6.9	1.38893E-06	11.3	8.01565E-05	7.1	0.902892	1.0
218631_at	0.01582156	1.6	0.001228457	0.5	1.45739E-06	3.3	0.2460119	0.8	0.000998663	0.5	0.01277858	1.7
221688_s_at	3.67738E-05	1.6	2.5438E-05	0.6	5.40E-10	2.7	0.7170169	1.0	8.16729E-05	0.6	2.99897E-05	1.7
212374_at	8.61756E-06	1.6	0.4226691	0.9	1.35E-08	2.1	0.02729969	1.2	0.00161603	0.7	9.09244E-06	1.6
202187_s_at	0.0005819	1.6	0.002878669	0.8	1.54815E-06	2.0	0.01175787	1.3	0.0600579	0.8	1.21866E-06	1.7
223309_x_at	3.18856E-05	1.6	5.41E-08	2.0	0.1253121	1.1	1.32E-08	2.2	0.000350033	1.4	0.01080155	1.2
214637_at	0.03324281	1.6	0.000744121	4.1	7.70727E-05	2.6	4.53537E-06	5.7	0.000142622	3.6	0.2259752	1.4
224819_at	0.004959585	1.6	0.3040867	0.8	2.5683E-05	2.5	0.1607109	1.3	0.2665732	0.8	0.001530965	2.0
213560_at	0.001825817	1.6	0.000145485	2.0	0.06490489	1.3	9.97244E-07	2.3	0.01010325	1.4	0.6918096	1.1
231412_at	0.001300056	1.6	1.98885E-07	4.5	1.3605E-07	3.1	2.16E-09	4.4	1.75728E-07	2.8	0.4226025	0.9
1555259_at	0.006089661	1.6	0.000473469	3.4	0.000411412	2.2	1.96693E-06	4.2	0.000134183	2.7	0.4157384	1.2
208152_s_at	0.001432702	1.6	7.93997E-05	2.1	0.3993232	1.1	6.05093E-05	1.9	0.1400639	1.2	0.4241897	1.1
223377_x_at	0.006540818	1.6	0.1329326	1.3	0.0301631	1.5	0.005156181	1.7	0.7351201	1.1	0.01952189	1.6
211599_x_at	0.04444598	1.6	0.069633389	1.8	0.1364623	1.3	0.153666	1.4	0.4749655	0.9	0.4524048	1.2
239077_at	0.001558838	1.6	0.0280906	1.5	0.1865687	1.2	0.000234111	1.8	0.3618388	1.1	0.02707338	1.4
235207_at	0.004582321	1.6	0.1844829	0.6	9.72718E-06	3.0	0.05289543	1.3	0.1772827	0.8	7.09997E-05	2.4
223984_s_at	0.002747318	1.6	3.08438E-05	2.3	0.005660428	1.7	2.79987E-05	2.4	0.02648349	1.5	0.5772645	0.9
229444_at	3.52972E-06	1.6	0.207502	1.2	0.1055538	1.2	7.24E-09	2.1	0.001105273	1.3	8.80896E-05	1.5
1555781_at	0.002275233	1.6	0.8935621	1.0	3.63089E-05	1.9	0.006171735	1.5	0.7532989	1.0	0.000153686	1.8
203123_s_at	0.006907785	1.6	0.000182213	2.0	0.09658876	1.2	4.91297E-06	2.7	2.7229E-05	1.7	0.003026378	1.4
218971_s_at	0.000318593	1.6	0.001064826	0.6	2.04759E-07	2.6	0.9578131	1.0	0.000271104	0.6	0.000193273	1.6
204210_s_at	8.90286E-05	1.6	0.02105182	0.8	6.34E-09	2.2	0.5170184	1.1	0.000145007	0.7	0.000220083	1.5
224177_s_at	0.000100202	1.6	0.8992761	1.0	7.25E-09	2.1	0.3538601	1.1	3.42867E-07	0.7	7.51344E-05	1.4
209301_at	0.09206326	1.6	0.000149921	3.0	0.01377395	1.7	0.000455894	2.9	0.005337396	1.9	0.6486406	1.1
228397_at	0.009167729	1.6	2.88053E-05	1.9	0.3750571	1.2	1.58925E-06	2.2	0.05346904	1.4	0.1405021	1.2
201431_s_at	0.000925793	1.6	0.1838923	0.8	5.18683E-05	1.9	0.006136755	1.6	0.9795001	1.0	0.000463719	1.9
205306_x_at	0.02872545	1.6	4.54022E-06	3.1	0.000410935	1.7	5.58878E-05	2.9	3.4152E-05	1.8	0.5897056	1.1

Figure 24-35

1554472_a_at	0.004844869	1.6	0.004171438	1.7	0.6505187	1.1	8.99493E-05	1.8	0.2995465	1.2	0.08726956	1.2
203775_at	0.02669124	1.6	0.937427	1.0	0.1186163	1.4	0.000247917	2.1	0.1712122	1.3	0.004879698	1.9
212218_s_at	0.00556841	1.6	0.02185017	2.0	0.07910793	1.3	0.0764125	1.2	0.1391259	0.8	0.704313	1.0
203298_s_at	0.00348804	1.6	0.01413718	1.5	0.01338339	1.3	0.001922588	1.6	0.5907388	1.0	0.005126994	1.3
214729_at	0.2084938	1.6	0.000156026	5.1	0.002162087	2.8	0.00053555	3.2	0.01587656	2.1	0.08538475	0.7
210228_at	0.129184	1.6	0.04446699	2.0	0.4258758	1.2	0.000486645	3.5	0.00223702	2.2	0.002293742	1.9
215992_s_at	0.02118	1.6	3.98E-10	10.9	6.82E-09	5.8	1.78E-08	6.3	1.54712E-06	4.0	0.07025579	0.7
233003_at	0.04650137	1.6	0.008257706	2.0	0.675319	1.1	4.99625E-05	2.1	0.1962273	1.3	0.05391039	1.5
225048_at	0.002068948	1.6	0.007845509	1.7	0.442055	1.1	1.15684E-05	2.0	0.06392777	1.3	0.3826934	1.1
229757_at	0.000253003	1.6	1.07959E-05	2.2	0.000213144	1.5	7.88E-10	2.9	2.7246E-06	1.9	0.0136558	1.2
215100_at	0.000293983	1.6	0.007262143	2.1	0.6282325	1.0	6.72E-09	2.7	7.87201E-05	1.7	4.50064E-05	1.7
243604_at	0.002912724	1.6	0.1235585	1.4	0.9162946	1.0	8.62553E-05	2.1	0.06983817	1.3	0.05076515	1.3
209928_s_at	0.2411501	1.6	0.004048926	3.0	0.05070185	1.5	0.1183958	1.8	0.4821691	1.2	0.2504382	0.8
241824_at	0.02659621	1.6	0.1903304	1.2	0.9918324	1.0	0.000101727	2.2	0.03168282	1.4	0.01875549	1.4
229695_at	0.02749294	1.6	0.02144484	1.6	0.9560812	1.0	0.000850878	2.1	0.08927447	1.4	0.08990268	1.4
215547_at	0.2013617	1.6	0.3658236	1.2	0.5621483	1.1	0.01130202	2.5	0.0276655	1.6	0.08115277	1.4
224654_at	0.00336307	1.6	4.47056E-05	2.3	0.08957785	1.2	8.95799E-05	1.9	0.02328101	1.2	0.512587	1.1
201475_x_at	0.003542484	1.6	0.000799977	1.5	0.3187069	1.1	5.81361E-05	1.8	0.3021365	1.1	0.02106689	1.3
203479_s_at	0.03578597	1.6	0.000203784	2.4	0.7789295	1.1	0.000565846	2.3	0.1055136	1.4	0.1676172	1.4
200064_at	0.000320226	1.6	0.000135899	1.7	0.2667426	1.1	4.61354E-05	1.7	0.3212088	1.1	0.04490717	1.2
205128_x_at	0.006303658	1.6	0.04009137	0.7	0.000191938	2.1	0.423205	1.1	0.05159451	0.7	0.01855612	1.5
207526_s_at	0.04752666	1.6	0.001143728	1.9	0.4599139	1.2	0.005751469	2.1	0.24952	1.4	0.5189496	1.2
1554014_at	0.005882841	1.6	0.00802613	1.8	0.7228501	1.1	4.01E-08	2.1	0.02994874	1.4	0.02318719	1.3
1563959_a_at	0.003154281	1.5	0.000147273	1.9	0.138692	1.1	0.000856596	1.7	0.3860494	1.1	0.59864	1.0
224692_at	1.85819E-06	1.5	4.43E-11	3.4	1.8558E-07	2.1	2.41E-09	2.5	1.26649E-05	1.6	0.03133748	0.8
212717_at	1.32E-08	1.5	0.000233845	0.7	6.24E-12	2.0	0.009028643	1.2	0.000256091	0.8	7.83702E-07	1.6
219047_s_at	0.07090487	1.5	0.07448778	0.5	0.00058016	3.8	0.3253237	0.8	0.00727986	0.5	0.05958367	1.9
218789_s_at	3.50998E-05	1.5	1.7791E-06	1.8	0.004550615	1.3	1.43E-08	2.3	0.000335249	1.5	0.282243	1.1
23294_at	0.00011018	1.5	0.08981818	0.8	3.54E-08	2.0	0.2441062	1.1	0.001576678	0.7	0.00041693	1.5
213532_at	4.70956E-05	1.5	0.000237533	1.6	0.4691117	1.1	1.51499E-06	1.8	0.06043359	1.2	0.02603571	1.3
201235_s_at	0.007326329	1.5	0.001342738	3.1	0.005018956	1.6	0.000156951	2.3	0.04100311	1.5	0.7273039	0.9
217686_at	0.0304444	1.5	0.09264766	2.3	0.3457327	1.2	0.1524264	1.4	0.5519108	0.9	0.7920417	1.1
208290_s_at	0.00186396	1.5	0.009741784	1.7	0.09539665	1.2	0.000416516	1.6	0.6417456	1.1	0.0244987	1.3
211138_s_at	0.04016107	1.5	6.77466E-06	3.1	0.000364849	1.7	7.32639E-05	2.9	1.06377E-05	1.9	0.4979481	1.1
233121_at	0.3114702	1.5	0.000116278	2.8	0.03952639	2.4	0.002041228	3.5	0.08270433	2.3	0.8724253	0.9
238848_at	0.02747331	1.5	0.001262493	2.1	0.7513737	1.1	0.000162636	2.1	0.1008692	1.4	0.1131555	1.3

Figure 24-36

209611_s_at	0.004123057	1.5	0.1652035	0.8	1.18077E-05	2.4	0.2131746	0.9	0.001020312	0.6	0.05070196	1.3
232692_at	0.08092591	1.5	0.07499431	1.5	0.3123448	1.2	0.06745481	1.5	0.939352	1.0	0.3172938	0.8
218936_s_at	0.001158556	1.5	0.003369652	2.0	0.04370865	1.3	2.90E-08	2.0	0.03077068	1.3	0.8135266	1.0
205888_s_at	0.01938654	1.5	0.7907324	1.0	0.000427713	1.9	0.7258553	1.1	0.07375259	0.7	0.1389236	1.3
33323_r_at	0.002642506	1.5	2.44123E-07	2.3	0.000178464	1.8	5.96203E-06	2.8	0.001894514	1.8	0.9650552	1.0
212398_at	0.001632125	1.5	0.01764665	1.9	0.2676975	1.2	0.000483482	1.7	0.077727	1.1	0.07049807	1.3
244841_at	0.02570531	1.5	1.76261E-06	2.9	0.006071527	1.5	6.70355E-06	2.8	0.000186543	1.9	0.0921257	1.2
209017_s_at	5.27783E-05	1.5	0.006075634	0.6	8.52352E-06	2.3	0.07770655	1.2	0.003700625	0.8	0.000455909	1.8
228468_at	0.009866247	1.5	1.07947E-05	2.6	0.000122733	1.9	1.72211E-05	2.3	0.008785258	1.5	0.09229434	0.8
209813_x_at	0.2506587	1.5	2.32671E-06	5.6	8.47276E-07	6.2	0.005222593	3.5	0.00521616	2.3	0.003979023	0.4
216979_at	0.07596387	1.5	0.01134163	2.3	0.006031188	1.9	5.60538E-05	3.1	0.000703553	2.1	0.7050215	1.1
222573_s_at	0.008517226	1.5	5.36E-09	6.4	4.14E-09	3.5	6.55E-09	4.7	4.34221E-07	3.1	0.3305088	0.9
229054_at	0.04606097	1.5	0.001408878	2.0	0.001787783	1.5	0.000376679	2.5	0.000245773	1.6	0.7247778	1.0
227029_at	9.94823E-05	1.5	1.31348E-05	2.1	0.000463747	1.5	8.83E-08	2.0	0.005838753	1.3	0.2273587	0.9
236079_at	0.01019784	1.5	0.005827788	1.8	0.02520966	1.4	3.47424E-05	2.3	0.01471219	1.5	0.7078041	1.1
226939_at	0.01061083	1.5	0.002338717	1.7	0.4886827	1.1	5.66743E-07	2.6	0.004348529	1.7	0.01002195	1.5
223982_s_at	1.67032E-06	1.5	4.31781E-05	1.9	0.01255969	1.2	1.08002E-07	2.0	0.002616675	1.3	0.2752576	1.1
204048_s_at	4.62116E-05	1.5	0.000262664	1.5	0.635914	1.0	2.67E-09	2.4	5.25821E-05	1.6	2.47933E-05	1.7
207433_at	0.01868865	1.5	2.18E-10	12.1	4.47E-08	5.3	6.57E-12	7.2	1.21E-08	4.7	0.5436003	0.9
226075_at	0.1066289	1.5	0.000526551	2.4	0.01898937	1.9	1.36824E-05	3.2	0.003627171	2.1	0.5416517	1.1
225720_at	0.1252159	1.5	1.14E-15	63.1	2.46E-09	43.2	3.72E-10	31.8	5.53E-09	21.0	0.006129158	0.5
206036_s_at	0.001349184	1.5	7.79E-08	3.6	6.75936E-07	2.2	1.01667E-07	2.9	6.84328E-05	1.9	0.280575	0.9
215813_s_at	0.009366215	1.5	0.06308488	0.7	0.000171852	2.1	0.73873	1.1	0.03651654	0.7	0.0327801	1.5
218322_s_at	0.001893541	1.5	5.756E-06	2.0	0.01312522	1.4	6.29549E-06	2.0	0.04712157	1.3	0.6931803	1.0
219633_at	0.008883939	1.5	0.09392807	1.5	0.01478322	1.4	0.007857823	1.5	0.8649299	1.0	0.01319176	1.4
213111_at	7.74672E-05	1.5	0.00095217	0.7	3.54939E-07	2.1	0.7212952	1.0	0.001935771	0.7	0.002801182	1.5
240038_at	0.02319383	1.5	0.01205041	1.6	0.5077264	1.1	1.74883E-06	2.3	0.02009833	1.5	0.05982656	1.3
239056_at	0.000106686	1.5	0.06521742	0.7	0.000363041	2.0	0.4956032	1.1	0.006858053	0.7	0.03674679	1.5
203244_at	1.14018E-05	1.5	0.008605191	0.7	1.77055E-05	1.8	0.1897062	1.1	0.01371046	0.8	0.01795071	1.4
229665_at	0.002261182	1.5	0.00713558	1.9	0.9592888	1.0	0.001474304	1.6	0.5720599	1.1	0.6021193	1.1
216199_s_at	0.0547743	1.5	1.99E-09	8.9	1.89284E-07	5.2	8.86626E-07	6.1	2.82553E-05	4.0	0.3077205	0.8
223310_x_at	4.5634E-06	1.5	2.65151E-05	2.0	0.000135768	1.3	2.08E-09	2.1	1.69799E-05	1.4	0.1032402	1.1
214583_at	0.003779147	1.5	0.001787766	0.5	7.88E-08	3.2	0.018255	0.7	2.98131E-05	0.5	0.005358832	1.6
1560250_s_at	0.001470405	1.5	0.1161765	0.8	2.51621E-05	2.0	0.8322765	1.0	0.005964878	0.7	0.02916492	1.4
224413_s_at	0.000147559	1.5	0.000111982	0.6	3.40E-10	2.7	0.01493038	0.7	5.21089E-05	0.5	0.1331729	1.2
204618_s_at	0.000182809	1.5	0.00167136	1.6	0.7707807	1.0	2.70529E-07	1.9	0.0145576	1.3	0.02400488	1.3

Figure 24-37

236856_x_at	0.04207191	1.5	4.26263E-05	1.6	0.2101034	1.2	5.03935E-05	2.5	0.00224082	1.7	0.008188324	1.4
205013_s_at	0.1198981	1.5	0.00011139	3.9	5.55E-08	2.8	0.000443845	3.1	6.04868E-06	2.1	0.001854281	0.7
208708_x_at	0.006934854	1.5	0.005647724	1.6	0.08832368	1.2	0.000956729	1.6	0.5477329	1.1	0.01096785	1.3
206022_at	0.2351112	1.5	3.93968E-06	9.2	2.06318E-06	3.6	0.008032601	2.7	0.012368	1.8	0.002747379	0.5
238413_at	0.03480256	1.5	0.7698387	1.1	0.04007153	1.7	0.007150209	1.6	0.4911908	1.1	0.01634137	1.9
1555990_at	0.07331084	1.5	2.57789E-05	3.7	0.01786619	1.9	0.0001808831	2.3	0.05922487	1.5	0.4063145	0.8
1552329_at	8.11889E-05	1.5	9.16E-08	2.0	0.000422614	1.4	3.49E-08	2.0	0.000753978	1.4	0.5410551	1.0
215806_x_at	0.1545804	1.5	2.89507E-07	5.5	2.96555E-07	5.9	0.001959915	3.2	0.004936122	2.2	0.001861059	0.4
202269_x_at	0.004487826	1.5	3.26054E-06	5.0	5.16E-08	3.6	1.24782E-07	3.3	2.24167E-05	2.2	0.005835182	0.6
1558111_at	8.79289E-05	1.5	1.86513E-07	4.0	1.18251E-05	2.7	1.01445E-06	2.7	0.000207535	1.8	0.0311092	0.7
1559701_s_at	0.01837144	1.5	0.000657921	2.1	0.08863772	1.2	0.00075626	1.9	0.02053718	1.3	0.6551847	1.0
212181_s_at	0.00024585	1.5	0.002569997	0.7	1.54282E-06	1.9	0.001380327	1.6	0.6275631	1.1	1.98481E-05	2.0
214590_s_at	6.92096E-05	1.5	2.55231E-07	2.9	4.34735E-05	1.7	9.19804E-06	2.1	0.009093435	1.4	0.1171117	0.8
1555762_s_at	0.0238854	1.5	0.1136781	0.8	0.000234464	2.1	0.5855328	1.1	0.03937371	0.7	0.01213173	1.5
227622_at	0.002645289	1.5	0.000151117	1.9	0.04686764	1.3	8.6892E-07	2.3	0.001896837	1.5	0.06427691	1.2
230048_at	0.1023307	1.5	0.001914238	1.8	0.002189221	1.7	0.000323743	2.9	0.000442485	2.0	0.3946591	1.2
1554241_at	0.00218479	1.5	0.005333122	1.5	0.110827	1.2	3.28878E-05	1.7	0.319891	1.1	0.004812643	1.3
1553702_at	0.01583335	1.5	0.08394845	1.6	0.02372981	1.3	0.00322318	1.8	0.2274443	1.2	0.5656322	0.9
225096_at	0.003500169	1.5	0.03864385	0.7	7.7298E-05	2.0	0.02319795	1.3	0.3056751	0.9	0.000400921	1.8
228685_at	0.000946606	1.5	0.01715008	0.7	1.40825E-07	2.6	0.009005292	0.8	7.96918E-06	0.5	0.005064666	1.4
1568815_a_at	0.02586305	1.5	0.000188409	1.9	0.3455572	1.2	1.48859E-05	2.6	0.01009316	1.7	0.01570187	1.5
218108_at	4.14E-08	1.5	2.36218E-06	0.6	2.32E-11	2.7	0.05452007	1.1	5.79709E-06	0.7	7.57E-09	2.0
1553449_at	0.0453832	1.5	0.001774215	0.4	5.83161E-05	2.5	0.1260626	0.8	0.000220735	0.5	0.13274	1.3
224215_s_at	0.1590697	1.5	0.05987947	2.5	0.1820311	1.4	0.000493907	3.9	0.009597976	2.7	0.04349053	1.9
1557586_s_at	0.06359552	1.5	0.9246265	1.0	0.3903151	1.2	0.000372016	2.3	0.04390109	1.6	0.005207149	1.9
204132_s_at	0.01809905	1.5	0.000145785	2.4	0.01022492	1.5	0.000255381	2.0	0.05892528	1.4	0.5906125	0.9
1553432_s_at	0.02018517	1.5	0.2119293	1.4	0.4393393	1.2	0.000686652	1.8	0.1225194	1.2	0.1358527	1.5
203521_s_at	0.01662897	1.5	3.89878E-05	0.5	2.53062E-07	3.3	0.2544913	0.9	0.003200665	0.6	7.06492E-05	2.0
20166_at	0.002057805	1.5	0.03689669	0.8	1.47755E-05	2.0	4.39107E-05	1.6	0.3852179	1.1	8.72194E-07	2.3
239675_at	0.008805028	1.5	4.22624E-05	0.5	1.91E-08	3.2	0.001229728	0.6	5.50158E-06	0.4	0.09887281	1.3
201010_s_at	0.006907877	1.5	0.05855927	0.7	3.0315E-05	1.7	0.02804397	0.7	3.64243E-05	0.5	0.1111356	0.8
214845_s_at	0.000864668	1.5	0.3604418	1.3	3.56489E-06	1.6	0.1368507	1.2	0.03365222	0.8	0.007380865	1.3
210818_s_at	0.004868962	1.5	0.007277882	2.2	0.382538	1.1	0.0071797	1.6	0.7046361	1.1	0.686361	0.9
1563118_at	0.05193888	1.5	2.86E-09	7.6	7.54E-08	4.4	2.87E-09	6.7	5.05E-09	4.6	0.7711727	1.0
219634_at	4.9613E-06	1.5	3.89915E-06	2.0	0.000632331	1.3	9.39E-09	1.9	0.000524848	1.3	0.7801648	1.0
243977_at	0.2621254	1.5	1.68792E-05	4.0	1.61303E-06	3.4	0.003163062	3.1	0.000139649	2.1	0.00686065	0.6

Figure 24-38

231899_at	0.05825454	1.5	1.63245E-07	3.4	0.000563792	2.0	5.35E-08	3.8	2.95085E-05	2.6	0.04345075	1.3
1554730_at	0.001351637	1.5	0.000314724	2.1	0.009935008	1.4	1.73244E-06	2.0	0.00249411	1.4	0.9184744	1.0
225186_at	0.01579609	1.5	0.001280477	1.8	0.0576745	1.1	0.000247664	2.0	0.000818383	1.4	0.03141094	1.2
208047_s_at	0.0001204	1.5	0.000333726	3.3	4.19477E-05	1.7	1.85053E-05	1.8	0.05413892	1.2	0.006194736	0.7
226578_s_at	0.000402792	1.5	0.003169775	1.8	0.5131971	1.1	3.9628E-06	2.1	0.006080982	1.4	0.05064069	1.3
242297_at	0.005520491	1.5	0.01938851	0.6	0.000502415	2.3	0.7208223	1.1	0.0408884	0.7	0.02456372	1.6
210180_s_at	0.00883705	1.5	0.00205965	2.3	0.5199704	1.1	0.01563848	1.4	0.82421	1.0	0.6805984	1.1
202147_s_at	0.000342954	1.5	0.000222271	2.0	0.07480314	1.3	1.02045E-06	2.3	0.000723669	1.6	0.1348657	1.2
214867_at	0.000814464	1.5	0.001986694	1.8	0.00884735	1.5	0.004198645	1.5	0.6686385	1.1	0.04180269	0.7
210664_s_at	0.1294583	1.5	0.02834826	1.8	0.9986336	1.0	0.001295837	2.4	0.07182124	1.6	0.06899491	1.6
204233_s_at	0.02717474	1.5	0.1467909	0.8	9.03833E-06	2.3	0.346317	1.2	0.04171893	0.8	0.000275653	1.9
203665_at	0.008173745	1.5	0.01346527	0.6	0.000127895	2.7	0.6978585	1.1	0.01228548	0.7	0.003609083	1.9
1553740_a_at	0.04618732	1.5	0.009100033	3.2	6.10821E-05	1.8	2.82936E-05	2.7	0.000297078	1.9	0.9102218	1.0
1557049_at	0.002529556	1.4	1.57717E-05	2.1	0.05340769	1.3	4.25887E-07	2.5	0.000314892	1.7	0.05573532	1.3
203880_at	0.002665347	1.4	3.24387E-06	2.0	0.005738052	1.4	9.25533E-07	1.9	0.01645565	1.3	0.4782694	0.9
226750_at	0.01453342	1.4	0.0424277	1.5	0.5606674	1.1	0.000366201	1.8	0.0796171	1.2	0.04078348	1.3
231577_s_at	0.03523136	1.4	4.99008E-05	5.5	3.14764E-07	3.8	1.96079E-06	3.0	6.83458E-05	2.1	0.002638537	0.6
206035_at	0.002088458	1.4	0.000136428	2.6	0.003280395	1.9	4.53558E-07	2.8	9.50063E-05	2.0	0.7973122	1.1
210513_s_at	0.03223459	1.4	0.002439941	2.0	0.1734882	1.3	6.71748E-05	2.0	0.03403195	1.4	0.4855624	1.1
224470_at	0.07175881	1.4	0.1152574	0.7	0.0016898	2.6	0.05692619	1.3	0.5631312	0.9	0.001910394	2.3
1561640_at	0.09336691	1.4	3.96692E-07	5.7	6.30999E-07	4.9	2.73886E-06	4.2	0.000185295	2.9	0.03374026	0.6
1552485_at	0.02434294	1.4	0.000533453	1.6	0.9192515	1.0	3.66896E-05	2.3	0.01657622	1.6	0.01221167	1.5
1569190_at	0.007827606	1.4	0.000144755	1.9	0.000138087	1.7	3.03711E-05	2.1	0.01133889	1.4	0.2563692	0.9
212719_at	0.02764492	1.4	0.000112048	2.2	0.007373193	1.5	0.000316247	1.9	0.04102389	1.3	0.26825	0.9
213950_s_at	0.2266041	1.4	0.000134855	3.6	0.01627322	1.8	0.001127981	2.9	0.003158946	2.0	0.5077064	1.1
210512_s_at	0.02929358	1.4	0.000134333	1.9	0.03864028	1.4	8.34128E-06	2.2	0.009965028	1.5	0.5026949	1.1
212311_at	0.001152222	1.4	5.26103E-06	1.9	0.8426943	1.0	5.49542E-05	1.7	0.1051394	1.2	0.06189495	1.2
235194_at	0.005102108	1.4	0.7788805	1.0	0.000153747	1.6	0.01897583	1.4	0.6881348	1.0	0.001063118	1.6
224790_at	0.000802071	1.4	0.000126293	1.5	0.1718567	1.1	2.66872E-05	1.7	0.1449082	1.1	0.007491811	1.3
212619_at	0.04586254	1.4	2.62E-08	4.2	1.8854E-06	2.8	0.000110877	2.6	0.00247246	1.8	0.02223327	0.6
230844_at	0.2424116	1.4	0.000634906	3.7	6.92275E-07	4.9	7.69732E-05	4.5	3.12477E-05	3.1	0.005242156	0.6
222767_s_at	0.004395238	1.4	0.1551767	0.8	3.24691E-06	2.0	0.3609606	0.8	0.008777633	0.6	0.3778855	1.2
212463_at	0.08628749	1.4	0.1422866	1.5	0.1156956	1.4	0.008143859	1.6	0.5620407	1.1	0.018000838	1.6
205872_x_at	0.1387852	1.4	0.015050557	2.1	0.08518808	1.4	0.00098244	2.2	0.03769612	1.6	0.6325161	1.1
225047_at	0.000475458	1.4	1.01231E-06	2.4	0.000223411	1.6	3.47198E-05	2.1	0.01056916	1.4	0.420471	0.9
203372_s_at	0.1079352	1.4	0.02061126	2.8	0.02746179	1.6	8.57882E-05	2.9	0.003477412	2.0	0.3468599	1.2

Figure 24-39

203744_at	0.01142244	1.4	0.007825158	0.6	0.000022552	2.1	0.7747418	1.0	0.02250305	0.7	0.03032147	1.4
202146_at	0.008753344	1.4	0.000427673	1.9	0.03260642	1.4	5.3904E-06	2.5	0.001607818	1.8	0.178566	1.2
202392_s_at	0.001275952	1.4	0.1019397	0.8	1.57223E-05	2.1	0.000401955	1.5	0.6135935	1.1	7.3173E-06	2.2
203097_s_at	0.01922008	1.4	2.58E-09	5.5	1.98E-08	3.8	5.29E-11	4.2	6.0705E-07	2.9	0.004675521	0.8
212373_at	0.001051481	1.4	0.1855918	0.8	1.32451E-07	2.2	0.5152295	1.1	0.001966822	0.7	7.02184E-05	1.6
202843_at	0.02885799	1.4	7.93285E-05	2.2	0.006769004	1.6	0.002004002	1.8	0.2017628	1.2	0.1646946	0.8
215173_at	0.3616514	1.4	0.000013793	7.4	0.000150013	5.5	0.000581811	4.2	0.01230842	3.0	0.07198441	0.5
206341_at	0.2073523	1.4	9.26306E-06	4.7	1.90371E-05	3.9	0.000121467	3.3	0.000627361	2.3	0.0166988	0.6
220444_at	0.001325222	1.4	0.11108	0.7	0.002432135	2.4	0.5409567	0.9	0.03257659	0.6	0.1766588	1.5
1555399_a_at	0.02923703	1.4	0.000311102	2.0	0.01454533	1.4	0.001260554	1.8	0.1010039	1.3	0.4573209	0.9
238727_at	0.2677168	1.4	5.95E-09	18.0	2.72E-10	12.3	3.0111E-06	9.0	1.63E-08	6.3	0.00010333	0.5
239486_at	0.05557017	1.4	1.31169E-06	3.4	4.21965E-05	2.4	9.87044E-06	2.5	0.001128141	1.8	0.06860469	0.8
205746_s_at	0.04956987	1.4	0.02148162	1.7	0.6988528	1.1	0.00695197	1.9	0.2306839	1.3	0.3207211	1.2
206079_at	0.03679956	1.4	0.00073263	2.7	0.03002098	1.4	8.82367E-05	2.0	0.04356973	1.4	0.9214756	1.0
204729_s_at	0.01410802	1.4	0.000661353	0.5	1.98349E-07	2.6	0.2005452	0.8	0.001499369	0.6	0.004552504	1.5
1569325_at	0.03129004	1.4	0.02463729	1.8	0.9890455	1.0	0.001707157	1.7	0.3243274	1.2	0.2637738	1.2
203096_s_at	0.03711995	1.4	4.17E-11	7.7	2.41E-09	5.1	4.15E-10	5.0	1.78878E-07	3.5	0.01582872	0.7
204902_s_at	0.03586962	1.4	0.02936651	0.6	0.000282163	2.2	0.1085769	1.3	0.6933597	0.9	0.001173849	2.0
230762_at	0.006943338	1.4	5.47003E-05	2.1	1.87138E-06	1.9	4.41032E-07	2.5	8.65639E-05	1.8	0.5115519	0.9
211105_s_at	0.003248123	1.4	2.00E-08	2.1	0.002276107	1.4	4.63349E-07	2.0	0.004671548	1.4	0.9860731	1.0
201531_at	0.000200737	1.4	0.000332579	1.7	0.003133067	1.4	1.40662E-07	2.2	0.000119947	1.5	0.6020437	1.1
202073_at	0.2267432	1.4	0.000241406	2.9	0.004990079	1.9	0.004257462	2.5	0.01307476	1.8	0.7969192	0.9
1558561_at	0.0277567	1.4	0.1534177	0.7	0.00174125	2.2	0.4719569	0.9	0.0202394	0.6	0.1437905	1.4
205281_s_at	0.00103699	1.4	3.31E-08	2.8	2.12421E-06	2.1	3.67903E-06	2.3	0.000868729	1.6	0.0569304	0.8
204209_at	8.23015E-06	1.4	0.00310381	0.7	2.47E-09	2.1	0.7142485	1.0	3.9059E-05	0.7	1.05436E-05	1.5
204049_s_at	0.000471369	1.4	0.09628639	1.4	0.09421567	1.2	2.20614E-05	2.0	0.005483327	1.5	0.000566104	1.7
209486_at	0.001552365	1.4	1.01629E-05	1.9	0.01015184	1.2	0.000243796	1.6	0.160005	1.1	0.3632452	0.9
211160_x_at	0.004261317	1.4	0.008400851	0.7	1.75568E-06	2.1	0.03736297	1.3	0.423175	0.9	1.85332E-05	1.9
218450_at	0.001077649	1.4	0.01203665	0.7	7.50719E-06	2.1	0.9423853	1.0	0.000672588	0.7	0.002583154	1.5
202149_at	0.05285737	1.4	0.000377773	0.6	3.8217E-05	2.3	0.8002095	1.0	0.06396392	0.7	0.000273608	1.7
207539_s_at	0.1008286	1.4	0.02659047	1.6	0.6846673	1.1	0.004685989	2.1	0.0711451	1.5	0.1306175	1.4
227755_at	0.000558038	1.4	2.73721E-05	1.8	0.000206104	1.4	1.53E-08	2.2	4.59405E-06	1.6	0.05580205	1.1
209939_x_at	0.01184768	1.4	1.18E-11	4.7	1.16E-10	3.3	2.44E-09	4.0	9.91E-09	2.8	0.1628676	0.9
204057_at	0.004214646	1.4	1.69564E-06	2.2	0.002098462	1.5	4.7093E-07	2.5	0.000212064	1.8	0.3167018	1.1
239045_at	0.0174573	1.4	0.01789743	1.6	0.4424785	1.1	2.47991E-06	2.1	0.00176786	1.5	0.01491339	1.3
208960_s_at	0.009838431	1.4	0.001399494	2.5	0.001894508	1.6	1.75378E-06	3.1	9.45232E-05	2.2	0.04518493	1.4

Figure 24-40

20961_s_at	0.01050681	1.4	6.99099E-06	2.1	0.000549511	1.5	1.33544E-06	3.0	7.53512E-05	2.1	0.02884391	1.4
241331_at	0.0684581	1.4	0.04529588	1.3	0.07545387	1.2	0.000162374	2.6	0.002355046	1.9	0.02109601	1.5
1568616_a_at	0.1934166	1.4	6.06514E-05	2.6	0.000279234	2.6	7.34488E-06	3.7	0.000289125	2.7	0.7848882	1.0
204089_x_at	0.0858828	1.4	1.54E-10	7.5	3.00E-08	4.8	1.8495E-07	5.1	4.25412E-06	3.7	0.1837686	0.8
26784_at	0.06716329	1.4	3.32E-08	4.9	1.08195E-06	3.3	2.63121E-05	2.8	0.002364203	2.0	0.01207823	0.6
236528_at	0.03511782	1.4	0.185832	1.6	0.783206	1.0	0.000325756	2.3	0.01542345	1.7	0.01149814	1.7
207767_s_at	0.03619188	1.4	0.04268894	1.5	0.001304576	1.5	0.002174358	1.9	0.07911912	1.3	0.4872041	0.9
204347_at	0.2524749	1.4	0.003982918	3.7	0.001796062	2.2	0.001366227	2.9	0.001490968	2.1	0.9122781	1.0
23273_at	0.001162755	1.4	0.008303627	0.6	2.75692E-07	2.2	0.1960357	1.1	0.01695852	0.8	1.71621E-05	1.8
202270_at	0.0694509	1.4	7.32926E-05	3.7	1.48672E-05	3.0	1.95346E-05	2.7	0.002324728	1.9	0.02983554	0.6
228914_at	0.1776227	1.4	0.000311481	2.5	0.008979685	1.8	0.06003415	2.0	0.3281559	1.4	0.4306509	0.8
1554283_at	0.01378065	1.4	5.62E-10	7.3	1.16E-10	5.9	1.00E-08	4.4	3.42956E-07	3.2	0.001128743	0.5
206118_at	0.0635924	1.4	5.61E-08	4.0	3.13927E-06	2.5	6.39594E-05	2.4	0.000283489	1.7	0.01783963	0.7
221485_at	0.01135862	1.4	4.30824E-07	2.4	3.53521E-06	1.6	6.56976E-05	1.9	0.000185535	1.3	0.02071308	0.8
209544_at	0.06459104	1.4	7.24875E-07	5.3	4.81458E-07	4.1	1.95088E-07	3.7	1.13492E-05	2.7	0.03714191	0.7
211139_s_at	0.01384332	1.4	3.77024E-07	3.0	9.00978E-07	1.7	4.06075E-05	1.9	0.00125539	1.4	0.02700059	0.8
235177_at	0.06793211	1.4	5.28517E-07	2.6	0.002233682	1.9	2.11456E-05	2.5	0.006990402	1.8	0.7524845	0.9
218276_s_at	0.09814013	1.4	2.70E-09	6.3	4.59411E-07	4.2	3.60E-09	5.0	3.09585E-06	3.6	0.3039959	0.9
217825_s_at	0.002237041	1.4	6.77476E-06	1.8	0.0796583	1.2	2.78E-08	2.1	0.000123224	1.5	0.005968437	1.3
203060_s_at	0.02345775	1.4	0.02010674	0.7	1.49805E-05	2.1	0.9282722	1.0	0.0157177	0.7	0.003040585	1.5
217949_s_at	0.04356455	1.4	0.000994271	0.6	9.96975E-06	2.4	0.9691112	1.0	0.08543784	0.7	0.002654342	1.7
228381_at	0.01564327	1.4	3.56318E-05	2.9	0.000882403	2.1	8.91041E-07	5.6	7.26592E-06	4.1	0.01256474	1.9
228083_at	0.04929081	1.4	0.1174139	1.3	0.117013	1.3	8.21236E-05	1.8	0.06138358	1.3	0.000638015	1.7
224889_at	0.02677843	1.4	0.000309943	1.8	0.0231204	1.4	1.17881E-06	2.0	0.009356025	1.5	0.7210569	1.0
213142_x_at	0.03463855	1.4	5.15579E-07	2.4	0.000196961	1.6	3.39159E-05	2.1	0.000309944	1.5	0.766305	1.0
243423_at	0.1779713	1.4	2.93879E-05	4.7	1.11903E-06	4.1	1.4855E-06	5.0	2.12167E-06	3.7	0.6477436	0.9
236115_at	0.001227792	1.4	0.003243045	0.6	6.3958E-05	2.2	0.5640214	0.9	0.02179013	0.7	0.04794767	1.5
210563_x_at	0.02807226	1.4	1.15E-11	5.1	1.88E-10	3.3	1.09E-08	3.6	2.25E-08	2.7	0.06672155	0.8
212171_x_at	0.05193824	1.4	0.000237222	2.0	0.03020486	1.4	3.59185E-05	2.0	0.01281933	1.5	0.6409199	1.1
201688_s_at	0.4760892	1.4	2.24199E-05	7.6	1.66944E-05	5.9	0.000134748	6.8	5.18035E-05	5.0	0.3943206	0.8
222883_at	0.07602426	1.4	0.01250033	0.6	0.000458689	2.1	0.4761709	0.9	0.02330008	0.7	0.02700607	1.4
202043_s_at	0.06444751	1.4	0.001947507	2.0	0.05821101	1.5	7.46714E-05	2.1	0.01267321	1.5	0.8723102	1.0
221039_s_at	0.01700889	1.4	0.02454441	1.7	0.4395249	1.1	0.000178129	1.6	0.1588048	1.2	0.01233886	1.3
215134_at	0.001560074	1.4	8.61636E-06	0.5	7.21E-08	2.5	0.5451878	0.9	6.22924E-05	0.7	3.26387E-05	1.7
209272_at	0.00140441	1.4	7.25579E-07	2.4	6.27E-09	1.7	2.13928E-06	1.8	6.15534E-06	1.3	0.000568578	0.8
229958_at	0.03439787	1.4	0.001946471	0.4	5.13997E-05	3.7	0.4665495	0.9	0.01381342	0.7	0.0021291	2.4

Figure 24-41

234315_at	1.4	0.0490373	1.5	0.09569769	1.2	1.04671E-05	2.1	0.002004458	1.5	0.04256033	1.3
210935_s_at	1.4	0.04971617	2.2	0.9935851	1.0	0.05896416	1.3	0.8447229	1.0	0.8493614	1.0
210655_s_at	1.3	0.00346412	2.5	0.03142132	1.6	0.000370969	2.1	0.03741487	1.6	0.9891339	1.0
209345_s_at	1.3	4.38885E-05	0.5	2.94474E-07	2.7	0.02060832	0.9	5.29E-08	0.6	0.000125467	1.7
210916_s_at	1.3	0.001662025	1.9	0.5197925	1.1	0.00047632	1.6	0.1295844	1.2	0.3979067	1.1
1566079_at	1.3	0.003897333	2.3	0.06840385	1.6	0.000407704	2.9	0.008307722	2.1	0.2116378	1.4
224911_s_at	1.3	0.09966808	1.0	0.2000436	1.4	1.18551E-05	2.0	0.01426863	1.5	0.008625613	2.1
231779_at	1.3	1.16922E-05	2.1	1.40E-08	1.6	2.36194E-06	2.1	7.34E-08	1.6	0.5830632	1.0
1556414_at	1.3	1.91888E-05	6.6	0.00054048	5.8	3.84019E-07	9.2	0.000189565	6.9	0.5751542	1.2
1569827_at	1.3	0.001370239	3.0	0.04820127	1.5	0.03148997	1.8	0.2930768	1.3	0.6045224	0.9
206214_at	1.3	0.003128626	2.0	0.01691908	1.4	0.4305882	1.2	0.5258097	0.9	0.01362812	0.6
228371_s_at	1.3	0.01041983	1.7	0.5322202	1.1	0.000132873	1.7	0.02959911	1.3	0.01246113	1.4
220507_s_at	1.3	6.0806E-07	4.9	4.92363E-07	2.8	3.92139E-06	3.1	4.735E-05	2.4	0.2696378	0.8
203712_at	1.3	0.01958079	2.2	0.4115001	1.1	0.00295254	1.5	0.2161524	1.1	0.7911632	1.0
201738_at	1.3	1.32E-10	2.5	1.51901E-07	1.8	1.28E-08	2.0	1.66749E-05	1.5	0.01563941	0.8
1552398_a_at	1.3	0.000104677	2.9	0.000689669	2.1	0.002121004	2.0	0.02694975	1.5	0.07934441	0.7
1555950_a_at	1.3	9.38411E-06	2.5	6.68925E-05	2.0	3.00068E-06	2.5	0.000162451	1.9	0.7689375	1.0
203125_x_at	1.3	3.10521E-05	2.1	0.00076784	1.4	1.18395E-07	2.3	1.67153E-06	1.7	0.01306826	1.3
204348_s_at	1.3	0.000145048	3.3	0.000659948	2.3	0.001390187	2.9	0.000467608	2.2	0.7484773	0.9
226268_at	1.3	5.33707E-05	1.9	0.01449192	1.4	7.06385E-06	1.8	0.001868653	1.3	0.9748127	1.0
214099_s_at	1.3	0.00242216	1.6	0.02581676	1.3	1.21989E-06	2.2	0.000500123	1.7	0.02386628	1.3
238790_at	1.3	1.06472E-05	3.8	0.000343138	3.4	3.46959E-06	4.4	0.000615549	3.3	0.9299926	1.0
209346_s_at	1.3	0.001733462	0.4	0.000104364	2.9	0.1110455	0.7	0.001023104	0.6	0.03851929	1.6
205568_at	1.3	2.28281E-07	2.2	8.75736E-06	1.6	1.58841E-05	0.9	0.000840924	0.7	7.99776E-05	1.7
211269_s_at	1.3	5.72963E-05	5.9	1.55138E-06	4.3	0.000920465	3.1	0.000502123	2.3	0.005325087	0.5
226560_at	1.3	7.07E-09	9.0	5.44993E-06	5.9	1.97948E-05	4.2	0.000318249	3.2	0.000579684	0.5
209700_x_at	1.3	0.000109739	1.7	0.01416787	1.4	1.76667E-05	2.1	0.006434209	1.6	0.3532229	1.1
223282_at	1.3	0.01156316	0.5	2.88352E-05	2.9	0.1442146	0.8	0.000122262	0.6	0.00570426	1.8
244780_at	1.3	1.90E-08	10.8	5.42554E-07	5.9	0.00013888	4.2	3.37127E-05	3.2	0.009727307	0.5
244668_at	1.3	0.001879033	2.5	0.01094498	2.1	0.007187911	2.2	0.09143434	1.7	0.4464852	0.8
224606_at	1.3	6.51922E-07	1.9	8.33141E-05	1.4	4.44965E-07	2.3	3.14802E-05	1.7	0.07149725	1.2
201926_s_at	1.3	1.50531E-05	2.6	0.000112124	2.0	8.39203E-06	2.5	0.000435682	1.9	0.7031685	0.9
202861_at	1.3	0.002421574	0.4	0.004153428	2.4	0.1914153	0.8	0.006728925	0.6	0.2147771	1.4
212663_at	1.3	0.000423941	0.6	1.78E-09	2.4	0.3326089	0.9	0.000282791	0.7	3.18679E-07	1.7
227786_at	1.3	0.005080121	1.5	0.002275126	1.5	0.000389202	1.7	0.03738548	1.3	0.2407647	0.8

Figure 24-42

1554237_at	0.1001261	1.3	1.48633E-07	2.8	0.000233487	1.9	0.00081189	2.0	0.02724056	1.5	0.1465659	0.8
204841_s_at	0.00982472	1.3	0.1356811	0.7	0.000460137	2.0	0.5759768	1.1	0.1791504	0.8	0.01207693	1.7
236080_at	0.2343689	1.3	0.0004138	1.9	0.01027499	1.4	0.007736444	2.0	0.00180866	1.5	0.5663984	1.1
210119_at	0.1700359	1.3	1.07734E-05	0.3	3.13772E-06	4.0	0.001639472	0.5	0.000355594	0.4	0.1354021	1.4
227697_at	0.008487051	1.3	3.59E-08	4.3	6.94E-11	3.4	2.58E-09	2.8	2.02646E-07	2.2	0.000456392	0.6
227947_at	0.04769482	1.3	0.01808339	1.5	0.5843253	1.1	4.75835E-07	2.0	0.003692708	1.5	0.001433997	1.6
230888_at	0.06142981	1.3	0.001282832	0.6	2.18773E-05	2.1	0.9177244	1.0	0.04492952	0.8	0.000784206	1.6
1565772_at	0.1442945	1.3	0.1169418	1.4	0.4061789	1.2	0.001177541	1.7	0.08910825	1.3	0.01699038	1.6
222502_s_at	0.003819843	1.3	0.000465327	2.1	0.5484931	1.0	0.000892856	1.4	0.2453158	1.1	0.4231297	1.1
240260_at	0.2693077	1.3	3.74343E-05	2.3	0.01301886	1.8	2.0444E-05	2.8	0.003791977	2.1	0.2749797	1.2
31826_at	0.000294274	1.3	7.01266E-07	0.5	4.75E-10	2.7	0.3419371	0.9	3.25451E-05	0.7	1.88211E-07	1.9
203373_at	0.2364619	1.3	0.001439306	2.9	0.00165848	2.1	3.95305E-05	3.4	0.00097174	2.6	0.3450987	1.2
206943_at	0.07826861	1.3	0.01778082	0.6	6.49535E-06	2.2	0.1999688	0.8	0.004912568	0.6	0.005879038	1.5
212621_at	0.05201083	1.3	1.41E-09	4.7	9.76E-08	3.1	3.00242E-07	2.8	2.66479E-06	2.2	0.02227328	0.7
228758_at	0.08670612	1.3	2.78257E-05	2.6	0.000424147	1.8	4.64225E-05	2.5	0.001547003	1.9	0.8413019	1.0
244335_at	0.07365056	1.3	2.4245E-05	3.2	0.001323526	2.0	7.88222E-06	2.6	0.000258903	2.0	0.8651718	1.0
215185_at	0.1341235	1.3	0.03114809	0.6	7.32077E-05	2.5	0.5087213	0.9	0.06324296	0.7	0.01189512	1.8
218998_at	0.434706	1.3	0.004420206	1.7	0.04045999	1.9	0.008652059	2.0	0.1113636	1.6	0.2547643	0.8
207624_s_at	0.04240998	1.3	2.98E-08	3.0	0.000212957	1.7	1.40824E-07	2.6	1.19684E-05	2.0	0.2355659	1.2
235242_at	0.08030648	1.3	2.82141E-07	3.0	1.35303E-05	2.2	3.74864E-07	2.6	8.99899E-05	2.0	0.4611382	0.9
227723_at	0.1223701	1.3	0.00033351	3.1	0.008039249	2.0	0.005039482	2.0	0.05516871	1.5	0.3382087	0.8
205027_s_at	0.06778977	1.3	9.59E-12	8.0	3.72E-10	5.4	1.46E-08	3.4	1.3308E-06	2.7	0.000130429	0.5
240796_at	0.5036675	1.3	1.97375E-05	7.6	1.30365E-05	6.7	3.38456E-06	7.8	2.98771E-05	6.1	0.7008119	0.9
201631_s_at	0.002041878	1.3	9.78149E-06	1.9	5.67189E-05	1.6	1.741E-07	2.0	5.42279E-05	1.5	0.8183082	1.0
219448_at	0.2455703	1.3	0.0234818	0.5	0.001560612	3.2	0.1884973	0.7	0.01876822	0.6	0.09275253	1.8
1555858_at	0.02893676	1.3	0.05327552	1.3	0.5462808	1.1	1.28976E-05	1.9	0.003137938	1.5	0.001832735	1.6
1555832_s_at	0.01403674	1.3	4.38077E-05	1.9	6.7342E-06	1.6	3.50E-08	2.3	2.68527E-07	1.8	0.06430502	1.2
213065_at	0.001170632	1.3	4.18889E-07	2.2	2.32344E-06	1.5	1.31E-10	2.1	2.17492E-07	1.6	0.1895539	1.1
226811_at	0.1571926	1.3	0.001670866	1.8	0.00791202	1.5	0.003886168	1.8	0.04905662	1.4	0.7137839	0.9
207000_s_at	0.1599466	1.3	2.30932E-05	2.3	0.000112019	2.1	5.0551E-06	2.5	0.000160096	2.0	0.7810087	1.0
206474_at	0.05089357	1.3	0.09375706	2.1	0.431842	1.1	0.000198735	1.6	0.08451372	1.3	0.1655511	1.2
210559_s_at	0.2690237	1.3	5.34175E-06	10.9	6.58E-09	6.3	1.72912E-07	4.9	4.62835E-07	3.8	0.00113799	0.6
226021_at	0.05675522	1.3	0.000813635	2.0	0.008432842	1.5	0.000277797	1.9	0.0078156	1.5	0.9650643	1.0
203344_s_at	9.79056E-06	1.3	1.16E-09	2.4	3.04E-10	1.9	5.54E-12	2.1	3.59E-09	1.6	0.01661986	0.9
200670_at	0.1181769	1.3	0.000122248	2.5	6.43523E-05	2.0	0.000445201	1.9	0.005422226	1.5	0.09246471	0.8
224336_s_at	0.2338315	1.3	0.000131987	2.2	0.003416448	1.7	0.004869626	1.8	0.06368903	1.4	0.1880487	0.8

Figure 24-43

240572_s_at	0.07703944	1.3	6.50E-08	4.2	4.48559E-06	2.7	1.0144E-06	3.7	1.13198E-05	2.9	0.7281502	1.1
1560058_at	0.2573519	1.3	0.000945074	2.0	0.000729573	2.2	0.000110209	2.9	0.001727647	2.3	0.977128	1.0
214228_x_at	0.5279887	1.3	0.008009698	3.7	0.000247499	2.7	0.07696798	2.0	0.05996367	1.6	0.01236862	0.6
213337_s_at	0.3739114	1.3	0.0195779	1.8	0.09921947	1.6	0.007429515	1.8	0.0992232	1.4	0.6407084	0.9
221484_at	0.118095	1.3	5.69341E-06	3.0	1.51135E-05	1.8	5.63732E-05	2.0	0.000216258	1.6	0.1742375	0.9
212902_at	0.0365453	1.3	8.04204E-06	2.2	0.000274179	1.5	4.97694E-06	1.8	0.000355125	1.4	0.5673684	1.0
211367_s_at	0.1060764	1.3	0.000175961	2.7	0.000722848	1.8	7.44438E-05	2.0	0.000458872	1.6	0.4064663	0.9
1554175_at	0.06307799	1.3	0.1543838	0.7	3.74172E-05	2.1	0.02813619	0.7	5.26539E-05	0.6	0.2368208	1.2
242320_at	0.2933997	1.3	0.0166435	1.9	0.1566782	1.5	0.000522976	2.2	0.03806827	1.7	0.5899928	1.2
218749_s_at	0.003444224	1.3	0.000174113	0.6	7.22151E-07	2.2	0.01386022	0.8	0.000114417	0.6	0.03422338	1.3
225287_s_at	0.006988345	1.3	0.000251642	0.6	2.12404E-06	2.2	0.197037	1.1	0.4099875	0.9	3.9716E-05	2.0
204268_at	0.02591324	1.3	3.95782E-06	0.5	6.69E-08	2.5	0.005721154	0.8	6.76007E-05	0.6	0.001330846	1.5
222870_s_at	0.05456041	1.3	1.2007E-06	2.4	1.02066E-05	2.1	1.18866E-05	2.2	0.000388256	1.7	0.1813984	0.8
207442_at	0.4342214	1.3	2.21E-08	45.2	2.28E-11	54.4	1.87E-12	36.4	7.86E-10	29.0	0.01565452	0.5
215856_at	0.1667007	1.3	0.2449384	1.4	0.3856663	1.1	0.000320279	2.2	0.01289207	1.7	0.000835583	2.0
217738_at	0.003401689	1.3	1.64E-09	2.4	2.20E-09	2.1	1.42E-08	2.0	1.08231E-06	1.6	0.005666039	0.8
239453_at	0.1401115	1.2	0.006289787	2.3	0.000215368	1.9	0.000102344	2.6	0.000891816	2.1	0.7005857	1.1
227973_at	0.06243243	1.2	0.000667963	0.5	2.36619E-05	2.0	0.003291561	0.8	0.000154088	0.6	0.08509136	1.2
222150_s_at	0.09583018	1.2	9.83445E-06	2.3	0.00026665	1.6	0.000165209	1.9	0.001835059	1.5	0.7133425	1.0
238469_at	0.05576368	1.2	0.002090398	2.3	0.004772441	1.6	3.50431E-05	2.5	0.000482652	2.0	0.2255393	1.3
229521_at	0.1708365	1.2	1.88431E-05	2.3	1.50338E-05	1.7	0.1168574	1.3	0.5638059	1.1	0.001130804	0.6
232130_at	0.02785681	1.2	0.000399763	0.6	1.90476E-06	2.2	0.3788782	0.9	0.005628254	0.7	0.001988803	1.6
213497_at	0.3316933	1.2	9.43544E-05	2.4	0.000774185	2.1	0.004230759	2.0	0.01863158	1.6	0.1593402	0.8
219032_x_at	0.1369525	1.2	0.01369797	1.4	0.5912663	1.1	7.14238E-05	2.0	0.001123978	1.6	0.00233357	1.5
233020_at	0.1307278	1.2	1.92791E-06	2.1	0.001525134	1.6	2.93E-08	2.8	1.28733E-05	2.3	0.01045263	1.4
232504_at	0.3625136	1.2	5.38E-10	8.5	3.00E-08	6.3	7.29E-08	5.7	4.9146E-07	4.6	0.06185052	0.7
225699_at	0.04033613	1.2	3.28092E-07	2.4	1.00916E-06	1.9	3.79623E-06	1.9	5.96195E-05	1.5	0.04919487	0.8
235579_at	0.3265522	1.2	0.04042576	1.8	0.7476119	1.1	0.02505416	1.8	0.1030152	1.5	0.2757559	1.3
244159_at	0.2672359	1.2	1.96E-12	8.1	3.57E-11	6.6	6.49555E-07	4.1	6.64616E-07	3.3	0.000276514	0.5
32541_at	0.2468411	1.2	7.27808E-05	2.6	9.48327E-05	2.0	6.74094E-05	2.3	0.000293324	1.9	0.5427975	0.9
226838_at	0.0443216	1.2	5.91755E-05	1.9	1.65453E-05	1.8	0.000116289	2.1	0.002162125	1.7	0.838347	1.0
224891_at	0.003985842	1.2	1.00753E-07	2.0	4.24205E-07	1.6	3.10E-08	1.8	1.17106E-05	1.4	0.1914775	0.9
206360_s_at	0.2152576	1.2	2.06378E-06	5.9	3.08017E-06	4.0	1.758E-06	2.9	0.000157851	2.4	0.02193613	0.6
217128_s_at	0.3379535	1.2	0.003949579	2.6	0.02070493	1.8	0.000288905	1.6	0.2242947	1.3	0.02949278	0.7
228812_at	0.02375496	1.2	1.16E-10	3.2	2.86E-10	2.4	2.60E-09	2.3	4.91E-08	1.9	0.002155159	0.8
1554676_at	0.1915841	1.2	0.01388035	1.8	0.004535326	1.6	0.000958985	2.0	0.008662486	1.6	0.8891107	1.0

Figure 24-44

212225_at	0.4240657	1.2	0.02021955	1.8	0.1114373	1.6	0.000233207	2.1	0.04801195	1.7	0.6071954	1.1
239081_at	0.08725023	1.2	5.58E-08	3.8	4.06E-11	3.0	3.22896E-07	2.5	3.17E-08	2.0	0.00016507	0.7
226218_at	0.530076	1.2	6.22246E-05	5.2	5.34466E-06	3.9	0.00714154	2.7	0.00103793	2.2	0.02472689	0.6
1554391_at	0.4271181	1.2	6.84876E-06	4.9	1.34E-08	4.0	4.47473E-05	4.1	9.65E-08	3.4	0.1555276	0.8
1568166_at	0.2369317	1.2	0.03844883	1.5	0.1129784	1.4	0.00097492	2.4	0.008496826	1.9	0.2519722	1.3
212712_at	0.006709137	1.2	1.92855E-05	0.6	1.99E-08	2.4	0.1207125	0.9	0.000615616	0.7	2.32426E-05	1.7
239876_at	0.226917	1.2	0.000124165	2.7	0.000464455	2.4	8.2467E-06	3.0	0.000133443	2.4	0.9597775	1.0
219394_at	0.01766479	1.2	0.002837141	0.6	5.18642E-06	2.0	0.1508191	0.9	0.001783446	0.7	0.007232393	1.4
204698_at	0.2334161	1.2	8.88182E-06	2.2	0.000167777	2.1	0.05943649	1.5	0.3340743	1.2	0.01609269	0.6
1554132_a_at	0.1706184	1.2	5.11985E-05	2.4	0.000364501	1.8	0.005973465	1.5	0.04641885	1.3	0.02176035	0.7
206472_s_at	0.01706115	1.2	1.22583E-05	0.6	2.03E-09	2.3	0.004221273	0.8	4.57967E-05	0.6	0.001409215	1.4
202030_at	0.00281244	1.2	0.003280179	0.7	1.86328E-06	1.8	0.02486812	0.8	0.000443302	0.7	0.09952156	1.2
232472_at	0.5468085	1.2	0.06898442	1.8	0.1560191	1.7	0.002024126	2.7	0.02760037	2.2	0.4106127	1.3
227110_at	0.009798687	1.2	1.43E-08	2.3	8.82053E-07	1.8	1.77004E-07	1.9	1.13065E-05	1.5	0.1361015	0.9
223767_at	0.08597468	1.2	1.35202E-07	2.8	3.22301E-06	2.3	1.01406E-06	2.6	1.03563E-05	2.2	0.6169202	0.9
217739_s_at	0.008237959	1.2	4.28E-08	1.8	1.36E-08	1.7	5.59432E-05	1.6	0.003100308	1.3	0.01258739	0.8
200751_s_at	0.02186122	1.2	0.000671805	2.8	5.76879E-06	1.9	2.94067E-05	2.0	0.000581899	1.6	0.3050018	0.9
224378_x_at	0.3680505	1.2	6.05017E-06	2.2	0.000101246	2.0	0.01518067	1.7	0.03037514	1.4	0.00928837	0.7
1555766_a_at	0.2770438	1.2	6.6657E-05	2.5	0.000338352	2.1	0.000850593	1.8	0.01312503	1.5	0.03452488	0.7
236685_at	0.4001882	1.2	0.00178478	2.4	0.004004993	2.4	2.36362E-05	4.0	0.000144199	3.3	0.2346761	1.4
209970_x_at	0.1551298	1.2	1.64785E-05	2.3	3.20877E-05	1.7	4.85395E-05	1.9	8.72265E-05	1.6	0.5077919	0.9
212711_at	0.03884955	1.2	5.02063E-06	0.5	5.95E-09	2.4	0.850255	1.0	0.03305986	0.9	1.49481E-07	2.1
1552548_at	0.2123596	1.2	0.01714608	2.1	0.01679287	1.5	0.02730261	1.5	0.1593881	1.2	0.2146755	0.8
242776_at	0.2055393	1.2	0.02023829	0.5	0.001171853	2.5	0.7832993	1.0	0.2459925	0.8	0.01005528	2.0
1554544_a_at	0.2637456	1.2	0.004305171	0.5	7.79114E-05	2.8	0.06757697	0.7	0.003807937	0.6	0.01541534	1.7
1569583_at	0.4454706	1.2	8.25654E-06	3.3	0.000151201	3.2	0.000743044	2.1	0.0233035	1.8	0.01477178	0.6
241820_at	0.1757604	1.2	0.07315539	1.5	0.5860747	1.1	0.04162942	1.4	0.260326	1.2	0.5749776	1.1
215462_at	0.3595233	1.2	0.1029587	1.3	0.0874295	1.4	8.7373E-05	2.1	0.008301854	1.8	0.180264	1.2
206359_at	0.2085735	1.2	7.95E-08	5.5	9.98E-11	4.8	1.13064E-05	3.6	5.43221E-05	3.0	0.03297441	0.6
211192_s_at	0.3024396	1.2	0.01284477	0.6	4.99622E-05	2.0	0.6382239	1.1	0.6814836	0.9	0.002988009	1.9
204039_at	0.2389096	1.2	0.003799503	0.6	2.61291E-05	2.6	0.09348363	0.7	0.01020839	0.6	0.008780459	1.6
1555790_a_at	0.07773012	1.2	0.001664758	0.6	1.97746E-05	2.0	0.4178038	0.9	0.03752739	0.8	0.004501133	1.6
226281_at	0.2253945	1.2	7.54212E-06	3.4	3.63818E-06	2.4	3.29683E-06	2.7	3.29577E-05	2.3	0.792641	1.0
201126_s_at	0.05350468	1.2	0.002116657	0.6	2.52701E-05	2.0	0.1491576	0.9	0.002860757	0.7	0.009613994	1.5
219582_at	0.08026215	1.2	0.000968601	1.6	0.0476772	1.2	5.10844E-07	2.0	7.97167E-05	1.7	0.002910957	1.4
206134_at	0.2962066	1.2	6.45919E-07	5.4	9.98E-09	4.0	1.53201E-07	3.2	2.10922E-06	2.7	0.002614017	0.7

Figure 24-45

1552828_at	0.3686687	1.2	0.002750132	2.3	0.002006725	1.6	0.1713165	1.3	0.4282153	1.1	0.04095837	0.7
235587_at	0.12762	1.2	7.87682E-06	2.2	6.09216E-05	1.8	0.006047794	1.5	0.06296111	1.3	0.01883336	0.7
1554783_s_at	0.453342	1.2	0.000897059	2.8	0.08648507	1.5	0.02612559	1.8	0.1062559	1.5	0.9231381	1.0
212710_at	0.04689381	1.2	0.000132727	0.6	3.82527E-07	2.1	0.8771819	1.0	0.04968466	0.9	9.3886E-06	1.8
220966_x_at	0.1282533	1.2	1.87117E-06	0.6	1.09267E-07	2.2	0.004347766	0.7	0.000129103	0.6	0.009445362	1.3
212626_x_at	0.02040451	1.2	4.46E-10	2.2	2.64E-08	1.8	5.22E-08	1.9	1.15301E-06	1.6	0.1891326	0.9
1558588_at	0.3969102	1.2	0.001568011	1.7	0.009235985	1.5	0.006695833	1.8	0.004134068	1.5	0.9954625	1.0
236027_at	0.2618527	1.2	9.20E-08	4.4	5.86E-08	4.2	1.99E-10	4.1	9.34E-08	3.4	0.03095976	0.8
220703_at	0.2506302	1.2	0.01147807	1.8	0.36126	1.1	0.00809976	1.5	0.02201359	1.3	0.2163661	1.1
227978_s_at	0.07377028	1.2	0.02500377	0.6	6.6293E-05	2.1	0.03268042	0.7	0.003488002	0.6	0.1326989	1.3
1560199_x_at	0.3248495	1.2	9.44313E-06	2.4	0.000322586	2.0	0.001035765	2.3	0.004651077	1.9	0.9893153	1.0
222571_at	0.07265529	1.2	0.0272613	0.6	0.009160907	1.9	0.07907347	0.8	0.004977306	0.7	0.1918783	1.3
221971_x_at	0.1662896	1.2	0.01296085	1.6	0.1212321	1.3	0.002301357	2.0	0.01484246	1.7	0.2797948	1.3
228263_at	0.4800656	1.2	0.03553898	1.4	0.001617086	1.8	0.04342892	1.6	0.04166891	1.4	0.05344434	0.8
237759_at	0.2569869	1.2	0.001528847	1.8	0.003720068	1.7	0.000202385	2.2	0.002156045	1.8	0.622115	1.1
224740_at	0.265579	1.2	0.000160811	0.5	5.37526E-07	2.8	0.002347463	0.6	0.000112039	0.5	0.009631655	1.5
218297_at	0.1729038	1.2	0.3912162	1.2	0.08787045	1.4	0.005849537	1.5	0.06476615	1.3	0.843242	1.0
220230_s_at	0.3769904	1.2	0.000234991	3.0	5.63582E-05	2.6	0.000354685	2.1	0.001983177	1.8	0.05319966	0.7
201363_s_at	0.1382373	1.2	3.63625E-05	2.0	0.00012556	1.7	2.15741E-05	1.6	0.005617363	1.4	0.03827677	0.8
1555467_a_at	0.1998536	1.2	0.001394655	1.9	0.02503934	1.4	0.02368255	1.5	0.1402053	1.3	0.7482547	0.9
202245_at	0.1291295	1.2	1.50249E-07	2.4	7.51618E-05	1.8	6.56372E-05	1.8	0.003158881	1.5	0.2262549	0.9
1564430_at	0.3406062	1.2	1.89112E-07	4.3	5.44E-08	3.4	7.45E-09	4.2	7.44E-08	3.6	0.6813914	1.1
206099_at	0.3564371	1.2	0.000150061	3.0	0.000160373	2.2	0.001042765	1.7	0.02826696	1.5	0.01583692	0.7
205548_s_at	0.3344125	1.2	1.07664E-07	3.6	2.86E-08	2.9	9.36229E-06	2.5	2.69343E-06	2.1	0.007826169	0.7
220655_at	0.7568952	1.2	7.40E-09	124.2	5.78E-08	64.7	6.02426E-06	14.3	4.88783E-05	12.3	0.00031409	0.2
219940_s_at	0.205688	1.2	4.04E-08	2.3	1.02234E-05	1.8	0.000182993	1.8	0.001769594	1.5	0.2196478	0.9
223124_s_at	0.1554492	1.2	0.004073423	0.6	0.000201275	2.0	0.13579	0.9	0.006695239	0.7	0.0127299	1.5
218810_at	0.2765566	1.2	4.75E-11	7.2	3.44E-12	6.1	2.67E-11	5.6	6.63E-11	4.8	0.023292	0.8
238638_at	0.1001743	1.2	2.67803E-05	0.5	2.15749E-07	2.1	0.000927466	0.7	1.71199E-05	0.6	0.01023122	1.3
244219_at	0.263646	1.2	6.50618E-07	3.5	7.33972E-06	2.7	4.17103E-07	2.8	5.06486E-06	2.4	0.5855692	0.9
209239_at	0.1562266	1.2	9.31807E-07	2.3	8.06558E-07	1.7	3.2969E-05	1.7	0.000105018	1.4	0.006168914	0.8
216300_x_at	0.06657983	1.2	0.000488342	0.6	1.25681E-06	2.0	0.109078	0.9	0.003060802	0.7	0.001998221	1.5
206181_at	0.6556652	1.2	0.000536568	5.7	0.001325508	4.7	9.24451E-06	6.3	2.35626E-06	5.4	0.7179648	1.1
202357_s_at	0.7241659	1.2	2.04959E-07	13.0	3.88277E-07	12.6	0.001732002	4.7	0.001799825	4.1	0.0065126	0.3
206631_at	0.4752129	1.2	6.53641E-05	2.0	0.000596851	1.6	0.002711889	2.0	0.000203431	1.7	0.4147202	1.1
1569401_at	0.4817964	1.2	0.001060032	2.9	7.87301E-06	2.5	0.004326113	1.8	0.00600014	1.6	0.002102221	0.6

Figure 24-46

224684_at	0.06191555	1.2	7.70448E-07	0.6	3.57E-09	2.2	0.002399034	0.8	4.7361E-06	0.7	0.000129839	1.4
221750_at	0.3293527	1.2	2.12797E-05	1.9	0.0001324	1.9	0.000837805	1.7	0.006880349	1.5	0.08333457	0.8
212838_at	0.1289419	1.2	5.09937E-05	0.5	7.5819E-07	2.4	0.008372018	0.7	0.001238389	0.6	0.04654945	1.4
211368_s_at	0.3084427	1.2	1.19593E-05	2.4	1.79455E-05	1.9	5.61424E-05	2.0	0.000137978	1.7	0.3970438	0.9
212623_at	0.2051176	1.2	3.49803E-07	2.1	7.79544E-05	1.8	0.000458753	1.6	0.01909071	1.4	0.04048639	0.8
202074_s_at	0.5127017	1.1	1.08078E-05	2.1	0.005011335	1.8	0.002872951	1.8	0.02019259	1.6	0.396837	0.9
204934_s_at	0.7449957	1.1	0.02015411	2.7	0.005077247	3.1	0.02049547	2.2	0.05717275	1.9	0.02420888	0.6
214170_x_at	0.3774258	1.1	1.16057E-05	2.0	2.95684E-05	2.1	3.9861E-05	2.1	0.000413687	1.8	0.1938783	0.9
209795_at	0.4782231	1.1	0.000104224	3.5	5.02685E-05	3.5	4.0912E-05	3.7	0.000179585	3.3	0.8016304	0.9
212769_at	0.1181514	1.1	1.54003E-07	0.5	2.94E-09	2.3	0.001742835	0.7	0.000123766	0.6	0.001250184	1.4
214737_x_at	0.008066982	1.1	4.69E-12	2.1	3.55E-11	1.8	8.13E-09	1.8	2.57622E-07	1.6	0.08663765	0.9
211806_s_at	0.401595	1.1	0.002173611	0.5	0.000171645	2.7	0.00420109	0.6	0.002620088	0.5	0.2186198	1.3
1553364_at	0.4817403	1.1	8.85035E-06	2.6	1.37124E-06	2.9	0.000263098	2.2	0.000707557	1.9	0.003264871	0.7
213134_x_at	0.321821	1.1	1.48E-08	3.3	3.36E-08	2.9	8.37231E-07	2.4	3.65896E-06	2.1	0.004330254	0.7
225235_at	0.3350812	1.1	8.31019E-05	0.5	2.97201E-05	2.3	0.02228459	0.6	0.004069013	0.5	0.2959134	1.2
209545_s_at	0.3004948	1.1	5.28E-09	4.9	1.07E-10	4.0	2.59E-08	3.2	6.31E-08	2.8	0.007027191	0.7
211366_x_at	0.3034079	1.1	7.32861E-05	2.3	5.97837E-05	1.7	8.75405E-05	1.9	7.8836E-05	1.6	0.7613493	1.0
33304_at	0.243458	1.1	3.47363E-06	2.1	1.25218E-05	1.9	0.06065438	1.4	0.2748365	1.2	0.006181729	0.6
220671_at	0.4207587	1.1	2.29793E-05	2.4	0.000355065	2.0	0.000332123	1.7	0.01927777	1.5	0.01280188	0.8
205307_s_at	0.4519991	1.1	8.65663E-05	2.3	0.000878892	1.8	0.000595397	2.0	0.001654993	1.8	0.9984657	1.0
205798_at	0.6757649	1.1	2.93185E-05	5.0	2.63744E-05	3.9	0.002717519	2.9	0.000463124	2.5	0.1058132	0.7
1554519_at	0.3973116	1.1	0.000663313	2.2	0.000390585	1.9	0.004655226	1.8	0.01685314	1.6	0.2785946	0.8
218764_at	0.3531422	1.1	7.62371E-06	2.5	0.000194611	2.0	0.002842554	1.7	0.009900047	1.5	0.1647086	0.8
229715_at	0.4935077	1.1	1.50627E-05	2.9	1.09979E-05	2.4	7.12787E-05	2.3	9.64397E-05	2.0	0.09796062	0.9
1560274_at	0.5088863	1.1	2.70766E-06	2.8	2.36744E-05	3.0	1.01199E-06	4.3	9.78834E-06	3.8	0.2888974	1.2
201924_at	0.1699868	1.1	5.94316E-06	0.5	2.4421E-06	2.1	0.07212709	0.8	0.003060485	0.7	0.000562417	1.6
1554239_s_at	0.3843304	1.1	0.001996999	0.5	0.000794356	2.4	0.1075769	0.8	0.02562289	0.7	0.04323876	1.6
229043_at	0.2968976	1.1	0.001906287	0.6	0.000197165	2.1	0.01619676	0.6	0.006688551	0.5	0.5297731	1.1
221516_s_at	0.1228536	1.1	4.50181E-06	0.5	4.93E-08	2.4	0.002242054	0.7	7.06299E-05	0.6	0.000819299	1.5
226843_s_at	0.5208395	1.1	0.00011285	0.5	0.000815525	2.3	0.0059527	0.6	0.01165194	0.6	0.1527867	1.3
241877_at	0.7109895	1.1	0.000414579	2.9	0.000785594	2.8	0.00053618	3.3	0.000532025	2.9	0.7276765	1.0
207629_s_at	0.303163	1.1	0.000865616	2.1	0.00235292	1.5	2.31535E-05	1.7	0.001878044	1.5	0.8542957	1.0
219500_at	0.1977883	1.1	1.63E-11	4.2	3.07E-11	3.8	2.95E-10	4.2	9.24E-10	3.7	0.8184368	1.0
210230_at	0.5890375	1.1	0.000291479	2.7	0.004057407	2.2	0.002747895	2.5	0.0130409	2.2	0.9842501	1.0
213164_at	0.5877376	1.1	0.05139514	1.5	0.009354901	1.7	0.001240363	2.1	0.002201889	1.9	0.6125302	1.1
206687_s_at	0.1782108	1.1	8.84977E-05	0.5	1.48901E-07	2.4	0.001347535	0.7	0.0001732	0.6	0.0122048	1.4

Figure 24-47

203749_s_at	0.2069395	1.1	6.05235E-05	0.5	6.61962E-07	2.4	0.002946913	0.7	0.000119686	0.6	0.002079874	1.5
213931_at	0.48077	1.1	0.000354559	2.2	8.65365E-05	2.3	1.25653E-05	2.8	0.000110158	2.5	0.7092084	1.1
224793_s_at	0.3187454	1.1	0.000121189	0.5	7.92942E-06	2.4	0.02143183	0.8	0.002178879	0.7	0.00227456	1.7
1566709_at	0.5911016	1.1	0.004627473	2.3	0.006608424	2.5	0.000909598	2.6	0.01081463	2.4	0.8798951	1.0
230446_at	0.7635204	1.1	1.4615E-07	8.4	1.53266E-05	6.1	0.000300879	3.9	0.000577494	3.5	0.00499405	0.6
210136_at	0.5512777	1.1	0.004681565	0.5	0.000419536	2.6	0.1481559	0.8	0.05207556	0.7	0.02299978	1.7
202071_at	0.4639524	1.1	7.89E-08	3.6	6.67E-11	3.0	1.76813E-05	2.5	8.75E-09	2.3	0.001333626	0.8
219522_at	0.5720114	1.1	0.001184896	4.1	8.48912E-05	2.7	0.001040127	1.8	0.02292334	1.7	0.008831805	0.6
244804_at	0.3615517	1.1	0.04537772	0.6	0.004684548	1.5	0.01630816	1.6	0.04584741	1.4	0.00059788	2.2
236561_at	0.6751437	1.1	0.03919346	0.4	0.004682683	3.5	0.9864401	1.0	0.7086579	0.9	0.00544303	3.1
233899_x_at	0.5536807	1.1	5.53675E-07	9.0	3.06322E-07	7.6	1.7459E-07	5.2	4.22E-08	4.7	0.05594786	0.6
216841_s_at	0.2997783	1.1	3.72E-08	2.2	3.71375E-07	2.0	1.67868E-05	1.8	5.06281E-05	1.6	0.077009	0.8
202441_at	0.1151159	1.1	1.10481E-05	0.5	1.84803E-06	2.2	0.001678026	0.6	0.000354686	0.6	0.1935161	1.2
225895_at	0.7875282	1.1	6.1965E-07	21.6	6.40974E-07	15.7	3.64206E-06	10.3	6.427E-06	9.3	8.24197E-05	0.6
1560156_at	0.6020505	1.1	7.81753E-07	3.9	1.60938E-05	3.1	1.39916E-07	4.0	1.54354E-06	3.6	0.4250553	1.1
225491_at	0.6715907	1.1	0.01223195	2.7	2.13472E-05	2.8	0.03259034	1.7	0.04532751	1.6	0.00214845	0.6
202085_at	0.4365808	1.1	3.35E-08	3.3	5.71456E-06	2.2	2.74E-08	2.9	4.43891E-07	2.6	0.1459653	1.2
220054_at	0.6723973	1.1	1.05E-11	54.4	5.93E-12	76.4	3.20E-09	18.4	1.18E-09	16.6	1.62566E-05	0.2
240410_at	0.5202622	1.1	5.21283E-05	2.1	0.002456419	1.7	0.000137694	1.9	0.002550874	1.7	0.9750615	1.0
243521_at	0.4567623	1.1	0.001121923	1.7	3.62989E-05	1.9	0.000307196	1.7	0.001920067	1.5	0.07173592	0.8
226534_at	0.7292477	1.1	0.000621964	3.9	0.000193589	3.7	0.02059164	2.0	0.02826295	1.8	0.01710394	0.5
227086_at	0.3484414	1.1	0.03238308	0.6	0.03989368	1.6	0.01415332	0.5	0.005944074	0.5	0.317023	0.8
240061_at	0.596523	1.1	0.000882949	2.1	0.0132127	1.7	0.02119821	1.7	0.06237707	1.6	0.7623296	0.9
221850_x_at	0.5688021	1.1	0.000295939	2.2	0.01258085	1.8	0.000147021	2.4	0.001608531	2.2	0.3306521	1.2
203045_at	0.4319874	1.1	2.80114E-05	2.4	5.41105E-07	2.0	5.57073E-06	2.1	4.17258E-06	1.9	0.427021	0.9
204951_at	0.4498868	1.1	1.42E-08	4.5	2.85E-09	3.9	3.3227E-06	2.2	1.31859E-05	2.0	0.000103631	0.5
241235_at	0.5305474	1.1	0.0203459	2.0	0.02015266	1.4	0.07819319	1.3	0.3025268	1.2	0.1045284	0.8
215987_at	0.4805852	1.1	3.43617E-07	4.5	3.04148E-06	3.5	4.91E-09	3.0	2.98033E-07	2.7	0.1545237	0.8
225149_at	0.4504479	1.1	5.4999E-07	2.7	4.66849E-06	1.9	0.004995327	1.5	0.02224712	1.4	0.01233273	0.7
212963_at	0.343074	1.1	0.05771976	2.1	0.9999099	1.0	0.2299788	1.1	0.6318867	1.0	0.757922	1.0
200014_s_at	0.2891244	1.1	1.21615E-07	2.2	2.22954E-07	1.9	1.42812E-07	1.8	3.33067E-06	1.7	0.1752553	0.9
205569_at	0.779474	1.1	2.87633E-07	10.5	5.4445E-07	7.2	9.06689E-05	3.8	0.000140286	3.5	0.001035159	0.5
1557078_at	0.7383781	1.1	0.001370877	3.1	0.00074867	2.9	0.01088469	1.9	0.01761726	1.8	0.06400572	0.6
239648_at	0.5013955	1.1	2.31387E-07	4.1	1.78E-10	3.7	4.97538E-07	2.5	2.88925E-07	2.3	3.15745E-05	0.6
238909_at	0.5162379	1.1	0.000203081	0.5	7.11569E-05	2.3	0.3901453	0.9	0.1464493	0.8	0.001621906	1.9
221501_x_at	0.3326042	1.1	0.2976408	0.9	0.02573386	1.3	0.3914326	1.1	0.9615127	1.0	0.03933189	1.3

Figure 24-48

205822_s_at	1.1	0.000940207	2.1	1.69356E-05	1.7	0.000921311	1.7	0.003575474	1.5	0.4373997	0.9
212956_at	1.1	2.88807E-05	2.4	8.42319E-06	2.1	3.01263E-05	2.0	3.2762E-05	1.8	0.2362306	0.9
236313_at	1.1	0.000112824	2.7	3.06659E-06	3.1	0.07921626	1.5	0.1215862	1.4	0.003597352	0.5
209270_at	1.1	4.54E-08	2.6	8.79266E-06	2.1	0.001720023	1.7	0.001293324	1.6	0.01251583	0.8
228219_s_at	1.1	6.5786E-06	3.7	8.70E-08	2.7	0.003335363	2.4	5.17906E-05	2.2	0.1463531	0.8
218532_s_at	1.1	9.52595E-05	2.2	9.20189E-06	2.7	1.34633E-05	2.1	0.00098149	1.9	0.02024017	0.7
243296_at	1.1	0.000916232	2.5	0.000369362	3.0	3.82336E-05	3.0	0.000378954	2.7	0.7331086	0.9
209753_s_at	1.1	0.002364238	2.8	2.78519E-07	2.5	0.1476272	1.2	0.3396093	1.1	4.18851E-06	0.4
215115_x_at	1.1	0.02112054	1.6	0.001558533	1.8	0.000753945	1.7	0.007768476	1.6	0.5431559	0.9
227621_at	1.1	1.38958E-06	2.8	3.66194E-07	2.4	4.66E-08	2.2	3.58936E-06	2.0	0.04436458	0.8
219648_at	1.1	5.53777E-06	2.6	8.41037E-05	2.2	0.000647106	1.9	0.000481027	1.7	0.1981636	0.8
211631_x_at	1.1	0.001165253	2.3	0.006273872	1.9	0.02478856	1.7	0.06043367	1.6	0.3552258	0.8
229795_at	1.1	0.01243214	1.6	0.005135846	2.1	6.71591E-06	2.0	0.01296998	1.9	0.3382966	0.9
213061_s_at	1.1	1.1876E-07	0.4	2.82E-08	2.4	6.4219E-05	0.6	2.50734E-05	0.5	0.06410266	1.2
203653_s_at	1.1	2.18506E-05	0.4	0.000333903	2.0	0.1420381	0.8	0.03311997	0.8	0.01573815	1.5
225623_at	1.1	0.000167405	0.5	1.35428E-05	2.7	0.004560819	0.6	0.0011329	0.5	0.05113241	1.5
218499_at	1.1	5.44E-09	3.6	1.44E-08	3.1	2.32E-08	2.2	8.02E-08	2.1	0.002094007	0.7
243819_at	1.1	2.37531E-06	4.6	9.7234E-06	4.2	3.57025E-05	3.3	0.000142246	3.1	0.2420349	0.7
205599_at	1.1	1.62448E-05	4.1	2.15E-09	3.6	0.000126317	3.2	3.28E-08	3.0	0.1299379	0.8
224965_at	1.1	4.01658E-05	2.1	1.66099E-05	2.0	0.002802422	1.5	0.009540296	1.4	0.0092102	0.7
210458_s_at	1.1	0.000711987	2.4	2.30014E-06	1.9	3.69597E-05	1.5	0.000928162	1.4	0.004698089	0.8
204512_at	1.1	1.68704E-05	2.5	1.25E-08	2.5	3.07019E-05	2.2	2.49628E-06	2.1	0.09616633	0.8
225780_at	1.1	5.39236E-07	0.4	1.49E-08	2.8	0.007027677	0.6	0.003508792	0.6	0.01708135	1.6
222108_at	1.1	0.000408886	3.7	0.000318519	3.0	0.00035006	2.2	0.00116271	2.1	0.1347687	0.7
204655_at	1.1	3.0237E-06	5.5	8.77988E-07	5.7	0.000681798	2.6	0.001142317	2.5	0.001680286	0.4
235829_at	1.1	5.83723E-06	2.6	8.07049E-05	2.3	5.96553E-06	2.5	6.74367E-05	2.3	0.9322019	1.0
223283_s_at	1.1	0.01650669	0.6	0.000132174	2.2	0.1056045	0.8	0.01385237	0.7	0.009597624	1.6
209706_at	1.1	0.000522281	2.7	0.01475791	2.1	0.001916704	1.9	0.02222062	1.8	0.5604495	0.9
219276_x_at	1.1	5.58E-08	2.2	5.54E-12	1.9	2.3839E-05	1.4	0.000101236	1.3	1.14999E-07	0.7
238794_at	1.1	4.49E-09	6.8	1.61E-10	4.8	1.78E-09	4.4	4.22E-10	4.2	0.1863801	0.9
220386_s_at	1.1	0.01475775	2.1	0.05170073	1.2	0.2471314	1.1	0.2687225	1.1	0.2321779	0.9
229630_s_at	1.1	7.4544E-05	2.2	4.05878E-06	1.9	7.61568E-07	1.8	2.82988E-05	1.7	0.09385458	0.9
212184_s_at	1.1	1.20279E-07	2.1	5.49E-08	1.8	0.000365947	1.5	2.68662E-05	1.4	0.000688237	0.8
234983_at	1.1	4.19663E-05	0.5	2.12323E-05	2.1	0.01500809	0.7	0.01372858	0.7	0.02156003	1.4
224407_s_at	1.0	0.002865385	6.2	9.87E-08	3.2	2.18804E-05	2.2	4.04481E-05	2.1	0.01067107	0.6
204593_s_at	1.0	1.6701E-07	0.6	1.26E-10	2.2	0.000378506	0.6	9.92826E-05	0.6	0.0155269	1.3

Figure 24-49

203137_at	0.6454294	1.0	6.27061E-06	2.1	1.98235E-06	1.8	8.27522E-06	1.7	3.76295E-05	1.6	0.101672	0.9
233011_at	0.7589013	1.0	1.16887E-05	0.4	2.78257E-06	2.8	0.0389258	0.7	0.03208394	0.6	0.00710092	1.8
211521_s_at	0.6225079	1.0	0.03350288	0.6	0.002295815	2.1	0.001101742	0.5	0.000681299	0.5	0.9519267	1.0
209579_s_at	0.3897291	1.0	4.51508E-07	0.5	9.94E-08	2.1	2.01541E-06	0.6	6.28553E-07	0.6	0.0195503	1.3
204269_at	0.7975221	1.0	1.7258E-06	3.7	8.93793E-07	3.3	0.002361986	1.7	0.01066118	1.6	0.000136022	0.5
203971_at	0.7196343	1.0	0.003890114	0.5	0.000538621	1.7	0.02294336	0.7	0.002306962	0.7	0.2190515	1.2
205214_at	0.6295658	1.0	3.4156E-07	1.9	2.07E-08	1.9	0.002272016	1.4	0.000770308	1.3	7.95592E-05	0.7
226356_at	0.8900735	1.0	0.000221281	0.4	0.1198265	1.4	0.6867344	0.9	0.397051	0.9	0.279159	1.2
226074_at	0.7625128	1.0	0.000141921	0.5	3.65541E-05	2.3	0.00063545	0.6	0.000279374	0.6	0.06965314	1.3
204148_s_at	0.8921833	1.0	0.005584636	2.6	0.008605601	2.4	0.03121907	2.0	0.03602581	1.9	0.5061184	0.8
234344_at	0.7899725	1.0	0.004238719	2.3	0.002738051	2.1	0.000689745	1.7	0.003632033	1.6	0.2197555	0.8
1555167_s_at	0.7182786	1.0	0.007714217	2.6	2.22387E-07	2.2	9.67678E-05	1.7	0.000323913	1.7	0.02127694	0.8
212960_at	0.7230353	1.0	1.62975E-05	2.1	8.42366E-06	2.0	0.001484228	1.7	0.00229932	1.6	0.1481028	0.8
204224_s_at	0.7516196	1.0	8.96E-08	2.4	1.28E-08	2.4	9.50E-08	2.0	5.93709E-07	2.0	0.00284821	0.8
238482_at	0.8169236	1.0	6.10938E-06	2.5	7.77709E-07	2.4	0.02159386	1.4	0.002672833	1.4	0.00025852	0.6
1567013_at	0.7368994	1.0	5.44487E-06	2.1	2.17E-08	1.9	0.000128115	1.7	0.000116253	1.7	0.1868977	0.9
234341_x_at	0.8163242	1.0	0.000588238	2.4	0.001836628	1.6	0.07446233	1.3	0.1257758	1.2	0.04939519	0.8
239886_at	0.8784124	1.0	0.006762883	0.5	0.007701085	2.1	0.5753269	0.9	0.5236585	0.9	0.03860348	1.8
218627_at	0.8432201	1.0	1.11E-08	3.9	1.36E-08	3.5	8.00472E-07	2.6	1.90623E-06	2.5	0.0147546	0.7
221620_s_at	0.8561281	1.0	7.75858E-05	1.8	2.227E-05	2.0	0.05321363	1.3	0.03288276	1.3	0.003836557	0.7
239891_x_at	0.8865286	1.0	0.010233539	2.0	0.001378408	2.3	0.09969942	1.4	0.1049894	1.4	0.04821258	0.6
203033_x_at	0.8691511	1.0	2.51581E-05	2.5	1.64645E-05	2.2	2.01383E-05	2.1	6.67794E-05	2.0	0.5330549	0.9
218700_s_at	0.845261	1.0	3.94563E-05	0.5	0.000115231	1.8	0.1679015	0.8	0.06249258	0.8	0.007639989	1.4
227333_at	0.8137885	1.0	6.69E-08	2.5	5.96E-10	2.7	2.30565E-06	1.9	4.23E-09	1.9	0.000302925	0.7
214787_at	0.8599128	1.0	2.11555E-06	4.1	8.44344E-06	3.4	5.53114E-07	2.6	9.23112E-07	2.5	0.1292029	0.7
207538_at	0.8994405	1.0	0.01741732	1.4	0.05642198	1.4	0.008963009	2.1	0.01267112	2.0	0.1523821	1.4
1557466_at	0.8611519	1.0	7.55894E-07	2.6	2.02E-08	2.1	0.000418066	1.6	0.00018883	1.6	0.003527692	0.7
1552691_at	0.9232085	1.0	0.002532288	0.3	0.002643407	3.8	0.000517866	0.5	0.00016839	0.5	0.0917223	1.9
1555465_at	0.9159282	1.0	8.52E-08	4.5	4.97E-08	4.2	0.02749636	1.8	0.02043902	1.7	0.001220824	0.4
217475_s_at	0.9416829	1.0	0.000881491	3.1	6.16907E-05	2.8	0.001136708	1.9	0.008547081	1.9	0.02365739	0.7
240440_at	0.895785	1.0	4.28568E-06	0.3	3.20783E-05	3.5	0.000959095	0.6	0.003611798	0.6	0.00039501	2.2
235341_at	0.9165204	1.0	0.000136699	2.1	0.00044843	1.6	0.003707994	1.4	0.007100515	1.4	0.1982668	0.9
242814_at	0.9504311	1.0	0.007062554	2.0	8.04298E-05	2.6	0.000222006	2.8	0.000397591	2.8	0.7134507	1.1
202551_s_at	0.9403349	1.0	7.23748E-05	2.5	0.000153319	2.2	0.04661987	1.4	0.04916417	1.4	0.00990034	0.6
239629_at	0.9589086	1.0	0.001176557	2.1	7.16026E-05	2.9	0.000412265	2.5	0.000811625	2.4	0.4742528	0.8
212770_at	0.9170256	1.0	5.83369E-05	0.6	6.76E-08	2.1	0.000412018	0.7	0.000498959	0.7	0.000429462	1.4

Figure 24-50

230523_at	0.9618289	1.0	0.01166781	0.6	0.05742585	1.4	0.0147716	0.6	0.01293128	0.6	0.2791016	0.8
214047_s_at	0.9076926	1.0	3.6908E-06	0.5	2.23324E-07	2.1	1.085E-05	0.6	1.39539E-05	0.6	0.0154335	1.3
210285_x_at	0.9598082	1.0	4.25381E-06	2.9	1.1177E-07	2.2	6.29862E-06	2.0	9.7471E-07	2.0	0.2372125	0.9
220330_s_at	0.9508932	1.0	4.69778E-05	2.0	2.31E-09	2.0	0.02522777	1.2	0.02294122	1.2	2.01997E-05	0.6
213415_at	0.9624612	1.0	5.75664E-06	1.9	8.23701E-06	2.0	6.38641E-06	1.6	0.000180068	1.6	0.02637244	0.8
216627_s_at	0.9871191	1.0	0.00382029	3.0	0.00971915	2.3	0.01195076	1.9	0.02996761	1.9	0.4252407	0.8
1554352_s_at	0.972379	1.0	2.16197E-07	3.5	1.08972E-06	2.9	2.98951E-06	2.2	7.67662E-06	2.2	0.08908706	0.8
223014_at	0.9700823	1.0	0.000239751	0.5	2.14392E-05	2.2	0.000391928	0.7	0.000579427	0.7	0.01744196	1.4
232183_at	0.9788888	1.0	8.26184E-05	0.5	0.000259897	1.9	0.0122825	0.6	0.01104958	0.6	0.3821584	1.2
1553055_a_at	0.9948769	1.0	0.000299818	3.9	0.001338376	3.3	0.04339195	1.8	0.06705431	1.8	0.0158997	0.5
225480_at	0.9972069	1.0	0.000577131	2.8	3.49695E-07	2.4	0.03294341	1.6	0.001168363	1.6	0.003217471	0.7
1559078_at	0.995361	1.0	0.01099512	1.7	0.000681524	1.6	0.00056947	2.1	0.000380301	2.1	0.08698568	1.4
224781_s_at	0.9797517	1.0	3.50024E-07	2.6	5.58611E-07	2.5	2.56473E-07	1.6	9.64011E-07	1.6	0.001024677	0.6
225342_at	0.991659	1.0	0.005546133	2.5	0.001331231	2.1	0.01106107	2.0	0.002337733	2.0	0.7173411	0.9
203950_s_at	0.9715311	1.0	0.03702179	0.6	0.03788988	1.8	0.06540918	0.8	0.1703204	0.8	0.1681478	1.4
223519_at	0.9704728	1.0	0.007016794	1.8	0.004717151	1.8	0.001064759	1.8	0.001803525	1.8	0.9217939	1.0
221539_at	0.9467653	1.0	0.0201832	0.5	0.01482466	2.0	0.03275996	0.5	0.03396503	0.5	0.8133606	1.1
217100_s_at	0.9383376	1.0	0.000165173	0.5	2.37923E-05	2.1	0.002765216	0.7	0.009772697	0.7	0.01659786	1.4
209565_at	0.8990274	1.0	0.001761911	0.7	0.000191003	1.7	0.000129978	0.7	0.000383287	0.7	0.1001581	1.2
1567219_at	0.9216712	1.0	0.04488006	2.0	0.1344735	1.3	0.01223402	1.3	0.001559913	1.4	0.835499	1.0
209580_s_at	0.842817	1.0	7.62268E-06	0.5	4.61412E-07	2.1	1.45085E-06	0.6	1.74221E-06	0.6	0.03212732	1.3
223169_s_at	0.9382073	1.0	6.38983E-07	3.6	1.58892E-06	3.2	0.008174767	1.6	0.006173728	1.6	0.002102333	0.5
215054_at	0.9497874	1.0	0.00078071	0.5	0.04319846	1.6	0.118743	0.7	0.1608275	0.7	0.6336993	1.1
202734_at	0.9209864	1.0	2.41658E-06	3.0	6.95695E-07	3.0	0.005523604	1.5	0.004724379	1.5	0.00052261	0.5
210564_x_at	0.937926	1.0	1.19601E-06	3.5	4.99688E-07	3.1	2.682E-06	2.0	9.36612E-05	2.1	0.000507607	0.7
211316_x_at	0.9298888	1.0	7.93E-08	3.0	2.10938E-07	2.9	1.06876E-06	2.1	2.30505E-05	2.1	0.001965833	0.7
1555759_a_at	0.9614283	1.0	1.34788E-05	6.8	2.05508E-06	5.9	0.000321463	3.1	0.00022339	3.1	0.01813331	0.5
235013_at	0.9184008	1.0	0.000298973	0.4	0.003178908	1.9	0.007193973	0.7	0.003343303	0.7	0.1581149	1.3
235421_at	0.9352163	1.0	8.27767E-05	3.2	3.26732E-05	3.4	0.07137203	1.3	0.1210035	1.3	0.00028916	0.4
240652_at	0.9375402	1.0	0.002224189	0.4	0.0273547	1.9	0.1545257	0.6	0.1810196	0.6	0.6746526	1.2
203562_at	0.9385272	1.0	0.004670096	2.0	1.12721E-06	2.2	0.4042677	1.2	0.173172	1.2	0.000789989	0.6
218592_s_at	0.8640867	1.0	8.52044E-05	0.5	5.30402E-05	2.0	0.003528261	0.6	0.006820331	0.6	0.1217284	1.3
1556060_a_at	0.903016	1.0	5.46035E-05	0.4	0.000151394	2.0	0.001654314	0.6	0.005681062	0.6	0.2237167	1.2
212968_at	0.9107164	1.0	0.00879955	0.5	0.02972884	1.6	0.01202589	0.7	0.04801333	0.7	0.2954516	1.2
219675_s_at	0.8121868	1.0	2.83E-08	2.9	7.75E-08	2.4	9.22163E-05	1.6	3.53126E-05	1.6	0.00092043	0.7
208485_x_at	0.896927	1.0	1.59295E-06	3.0	1.55564E-06	2.7	6.95412E-06	1.9	0.00011339	2.0	0.00216789	0.7

Figure 24-51

238519_at	0.8898541	1.0	0.002127253	0.3	0.000602768	3.6	0.004790138	0.6	0.006742125	0.6	0.02666535	2.1
211605_s_at	0.8538951	1.0	0.004189206	0.6	2.70923E-05	2.1	0.007212022	0.6	0.01043338	0.7	0.06979638	1.4
210284_s_at	0.7973436	1.0	0.000724988	2.4	1.40893E-07	1.8	0.003077835	1.3	2.45421E-05	1.3	0.000374866	0.7
241817_at	0.8392565	1.0	0.003567433	0.5	0.000482393	1.9	0.008724904	0.4	0.009791401	0.5	0.5548093	0.8
227049_at	0.8476925	1.0	3.62526E-05	0.4	5.27159E-06	2.8	0.000470632	0.5	0.000727102	0.5	0.02585796	1.5
220788_at	0.6742913	1.0	7.69404E-06	0.5	1.09741E-05	2.0	5.41064E-05	0.6	6.89153E-05	0.6	0.1280247	1.2
239186_at	0.8740417	1.0	5.71895E-05	2.5	1.04897E-07	2.6	0.00189995	1.7	0.000111457	1.7	0.000601066	0.7
230630_at	0.9106374	1.0	0.006267518	2.0	0.05557817	1.5	0.01495251	1.7	0.009194004	1.8	0.4683195	1.2
211317_s_at	0.8693917	1.0	2.23445E-05	3.4	2.08241E-06	2.8	4.01249E-05	2.0	0.000148422	2.0	0.008158723	0.7
235971_at	0.9055312	1.0	0.000107945	4.8	4.17762E-06	3.2	0.001315411	2.1	0.000282539	2.2	0.000661901	0.7
210981_s_at	0.7987351	1.0	5.02144E-05	0.4	4.09809E-05	2.1	0.001612751	0.7	0.002911929	0.7	0.02737815	1.4
214678_x_at	0.8308222	1.0	2.13679E-05	2.8	3.7388E-06	3.0	0.000700878	2.0	0.000962729	2.0	0.04353374	0.7
211144_x_at	0.8294083	1.0	0.000748379	6.2	3.72278E-07	4.8	0.007704799	1.8	0.005076027	1.9	0.000582806	0.4
220865_s_at	0.8834335	1.0	4.20E-10	9.5	6.46E-09	9.2	2.27E-08	5.7	1.44895E-07	5.9	0.001992776	0.6
225583_at	0.6333861	1.0	4.49558E-06	2.7	4.60984E-07	2.4	8.70354E-05	1.5	2.51727E-05	1.6	0.001507855	0.7
227542_at	0.7977486	1.0	0.002378745	0.5	5.16E-08	2.4	0.000516582	0.4	0.000648321	0.4	0.7996556	0.9
202848_s_at	0.7482759	1.0	0.02049649	0.5	0.001512711	2.5	0.04360909	0.8	0.1491832	0.8	0.008165537	2.0
204106_at	0.6747159	1.0	0.002269474	0.6	0.04183849	1.3	0.006145308	0.7	0.01528277	0.7	0.4384138	0.9
219256_s_at	0.6408395	1.0	0.000382412	0.5	2.46542E-05	2.1	0.000867946	0.6	0.001295139	0.6	0.08520281	1.3
224948_at	0.8219379	1.0	3.41744E-06	2.5	1.48588E-06	2.8	0.001527906	1.7	0.000969954	1.8	0.000719929	0.6
202207_at	0.8618174	1.0	0.001171605	0.4	0.002008395	2.4	0.01165876	0.5	0.009410584	0.5	0.5347152	1.2
209508_x_at	0.7800858	1.0	1.22639E-06	2.6	7.77001E-06	2.7	1.23385E-06	2.0	0.000124915	2.1	0.003167787	0.8
207920_x_at	0.6385099	1.0	4.82E-08	3.0	1.26E-09	3.0	0.000138677	2.1	7.60961E-05	2.2	0.05218461	0.7
1405_i_at	0.8742891	1.0	2.10377E-06	6.9	6.0558E-07	6.4	0.000517777	2.9	0.000287716	3.0	0.004911406	0.5
218668_s_at	0.5258324	1.0	7.46361E-06	2.2	1.42666E-06	2.5	8.14514E-06	1.6	4.29562E-06	1.7	0.008507001	0.7
223981_at	0.7664466	1.0	1.51028E-06	2.5	9.85E-06	2.4	0.005955647	1.4	0.01020325	1.5	0.001001746	0.6
230659_at	0.74599	1.0	0.01829026	2.2	0.01645425	1.4	0.2794375	1.1	0.1200157	1.2	0.154389	0.8
202444_s_at	0.7113127	1.0	0.001405455	0.6	0.000112552	1.8	0.001542175	0.6	0.00392807	0.6	0.4920026	1.1
206034_at	0.5775126	1.0	3.78E-11	2.1	3.35349E-07	1.9	0.000147679	1.5	0.000207773	1.5	0.007747276	0.8
224780_at	0.613664	1.0	9.53212E-06	2.2	3.46476E-06	2.3	7.1056E-05	1.5	0.000132595	1.6	0.009002614	0.7
219312_s_at	0.8011514	1.0	4.58743E-07	9.3	2.87E-08	8.7	2.91485E-07	4.8	3.35E-09	5.0	0.02420785	0.6
222731_at	0.677891	1.0	3.85695E-05	0.5	6.07212E-05	2.0	0.000171586	0.5	0.00092467	0.6	0.3445202	1.1
230389_at	0.9044923	1.0	0.00545182	2.1	0.00067358	3.9	0.01014587	2.9	0.003382795	3.0	0.2823864	0.8
1559573_at	0.8402685	1.0	9.29E-08	10.2	1.04E-10	11.3	3.67099E-05	4.0	2.70631E-06	4.2	7.45781E-05	0.4
32069_at	0.5126981	1.0	0.000202424	1.8	2.347E-06	2.1	0.3134748	1.1	0.1689433	1.2	0.000429082	0.6
212641_at	0.7563723	1.0	4.85286E-06	2.9	3.95286E-05	2.5	2.46645E-05	1.9	0.000449079	2.0	0.04234919	0.8

Figure 24-52

225407_at	0.680863	0.9	3.08938E-05	0.4	7.81899E-06	2.6	0.001068182	0.5	0.003279025	0.5	0.06355241	1.4
205322_s_at	0.7404058	0.9	4.96517E-05	2.1	4.01926E-07	2.3	0.002017265	1.7	3.55915E-05	1.8	0.0167138	0.8
228340_at	0.5521446	0.9	3.06441E-07	0.5	1.22532E-06	1.9	0.000616655	0.7	0.007348227	0.8	0.00047837	1.4
204407_at	0.6837332	0.9	0.02290773	1.9	0.003023706	1.7	0.9989195	1.0	0.7680394	1.1	0.0356993	0.6
1558783_at	0.7998083	0.9	0.000287615	2.5	8.63353E-05	3.4	9.55588E-06	3.3	6.13337E-05	3.5	0.850598	1.0
213940_s_at	0.6045504	0.9	1.7688E-05	2.0	5.66155E-06	2.1	0.000147202	1.5	0.000366867	1.6	0.01943772	0.8
224964_s_at	0.5736733	0.9	1.51E-08	2.0	4.01287E-06	2.1	0.001222016	1.3	0.006725124	1.4	0.000103317	0.7
210001_s_at	0.7457269	0.9	7.05325E-05	3.9	7.80855E-06	4.5	7.09298E-05	2.2	0.000314323	2.4	0.01227578	0.5
209037_s_at	0.7546683	0.9	2.10871E-06	3.7	2.95E-08	3.3	0.000949699	2.1	8.59532E-06	2.2	0.000412986	0.7
221986_s_at	0.5417349	0.9	5.02257E-06	0.4	1.10E-08	2.5	0.001187345	0.7	0.000647473	0.7	2.28019E-06	1.9
211862_x_at	0.6811991	0.9	1.68216E-06	3.1	1.37691E-06	2.7	1.09585E-05	1.9	0.000113304	2.0	0.001569332	0.7
201963_at	0.4777873	0.9	1.71E-08	2.9	2.24E-11	2.9	1.34753E-05	1.7	1.1838E-06	1.8	6.42316E-05	0.6
224675_at	0.3122222	0.9	5.72004E-05	0.5	5.22538E-05	1.9	0.001400052	0.5	0.002687617	0.6	0.6179347	1.1
228562_at	0.7092872	0.9	4.63652E-07	6.4	6.11E-09	7.6	1.8333E-07	4.1	1.28E-08	4.3	0.01009437	0.6
238077_at	0.7055268	0.9	9.68219E-05	0.3	1.39591E-05	3.0	0.00210977	0.5	0.004189114	0.5	0.1378046	1.4
225721_at	0.6627373	0.9	3.78E-08	6.7	2.41E-10	5.4	2.15E-08	3.1	5.52E-08	3.3	9.24863E-06	0.6
209491_s_at	0.7407348	0.9	0.008239307	2.0	0.003659633	1.8	0.03255881	1.6	0.02138673	1.7	0.6863821	0.9
220104_at	0.6382813	0.9	9.27756E-07	4.7	3.30727E-07	5.3	0.000317277	2.4	0.000147845	2.5	0.005203532	0.5
206020_at	0.6954406	0.9	0.000187981	0.4	0.000822358	2.1	8.07928E-05	0.5	0.000182666	0.5	0.8281164	1.0
226189_at	0.8321799	0.9	1.78057E-07	12.7	1.04E-08	9.5	0.000125031	4.3	1.01911E-06	4.6	0.002346938	0.5
225123_at	0.662243	0.9	0.001558974	2.0	1.96549E-05	2.1	0.09931134	1.3	0.01741302	1.4	0.005628233	0.7
217985_s_at	0.5720842	0.9	0.000859353	2.0	5.28442E-05	2.2	0.008099795	1.4	0.00185795	1.5	0.06464179	0.8
209722_s_at	0.6175689	0.9	0.002122097	2.9	2.23899E-05	2.2	0.007956227	1.7	0.002968069	1.8	0.254894	0.8
221985_at	0.5039513	0.9	1.81247E-05	0.4	8.77E-09	2.2	0.07031345	0.8	0.114446	0.9	7.10812E-07	1.9
225005_at	0.5943574	0.9	3.44151E-07	0.3	4.76E-09	3.6	0.000151955	0.6	1.57965E-05	0.6	8.47238E-06	2.1
230850_at	0.7247139	0.9	0.06819321	1.5	0.002088337	2.3	0.0522146	1.5	0.04247575	1.6	0.10519	0.7
209628_at	0.4014231	0.9	1.17128E-06	2.6	2.08E-09	2.9	1.00818E-05	1.6	7.60466E-06	1.8	9.70076E-05	0.6
212861_at	0.5009406	0.9	1.43282E-05	0.5	1.64791E-05	2.2	0.000104651	0.6	0.001193362	0.6	0.04659944	1.4
208810_at	0.3788483	0.9	0.000176015	2.5	7.50886E-06	2.4	0.006299911	1.3	0.000956163	1.4	0.001087949	0.6
212642_s_at	0.6277567	0.9	9.71024E-06	2.2	4.55481E-05	2.2	8.90168E-05	1.8	0.000306332	1.9	0.2756647	0.9
219382_at	0.3020932	0.9	4.07565E-06	0.4	7.07095E-05	1.9	0.000140956	0.5	0.000478602	0.6	0.5176542	1.1
222863_at	0.7728218	0.9	3.46471E-06	5.0	3.11029E-07	6.0	0.001023372	3.3	8.51231E-06	3.6	0.04450336	0.6
212441_at	0.1754884	0.9	1.11E-08	0.5	1.41831E-07	1.8	3.55E-08	0.6	1.96875E-06	0.7	0.01849928	1.2
204497_at	0.7091104	0.9	0.07042402	1.4	0.001868947	1.9	0.07654475	1.4	0.03236068	1.5	0.1664392	0.8
225344_at	0.7212415	0.9	0.1279379	1.6	0.002054717	2.4	0.33946	1.3	0.1264987	1.4	0.06720277	0.6
1553286_at	0.5901299	0.9	0.002366508	0.2	0.00515249	4.1	0.00338568	0.4	0.007416939	0.5	0.1564261	1.9

Figure 24-53

219183_s_at	0.3299349	0.9	1.05443E-06	0.4	7.20898E-06	2.0	1.60259E-06	0.6	8.31719E-05	0.6	0.03514525	1.3
213912_at	0.5796378	0.9	0.000261406	2.6	6.68094E-07	2.8	0.4867806	1.1	0.2598653	1.3	0.000533679	0.4
222631_at	0.3271718	0.9	2.8633E-05	2.4	3.47291E-07	2.9	0.007387382	1.4	0.001140281	1.5	0.000156276	0.5
218576_s_at	0.4320207	0.9	0.007455472	0.5	0.001036763	2.3	0.07801639	0.7	0.1422104	0.7	0.09243257	1.6
208296_x_at	0.5471245	0.9	2.12754E-05	2.4	4.28E-09	2.6	0.000575722	1.9	5.57034E-07	2.0	0.002901024	0.8
219354_at	0.6178423	0.9	0.000182229	0.3	0.001120091	2.9	0.005237197	0.6	0.04293548	0.7	0.02664396	1.9
225751_at	0.4591674	0.9	0.000519426	2.1	9.3897E-07	2.1	0.05860398	1.3	0.006164558	1.4	0.001618404	0.7
205809_s_at	0.639361	0.9	0.006380464	0.5	0.05464242	1.7	0.000686256	0.6	0.02292765	0.6	0.0767299	1.1
216511_s_at	0.3916758	0.9	1.95399E-05	2.4	1.67E-09	2.3	0.02265849	1.3	0.001141449	1.5	0.000196546	0.6
224571_at	0.3660074	0.9	0.000130789	0.5	5.13381E-07	1.9	0.006730089	0.7	0.01979271	0.8	0.000869011	1.5
207901_at	0.7682437	0.9	1.1356E-06	31.8	3.04E-08	31.1	0.000283985	4.0	0.00059605	4.3	6.10472E-05	0.1
209451_at	0.4185179	0.9	9.4789E-05	2.0	7.55716E-06	2.0	0.005214307	1.4	0.00126726	1.5	0.025636	0.8
218833_at	0.243618	0.9	1.24191E-06	2.1	5.49E-08	2.0	0.008556251	1.4	0.001675932	1.5	0.02733652	0.8
1555420_a_at	0.2721585	0.9	1.42964E-05	2.5	5.76487E-07	2.3	0.01728297	1.3	0.002564202	1.4	0.000720008	0.6
221062_at	0.737027	0.9	0.001584499	3.7	0.000248183	3.9	0.001626296	2.0	0.01787868	2.2	0.006514112	0.6
212983_at	0.4867549	0.9	0.003871136	0.4	0.01822895	2.0	0.05981937	0.6	0.1008531	0.6	0.4898646	1.3
219471_at	0.6952549	0.9	0.000111647	3.3	7.111E-07	2.7	0.4248673	1.2	0.07212394	1.4	7.81831E-05	0.5
241068_at	0.485582	0.9	2.65698E-05	2.5	1.49835E-06	2.6	0.000913526	1.6	0.000284172	1.8	0.00450463	0.7
243999_at	0.5993036	0.9	0.003662738	2.2	0.000369716	2.3	0.1723678	1.3	0.0336458	1.4	0.01458211	0.6
1569599_at	0.6953945	0.9	0.003161521	2.2	0.003702603	2.4	0.2050592	1.3	0.1734206	1.4	0.01395102	0.6
218099_at	0.3152016	0.9	0.000290167	0.5	3.0586E-05	2.3	0.00852295	0.6	0.03150895	0.7	0.02360708	1.6
209629_s_at	0.370299	0.9	3.30356E-07	3.6	4.41E-09	3.1	0.00090886	1.6	6.55893E-05	1.8	0.000427491	0.6
209196_at	0.3851813	0.9	0.009138299	0.6	0.1746791	1.2	0.004441675	0.6	0.0352586	0.7	0.3411205	0.9
239213_at	0.4847645	0.9	0.001345737	1.9	0.000310547	2.1	0.3795601	1.2	0.1521007	1.3	0.02687932	0.6
218223_s_at	0.2480232	0.9	4.20446E-07	0.4	1.48082E-07	2.2	6.31805E-06	0.6	0.000217968	0.7	0.000697994	1.5
235116_at	0.6558777	0.9	3.01422E-05	3.9	8.36586E-06	3.8	0.000144953	3.1	9.12749E-07	3.4	0.6507418	0.9
213772_s_at	0.2003147	0.9	1.48183E-06	0.5	1.06884E-05	1.8	5.43566E-05	0.6	0.000304702	0.7	0.03686696	1.3
1555638_a_at	0.3433184	0.9	5.23512E-05	2.7	2.50E-11	2.7	0.08010415	1.3	0.006329619	1.4	6.72288E-05	0.5
207992_s_at	0.5314007	0.9	0.000326116	2.1	0.000212239	2.0	0.000184755	1.9	0.000124216	2.1	0.6189464	1.1
202206_at	0.6375717	0.9	0.001869578	0.4	0.001869421	2.4	0.00464634	0.5	0.01022623	0.5	0.3167044	1.3
239987_at	0.564631	0.9	0.003095358	1.9	0.000389513	2.5	0.000243553	2.4	0.000302425	2.7	0.7625164	1.1
1557036_at	0.6589119	0.9	0.001726267	0.4	0.01845895	1.9	0.3035362	0.8	0.5828814	0.9	0.04508375	1.7
203643_at	0.4808956	0.9	0.01602102	0.6	0.05197673	1.5	0.003279244	0.6	0.01243762	0.7	0.9147144	1.0
205973_at	0.4164266	0.9	0.003236417	2.2	2.54993E-06	2.7	0.09892596	1.3	0.009211579	1.5	0.00089003	0.5
219299_at	0.306685	0.9	0.000947602	0.5	0.003828587	1.7	0.002704947	0.4	0.006910556	0.5	0.4690462	0.8
210260_s_at	0.5145963	0.9	7.76342E-05	2.5	2.14518E-07	2.6	0.002567718	1.8	8.37511E-06	2.0	0.003798313	0.8

Figure 24-54

44790_s_at	0.6748828	0.9	0.001095448	3.1	1.03491E-05	2.7	0.7016219	1.1	0.2566364	1.3	0.000447464	0.5
242191_at	0.6442353	0.9	0.001201302	2.7	0.000160307	3.5	8.0135E-05	2.8	0.000468562	3.2	0.6432449	0.9
200881_s_at	0.3462449	0.9	6.40732E-05	2.3	1.72509E-07	2.4	0.05493081	1.3	0.005143642	1.5	0.000223512	0.6
1561908_a_at	0.4864689	0.9	0.00106052	4.5	1.35062E-06	4.0	0.002011235	1.8	0.000989748	2.1	0.003853764	0.5
206420_at	0.2574182	0.9	0.000156143	2.5	4.43E-08	2.5	0.006494517	1.4	0.000174473	1.6	0.001518944	0.7
1552542_s_at	0.2618102	0.9	0.000716873	1.7	6.60697E-06	1.9	0.000824422	1.5	7.16615E-06	1.7	0.3073265	0.9
224508_at	0.5527579	0.9	0.000459099	2.2	0.000150351	2.4	0.2008034	1.4	0.08287971	1.5	0.05197489	0.6
222301_at	0.4517615	0.9	1.90651E-07	4.3	3.79E-08	5.3	0.000706777	2.0	0.000368323	2.3	0.000305819	0.4
226776_at	0.3608514	0.9	0.06683463	0.8	0.3611171	1.1	0.01380668	0.6	0.03753023	0.7	0.01257075	0.6
210266_s_at	0.0761907	0.9	7.27864E-06	0.5	5.56054E-06	1.9	1.28272E-05	0.6	0.000459555	0.7	0.01349888	1.3
206370_at	0.4973562	0.9	0.002617373	0.5	0.003444812	1.6	0.0104737	0.5	0.02282585	0.5	0.570381	0.9
239377_at	0.2574215	0.9	0.000167611	0.5	0.000578923	1.8	0.000710136	0.6	0.01027331	0.7	0.0879445	1.3
217966_s_at	0.493244	0.9	0.000552171	2.3	9.08604E-06	3.1	0.008642764	1.7	0.00199381	1.9	0.01090512	0.6
1560069_at	0.4060485	0.9	0.01669987	1.5	0.000237119	2.3	0.001374902	1.8	0.000718757	2.1	0.5833158	0.9
209989_at	0.199812	0.9	0.01280924	0.4	0.06294946	1.8	0.00135297	0.6	0.008683731	0.6	0.6228489	1.2
203604_at	0.2728901	0.9	0.000114733	0.4	0.000355863	2.1	0.002385376	0.6	0.01914783	0.7	0.07001856	1.4
218224_at	0.4295076	0.9	0.002655042	0.5	2.50557E-05	2.0	0.006383175	0.6	0.008397823	0.7	0.03784293	1.3
232375_at	0.3529668	0.9	0.1578765	1.4	0.002195704	1.8	0.4851561	1.1	0.03226353	1.3	0.037119	0.7
205692_s_at	0.4301493	0.9	0.000108745	2.1	0.000309945	2.4	0.0152679	1.4	0.02306093	1.6	0.01230541	0.7
209038_s_at	0.4738203	0.9	4.82078E-05	3.1	2.48E-08	3.3	0.002419395	1.9	9.60414E-06	2.2	0.000169055	0.7
229593_at	0.4034982	0.9	9.28674E-05	0.4	0.001659874	2.0	0.006312129	0.7	0.1231959	0.7	0.02704417	1.5
218669_at	0.01647296	0.9	8.28E-08	2.2	1.25E-08	2.4	5.541E-05	1.5	1.66977E-06	1.7	0.00099604	0.7
201795_at	0.1936312	0.9	8.43671E-05	0.4	3.50042E-05	2.0	0.000253847	0.6	0.005667231	0.7	0.03212475	1.4
214674_at	0.1982362	0.9	0.08139507	0.7	0.1080476	1.2	0.000676035	0.6	0.007656024	0.7	0.1235905	0.8
214462_at	0.2892874	0.9	0.04139578	0.7	0.0020831	1.6	4.3006E-05	0.6	0.004961323	0.7	0.5670359	1.1
1552772_at	0.433956	0.9	0.007106873	1.9	7.46584E-05	2.5	0.7849242	0.9	0.6594867	1.1	0.0011729	0.4
235173_at	0.03631169	0.9	0.000901325	1.5	8.68805E-06	2.0	0.4656523	1.1	0.05273474	1.3	0.002423156	0.6
160020_at	0.4320763	0.9	0.01232461	1.6	5.38242E-05	2.0	0.6827212	1.1	0.2382672	1.3	0.01098202	0.6
207643_s_at	0.1498577	0.9	0.000104859	0.5	0.000970525	1.8	1.09047E-05	0.4	5.0463E-05	0.4	0.1194453	0.7
215485_s_at	0.2426165	0.9	1.58278E-05	4.2	2.59E-10	4.5	8.58007E-06	2.6	1.67288E-06	3.1	0.02597978	0.7
210145_at	0.3953011	0.9	9.07E-08	2.6	8.89278E-07	3.1	0.000446535	1.9	5.54059E-05	2.2	0.006606303	0.7
210190_at	0.2315329	0.9	0.002503981	2.7	6.54923E-07	2.3	0.000339772	1.5	5.00098E-05	1.8	0.000343584	0.8
218869_at	0.2211741	0.9	0.01802395	0.5	0.004267401	2.6	1.78773E-05	0.5	0.000859004	0.6	0.0953611	1.6
203752_s_at	0.01089206	0.9	1.17451E-05	0.5	0.000187289	1.8	6.80077E-06	0.5	0.00011388	0.6	0.3763174	1.1
207275_s_at	0.2197168	0.9	3.47896E-06	3.3	3.95E-10	3.1	0.000186827	1.7	1.42654E-06	2.0	0.000034198	0.6
227310_at	0.3934286	0.9	0.04049473	0.5	0.000457654	2.0	0.1156588	0.7	0.3317185	0.8	0.0166117	1.7

Figure 24-55

209267_s_at	0.5446627	0.9	0.002133212	2.5	1.90765E-06	3.1	0.1401959	1.5	0.002360452	1.7	0.002111904	0.6
205789_at	0.3805307	0.9	0.00026296	0.4	0.005461913	1.9	0.0307944	0.6	0.09272069	0.7	0.2753665	1.3
200880_at	0.240228	0.9	3.48757E-05	2.1	8.40E-08	2.5	0.07814445	1.3	0.004137978	1.5	9.15705E-05	0.6
212520_s_at	0.283109	0.9	0.02004534	0.7	0.972627	1.0	0.01410108	0.5	0.04796372	0.5	0.04543996	0.5
210087_s_at	0.3683281	0.9	0.000313786	2.7	0.000986235	2.0	0.04953341	1.4	0.01631794	1.7	0.3327944	0.8
222221_x_at	0.4357256	0.9	1.82901E-05	2.9	3.01019E-07	3.0	0.003606599	1.8	1.56323E-05	2.2	0.000379691	0.7
1554958_at	0.1942288	0.9	0.01288823	0.5	0.01405215	1.8	0.03503049	0.7	0.2706652	0.9	0.06267399	1.6
216035_x_at	0.1730084	0.9	1.68813E-05	2.0	6.00E-08	2.2	0.033241	1.3	0.000321146	1.5	0.000997654	0.7
201502_s_at	0.1638866	0.9	3.4388E-06	2.0	6.94827E-07	2.2	1.88046E-05	1.6	8.09884E-06	1.9	0.08847468	0.9
202208_s_at	0.4258567	0.9	4.76601E-05	0.4	0.001217315	2.1	0.000309861	0.4	0.002392809	0.5	0.5474843	1.1
216037_x_at	0.1466331	0.9	0.000655581	1.9	5.34176E-07	2.1	0.02796761	1.3	0.000873739	1.5	0.001294772	0.7
205220_at	0.2798595	0.9	1.57214E-06	3.2	2.41E-13	4.0	0.000132651	2.1	8.68E-10	2.5	2.40013E-05	0.6
217176_s_at	0.2065114	0.9	1.12883E-05	3.6	2.01522E-06	3.4	0.000258654	1.9	1.64632E-05	2.3	0.0432364	0.7
217309_s_at	0.2827992	0.9	0.01344641	0.5	0.002837319	2.1	0.1017983	0.7	0.444075	0.9	0.01370741	1.9
1556346_at	0.1478044	0.8	0.0092594	0.6	0.01528541	1.5	0.001842742	0.5	0.009970631	0.6	0.4505294	0.9
207616_s_at	0.09100656	0.8	0.001723111	2.0	5.03E-10	2.0	0.001214044	1.4	1.09321E-07	1.7	0.00597597	0.8
242586_at	0.2360031	0.8	0.007259591	2.2	0.000854737	2.8	0.1528078	1.3	0.02781968	1.5	0.03004365	0.5
230634_x_at	0.23373	0.8	5.9387E-06	0.3	2.77199E-05	2.1	1.51758E-05	0.5	0.000767874	0.6	0.167126	1.2
1554178_a_at	0.2188331	0.8	0.01138778	0.4	0.07326998	1.7	0.002090823	0.6	0.007280082	0.8	0.3520394	1.3
220608_s_at	0.1751851	0.8	0.000699693	0.5	0.000195803	1.8	0.02751612	0.7	0.256576	0.9	0.004088744	1.6
202864_s_at	0.1745375	0.8	2.25187E-05	0.5	0.000340892	1.7	1.72964E-06	0.5	0.000380367	0.6	0.8908088	1.0
236314_at	0.2181734	0.8	0.01058012	1.8	2.10374E-05	2.4	0.2723332	1.2	0.02560158	1.4	0.00856457	0.6
208811_s_at	0.000571802	0.8	0.000324706	2.3	3.29E-10	2.3	0.04890035	1.1	0.000288665	1.4	2.00217E-06	0.6
217986_s_at	0.03365704	0.8	8.21117E-05	2.0	3.73E-09	2.3	0.000730309	1.4	2.83861E-05	1.6	0.000639344	0.7
220231_at	0.4780692	0.8	0.00336683	2.3	0.000721714	2.8	0.7718934	1.1	0.3940752	1.3	0.01825234	0.5
201306_s_at	0.05743746	0.8	3.07254E-07	0.5	4.21146E-07	2.0	6.43564E-06	0.6	0.000211308	0.7	0.000833276	1.4
202911_at	0.02110255	0.8	2.00E-08	2.5	7.19E-13	2.7	6.22288E-06	2.0	5.09542E-07	2.3	0.1017018	0.8
230499_at	0.04313279	0.8	6.60E-08	3.1	6.86E-14	3.7	2.6001E-06	1.9	5.41E-08	2.2	1.97767E-05	0.6
1557312_at	0.3347178	0.8	2.32E-08	4.3	3.04E-08	4.9	1.75953E-06	2.5	3.5984E-06	3.0	0.00242521	0.6
1569868_s_at	0.1680585	0.8	0.005147267	0.6	0.7144265	1.1	0.04332864	0.6	0.139731	0.7	0.2153136	0.7
208805_at	0.06931337	0.8	2.61E-08	2.0	1.27E-10	2.4	0.07461641	1.2	0.000268648	1.4	1.94023E-05	0.6
209608_s_at	0.2641008	0.8	1.93799E-07	2.5	1.25881E-06	2.7	0.001015713	1.7	0.000109719	2.1	0.04158336	0.8
239363_at	0.3275652	0.8	0.002237022	0.6	0.3249111	1.2	0.000402408	0.5	0.003356649	0.6	0.02378224	0.7
207247_s_at	0.1924655	0.8	3.10E-10	4.0	4.73E-09	4.3	3.64E-08	2.5	3.45149E-07	3.0	0.003333679	0.7
226773_at	0.2567338	0.8	0.003885057	1.7	7.18644E-06	2.1	0.09949018	1.3	0.005500349	1.6	0.03650184	0.7
202181_at	0.05385476	0.8	2.10E-09	1.9	5.54E-08	2.2	1.34837E-06	1.6	2.01063E-06	1.9	0.006135102	0.8

Figure 24-56

225099_at	0.0433788	0.8	2.99643E-07	0.5	4.77E-08	1.9	1.17E-08	0.4	2.21067E-07	0.5	0.5909094	1.0
204278_s_at	0.09910323	0.8	0.000935529	0.6	0.1335111	1.2	8.25479E-05	0.5	0.001839216	0.6	0.08186241	0.7
204171_at	0.06628184	0.8	0.000994695	0.6	0.07898328	1.2	6.38224E-06	0.6	0.001358934	0.7	0.03863711	0.8
204063_s_at	0.3204721	0.8	0.006325893	2.6	8.22389E-05	2.4	0.003847111	1.6	0.000881029	1.9	0.159693	0.8
226280_at	0.1011264	0.8	0.000122892	0.5	0.000920474	1.7	0.000955422	0.6	0.03271132	0.8	0.06107947	1.3
204387_x_at	0.1986892	0.8	0.000469885	0.4	0.1090435	1.4	0.01959027	0.6	0.1345999	0.8	0.7867749	1.1
228938_at	0.1977959	0.8	0.0506257	0.4	0.002521291	3.1	0.01568309	0.5	0.06208801	0.6	0.1155971	1.8
220204_s_at	0.194371	0.8	0.0205014	0.7	0.3132177	1.1	0.006100423	0.5	0.03714707	0.6	0.1206154	0.7
202552_s_at	0.1384302	0.8	0.02274549	1.7	0.001727758	2.2	0.002314554	1.4	7.64109E-05	1.7	0.2270123	0.8
218319_at	0.03056122	0.8	9.66E-11	3.5	4.98E-12	4.1	2.87429E-06	2.0	1.28115E-07	2.4	0.000118355	0.6
219289_at	0.2444637	0.8	0.000441248	0.4	0.002696042	2.2	0.00082683	0.4	0.007625056	0.5	0.7442191	1.1
218486_at	0.09145317	0.8	0.000212661	0.4	0.000202867	1.9	0.000638036	0.6	0.005558101	0.7	0.06044797	1.4
222653_at	0.2316204	0.8	0.03356218	0.6	0.1127803	1.4	0.001870751	0.6	0.1037272	0.8	0.737994	1.1
1557966_x_at	0.1585127	0.8	0.004102062	0.7	0.2301927	1.2	0.01247105	0.5	0.04996653	0.6	0.1401158	0.7
228170_at	0.2239104	0.8	4.68032E-07	0.2	4.89824E-07	4.5	3.92257E-05	0.4	0.000589104	0.5	0.001382426	2.2
207535_s_at	0.2292231	0.8	0.006111574	2.0	0.000777683	2.3	0.1754952	1.2	0.02210118	1.5	0.04064016	0.7
212761_at	0.1869265	0.8	0.001265559	2.0	9.59E-08	2.3	0.03772875	1.4	0.00012119	1.7	0.008524475	0.7
205300_s_at	0.1869312	0.8	0.3658397	0.9	0.2910773	1.2	0.000845921	0.5	0.01180408	0.6	0.04382403	0.7
212762_s_at	0.2082846	0.8	1.34552E-05	2.2	6.24021E-06	2.5	0.03374886	1.4	0.002914177	1.7	0.006123686	0.7
218986_s_at	0.2173715	0.8	0.02555862	1.6	0.000171867	2.2	0.5198625	1.1	0.07809867	1.4	0.0156659	0.6
203785_s_at	0.2062101	0.8	5.84397E-05	0.3	0.000138569	2.6	0.002610916	0.4	0.008467684	0.4	0.7068428	1.1
207405_s_at	0.06851859	0.8	2.39646E-06	0.5	0.00355544	1.3	4.83658E-05	0.5	0.001283609	0.6	0.1168242	0.8
26728_at	0.2314305	0.8	0.002327468	0.5	0.07416338	1.4	0.009107504	0.6	0.03830345	0.8	0.7537901	1.1
208112_x_at	0.3563623	0.8	0.000214964	2.6	3.43961E-07	3.1	0.009695673	1.8	8.33502E-06	2.2	8.76634E-05	0.7
203532_x_at	0.2055984	0.8	0.05725525	0.7	0.1878531	1.3	0.003519525	0.4	0.01494371	0.5	0.1124831	0.6
209077_at	0.04127705	0.8	0.000238897	0.5	0.1299609	1.2	0.003377136	0.7	0.06771851	0.8	0.8672826	1.0
202723_s_at	0.0759465	0.8	7.34468E-06	0.4	0.000143839	1.9	0.000478117	0.6	0.01612128	0.7	0.09908069	1.3
223168_at	0.2075698	0.8	2.75302E-07	3.5	1.50E-08	3.6	0.06145986	1.4	0.001750276	1.7	8.34463E-05	0.5
231699_at	0.0918239	0.8	7.76303E-05	2.4	3.96008E-05	2.4	5.03633E-05	1.9	9.46E-08	2.3	0.7801767	1.0
215930_s_at	0.2932069	0.8	0.003282326	0.5	0.2234274	1.3	0.01067027	0.6	0.1392175	0.7	0.7019645	0.9
214062_x_at	0.4263243	0.8	0.002403965	2.2	0.0216839	1.9	8.1011E-05	1.4	0.05061286	1.7	0.1560931	0.9
236995_x_at	0.2522422	0.8	0.00608692	1.6	0.000107676	2.1	0.08681653	1.3	0.006332958	1.6	0.02556163	0.8
204062_s_at	0.2204112	0.8	0.000151769	2.6	1.25031E-07	3.0	0.03145539	1.5	0.0008587	1.8	0.006577094	0.6
235670_at	0.1469323	0.8	2.57881E-06	1.9	6.77549E-07	2.1	0.03085798	1.3	0.000100349	1.6	0.000592425	0.8
205992_s_at	0.3739668	0.8	0.004013054	2.0	0.000249787	2.3	0.2528026	1.3	0.02535404	1.6	0.03604987	0.7
235648_at	0.1568182	0.8	0.001206529	0.6	0.01558566	1.4	8.45574E-05	0.5	0.000575045	0.6	0.252385	0.9

Figure 24-57

222243_s_at	0.003149865	0.8	4.42162E-07	0.5	0.000170247	1.5	8.861E-06	0.5	0.000298296	0.6	0.8875658	1.0
227277_at	0.2196482	0.8	0.006690372	0.6	0.5702302	1.1	0.003987045	0.6	0.06856591	0.7	0.2037523	0.8
35150_at	0.08077423	0.8	0.000147027	2.1	1.32132E-05	2.5	0.1602007	1.2	0.001434835	1.5	0.002387522	0.6
207075_at	0.1341044	0.8	1.30E-11	7.6	1.22E-12	9.8	2.89E-11	5.1	1.71E-11	6.2	0.000328512	0.6
229268_at	0.01253171	0.8	0.00001E-06	0.5	0.000220369	1.6	5.18588E-06	0.5	0.000209528	0.7	0.6397339	1.1
19869_s_at	0.4557121	0.8	0.000851156	3.3	1.22982E-06	3.3	0.3346082	1.3	0.01385089	1.6	0.001901404	0.5
204601_at	0.03751805	0.8	8.20586E-05	1.7	8.45262E-07	2.1	0.4199751	0.9	0.4754796	1.1	0.000293417	0.5
203447_at	0.05108291	0.8	2.49897E-07	3.7	8.87E-08	4.1	7.04361E-05	2.0	4.58594E-06	2.5	0.0110186	0.6
239063_at	0.3075757	0.8	0.001620705	2.9	7.21744E-05	2.7	0.1116744	1.4	0.02556073	1.7	0.04860983	0.7
225641_at	0.1804931	0.8	0.001730793	0.5	0.03360068	1.6	0.0309926	0.7	0.5266849	0.9	0.0640068	1.5
217173_s_at	0.264699	0.8	0.005724306	3.5	1.65515E-05	3.1	0.07655475	1.3	0.008089489	1.6	0.002093845	0.5
217501_at	0.04972119	0.8	4.44168E-05	0.6	0.2029752	1.1	6.27084E-06	0.6	0.004784956	0.7	6.16886E-05	0.6
222326_at	0.3094226	0.8	0.002530143	2.2	0.000286421	2.7	0.003589591	1.7	0.001020159	2.1	0.2375441	0.8
204781_s_at	0.0595564	0.8	1.1822E-05	1.9	2.28806E-06	2.1	0.1276423	1.2	0.003195655	1.5	0.003546007	0.7
227045_at	0.1366857	0.8	4.51332E-05	0.6	0.05832944	1.2	0.000589561	0.5	0.008590002	0.6	0.1255339	0.8
201670_s_at	0.06621486	0.8	4.61464E-06	2.9	1.92E-10	3.0	0.000111081	1.7	2.55217E-07	2.1	0.000210254	0.7
215346_at	0.1677448	0.8	0.001314105	2.2	5.723E-07	2.7	0.2845401	1.2	0.03020369	1.5	0.003343126	0.6
1557609_s_at	0.3976109	0.8	0.04863947	1.9	0.01271817	1.9	0.06906588	1.5	0.02974462	1.8	0.7848232	0.9
226725_at	0.2562641	0.8	0.001564682	2.0	6.25865E-05	2.5	0.32774	1.2	0.03126116	1.5	0.006010856	0.6
201945_at	0.04552958	0.8	2.6282E-05	0.5	0.000792401	1.6	5.57966E-05	0.6	0.001167616	0.7	0.2906389	1.1
242281_at	0.1235073	0.8	0.000900039	0.5	0.02470872	1.5	0.000151053	0.5	0.002100988	0.6	0.7283847	0.9
218706_s_at	0.1697756	0.8	0.00167561	3.6	5.64023E-07	3.5	0.000775635	1.8	5.69431E-05	2.3	0.02668839	0.7
223174_at	0.02490868	0.8	0.001059872	0.7	0.01871338	1.3	6.06826E-05	0.5	0.001373308	0.6	0.08902012	0.8
229295_at	0.06967971	0.8	4.21641E-06	0.4	0.000174586	2.0	0.000199472	0.5	0.003570155	0.6	0.537307	1.1
204136_at	0.09677446	0.8	0.000505873	0.6	0.7755649	1.0	0.00537586	0.7	0.1600206	0.8	0.3315897	0.9
223057_s_at	0.01785097	0.8	0.02089153	0.5	0.01521511	2.0	5.5444E-05	0.6	0.00444748	0.7	0.1460905	1.5
218149_s_at	0.2964838	0.8	0.002252953	0.4	0.10516	1.5	0.01396557	0.4	0.05073662	0.5	0.4738642	0.8
242234_at	0.1814647	0.8	0.5066608	1.1	0.00174373	2.0	0.8358703	1.0	0.2583624	1.2	0.0187416	0.6
1561469_at	0.5825087	0.8	2.13483E-05	3.9	0.000827539	4.8	0.004260275	2.2	0.01444195	2.8	0.01191982	0.6
225904_at	0.06130939	0.8	1.96E-08	0.3	6.92E-08	2.4	0.000480011	0.5	0.00940156	0.7	0.008064086	1.5
218522_s_at	0.04615467	0.8	0.000308898	0.6	0.000165452	1.5	1.59314E-05	0.5	0.000771275	0.6	0.5231089	0.9
219920_s_at	0.1558068	0.8	0.003618356	0.7	0.8331527	1.0	0.001186697	0.5	0.03083752	0.6	0.02813299	0.7
235175_at	0.2203009	0.8	0.09020945	1.5	0.001983013	2.2	0.9610902	1.0	0.2048403	1.2	0.02492234	0.6
229983_at	0.04777634	0.8	0.000829174	0.5	0.004164394	1.8	2.4556E-05	0.6	0.003423321	0.7	0.1971661	1.3
204370_at	0.01510205	0.8	3.3159E-05	0.6	0.000841815	1.5	3.11414E-05	0.5	0.001120152	0.6	0.5698287	0.9
204436_at	0.001293771	0.8	3.58314E-07	0.4	4.60966E-06	1.9	1.09189E-07	0.5	1.44625E-05	0.6	0.09737431	1.2

Figure 24-58

208534_s_at	0.1539544	0.8	0.01236858	0.6	0.2112502	1.3	0.02909373	0.7	0.3510288	0.8	0.7319477	1.1
1552330_at	0.05310229	0.8	2.63067E-06	0.4	1.22585E-07	2.3	0.00183979	0.5	0.01374719	0.6	0.225025	1.3
224783_at	0.02930404	0.8	0.000759007	0.5	0.006502115	1.4	9.65307E-06	0.6	0.002226458	0.7	0.5444462	1.1
212541_at	0.0320301	0.8	0.00753831	0.6	0.1104204	1.2	0.001259381	0.6	0.0257025	0.7	0.268067	0.8
1552257_a_at	0.1326045	0.8	2.24668E-05	0.5	0.113515	1.2	0.03651332	0.7	0.3227447	0.9	0.7773391	1.0
232728_at	0.01209412	0.8	2.65555E-07	0.3	4.15899E-07	2.5	0.002706924	0.3	0.01083602	0.4	0.8021082	1.1
217371_s_at	0.3852806	0.8	0.04657953	1.7	0.002998783	2.5	0.09512068	1.4	0.04526667	1.7	0.05618892	0.7
210959_s_at	0.1650507	0.8	0.000101759	0.5	0.003677489	1.5	0.09911846	0.7	0.6293674	0.9	0.03482949	1.4
32723_at	0.05987751	0.8	2.48293E-05	0.5	0.009237275	1.5	0.000164788	0.5	0.004451127	0.6	0.4950888	0.9
202459_s_at	0.01281633	0.8	0.000370944	0.5	7.58E-08	1.7	8.60118E-05	0.6	0.001323408	0.8	0.000134366	1.4
239035_at	0.1004125	0.8	0.004803597	0.6	0.3374816	1.2	0.000187638	0.5	0.01579395	0.7	0.1385483	0.8
202067_s_at	0.1749591	0.8	9.95417E-05	2.8	6.50887E-07	3.5	0.08564744	1.3	0.003388545	1.7	0.000548544	0.5
227784_s_at	0.1600187	0.8	0.001692963	0.5	0.04042984	1.6	0.000860804	0.7	0.2538983	0.8	0.1546317	1.3
235574_at	0.3511093	0.8	0.08009557	1.7	0.001954424	2.3	0.5876048	1.1	0.08931562	1.4	0.05909008	0.6
213692_s_at	0.0866228	0.8	0.000141861	0.4	0.001615944	1.9	0.000445832	0.5	0.008913756	0.7	0.1751481	1.3
238030_at	0.07627939	0.8	0.3837506	0.9	0.2778922	1.1	0.01032326	0.5	0.05662261	0.6	0.1406584	0.7
229022_at	0.009177684	0.8	2.41109E-06	2.7	2.82E-08	3.1	2.21057E-05	1.9	4.25694E-07	2.4	0.04945665	0.8
219678_x_at	0.07717867	0.8	0.001935271	0.5	0.05185813	1.2	0.000270671	0.6	0.001450346	0.7	0.1825964	0.9
1552344_s_at	0.05632111	0.8	0.005118542	0.6	0.006699298	1.6	4.29015E-06	0.6	0.01394168	0.7	0.3584012	1.1
208669_s_at	0.03703564	0.8	0.005735128	0.7	0.1109284	1.2	9.74656E-05	0.5	0.005337383	0.6	0.07028206	0.8
227139_s_at	0.2354122	0.8	0.004250713	0.6	0.02994167	1.6	0.003157646	0.5	0.05249745	0.6	0.9283169	1.0
218301_at	0.01152547	0.8	0.000667475	0.5	0.01027984	1.4	4.46255E-06	0.5	0.001106792	0.7	0.6295413	0.9
226111_s_at	0.01917204	0.8	1.11004E-05	0.5	0.000431741	1.6	0.002095548	0.6	0.08740474	0.8	0.06784354	1.3
202644_s_at	0.08579572	0.8	8.05174E-06	2.4	1.19E-08	3.2	8.82959E-06	2.0	4.61521E-07	2.6	0.01607598	0.8
221244_s_at	0.1159056	0.8	0.01368246	0.4	0.02182215	2.3	0.007438753	0.6	0.1793301	0.8	0.07660762	1.8
227150_at	0.1314259	0.8	7.68861E-05	2.2	4.40366E-06	2.3	0.03221938	1.4	0.000278117	1.7	9.68494E-05	0.7
227981_at	0.01441272	0.8	3.04502E-06	0.4	3.71859E-06	1.8	1.21567E-05	0.5	0.000544493	0.6	0.3910597	1.1
227634_at	0.05980059	0.8	0.1523928	0.8	0.2178651	1.2	0.01977759	0.6	0.1972883	0.8	0.04228689	0.6
223056_s_at	0.1391543	0.8	6.44911E-05	0.4	0.06479978	1.4	0.003431014	0.7	0.4313688	0.9	0.1289508	1.3
213455_at	0.1370161	0.8	0.000210536	0.4	0.011802	1.8	0.003446182	0.6	0.005073672	0.7	0.2487945	1.3
224507_s_at	0.3754121	0.8	0.002314145	2.3	0.000879872	2.7	0.4609985	1.2	0.1512117	1.6	0.03509323	0.6
209606_at	0.008683196	0.8	5.46212E-06	0.6	0.2015073	1.1	1.21256E-06	0.5	0.000476886	0.7	0.004037909	0.7
228677_s_at	0.1850554	0.8	0.002758437	0.6	0.8444885	1.0	0.009256023	0.6	0.1974605	0.8	0.2029666	0.8
238846_at	0.2726807	0.8	0.004321456	0.5	0.0856823	1.5	0.006702304	0.5	0.0749631	0.7	0.9451798	1.0
209667_at	0.01506299	0.8	0.001780603	0.5	0.710026	1.0	0.000332133	0.6	0.08152232	0.8	0.1715849	0.9
224393_s_at	0.05695244	0.8	3.68518E-05	0.2	0.000132142	4.9	0.000677936	0.2	0.002141064	0.3	0.6486525	1.2

Figure 24-59

219723_x_at	0.02154285	0.8	0.01956109	0.7	0.4512559	1.1	0.003088756	0.7	0.1533304	0.8	0.05911848	0.8
203432_at	0.01200445	0.8	5.67137E-07	3.4	5.60E-08	4.1	0.5227103	1.1	0.0499467	1.4	3.59363E-05	0.4
206026_s_at	0.2823267	0.8	9.13705E-07	3.8	2.81792E-06	5.2	1.27518E-06	2.9	1.57185E-05	3.8	0.002042307	0.7
215947_s_at	0.06745052	0.8	1.31107E-05	0.5	0.2246697	1.2	0.000574715	0.6	0.1171173	0.8	0.8261731	1.0
220110_at	0.2170231	0.8	5.08324E-07	5.1	6.66E-09	7.2	0.006033023	2.0	0.000154199	2.6	0.000234423	0.4
223265_at	0.122725	0.8	0.00080874	0.5	0.1603715	1.3	0.000802038	0.6	0.0223997	0.7	0.4584073	0.9
205640_at	0.03695818	0.8	0.006677802	0.5	0.05415722	1.4	0.00053272	0.6	0.0622801	0.8	0.5463124	1.1
227521_at	0.004944025	0.8	3.19468E-06	0.5	0.000154834	1.6	4.05428E-06	0.6	0.008654625	0.8	0.06069234	1.2
202638_s_at	0.03575575	0.8	1.97E-08	3.4	1.55E-11	4.1	1.79291E-07	2.3	6.40E-10	3.0	0.000571313	0.7
202076_at	0.002680115	0.8	1.36915E-05	1.8	1.22E-08	2.3	0.0368436	1.2	2.53229E-05	1.6	0.000665411	0.7
45828_at	0.03221808	0.8	2.13348E-06	0.5	0.00025867	1.6	0.000154256	0.6	0.05839793	0.8	0.0172159	1.3
226158_at	0.1273604	0.8	2.21917E-05	0.3	8.91856E-06	2.3	0.002213742	0.6	0.01239863	0.7	0.00101617	1.7
204780_s_at	0.03245043	0.8	0.00430971	1.7	5.33976E-06	2.1	0.08489694	1.2	0.000690806	1.6	0.04278766	0.8
204952_at	0.2922397	0.8	0.00032364	2.6	7.10187E-06	3.4	0.0305034	1.8	0.001938213	2.3	0.07894833	0.7
212886_at	0.007518759	0.8	2.86898E-05	0.5	0.000299941	1.6	3.83269E-05	0.5	0.001718103	0.6	0.8621111	1.0
219891_at	0.17065	0.8	0.000590833	0.5	0.1592318	1.4	0.02047216	0.6	0.3088341	0.8	0.7713107	1.1
225430_at	0.03914613	0.8	0.001917772	0.6	0.06855163	1.3	0.000418626	0.5	0.01504514	0.6	0.2817273	0.8
238714_at	0.1985498	0.8	0.01055164	1.6	0.001608338	2.2	0.05070304	1.4	0.01336384	1.8	0.2620618	0.8
213002_at	0.04095998	0.8	4.16094E-05	2.4	3.48096E-06	2.5	0.001934627	1.5	2.34669E-06	2.0	0.08251467	0.8
243601_at	0.01158305	0.8	7.37108E-06	1.8	2.13E-09	2.4	0.5444805	1.1	0.002496445	1.4	5.30003E-06	0.6
223188_at	0.01732847	0.8	0.000200578	1.8	9.23761E-07	2.0	0.1339976	1.2	0.001341954	1.5	0.00845194	0.7
214588_s_at	0.00665919	0.8	0.04701153	0.7	0.2036187	1.2	3.58643E-05	0.5	0.00215335	0.6	0.07334729	0.8
235899_at	0.2822699	0.8	0.002554582	1.8	0.00459467	2.2	0.1559494	1.2	0.07419874	1.5	0.0130592	0.7
228230_at	0.2636134	0.8	0.01029761	2.5	0.000435322	2.4	0.5858957	0.9	0.574239	1.1	0.003077241	0.5
225695_at	0.000728159	0.8	2.96E-08	0.5	4.72556E-05	1.5	2.93829E-06	0.6	0.002299035	0.8	0.1186002	1.2
218856_at	0.2174177	0.8	0.06366031	1.5	0.001819705	2.1	0.7108151	0.9	0.4099454	1.2	0.01932599	0.6
225083_at	0.002681604	0.8	3.59851E-07	1.8	5.20E-10	2.5	0.5009087	1.1	0.004348056	1.4	1.13384E-05	0.5
225319_s_at	0.02802962	0.8	1.15978E-06	0.4	8.32933E-05	1.7	1.79995E-07	0.5	0.000155663	0.6	0.8664714	1.0
225739_at	0.02944879	0.8	4.05601E-06	0.5	0.07176212	1.3	9.27021E-06	0.6	0.04184534	0.8	0.8668542	1.0
202637_s_at	0.02285753	0.8	1.20785E-07	3.8	1.94E-13	4.3	6.25277E-07	2.5	8.86E-09	3.2	0.0111758	0.7
205172_x_at	0.02801844	0.8	7.12668E-05	0.5	0.01569439	1.3	5.58676E-05	0.5	0.004649997	0.7	0.3947205	0.9
210538_s_at	0.01973463	0.8	3.27E-10	4.2	3.27E-12	5.1	6.59E-08	2.2	1.70E-09	2.9	2.72964E-05	0.6
220761_s_at	0.000347952	0.8	3.81293E-06	2.0	4.43E-09	2.5	0.1627851	1.1	4.76739E-06	1.4	2.66149E-06	0.6
227361_at	0.2043356	0.8	1.61277E-06	4.3	1.5596E-07	5.3	0.003811663	2.0	0.000693949	2.6	0.003874864	0.5
203686_at	0.02016324	0.8	0.02684769	0.5	0.1112978	1.6	0.08247565	0.8	0.8184924	1.0	0.09851029	1.7
243299_at	0.07499371	0.8	0.01384654	0.7	0.3972973	1.1	0.000253156	0.5	0.02393784	0.7	0.08625314	0.7

Figure 24-60

204274_at	0.01553671	0.8	0.000228891	0.6	0.006379126	1.4	6.85089E-05	0.5	0.003229934	0.6	0.2979924	0.9
204834_at	0.1992656	0.8	5.60124E-05	0.4	0.008993352	1.8	0.002754075	0.5	0.05594558	0.6	0.6678609	1.1
222583_s_at	0.005878416	0.8	0.000792747	0.5	0.0012323	1.7	4.73029E-06	0.5	0.000699924	0.6	0.7292527	1.1
211275_s_at	0.000306023	0.8	4.19307E-07	0.4	2.08668E-05	1.7	5.36967E-06	0.5	0.00140129	0.7	0.06423651	1.2
203274_at	0.04060869	0.8	1.72E-08	2.8	4.55E-08	3.4	1.47686E-05	3.1	7.75139E-07	4.0	0.2989238	1.2
231948_s_at	0.02633562	0.8	8.2224E-06	0.6	0.4865423	1.1	0.000278802	0.7	0.202781	0.9	0.3569254	0.9
209636_at	0.05410331	0.8	0.03068081	1.8	1.9241E-07	3.0	0.004948855	1.5	4.23912E-06	2.0	0.004364855	0.6
210378_s_at	0.05779387	0.8	2.36264E-05	0.4	0.000886293	1.9	0.00633868	0.5	0.07092311	0.6	0.4731413	1.2
205103_at	0.08708208	0.8	0.006474949	1.6	4.23435E-05	2.3	0.5513505	0.9	0.3663241	1.2	0.00177666	0.5
202969_at	0.04973241	0.8	3.63911E-05	0.3	0.001169435	2.2	2.26439E-05	0.3	0.000174695	0.3	0.25962	0.7
219097_x_at	0.01372811	0.8	1.95025E-05	0.5	0.05183325	1.3	3.50639E-06	0.6	0.003171529	0.7	0.5008513	0.9
205483_s_at	0.3410877	0.8	0.002010811	2.9	1.11294E-05	5.1	0.1858295	1.5	0.0364852	2.0	0.006676662	0.4
218165_at	0.001570914	0.8	2.4995E-06	0.5	0.00023568	1.5	6.02663E-07	0.6	0.000522358	0.7	0.3015678	1.1
209375_at	0.03880735	0.8	3.57673E-05	0.6	0.07195646	1.3	0.000847452	0.5	0.02187131	0.7	0.2871549	0.8
221345_at	0.1895167	0.8	2.0584E-05	4.8	9.31E-09	6.1	0.01820898	1.7	0.000110481	2.2	5.37388E-05	0.4
231963_at	0.0586311	0.8	0.000761722	2.1	8.7144E-06	2.8	0.8134925	1.0	0.02079508	1.3	0.000153115	0.5
204451_at	0.02185467	0.8	0.001696507	1.5	2.00748E-05	2.0	0.1050815	0.8	0.6574425	1.1	0.000199664	0.5
212564_at	0.1330348	0.8	0.000405171	0.4	0.04193193	1.6	0.001074283	0.4	0.01266975	0.6	0.6448827	0.9
227731_at	2.22545E-05	0.8	1.1722E-05	0.5	8.86483E-06	1.5	5.55437E-05	0.6	0.0218803	0.8	0.02936596	1.2
222867_s_at	0.007304538	0.8	0.000793229	0.6	0.02496561	1.2	2.10945E-05	0.5	0.001350338	0.6	0.0525668	0.8
218640_s_at	0.01306442	0.8	9.43E-11	4.2	9.56E-14	5.3	1.24218E-06	2.0	3.34E-09	2.6	1.35141E-07	0.5
202836_s_at	0.01198014	0.8	0.00051924	0.6	0.06267136	1.3	3.39402E-05	0.5	0.003193434	0.6	0.2276486	0.8
227514_at	0.06085268	0.8	0.000126305	0.5	0.04121146	1.3	0.000184962	0.5	0.006858239	0.7	0.5591827	0.9
203127_s_at	0.001275659	0.8	1.14246E-05	0.5	2.28052E-05	1.4	1.35128E-06	0.6	0.004985805	0.8	0.009884627	1.2
222155_s_at	0.01089208	0.8	2.56927E-05	0.4	0.007313453	1.5	0.000203816	0.5	0.009689361	0.7	0.9580256	1.0
206288_at	0.1536108	0.8	0.1361984	0.8	0.4879216	1.1	7.43519E-05	0.4	0.01073566	0.6	0.02931669	0.7
47105_at	0.2390449	0.8	0.004860442	0.4	0.1161923	1.7	0.06166195	0.7	0.909436	1.0	0.08304513	1.6
218037_at	0.004917152	0.8	4.88124E-07	0.4	2.75154E-05	1.9	6.25E-09	0.5	0.000123713	0.7	0.04314606	1.3
207500_at	0.09202803	0.8	2.24353E-06	4.8	1.62666E-07	5.4	0.002834172	1.8	9.34215E-05	2.4	0.001427846	0.4
215338_s_at	0.06058231	0.8	0.008789268	0.5	0.1378794	1.3	7.8078E-05	0.5	0.002332896	0.6	0.1574856	0.8
202495_at	0.001613697	0.8	8.42458E-07	0.6	0.01063044	1.3	7.55E-09	0.5	4.81605E-05	0.7	0.04358785	0.8
223491_at	0.07234374	0.8	0.001722365	0.5	0.09907169	1.4	5.23276E-05	0.5	0.01347307	0.7	0.5104722	0.9
203339_at	0.07575038	0.8	8.42468E-05	2.0	1.62866E-07	2.5	0.09818448	1.3	0.000283087	1.7	0.003221737	0.7
1558943_x_at	0.001346622	0.8	4.46572E-07	0.5	4.24328E-06	1.7	2.53707E-07	0.5	4.39746E-05	0.6	0.8485978	1.0
53076_at	0.01795635	0.8	1.24747E-05	0.6	0.4109828	1.1	2.39331E-07	0.5	0.000415205	0.6	0.001548891	0.7
234405_s_at	0.02253553	0.8	0.07078277	0.8	0.2860771	1.2	9.50612E-05	0.5	0.006683379	0.6	0.04790281	0.7

Figure 24-61

218244_at	0.008335093	0.8	0.002454708	0.6	0.00060619	1.5	0.001247384	0.6	0.06609821	0.7	0.4718764	1.1
202801_at	0.04592584	0.8	0.2350947	0.8	0.02259423	1.5	0.001036051	0.6	0.2167033	0.8	0.00097647	0.6
212288_at	0.001156936	0.8	0.00013697	1.7	4.77E-09	2.1	0.33109	1.1	8.32237E-05	1.4	4.74656E-05	0.7
230619_at	0.06532888	0.8	0.04400316	0.8	0.7390615	1.0	0.006588859	0.5	0.1091409	0.7	0.05535112	0.7
241894_at	0.1234937	0.8	0.7653893	0.9	0.07074452	1.4	0.02537649	0.7	0.670283	0.9	0.01148332	0.7
235061_at	0.1236944	0.8	0.001260621	2.7	4.29E-08	3.2	0.03306469	1.5	6.19959E-05	1.9	0.000281519	0.6
1557953_at	0.04435996	0.8	0.00409664	0.6	0.05958347	1.4	0.000705171	0.5	0.03866811	0.7	0.6547761	0.9
1554508_at	0.008141324	0.8	0.004258095	2.7	7.68E-08	2.9	0.07254941	1.3	0.000659982	1.7	0.000845096	0.6
202464_s_at	0.001334529	0.8	2.15E-09	2.5	4.74E-12	3.4	3.39614E-05	1.6	1.67497E-07	2.1	0.000030004	0.6
204169_at	0.09214342	0.8	0.02304661	0.6	0.7139737	1.1	0.002325594	0.6	0.3076001	0.8	0.1078757	0.8
222130_s_at	0.001249419	0.8	8.89842E-07	0.5	2.44413E-06	1.8	3.16949E-07	0.5	9.10173E-05	0.6	0.1946226	1.1
218055_s_at	0.07831048	0.7	0.002133249	0.6	0.1791157	1.2	0.01226794	0.4	0.0819276	0.6	0.2737279	0.7
218404_at	0.0378222	0.7	3.14213E-05	2.0	4.22832E-07	2.6	0.00012112	1.7	3.95656E-06	2.2	0.1494922	0.9
236537_at	0.02588391	0.7	0.01112794	0.6	0.1337177	1.4	0.005848274	0.5	0.07217534	0.6	0.6799258	0.9
202680_at	0.003377846	0.7	0.000216291	0.7	0.06320833	1.2	3.51743E-05	0.5	0.002609998	0.6	0.06272577	0.8
223298_s_at	0.06182637	0.7	0.03187106	1.5	6.02531E-05	2.4	0.6040869	1.1	0.01379719	1.4	0.008648737	0.6
219198_at	0.001281472	0.7	2.08009E-06	0.6	1.88792E-06	1.6	1.7476E-06	0.5	0.000535184	0.7	0.3735724	1.1
213057_at	0.1063846	0.7	0.01343065	0.6	0.4118581	1.2	0.006794492	0.5	0.07440285	0.6	0.3272178	0.8
229167_at	0.01861372	0.7	1.8282E-06	0.4	0.001307416	1.8	1.61013E-05	0.4	0.001314303	0.6	0.9959729	1.0
225678_at	0.01171415	0.7	0.001656466	0.5	0.1086194	1.4	0.001383583	0.5	0.02574162	0.6	0.505545	0.8
222218_s_at	0.003688105	0.7	0.000742499	1.6	1.53338E-07	2.2	0.1940285	1.1	0.00031735	1.5	0.002955025	0.7
230241_at	0.1107421	0.7	0.001999888	0.7	0.7495026	1.1	0.00114254	0.5	0.1210016	0.7	0.08534561	0.8
214746_s_at	0.07892857	0.7	9.24879E-06	0.4	0.001064027	1.6	0.002907304	0.6	0.02838456	0.8	0.0542007	1.3
210029_at	0.3170257	0.7	0.00028392	2.9	6.7499E-05	3.7	0.3482895	1.3	0.0586425	1.7	0.00021106	0.5
202968_s_at	0.007584747	0.7	0.003348523	0.5	0.001740064	1.8	1.07203E-05	0.6	0.001722821	0.8	0.06604359	1.3
1556000_s_at	0.02501155	0.7	0.009856091	0.5	0.1137011	1.6	0.004966081	0.7	0.4177222	0.9	0.2478395	1.4
226459_at	0.002446387	0.7	3.24E-08	1.6	8.90E-08	2.2	0.1480113	1.1	0.000536995	1.4	2.47366E-06	0.7
204334_at	0.008056837	0.7	0.002201576	1.5	8.14501E-06	1.9	0.7860299	1.0	0.00698543	1.3	0.001408299	0.7
216015_s_at	0.07735257	0.7	2.56182E-05	14.9	3.06E-12	14.6	2.27E-08	6.2	1.91E-09	8.3	0.004626293	0.6
217967_s_at	0.05483244	0.7	0.000274647	2.3	2.94555E-06	2.8	0.2299127	1.2	0.001888072	1.6	0.002512243	0.6
219002_at	0.003654504	0.7	4.18911E-05	0.6	0.174215	1.2	3.60284E-05	0.5	0.004104272	0.7	0.05638092	0.8
212435_at	0.000149758	0.7	8.36465E-07	0.5	1.69047E-05	1.6	5.11715E-07	0.5	0.000311098	0.7	0.2889032	1.1
222811_at	0.03878209	0.7	2.99766E-05	0.5	0.0003518	1.8	5.66229E-05	0.5	0.007609474	0.7	0.211134	1.2
1556283_s_at	0.002318387	0.7	5.21805E-05	0.5	0.001616261	1.5	0.000205561	0.6	0.02612436	0.7	0.4547467	1.1
213241_at	0.004091129	0.7	0.000821084	1.6	1.10603E-07	2.3	0.2897235	1.1	0.000313365	1.5	0.000905551	0.7
221766_s_at	0.1171743	0.7	0.01893734	0.6	0.8236664	1.0	0.0009849	0.5	0.004030059	0.6	0.00899519	0.6

Figure 24-62

218138_at	0.01510421	0.7	0.000100834	0.6	0.7112655	1.0	0.00068537	0.5	0.05243434	0.7	0.06338301	0.7
240454_at	0.168932	0.7	0.003693953	0.7	0.8509095	1.0	0.4968785	0.9	0.3024516	1.2	0.2663859	1.2
206025_s_at	0.2408312	0.7	6.87E-08	6.6	1.1261E-07	8.5	8.54714E-07	4.2	7.66553E-07	5.6	0.001908799	0.7
221830_at	0.001625544	0.7	2.32816E-05	0.5	0.1776839	1.1	5.66354E-05	0.6	0.08287293	0.9	0.7422948	1.0
212199_at	0.003131786	0.7	0.000138083	0.6	0.002717444	1.5	5.51324E-06	0.5	0.001275811	0.6	0.8685845	1.0
216202_s_at	0.006720533	0.7	0.002328856	0.6	0.0120205	1.4	0.001592446	0.7	0.3261716	0.9	0.1131769	1.2
212347_x_at	0.000977769	0.7	0.000847369	0.5	0.02492937	1.5	0.000295763	0.6	0.1462767	0.9	0.1542941	1.3
222699_s_at	0.002858683	0.7	2.90E-09	4.8	1.32E-13	5.6	3.48924E-06	2.0	3.62E-08	2.7	1.48188E-06	0.5
228497_at	0.06900632	0.7	1.03339E-05	0.4	0.000269303	1.6	0.009361473	0.6	0.1672608	0.9	0.001422474	1.4
213051_at	0.01458441	0.7	4.82669E-05	1.8	1.14068E-07	2.7	0.1385237	1.2	4.02313E-05	1.6	0.000326894	0.6
212680_x_at	0.009780467	0.7	0.01896806	0.7	0.08105415	1.3	9.56633E-06	0.5	0.001148038	0.6	0.1205188	0.8
219858_s_at	0.08466401	0.7	0.000883511	0.5	0.0162736	1.4	0.000264245	0.4	0.008869268	0.6	0.2748241	0.8
207375_s_at	0.1403708	0.7	1.60261E-07	4.2	2.79E-08	6.6	0.001270699	2.2	0.000174171	3.0	0.002015957	0.5
208741_at	0.03282828	0.7	0.012422	0.7	0.4831132	1.1	0.004549229	0.6	0.1286134	0.8	0.057249	0.7
238725_at	0.06913595	0.7	0.000824987	2.1	7.11389E-05	2.8	0.4158165	0.9	0.3830061	1.2	0.000516724	0.4
211495_x_at	0.02129925	0.7	0.004025028	0.5	0.0308413	1.5	9.97489E-05	0.5	0.01639598	0.7	0.9710506	1.0
226171_at	0.006536761	0.7	0.000516148	0.6	0.1550856	1.2	8.83339E-06	0.5	0.001099612	0.7	0.2537379	0.8
212193_s_at	0.02599838	0.7	0.001724827	0.5	0.02596722	1.4	0.002712062	0.7	0.3519931	0.9	0.1319664	1.3
203010_at	0.003070405	0.7	5.00E-10	3.5	1.41E-11	4.4	5.4192E-06	1.9	3.35E-08	2.5	8.83395E-05	0.6
227186_s_at	0.02349691	0.7	1.13834E-06	0.5	0.01225831	1.3	1.64797E-05	0.5	0.007628093	0.7	0.5568087	1.0
228867_at	0.02058685	0.7	0.007977087	0.7	0.5598596	1.1	0.004739913	0.5	0.1135544	0.7	0.05528468	0.7
201827_at	0.007779872	0.7	8.96248E-05	0.6	0.7089971	1.0	7.90008E-06	0.6	0.03686179	0.8	0.00355689	0.7
229862_x_at	0.006365692	0.7	0.000825913	0.5	0.4866519	1.1	2.6961E-06	0.6	0.01514524	0.8	0.1082956	0.8
212419_at	0.006630218	0.7	0.000115892	0.5	0.02487359	1.3	0.0059272	0.5	0.06534039	0.6	0.4305357	0.8
212685_s_at	0.02741146	0.7	2.62541E-05	0.5	0.000562807	1.7	0.000120544	0.4	0.006203412	0.6	0.9818103	1.0
218057_x_at	0.000202381	0.7	2.75644E-06	0.6	0.001053565	1.4	7.62255E-05	0.5	0.005030618	0.7	0.534346	0.9
204535_s_at	0.04007983	0.7	0.001091026	0.5	0.4477966	1.1	0.001705011	0.6	0.1159387	0.8	0.4902501	0.9
228496_s_at	0.2243275	0.7	0.004978797	2.7	0.000526687	2.9	0.1065143	1.3	0.030711531	1.7	0.005496148	0.6
222006_at	0.004011298	0.7	0.01166035	0.7	0.5427441	1.1	0.002054769	0.6	0.09480587	0.8	0.04798806	0.7
219146_at	0.01900153	0.7	0.001197069	0.6	0.2127263	1.1	3.79456E-06	0.5	0.001078334	0.7	0.00723735	0.8
201668_x_at	0.1055319	0.7	1.50797E-06	3.6	4.63E-08	3.6	0.005125439	1.8	2.09448E-05	2.4	0.01490323	0.7
235058_at	0.02766453	0.7	0.009348662	0.6	0.04467906	1.3	0.000528619	0.5	0.03706529	0.7	0.5647543	0.9
221771_s_at	0.005195303	0.7	0.01396845	0.6	0.009789669	1.4	1.14997E-07	0.5	0.000286277	0.6	0.1819647	0.9
216652_s_at	6.65375E-05	0.7	1.60734E-06	0.6	0.00117638	1.3	1.28228E-07	0.5	8.1087E-05	0.7	0.1867438	0.9
210218_s_at	0.01107962	0.7	1.19838E-05	0.5	0.009503301	1.3	2.22756E-05	0.5	0.001939943	0.7	0.8165978	1.0
224611_s_at	0.005033735	0.7	1.69919E-06	0.5	0.01295543	1.4	3.37044E-07	0.5	0.001606522	0.7	0.3425637	0.9

Figure 24-63

227056_at	0.01050735	0.7	1.64912E-05	0.5	1.17984E-05	1.7	8.65245E-06	0.5	0.001340588	0.7	0.26952	1.1
226763_at	6.77731E-05	0.7	7.87E-08	2.3	6.37E-11	3.1	1.92812E-05	1.5	1.24E-08	2.1	0.000248476	0.7
218378_s_at	0.004349875	0.7	0.07655334	0.7	0.1289389	1.2	0.001325901	0.4	0.02427307	0.6	0.1160821	0.7
235027_at	0.002795839	0.7	4.30225E-05	0.5	0.03245333	1.2	0.000307265	0.5	0.02052942	0.7	0.2378251	0.8
1553978_at	0.000103204	0.7	0.000184077	0.7	0.3640921	1.1	0.000340916	0.4	0.008487933	0.6	0.02070283	0.7
209661_at	0.009547823	0.7	0.03489361	0.6	0.5989109	1.1	0.01046502	0.5	0.09222721	0.6	0.2840543	0.7
235598_at	0.04243573	0.7	0.004281746	0.8	0.06583206	1.3	0.02174475	0.6	0.330383	0.8	0.03325628	0.6
204448_s_at	0.007372148	0.7	0.000182341	0.6	0.08285185	1.2	0.000104955	0.5	0.01745816	0.7	0.2089452	0.8
238858_at	0.3625048	0.7	2.36849E-05	4.8	4.91176E-05	6.1	0.001354619	2.2	0.003109286	3.0	2.10259E-05	0.5
212656_at	0.005645174	0.7	0.1813258	0.8	0.108587	1.1	8.44195E-05	0.4	0.004201575	0.6	0.000701748	0.5
216835_s_at	0.002116669	0.7	0.000117097	0.4	0.07465395	1.3	1.07427E-06	0.5	0.001215956	0.7	0.5000595	0.9
209379_s_at	0.001600042	0.7	7.95892E-05	1.7	4.00E-08	2.1	0.8723499	1.0	0.002117292	1.3	5.40919E-05	0.6
226668_at	0.04742514	0.7	0.00184973	0.6	0.03167278	1.3	0.006903004	0.6	0.16337	0.8	0.7157936	1.1
224445_s_at	0.00505992	0.7	2.87867E-06	0.3	0.001324984	1.9	3.30058E-05	0.5	0.00357062	0.7	0.2190236	1.3
241344_at	0.000330476	0.7	2.6644E-06	0.5	0.00214776	1.4	8.33E-10	0.5	9.76518E-06	0.6	0.06843625	0.9
205090_s_at	0.001251516	0.7	2.98353E-05	0.5	0.002193578	1.5	0.000195707	0.5	0.01045134	0.6	0.9280762	1.0
211761_s_at	0.01644415	0.7	0.00079177	0.6	0.01603189	1.4	8.61222E-06	0.5	0.002708268	0.6	0.2793482	0.9
210276_s_at	0.02304461	0.7	0.0003183	0.5	0.005527227	1.3	0.000237836	0.6	0.01075025	0.8	0.780436	1.0
226868_at	0.000185974	0.7	1.82085E-06	0.5	1.1936E-05	1.6	1.2015E-06	0.5	0.000418759	0.7	0.8283577	1.0
230735_at	0.157302	0.7	0.02633333	1.9	0.000319401	2.8	0.001149291	1.7	0.001288563	2.3	0.2376964	0.8
232221_at	9.97776E-05	0.7	0.001041211	0.6	0.01870221	1.3	5.42813E-06	0.4	0.00017565	0.6	0.02971791	0.7
37170_at	0.0230379	0.7	1.4507E-06	0.5	0.2811282	1.1	0.000706092	0.6	0.09473228	0.8	0.5594597	0.9
1562749_at	0.1939296	0.7	0.00011928	3.3	7.62126E-05	3.5	0.00372409	1.9	0.000244653	2.6	0.2040029	0.7
223147_s_at	0.000742172	0.7	0.01097103	0.6	0.01583184	1.4	2.65012E-05	0.5	0.003236525	0.7	0.5094131	0.9
223066_at	1.11322E-05	0.7	3.91E-08	0.5	2.52506E-05	1.5	2.77269E-07	0.5	9.49878E-05	0.6	0.7047996	1.0
201053_s_at	0.000384302	0.7	0.008213985	0.7	0.1195413	1.1	9.15973E-05	0.5	0.009317669	0.7	0.05245302	0.8
224326_s_at	0.002765711	0.7	4.6215E-05	0.5	0.002145814	1.6	1.36138E-06	0.5	0.001938342	0.7	0.6794547	1.1
214054_at	0.000600674	0.7	7.10246E-05	0.4	5.20296E-05	1.7	7.61E-08	0.5	7.90538E-05	0.6	0.5864511	1.1
209658_at	0.01379577	0.7	0.0004878	0.6	0.01206219	1.4	0.000192396	0.5	0.01833757	0.7	0.5202365	0.9
223269_at	0.01732601	0.7	0.001944719	0.6	0.4364167	1.1	0.009524851	0.5	0.1401252	0.7	0.4020512	0.8
225634_at	0.05420237	0.7	1.47084E-06	2.3	1.08519E-07	3.4	0.01216917	1.4	0.000110631	2.0	0.000516183	0.6
226242_at	0.005179609	0.7	0.0158345	0.8	0.2802753	1.1	0.000235709	0.5	0.01377804	0.6	0.05767618	0.7
203708_at	0.03726833	0.7	2.18271E-06	2.6	4.00052E-07	3.2	0.001589896	1.5	3.57386E-05	2.1	7.64374E-05	0.6
205776_at	0.03182461	0.7	0.01214063	1.8	0.000332067	2.2	0.2367616	1.1	0.002490687	1.6	0.04576771	0.7
205508_at	0.1878902	0.7	0.006707743	1.8	0.000690368	2.8	0.01324103	1.4	0.01356266	2.0	0.01940145	0.7
224871_at	0.000744839	0.7	6.32E-08	0.4	6.05179E-06	1.8	2.55E-08	0.5	0.000255923	0.7	0.02382083	1.2

Figure 24-64

241627_x_at	0.05311784	0.7	0.002917757	0.5	0.773077	1.1	0.03826329	0.5	0.2433522	0.7	0.3579004	0.7
222762_x_at	0.04259032	0.7	1.08448E-06	0.4	0.002766967	1.7	5.17934E-06	0.4	0.001270142	0.5	0.5554237	0.9
222129_at	0.002511025	0.7	1.28E-08	0.4	0.000040744	1.7	2.38895E-06	0.5	0.001369384	0.7	0.3104806	1.1
238319_at	0.03832915	0.7	1.55298E-05	2.4	2.0985E-06	2.6	0.05833314	1.4	0.0008983	1.9	0.08265128	0.7
221781_s_at	0.01113761	0.7	0.00030111	0.5	0.04159454	1.4	0.01278447	0.4	0.08568702	0.6	0.4449095	0.8
212229_s_at	0.000310562	0.7	0.00011662	0.5	0.000718023	1.5	2.1292E-07	0.5	0.000134277	0.7	0.7962849	1.0
213923_at	0.000157341	0.7	4.79E-08	0.4	7.27717E-06	1.9	2.80519E-07	0.4	2.40631E-05	0.5	0.9379314	1.0
219938_s_at	0.09039131	0.7	0.000217913	3.0	1.55958E-07	3.5	0.1377692	1.3	0.002219414	1.8	0.000230623	0.5
224376_s_at	0.01547841	0.7	3.23197E-06	0.4	0.001993155	1.6	7.71153E-06	0.4	0.001327751	0.6	0.7913942	1.0
218890_x_at	0.01765974	0.7	0.001970536	0.7	0.7039188	1.1	0.001555124	0.5	0.04475228	0.6	0.06428766	0.7
212820_at	0.0125773	0.7	0.001565977	1.7	1.58245E-07	2.3	0.2593222	1.1	0.000219662	1.6	0.000335832	0.7
221804_s_at	0.005012496	0.7	5.34098E-07	0.5	0.001406162	1.4	7.41325E-05	0.6	0.008395621	0.8	0.6880754	1.0
218403_at	0.003418294	0.7	1.55612E-05	0.5	0.000306964	1.6	6.71151E-07	0.4	0.000113561	0.6	0.7705598	1.0
236016_at	0.006397497	0.7	0.009236628	0.7	0.9255907	1.0	0.001647129	0.5	0.05202401	0.7	0.07808021	0.7
201338_x_at	0.002665274	0.7	1.87112E-05	0.5	0.002151161	1.5	0.000362596	0.5	0.03756536	0.7	0.4731763	1.1
200090_at	3.98678E-05	0.7	4.9567E-07	0.5	1.31227E-05	1.6	3.25767E-07	0.5	0.000500217	0.7	0.2358788	1.1
231847_at	0.00935275	0.7	0.000219261	0.6	0.2050442	1.2	1.15048E-05	0.5	0.005410923	0.7	0.05948612	0.8
206003_at	0.001787935	0.7	0.000293301	1.8	8.6864E-07	2.7	0.6249028	0.9	0.01017531	1.3	4.21925E-05	0.5
221745_at	0.02953457	0.7	0.01573097	0.6	0.4975791	1.1	0.002262706	0.5	0.07330783	0.7	0.1881752	0.8
1559584_a_at	0.07947132	0.7	3.74613E-05	0.4	0.000223821	2.2	0.00075946	0.4	0.01286697	0.6	0.369948	1.2
229010_at	0.01955456	0.7	5.02218E-06	0.4	0.000318503	1.8	6.29577E-05	0.4	0.00544882	0.6	0.6054439	1.1
1570375_at	0.06922396	0.7	1.04777E-05	0.4	0.01054282	1.6	1.43126E-05	0.4	0.006031442	0.6	0.9383766	1.0
209039_x_at	0.2061345	0.7	8.00524E-05	2.7	2.59947E-06	3.7	0.0134351	1.8	4.39354E-05	2.6	4.50814E-05	0.7
202837_at	0.007920981	0.7	0.001349077	0.6	0.8754706	1.0	0.01766241	0.5	0.199696	0.7	0.1871262	0.7
229164_s_at	0.02474598	0.7	0.007445446	0.5	0.2206392	1.4	0.02459699	0.5	0.1627251	0.6	0.7169679	0.9
202643_s_at	0.03013072	0.7	1.13E-08	4.2	3.01E-10	5.3	4.52589E-07	2.6	9.59E-09	3.6	1.28789E-05	0.7
1558236_at	0.007841211	0.7	0.000993424	0.6	0.6864661	1.1	1.70988E-05	0.5	0.004126784	0.7	0.01997848	0.7
226707_at	0.01788955	0.7	0.0104121	0.4	0.05418968	1.8	0.01905627	0.5	0.1635221	0.7	0.6421596	1.2
216504_s_at	0.2712294	0.7	0.008925827	2.7	0.000200628	2.8	0.44208	1.3	0.001187831	1.7	0.03883513	0.6
226572_at	0.04830257	0.7	0.000451669	0.6	0.3315035	1.2	0.004423584	0.6	0.37714	0.8	0.9671957	1.0
224535_s_at	0.0196269	0.7	0.000241734	0.4	0.00352225	1.8	0.01544713	0.5	0.1755053	0.7	0.3185362	1.3
213104_at	0.02638626	0.7	0.06942426	0.7	0.2867434	1.2	1.04377E-05	0.6	0.1475979	0.8	0.02028692	0.7
213168_at	0.000321159	0.7	0.000895731	0.7	0.4139713	1.1	4.74004E-06	0.5	0.001795213	0.7	0.01362092	0.7
215749_s_at	0.001797605	0.7	0.00144955	0.6	0.120193	1.2	0.000323098	0.5	0.02314788	0.7	0.1956501	0.8
223363_at	0.005256489	0.7	7.20777E-05	0.4	0.005352323	1.4	0.000532393	0.6	0.07265703	0.8	0.6121355	1.1
209255_at	0.000580439	0.7	0.000187213	0.5	0.000977676	1.7	9.71812E-05	0.4	0.004658033	0.6	0.8765265	1.0

Figure 24-65

239430_x_at	0.1543351	0.7	0.05844846	1.6	0.000909583	2.4	0.740252	1.1	0.0309577	1.5	0.02330149	0.6
224414_s_at	0.000381466	0.7	6.46881E-07	0.4	1.78149E-05	1.7	6.58E-09	0.5	2.52204E-05	0.6	0.4333155	1.1
232068_s_at	0.008843558	0.7	0.001956507	1.9	2.432E-05	2.6	0.6309804	0.9	0.1087829	1.3	0.001632541	0.5
206555_s_at	0.01334772	0.7	0.000619099	0.5	0.000308209	1.4	1.96112E-05	0.5	0.001177705	0.6	0.3156121	0.9
211302_s_at	0.04433501	0.7	7.27146E-05	3.5	1.71568E-07	3.7	0.001359464	1.6	2.9454E-05	2.2	4.19128E-05	0.6
221711_s_at	0.009461901	0.7	0.000345377	0.6	0.0583278	1.3	1.29774E-05	0.5	0.006357008	0.7	0.3313604	0.9
225052_at	0.000189999	0.7	4.37136E-06	0.5	0.002044028	1.4	4.70E-08	0.5	0.000120143	0.7	0.3958086	0.9
225897_at	0.02100054	0.7	1.60503E-05	2.9	1.17E-09	3.6	0.002065582	1.6	1.55443E-06	2.3	0.00189839	0.6
202724_s_at	0.02046587	0.7	1.69596E-06	0.4	0.000612333	2.0	0.001483976	0.6	0.1606201	0.8	0.03224894	1.5
228832_at	0.002144076	0.7	4.39011E-06	0.4	4.11819E-05	2.3	1.25419E-05	0.3	0.000398707	0.5	0.7943554	1.1
223024_at	8.19E-08	0.7	1.35972E-07	0.5	1.74117E-05	1.5	1.39322E-06	0.5	0.000232928	0.7	0.9583873	1.0
203340_s_at	0.2427581	0.7	0.02832135	1.3	0.003623788	2.3	0.1795855	1.3	0.02398057	1.8	0.02579174	0.8
1556750_at	0.0699514	0.7	0.00203574	0.5	0.02811047	1.7	0.000749314	0.4	0.0214019	0.6	0.770041	0.9
218151_x_at	0.003330772	0.7	0.000107902	0.6	0.2302537	1.2	2.81538E-07	0.5	0.01143081	0.7	0.1660975	0.9
204255_s_at	0.006160489	0.7	7.17391E-05	0.5	0.003304213	1.6	6.67418E-07	0.5	0.000254282	0.6	0.9524382	1.0
230322_at	0.00440749	0.7	0.004075772	0.4	0.2465985	1.3	4.84556E-06	0.6	0.2592969	0.9	0.4760571	1.2
208965_s_at	0.09678894	0.7	0.04389692	0.6	0.4279521	1.2	0.001197169	0.5	0.01934189	0.7	0.3320289	0.8
204812_at	0.000335628	0.7	0.000834713	0.6	0.03514468	1.3	4.33859E-06	0.4	0.000554568	0.6	0.07852405	0.8
224904_at	0.007382262	0.7	0.0003159	0.5	0.0142637	1.4	1.33668E-05	0.5	0.01781317	0.7	0.7846532	1.0
201560_at	0.0106006	0.7	1.2768E-06	2.7	1.95E-09	3.5	0.00299322	1.5	3.31061E-06	2.1	3.7019E-05	0.6
225629_s_at	0.01957538	0.7	0.000267765	0.5	0.009552555	1.4	0.001111018	0.5	0.06518843	0.7	0.7201382	1.1
203345_s_at	5.09135E-07	0.7	3.48E-08	0.5	1.45372E-05	1.6	4.78E-08	0.4	6.01053E-06	0.6	0.8447384	1.0
205340_at	0.000343679	0.7	0.000133358	0.5	0.004177521	1.7	5.60794E-05	0.4	0.002328976	0.6	0.6567323	0.9
201504_s_at	0.000494862	0.7	0.002735936	0.6	0.01598457	1.3	1.8357E-07	0.5	0.000495411	0.7	0.1840179	0.9
226917_s_at	0.003307153	0.7	0.000481521	0.6	0.5822258	1.1	0.000922121	0.6	0.1025356	0.8	0.2360837	0.8
200703_at	0.001049066	0.7	1.14194E-06	0.6	0.05793583	1.2	2.78241E-05	0.4	0.001756572	0.6	0.02163871	0.7
224969_at	0.00647507	0.7	0.1801934	0.7	0.1796125	1.2	2.05517E-05	0.5	0.007324635	0.7	0.06930625	0.8
223157_at	7.67849E-06	0.7	1.80E-08	0.5	6.27034E-06	1.6	9.84E-08	0.6	0.002052326	0.8	0.007152572	1.3
222891_s_at	0.125421	0.7	0.123925	1.3	0.000690151	2.0	0.196225	1.3	0.006307317	1.8	0.409647	0.9
225536_at	0.0802846	0.7	0.01324586	1.8	8.6711E-07	3.2	0.07903595	1.4	0.000366822	2.0	0.01458812	0.6
227111_at	3.70861E-05	0.7	0.000508233	0.6	0.000599284	1.4	5.61E-08	0.6	0.005074429	0.8	0.1081834	1.2
1556389_at	0.000942744	0.7	5.45541E-05	0.5	0.01342307	1.4	4.1576E-06	0.5	0.01199113	0.8	0.5110515	1.1
212137_at	0.00300082	0.7	8.13514E-05	0.5	0.003749961	1.4	2.38997E-07	0.5	0.001359452	0.7	0.9322221	1.0
226202_at	0.01359687	0.7	0.000561189	0.3	0.003772517	2.5	3.44158E-05	0.5	0.03653718	0.8	0.02984181	1.9
206471_s_at	0.01213141	0.7	0.05234412	1.6	1.80734E-05	2.1	0.9711558	1.0	0.01624311	1.4	0.01104935	0.7
211758_x_at	0.002777388	0.7	0.00110845	0.6	0.1778262	1.2	0.000291615	0.5	0.03413514	0.7	0.281989	0.8

Figure 24-66

209294_x_at	0.00186846	0.7	0.004481406	1.7	1.16E-08	2.1	0.8958255	1.0	0.009415189	1.4	0.00519327	0.7
201515_s_at	0.001787146	0.7	1.26536E-06	0.6	0.006041876	1.3	8.86945E-06	0.5	0.005999941	0.7	0.4944586	0.9
219497_s_at	0.01132526	0.7	0.09456927	1.3	1.37312E-05	2.0	0.5396011	1.1	0.004643244	1.6	0.09191256	0.8
226357_at	0.001081101	0.7	6.38793E-06	0.5	0.02528969	1.3	8.5325E-07	0.5	0.001733294	0.8	0.6570316	1.0
235508_at	0.09600988	0.7	0.02516362	1.8	0.000462115	2.6	0.316541	1.2	0.004500639	1.7	0.06110838	0.7
200047_s_at	3.73067E-06	0.7	5.88999E-05	0.5	5.07802E-06	1.4	1.39E-08	0.5	5.88993E-05	0.7	0.5428408	1.0
226240_at	1.90655E-06	0.7	3.35099E-05	0.6	0.002029101	1.3	4.98149E-07	0.4	0.000114374	0.6	0.0469511	0.8
242866_x_at	0.01381867	0.7	0.000426682	0.4	0.2398047	1.2	5.93237E-05	0.5	0.0130125	0.7	0.1518704	0.8
231270_at	0.005716851	0.7	8.94925E-06	1.9	9.76E-08	2.8	0.03957041	1.2	0.000203726	1.7	0.000492735	0.6
217910_x_at	0.001001771	0.7	1.83095E-07	0.4	0.001086275	1.5	8.81E-09	0.5	0.003157217	0.7	0.2563939	1.1
224341_x_at	0.000805958	0.7	0.008798506	1.7	9.79118E-05	2.4	0.4006676	0.9	0.06691688	1.3	0.003022653	0.5
216016_at	0.4295329	0.7	1.2279E-05	10.5	1.01174E-06	18.7	1.41711E-05	8.5	7.27587E-06	12.1	0.01667023	0.6
225103_at	0.002317912	0.7	0.003187141	0.7	0.2742217	1.1	0.006963298	0.4	0.08094442	0.6	0.1926982	0.7
211668_s_at	0.03002682	0.7	0.04984822	1.9	0.005036306	1.8	0.8741324	1.0	0.02913907	1.5	0.3095419	0.8
1568623_a_at	0.03166551	0.7	0.002345704	0.5	0.04258488	1.6	4.93513E-07	0.4	0.001019891	0.5	0.3967126	0.8
218672_at	0.000171138	0.7	3.02129E-05	0.6	0.02097738	1.3	1.06822E-05	0.5	0.005178098	0.7	0.4773644	0.9
221881_s_at	0.0206206	0.7	7.48E-08	3.8	1.60E-09	4.9	0.001942141	1.7	1.46492E-05	2.5	0.000446098	0.5
204946_s_at	0.000147631	0.7	0.000240911	0.5	0.002269258	1.6	0.000188429	0.5	0.04468409	0.8	0.2439233	1.2
218650_s_at	0.003194522	0.7	0.04036497	0.6	0.01209303	1.5	1.577E-06	0.5	0.01009967	0.7	0.6003525	1.1
226017_at	0.000520931	0.7	1.37E-08	0.5	3.54621E-05	1.5	5.31549E-07	0.5	0.00069411	0.7	0.8729421	1.0
224902_at	0.02512049	0.7	0.000722144	0.5	0.02902643	1.5	0.000478052	0.6	0.3092078	0.9	0.1243507	1.3
212403_at	0.000201214	0.7	6.67361E-05	0.6	0.9667417	1.0	1.44588E-06	0.5	0.006644612	0.8	0.007536347	0.8
223343_at	0.0110994	0.7	0.04410278	1.4	0.00083564	2.0	0.2828832	0.8	0.439244	1.2	0.01965416	0.6
219316_s_at	0.0493256	0.7	4.84396E-06	0.5	0.002984095	1.7	0.000487785	0.5	0.07912908	0.7	0.1989798	1.2
218356_at	0.004000625	0.7	1.03341E-06	0.3	0.000187087	2.0	1.08521E-05	0.4	0.001123068	0.6	0.5279592	1.1
227815_at	0.001646551	0.7	1.06638E-06	0.5	0.001967303	1.5	0.000122796	0.5	0.01450475	0.7	0.9263377	1.0
240064_at	0.01276972	0.7	0.01200712	0.6	0.391418	1.2	0.002969904	0.4	0.02828453	0.5	0.09439925	0.6
217299_s_at	0.007952362	0.7	2.28968E-06	3.9	3.70E-08	5.1	0.00283974	2.0	9.18418E-05	2.9	0.01921644	0.6
220240_s_at	0.002218961	0.7	0.2483366	0.8	0.04936402	1.3	1.49565E-05	0.5	0.01272882	0.7	0.3985241	0.9
203610_s_at	0.000201031	0.7	9.02358E-07	0.5	0.000366843	1.4	3.19E-09	0.5	3.2998E-05	0.7	0.6785598	1.0
223114_at	0.00284863	0.7	8.81356E-06	0.4	0.001478237	1.7	4.1174E-06	0.6	0.03307987	0.8	0.02847739	1.3
202607_at	0.005697657	0.7	3.97721E-05	0.5	0.2330593	1.2	0.000231622	0.5	0.03966856	0.8	0.4568057	0.9
204021_s_at	0.001381532	0.7	2.47703E-05	0.5	0.009187838	1.4	5.7738E-07	0.5	0.000734796	0.7	0.6722611	0.9
227125_at	0.02873117	0.7	6.32602E-06	1.9	1.08976E-05	2.6	0.002247633	1.4	0.000287171	2.0	0.01797912	0.8
224437_s_at	1.11836E-05	0.7	2.74051E-06	0.6	0.07341547	1.1	4.32E-08	0.5	0.000153408	0.7	0.003142258	0.8
223158_s_at	0.000461156	0.7	7.33283E-06	0.6	0.00026024	1.5	8.14E-08	0.5	6.13508E-05	0.7	0.6265977	1.0

Figure 24-67

204206_at	0.00174734	0.7	1.03E-08	0.4	2.54057E-06	1.8	1.73216E-07	0.4	3.93503E-07	0.6	0.186729	1.1
204882_at	0.008029193	0.7	8.10973E-06	0.5	0.003614067	1.5	0.000664896	0.3	0.01027056	0.5	0.2145554	0.7
214808_at	0.063335915	0.7	0.003821698	0.6	0.4185109	1.2	0.008521942	0.5	0.2469658	0.8	0.5926902	0.9
211450_s_at	0.09399803	0.7	0.000772345	3.4	1.52585E-05	3.9	5.7243E-05	2.1	0.000118449	3.1	0.08690298	0.8
238480_at	0.006837067	0.7	0.02102571	0.7	0.2592157	1.1	0.008872072	0.5	0.1223944	0.7	0.2861396	0.8
227265_at	0.1089017	0.7	1.59087E-05	0.3	0.01737275	1.7	0.001822905	0.4	0.05063576	0.6	0.9029372	1.0
224944_at	0.004447656	0.7	7.41929E-06	2.8	7.17E-08	3.5	0.9438429	1.0	0.02135299	1.4	2.83171E-05	0.4
219045_at	0.01390479	0.7	0.003257148	1.7	7.90E-08	2.5	0.413705	1.1	0.001407355	1.6	0.003107358	0.7
213256_at	0.00185932	0.7	0.004011791	1.6	6.90E-08	2.4	0.5723031	1.1	0.001198703	1.5	0.000732651	0.6
215719_x_at	0.005127891	0.7	0.002375038	2.1	3.39745E-06	2.5	0.1823179	1.2	0.000352899	1.7	0.01506528	0.7
228727_at	0.04366769	0.7	0.003586035	0.6	0.6157137	1.1	0.002258002	0.3	0.02053075	0.4	0.03050257	0.5
206877_at	0.03998729	0.7	0.02154294	1.8	2.11915E-05	2.3	0.6031479	0.9	0.07164323	1.3	0.000243365	0.6
244087_at	0.1089153	0.7	0.02436141	1.6	0.002708633	2.2	0.000700712	2.3	0.000111161	3.2	0.07806512	1.5
208854_s_at	1.10483E-06	0.7	1.78852E-05	0.5	0.000180374	1.5	1.51E-11	0.5	8.74261E-07	0.7	0.8636929	1.0
217028_at	0.000236882	0.7	4.53E-10	0.4	7.15918E-06	1.7	6.24262E-06	0.5	0.002428434	0.7	0.3819099	1.1
202170_s_at	1.29017E-05	0.7	8.3674E-06	0.5	0.000198518	1.4	4.36E-08	0.4	2.21432E-05	0.6	0.06613904	0.8
209845_at	0.000163294	0.7	4.26306E-07	0.5	0.00073415	1.4	5.64084E-06	0.5	0.02088832	0.8	0.4051752	1.1
203334_at	9.83701E-05	0.7	9.34E-08	0.7	0.09698439	1.1	4.28023E-05	0.5	0.004634285	0.6	0.02566355	0.7
222935_x_at	0.3029847	0.7	0.02108364	2.8	0.000217843	3.7	0.3279245	1.4	0.039903	2.0	0.05127049	0.5
229419_at	0.000751303	0.7	0.03730251	0.8	0.05940574	1.2	1.28226E-05	0.6	0.03891581	0.8	0.000690745	0.7
200083_at	9.19E-09	0.7	2.45069E-07	0.6	7.22044E-05	1.2	4.78E-11	0.5	1.82912E-06	0.7	0.01421312	0.9
224395_s_at	8.74379E-05	0.7	3.26014E-05	0.4	0.000316077	1.8	3.6988E-06	0.3	0.00014544	0.5	0.4464493	0.9
232081_at	0.0443645	0.7	0.01608157	0.4	0.05680555	2.1	0.01591973	0.6	0.2584935	0.8	0.1858908	1.7
206052_s_at	9.5169E-05	0.7	2.01697E-06	0.6	0.000112482	1.4	2.14E-08	0.5	0.000340144	0.7	0.3569639	1.1
202531_at	0.003035487	0.7	0.000169782	2.1	2.92672E-06	3.0	0.3431732	0.9	0.07461774	1.3	8.64121E-05	0.4
1554095_at	0.000239319	0.7	0.000031445	0.6	0.008545671	1.3	5.66456E-05	0.5	0.008625945	0.7	0.3248134	0.9
207292_s_at	0.01992121	0.7	0.004186434	0.4	0.1306256	1.5	5.783E-05	0.4	0.01013026	0.6	0.8248181	0.9
239231_at	0.009644385	0.7	4.89412E-05	0.5	0.03018689	1.4	6.63624E-05	0.5	0.008025457	0.7	0.8840093	1.0
21848_at	0.002470723	0.7	0.004349155	0.7	0.771914	1.0	0.005470037	0.5	0.1011031	0.7	0.1204787	0.7
218146_at	0.000967712	0.7	0.001311825	0.6	0.01719921	1.3	6.70203E-06	0.4	0.001363448	0.6	0.1025683	0.8
202800_at	0.1738645	0.7	5.35727E-07	3.9	2.09E-08	5.6	0.03719656	1.7	7.31061E-05	2.5	4.63903E-05	0.4
212864_at	0.00233847	0.7	1.81186E-06	0.5	0.008876384	1.4	2.10136E-05	0.6	0.1011712	0.8	0.2672919	1.1
221708_s_at	0.06531384	0.7	0.1026084	0.7	0.826439	1.0	0.000269122	0.6	0.4942881	0.9	0.6350497	0.9
235035_at	0.003986633	0.7	0.00164825	0.6	0.950856	1.0	0.000135968	0.6	0.07801098	0.8	0.05220998	0.8
227418_at	0.001290461	0.7	3.19652E-05	0.5	0.000694218	1.5	2.49671E-07	0.5	0.00117809	0.7	0.9719642	1.0
218524_at	0.003532365	0.7	0.006097087	0.4	0.158917	1.5	0.004677176	0.6	0.4103259	0.9	0.362721	1.3

Figure 24-68

232057_at	0.03488294	0.7	5.21299E-05	0.4	0.01068843	1.8	0.01132453	0.5	0.1973176	0.7	0.3758651	1.3
202703_at	2.41548E-06	0.7	4.69767E-06	0.6	0.006587869	1.2	4.53E-08	0.5	7.61596E-05	0.7	0.03042497	0.8
221932_s_at	0.001021279	0.7	3.39288E-05	0.4	0.023933326	1.4	6.57411E-06	0.4	0.001399978	0.6	0.3088787	0.8
209527_at	0.01060438	0.7	0.000626131	0.5	0.2160645	1.2	0.005427948	0.5	0.1775011	0.7	0.7341259	0.9
227698_s_at	0.006534954	0.7	8.2653E-06	0.3	0.006219275	1.7	7.23137E-06	0.4	0.000845548	0.6	0.9690273	1.0
224857_s_at	0.01340946	0.7	0.003084619	0.6	0.03144526	1.4	5.3025E-05	0.4	0.01295327	0.6	0.5398901	0.9
1554417_s_at	0.03247894	0.7	0.02747755	0.6	0.1936113	1.3	0.000150552	0.5	0.04833125	0.7	0.4998427	0.9
202907_s_at	0.004421193	0.7	7.34E-08	3.4	7.17E-11	5.1	1.58458E-05	2.3	1.18649E-07	3.3	0.007483945	0.6
212467_at	0.00343711	0.7	3.48981E-05	0.5	0.006094361	1.6	9.04204E-07	0.4	0.000292627	0.6	0.3530555	0.9
204091_at	0.009233844	0.7	0.002288446	0.6	0.5231816	1.1	0.003015087	0.3	0.02740755	0.5	0.05164121	0.5
224332_s_at	0.004855964	0.7	2.49447E-06	0.5	0.03155836	1.3	5.7234E-05	0.4	0.003517493	0.5	0.0898136	0.7
208092_s_at	0.00353496	0.7	0.000164869	1.9	8.16E-09	2.5	0.8779638	1.0	0.001539736	1.4	3.63662E-05	0.6
234672_s_at	0.002452345	0.7	0.01541401	0.6	0.3315549	1.2	0.000151295	0.5	0.04097337	0.7	0.3204847	0.8
223917_s_at	0.01871755	0.7	7.47162E-05	0.4	0.0542121	1.5	0.002581829	0.4	0.05206906	0.6	0.6109486	0.9
200868_s_at	0.001415774	0.7	3.28055E-05	0.5	0.003038599	1.4	3.62424E-05	0.5	0.01997807	0.7	0.9721199	1.0
216061_x_at	0.048201	0.7	0.01577664	1.7	1.31648E-06	2.9	0.3030941	1.2	0.006113122	1.8	0.009076177	0.6
225921_at	3.01743E-05	0.7	0.000964096	1.5	1.86E-08	2.3	0.008587495	0.8	0.007878536	1.2	2.87742E-07	0.5
224825_at	0.00012629	0.7	0.000289841	0.5	0.07393803	1.3	1.54366E-05	0.5	0.0044464	0.7	0.5387532	0.9
222203_s_at	0.02872551	0.7	0.000600928	0.6	0.4050454	1.2	0.002038061	0.5	0.08897123	0.7	0.2533861	0.8
228142_at	0.000214358	0.7	0.000392587	0.6	0.7877868	1.0	0.000141421	0.5	0.03927646	0.7	0.09605102	0.8
213708_s_at	2.28386E-05	0.7	1.16384E-07	0.4	1.58855E-05	1.5	1.7119E-07	0.5	0.000571767	0.7	0.5911583	1.0
202509_s_at	0.01681008	0.7	0.002572507	1.7	3.10349E-07	2.8	0.07165804	1.3	4.66942E-05	1.9	0.007651101	0.7
241916_at	0.06775842	0.7	0.1758233	1.4	0.000639787	2.6	0.5424943	0.9	0.09054039	1.3	0.00556328	0.5
216252_x_at	0.01020043	0.7	0.007770832	2.2	1.62223E-06	2.6	0.2726018	1.1	0.001042646	1.6	0.001277832	0.6
211595_s_at	0.006343687	0.7	0.01370868	0.7	0.869469	1.0	0.000782055	0.5	0.05160213	0.7	0.07028063	0.7
218286_s_at	0.002183175	0.7	0.000109236	0.4	2.13272E-05	1.9	5.80578E-06	0.4	0.000624437	0.5	0.8785721	1.0
212299_at	0.000579506	0.7	1.50137E-05	0.6	0.6940319	1.0	1.5634E-05	0.5	0.0273838	0.8	0.04538436	0.8
204253_s_at	0.001966739	0.7	0.03231108	0.6	0.0558536	1.3	4.82641E-07	0.4	0.000336121	0.6	0.154919	0.8
201642_at	0.000699712	0.7	7.78917E-05	1.5	6.20E-08	2.2	0.04009334	1.2	1.00808E-05	1.8	0.04026368	0.8
215091_s_at	0.001902704	0.7	6.52157E-05	0.5	0.00812714	1.4	5.56542E-05	0.5	0.02883087	0.7	0.9279017	1.0
219788_at	0.003835624	0.7	1.98331E-05	1.9	2.01547E-07	2.6	0.2119242	1.1	0.000424463	1.7	0.000341578	0.6
204554_at	0.01224538	0.7	2.13984E-05	0.4	0.009214957	1.5	0.000331846	0.4	0.01349112	0.6	0.7786029	0.9
202905_x_at	0.002083916	0.7	2.98781E-07	4.1	2.04E-08	5.4	7.68827E-05	2.2	9.52888E-07	3.2	0.01494052	0.6
52731_at	0.000198272	0.7	0.00214131	0.6	0.4020905	1.1	0.003723961	0.5	0.08602555	0.7	0.05035488	0.6
209535_s_at	0.01131159	0.7	0.05921765	0.6	0.01615834	1.4	0.003592227	0.6	0.5666099	0.9	0.04749436	1.3
221550_at	0.01624639	0.7	0.000677995	0.6	0.7258181	1.1	0.007782691	0.6	0.3334152	0.8	0.2050655	0.8

Figure 24-69

218242_s_at	2.38507E-05	0.7	4.34209E-05	0.6	0.02421467	1.3	3.19543E-07	0.5	0.001078906	0.7	0.3912848	0.9
226375_at	0.05250537	0.7	0.0061403	0.5	0.203859	1.3	0.01247179	0.6	0.6502542	0.9	0.3463326	1.2
201093_x_at	0.000648295	0.7	0.000354269	0.5	0.2289978	1.2	5.11199E-05	0.6	0.255238	0.9	0.6215385	1.1
218970_s_at	0.000142712	0.7	0.009628597	0.6	0.0535768	1.2	8.88571E-06	0.4	0.002749541	0.6	0.06292901	0.8
222550_at	0.009667172	0.7	0.001154407	0.5	0.08042706	1.3	0.000192868	0.5	0.06965213	0.8	0.8060728	1.0
227594_at	0.001301632	0.7	3.73787E-05	0.5	0.001475643	1.5	1.57674E-06	0.5	0.004695412	0.8	0.288597	1.1
220189_s_at	0.000284211	0.7	9.60666E-06	0.5	0.001028168	1.4	2.92708E-06	0.6	0.02569306	0.8	0.179562	1.1
224612_s_at	0.000938375	0.7	8.17E-08	0.5	0.008932069	1.3	5.75479E-07	0.4	0.00039917	0.6	0.03018315	0.8
221984_s_at	0.001270142	0.7	9.67E-08	0.3	2.74968E-05	2.0	2.75E-08	0.5	0.000969462	0.7	0.01232256	1.4
227098_at	0.007401041	0.7	1.57844E-05	0.4	0.000393427	1.6	3.68816E-05	0.5	0.005063876	0.7	0.3473293	1.1
202737_s_at	0.005240399	0.7	0.001243256	0.5	0.1523602	1.2	0.000173831	0.5	0.08545336	0.8	0.7169944	0.9
205078_at	0.003572129	0.7	0.007700086	0.6	0.9336686	1.0	1.40908E-05	0.5	0.00552957	0.7	0.02154731	0.7
219242_at	0.000337524	0.7	0.02256232	0.7	0.04787724	1.2	8.0205E-05	0.6	0.1694634	0.9	0.5772349	1.1
202375_at	0.001006537	0.7	0.009221797	0.7	0.5233448	1.1	3.27545E-06	0.5	0.002557548	0.7	0.001326884	0.6
221983_at	0.001281229	0.7	8.06217E-07	0.3	0.00015308	2.1	3.18E-08	0.4	0.000314331	0.6	0.1418729	1.2
217950_at	0.000595481	0.7	0.002590418	0.6	0.9214233	1.0	0.000103159	0.6	0.2223101	0.9	0.3543712	0.9
209846_s_at	0.01245385	0.7	0.001625779	0.6	0.04805254	1.3	0.000685632	0.5	0.06058872	0.8	0.8631334	1.0
221572_s_at	0.003364596	0.7	0.000246768	0.6	0.7629403	1.0	0.000990085	0.5	0.1302315	0.8	0.2106926	0.8
224261_at	0.005594495	0.7	0.01303331	1.3	4.72117E-06	2.1	0.5774665	0.9	0.04144149	1.4	0.004641335	0.6
222694_at	0.001435535	0.7	0.000567884	0.6	0.3072884	1.1	2.43823E-07	0.5	0.000899217	0.7	0.006882908	0.7
225156_at	0.002806619	0.7	0.002106271	0.6	0.2668868	1.1	1.21671E-05	0.5	0.03140077	0.7	0.1387906	0.8
203581_at	0.000493387	0.7	0.000349179	0.5	0.1087039	1.3	6.01645E-07	0.5	0.001934077	0.7	0.287422	0.9
34225_at	0.000521487	0.7	1.64854E-06	0.5	0.002359024	1.3	2.07679E-05	0.5	0.008912957	0.7	0.5611188	0.9
203224_at	0.005830779	0.7	1.28232E-06	0.4	0.01273386	1.4	1.52142E-05	0.5	0.03016602	0.8	0.4105926	1.1
218072_at	0.001551065	0.7	0.002163375	0.6	0.3232142	1.2	6.75641E-05	0.5	0.0228004	0.7	0.1736734	0.8
235223_at	0.003704875	0.7	0.001039519	0.7	0.2887977	1.1	4.19846E-05	0.5	0.03089174	0.7	0.1163434	0.8
64418_at	0.00612093	0.7	6.59719E-06	0.5	0.3163985	1.1	1.76505E-06	0.5	0.008035631	0.7	0.04091039	0.8
206437_at	8.55708E-05	0.7	9.7045E-06	0.5	0.03225029	1.3	0.00014623	0.6	0.1124872	0.8	0.663116	1.1
211121_s_at	0.002177267	0.7	8.42816E-05	0.5	0.000252551	1.5	5.38838E-05	0.3	0.001563073	0.5	0.08308771	0.7
202005_at	0.02763137	0.7	0.000578979	0.5	0.05160109	1.3	0.000440621	0.5	0.02057967	0.7	0.5082615	0.9
220320_at	0.00531999	0.7	5.79081E-05	0.4	0.000261991	2.1	3.82007E-06	0.4	0.000863376	0.6	0.3953013	1.2
236673_at	0.1165511	0.7	0.08399089	0.7	0.6563199	1.1	0.000146883	0.5	0.2391123	0.7	0.02326103	0.7
239802_at	0.004357872	0.7	5.55385E-05	0.6	0.06943261	1.3	5.36181E-05	0.5	0.04974562	0.8	0.8099326	1.0
226738_at	0.01154136	0.7	3.7808E-05	0.4	0.05889685	1.4	0.000106262	0.5	0.06235668	0.7	0.9084513	1.0
201158_at	0.01317493	0.7	0.001948864	0.4	0.03016302	1.7	7.2629E-05	0.4	0.01776283	0.6	0.8988084	1.0
203347_s_at	0.00207614	0.7	0.000409705	0.6	0.2420357	1.2	6.9558E-05	0.5	0.04349028	0.7	0.2913008	0.9

Figure 24-70

228571_at	0.000425037	0.7	1.19E-08	0.4	0.000684652	1.5	2.5691E-05	0.5	0.009142051	0.7	0.9917182	1.0
217829_s_at	2.62265E-05	0.7	2.88322E-06	0.5	0.01595035	1.3	1.28909E-06	0.5	0.007969943	0.8	0.864145	1.0
221046_s_at	6.85211E-05	0.7	0.000585011	0.6	0.343513	1.1	0.00073874	0.5	0.0846037	0.8	0.2941293	0.8
218714_at	0.001160903	0.7	0.01035296	0.5	0.5488983	1.1	0.000133553	0.6	0.1364515	0.8	0.7184429	0.9
235427_at	0.005011452	0.7	0.002087626	1.7	6.75962E-06	2.3	0.8569648	1.0	0.009063817	1.5	0.007005508	0.7
209137_s_at	0.000205424	0.7	0.00060219	0.6	0.001175449	1.4	8.97089E-07	0.5	0.002749968	0.8	0.3294644	1.1
202535_at	0.001857144	0.7	4.59245E-06	0.4	8.92392E-05	2.2	6.37313E-07	0.4	0.000163727	0.5	0.4015194	1.2
218323_at	0.01502982	0.7	0.000108839	0.5	0.1102911	1.3	0.000368351	0.5	0.2073504	0.8	0.7975278	1.0
228607_at	0.01974674	0.7	0.1379569	1.5	0.001178541	2.5	0.1554128	0.7	0.9032946	1.0	0.008242631	0.4
215671_at	0.04177589	0.7	4.55998E-05	2.1	1.24756E-05	2.7	0.6979404	1.1	0.01558223	1.6	0.001781045	0.6
223553_s_at	0.000407173	0.7	2.43E-08	0.4	0.000291029	1.6	4.15633E-07	0.4	0.000245981	0.6	0.6050296	0.9
212478_at	0.03016215	0.7	0.000166743	0.5	0.1380892	1.4	0.001254715	0.4	0.053727	0.6	0.4097792	0.8
231808_at	0.01431191	0.7	1.42238E-06	0.4	0.05676084	1.2	0.00531608	0.6	0.3623113	0.9	0.4445297	1.1
212977_at	0.2537051	0.7	0.000184293	3.7	1.98233E-05	7.1	0.3005101	1.3	0.06761162	2.0	0.000123218	0.3
223393_s_at	0.000802766	0.7	5.27903E-07	0.5	0.01568477	1.3	0.000634964	0.5	0.07999393	0.7	0.954641	1.0
1568964_x_at	0.009815985	0.7	0.002536424	0.6	0.3489487	1.1	0.000855087	0.6	0.1898583	0.9	0.03453449	0.8
212312_at	0.01414021	0.7	0.003354953	1.9	9.07731E-07	3.5	0.4751952	1.1	0.002316114	1.7	0.000488979	0.5
203318_s_at	0.002442278	0.7	1.31731E-05	0.5	0.06899128	1.3	1.92611E-07	0.5	0.005258918	0.7	0.2169464	0.9
222934_s_at	0.03728162	0.7	1.5353E-06	3.3	7.97E-09	4.7	0.002099112	1.8	5.83608E-06	2.7	0.000209237	0.6
201559_s_at	0.01069969	0.7	0.000222628	3.3	4.52E-08	3.8	0.0976899	1.4	0.000644309	2.0	0.003619502	0.5
205246_at	0.006472609	0.7	0.01655145	0.7	0.9380472	1.0	0.000105307	0.4	0.02668811	0.7	0.01366997	0.6
219149_x_at	0.004802415	0.7	0.03271682	0.7	0.6478066	1.1	1.72918E-06	0.5	0.03429474	0.7	0.01642038	0.8
209499_x_at	0.009178598	0.7	0.001982866	0.5	0.04785264	1.3	9.44642E-05	0.5	0.08112738	0.8	0.7003744	1.1
210405_x_at	0.000142833	0.7	0.005518705	1.7	2.7697E-07	2.2	0.6029442	1.1	0.004240983	1.6	0.03784335	0.7
227897_at	7.71128E-06	0.7	0.000597964	0.4	8.12E-08	2.0	2.62E-10	0.3	3.14169E-07	0.5	0.80571	1.0
231866_at	0.04499685	0.7	0.04984749	0.6	0.672258	1.1	0.008705841	0.6	0.4336156	0.9	0.2373265	0.8
220926_s_at	0.002876243	0.7	0.01527026	0.7	0.873049	1.0	1.63111E-05	0.5	0.01734827	0.7	0.01042721	0.7
213271_s_at	0.000689938	0.7	2.19712E-05	0.6	0.2890435	1.1	0.000289621	0.5	0.03934056	0.7	0.1618421	0.8
205126_at	0.001560776	0.7	0.002681074	0.6	0.4852871	1.1	4.54335E-05	0.4	0.003756611	0.6	0.01445841	0.6
222779_s_at	0.000267488	0.7	3.72959E-06	0.5	0.1029536	1.2	2.21962E-06	0.5	0.002958616	0.7	0.09984858	0.8
227212_s_at	0.003488963	0.7	0.003247636	1.5	2.16346E-05	2.1	0.06801429	1.2	0.000380496	1.8	0.1583466	0.9
203534_at	0.000745659	0.7	4.00092E-06	0.5	0.03771724	1.2	4.07187E-05	0.5	0.01665629	0.7	0.3288946	0.9
228853_at	0.001708981	0.7	0.000176218	0.5	0.1292742	1.2	4.04782E-06	0.5	0.01574155	0.7	0.2665561	0.9
214748_at	0.06601327	0.7	0.004466821	0.4	0.2935111	1.3	0.06224482	0.6	0.6432088	0.9	0.6179309	1.2
227428_at	0.001585174	0.7	0.01623453	0.7	0.2864201	1.1	0.000172865	0.5	0.04238126	0.7	0.1534034	0.8
203020_at	0.02481207	0.7	1.52204E-05	0.4	0.01010959	1.5	0.000369299	0.5	0.05075245	0.7	0.3935024	1.1

Figure 24-71

225351_at	0.002055669	0.7	0.000679591	0.6	0.1858955	1.2	2.71814E-05	0.5	0.03257165	0.7	0.2210378	0.9
224309_s_at	1.59065E-05	0.7	0.000197316	0.6	0.1031949	1.2	2.92269E-06	0.4	0.001433524	0.7	0.1036354	0.8
226233_at	0.002764606	0.7	0.002886109	0.6	0.5447655	1.1	4.98832E-05	0.5	0.03030921	0.8	0.1963863	0.8
201855_s_at	4.07828E-05	0.7	2.11167E-07	0.5	0.000163366	1.5	7.3746E-07	0.5	0.001419536	0.7	0.7302988	1.0
213028_at	0.000125822	0.7	0.005322624	0.4	0.04141225	1.8	0.000126228	0.4	0.0135638	0.7	0.5965618	1.2
224358_s_at	0.05477853	0.7	0.02963163	1.7	0.002681258	2.4	0.5005865	0.9	0.345008	1.3	0.03448667	0.5
229174_at	0.000343456	0.7	9.66415E-06	0.6	0.3682596	1.1	3.61268E-06	0.5	0.01788767	0.7	0.0619	0.8
204270_at	0.007747379	0.7	2.36081E-05	0.4	0.09756619	1.3	0.000249816	0.5	0.1665306	0.8	0.7531224	1.1
210797_s_at	0.003810738	0.7	2.40492E-05	3.5	1.74E-08	5.1	0.1760217	1.3	0.002653871	2.0	0.000295868	0.4
215004_s_at	0.002662287	0.7	0.000660949	0.6	0.250769	1.2	4.51645E-06	0.4	0.00674408	0.6	0.06166238	0.8
225778_at	0.03532656	0.7	0.002457119	0.4	0.04099641	1.8	0.000566549	0.2	0.006682312	0.4	0.2199435	0.6
201110_s_at	0.08879238	0.7	0.006629184	2.0	9.83948E-06	3.4	0.6167406	0.9	0.1791315	1.4	5.14102E-05	0.4
209482_at	0.003562337	0.7	0.003209228	0.5	0.1234383	1.2	0.008481634	0.4	0.0810895	0.5	0.2342316	0.7
207758_s_at	5.88693E-05	0.7	6.28203E-05	0.6	0.2015453	1.1	2.65E-09	0.5	0.001625029	0.7	0.05079393	0.8
224439_x_at	4.29627E-05	0.7	1.00361E-06	0.4	0.00028896	1.7	5.5518E-06	0.4	0.000431434	0.5	0.4862038	0.9
209385_s_at	0.001318874	0.7	1.09209E-05	0.5	0.007573565	1.3	4.15099E-06	0.5	0.001427683	0.7	0.9288753	1.0
242290_at	0.01902978	0.7	1.91565E-06	0.4	0.6744106	1.1	0.002366881	0.5	0.1694094	0.7	0.2427032	0.8
215113_s_at	0.01647597	0.7	0.001382635	0.6	0.4926891	1.1	0.000130967	0.5	0.1025912	0.7	0.1928085	0.8
221725_at	6.4278E-06	0.7	4.97E-08	0.5	0.000153252	1.4	3.48E-08	0.5	0.00081154	0.7	0.6307065	1.0
214198_s_at	0.002110871	0.7	7.79468E-07	0.4	0.2793642	1.2	0.000133786	0.5	0.02835985	0.7	0.1702855	0.8
228846_at	0.007116208	0.7	0.003807806	1.5	1.23425E-06	2.5	0.707651	1.0	0.01254109	1.4	2.71094E-05	0.6
208987_s_at	0.00277617	0.7	0.002415006	0.6	0.3365128	1.2	5.95846E-07	0.4	0.00393158	0.7	0.08184285	0.8
209034_at	0.0201078	0.7	2.97112E-05	2.1	1.0925E-06	3.1	0.003999018	1.5	3.90258E-05	2.3	0.03125989	0.8
209497_s_at	0.000102956	0.7	2.18391E-06	0.5	0.05496851	1.2	8.31578E-06	0.4	0.00550752	0.7	0.1417742	0.8
225731_at	0.01239423	0.7	0.000104213	0.5	0.01140799	1.5	0.000130745	0.5	0.04399533	0.7	0.6306151	1.1
238948_at	0.01261965	0.7	0.002844745	0.6	0.9841365	1.0	0.00191035	0.5	0.1086261	0.7	0.1067215	0.7
225170_at	0.008188807	0.7	0.2679982	0.8	0.5034339	1.1	0.000107968	0.4	0.02367872	0.6	0.008436535	0.6
226078_at	0.004118373	0.7	0.004876391	0.6	0.6825086	1.1	3.42983E-05	0.5	0.09509238	0.8	0.1804094	0.8
226683_at	0.00020796	0.7	1.87618E-05	2.3	6.58E-09	3.4	0.1690615	1.2	5.48025E-05	1.7	4.17442E-05	0.5
202757_at	8.43553E-05	0.7	2.1623E-07	0.4	8.09388E-05	1.5	2.11E-09	0.4	1.98642E-05	0.7	0.6977074	1.0
209450_at	0.01253648	0.7	0.006346716	0.6	0.8572739	1.0	0.000332636	0.5	0.09582049	0.7	0.09391447	0.8
226422_at	0.005653352	0.7	0.000159512	0.6	0.8090422	1.0	1.69309E-05	0.5	0.04716131	0.7	0.0207321	0.7
235507_at	0.02128841	0.7	1.98139E-05	0.5	0.9070813	1.0	0.004518284	0.6	0.2438475	0.8	0.228606	0.8
235434_at	0.001834501	0.7	8.07042E-05	0.3	0.007480498	2.0	0.000270431	0.5	0.0777442	0.8	0.1004488	1.5
201901_s_at	2.57881E-05	0.7	0.000114262	0.6	0.001992944	1.3	1.88E-11	0.5	0.000193277	0.7	0.2359664	0.9
200724_at	0.002850251	0.7	0.000363514	0.5	0.0768818	1.3	4.34608E-05	0.5	0.05749893	0.8	0.8019794	1.0

Figure 24-72

203388_at	4.00979E-05	0.7	0.000541312	0.6	0.03920616	1.3	2.02658E-06	0.5	0.007214488	0.7	0.5632249	0.9
224688_at	2.86818E-05	0.7	3.18377E-06	0.6	0.6538535	1.0	1.13909E-05	0.5	0.03317476	0.8	0.06741507	0.8
219004_s_at	0.01145993	0.7	0.003347916	1.8	6.35242E-05	2.2	0.4595729	1.1	0.004812935	1.6	0.002856815	0.7
211090_s_at	6.73735E-05	0.7	0.398836	0.8	0.008524808	1.3	1.84E-09	0.5	0.000119019	0.7	0.04490426	0.9
223332_x_at	0.004124536	0.7	0.000610508	0.5	0.2421134	1.2	0.008652178	0.6	0.8177619	1.0	0.4376041	1.1
230063_at	6.08226E-05	0.7	0.000135479	0.6	0.2172885	1.1	1.16127E-05	0.5	0.010466	0.7	0.07556064	0.8
210766_s_at	0.000127941	0.7	0.008566837	0.7	0.3610695	1.1	3.84024E-07	0.4	0.000805112	0.6	0.00195302	0.7
201717_at	1.65071E-05	0.7	2.18975E-06	0.5	0.001646487	1.5	8.44E-09	0.4	9.04243E-05	0.7	0.8455859	1.0
220947_s_at	4.54331E-06	0.7	1.1732E-07	0.5	0.000795969	1.3	4.45E-10	0.4	1.35085E-05	0.7	0.1338025	0.9
212708_at	0.000239117	0.7	4.43E-08	0.5	0.08358646	1.2	4.83E-08	0.4	0.00164341	0.7	0.03191752	0.8
213039_at	5.97767E-06	0.7	1.97068E-06	0.5	0.1019067	1.1	1.13935E-06	0.5	0.01914416	0.8	0.3186029	0.9
225533_at	0.006096166	0.7	0.001447057	1.8	1.62307E-06	3.1	0.002708383	1.6	1.6796E-06	2.4	0.1263678	0.8
219212_at	0.006415906	0.7	1.92708E-07	0.5	0.1795013	1.2	5.17934E-06	0.5	0.03832398	0.7	0.1513482	0.9
204264_at	0.002299744	0.7	0.1535523	0.6	0.1933177	1.3	0.002789868	0.4	0.06088029	0.6	0.3393693	0.8
202502_at	0.001393886	0.7	0.000216874	0.6	0.6880134	1.0	0.000889023	0.6	0.3279603	0.9	0.2191709	0.8
207318_s_at	1.31949E-06	0.7	0.004937101	0.7	0.8546255	1.0	1.50441E-07	0.5	0.000587492	0.7	0.004428996	0.7
212882_at	7.0305E-07	0.7	6.44443E-07	0.5	0.008385555	1.2	4.74E-09	0.5	0.000274979	0.7	0.2465007	0.9
229460_at	5.40176E-05	0.7	3.5284E-05	0.6	0.03140859	1.2	6.08397E-07	0.5	0.006925341	0.7	0.4113792	0.9
205025_at	0.004628318	0.7	0.03820067	0.6	0.2059109	1.3	0.002682408	0.5	0.1213866	0.7	0.8400419	0.9
212872_s_at	1.73004E-05	0.7	2.46479E-05	0.5	0.06437963	1.2	1.07989E-05	0.5	0.007925954	0.7	0.2435259	0.9
223386_at	0.000502287	0.7	0.001702523	0.6	0.5572318	1.1	1.22479E-07	0.5	0.006719037	0.7	0.05569195	0.8
41329_at	0.00197749	0.7	0.001432378	0.6	0.2178467	1.1	0.005438277	0.5	0.1338426	0.7	0.3108974	0.8
228548_at	0.00044125	0.7	1.38165E-05	0.5	0.2924765	1.1	2.43064E-05	0.5	0.02180184	0.8	0.1595147	0.8
209828_s_at	0.002241948	0.7	0.000110546	0.3	0.000836895	2.4	0.000597067	0.2	0.005691854	0.3	0.5953721	0.8
213405_at	6.1288E-05	0.7	1.27482E-06	0.5	0.001026674	1.5	1.66099E-05	0.4	0.005994989	0.7	0.8433844	1.0
231431_s_at	0.02540027	0.7	5.50974E-06	0.3	0.001400733	1.9	5.0807E-05	0.4	0.01050004	0.6	0.592299	1.1
213527_s_at	0.00059508	0.7	1.43778E-05	0.4	0.003894691	1.6	0.000486445	0.5	0.1060428	0.8	0.2873573	1.2
223159_s_at	0.002552198	0.7	0.000299765	0.5	0.003409526	1.6	4.38565E-06	0.4	0.003762651	0.7	0.6699952	1.1
212482_at	7.06161E-05	0.7	0.000510631	0.5	0.01171472	1.4	3.45019E-06	0.5	0.02558496	0.8	0.477951	1.1
202068_s_at	0.02462934	0.7	1.60156E-05	2.8	5.71E-09	4.1	0.05136032	1.5	8.29534E-05	2.2	0.000665336	0.5
228760_at	0.01652758	0.7	0.01824626	0.6	0.5811822	1.1	0.000298162	0.5	0.07404789	0.7	0.2061775	0.8
222233_s_at	0.00293042	0.7	1.87863E-05	0.4	0.000379181	1.7	0.000198655	0.3	0.007365016	0.5	0.6551965	0.9
205327_s_at	0.06222867	0.7	0.003740403	2.0	1.10E-09	3.2	0.3586983	1.2	1.51647E-06	1.9	5.29448E-05	0.6
209111_at	0.000606416	0.7	1.93518E-05	0.5	0.3019564	1.1	0.000305886	0.5	0.04957164	0.7	0.2916904	0.8
209586_s_at	0.0242228	0.7	0.001441513	0.5	0.4375531	1.2	0.01837267	0.6	0.717603	0.9	0.7078161	1.1
226883_at	0.000251775	0.7	3.62295E-07	0.4	7.20296E-05	1.8	9.16926E-06	0.4	0.001483214	0.6	0.9482294	1.0

Figure 24-73

158619_s_at	0.006969663	0.7	0.001088595	0.4	0.2042207	1.2	1.04208E-05	0.4	0.005340143	0.6	0.06896053	0.7
228726_at	0.001237656	0.7	0.03947268	1.3	3.96605E-06	2.1	0.03079757	0.8	0.2585091	1.2	0.000122797	0.6
202925_s_at	0.000473929	0.7	0.002761478	1.6	1.68506E-07	2.3	0.169092	0.9	0.01164558	1.3	9.08832E-05	0.6
212059_s_at	0.00015003	0.7	4.00775E-06	0.6	0.674071	1.0	1.65E-09	0.5	0.01060279	0.8	0.02246464	0.8
200070_at	0.000269834	0.7	5.62535E-06	0.5	0.1151948	1.1	3.22051E-06	0.5	0.004147482	0.7	0.04760018	0.8
208616_s_at	3.94637E-06	0.7	6.77985E-06	0.5	0.01101521	1.2	2.10E-08	0.5	0.004835958	0.8	0.2450127	0.9
202169_s_at	1.47924E-05	0.7	0.000132187	0.6	0.000617106	1.3	2.12274E-07	0.4	0.000579663	0.7	0.1461668	0.9
1555464_at	0.03640865	0.7	0.01690469	1.6	8.32675E-06	3.2	0.2545114	1.2	0.003087334	1.9	0.01370128	0.6
227018_at	3.62936E-06	0.7	2.80262E-06	0.6	0.4267711	1.1	6.06056E-06	0.5	0.01763314	0.8	0.06406005	0.8
211678_s_at	0.000238444	0.7	8.44441E-06	0.5	0.1160936	1.2	2.06136E-07	0.5	0.01468578	0.8	0.158062	0.9
212833_at	0.001898351	0.6	0.000466025	0.6	0.1972825	1.2	4.50479E-05	0.5	0.06602579	0.7	0.4692464	0.9
200726_at	1.79278E-06	0.6	1.86976E-06	0.6	0.1434419	1.1	2.47E-09	0.5	0.001767296	0.8	0.0286196	0.9
212396_s_at	0.005251363	0.6	0.1490166	0.8	0.2972828	1.2	0.000189348	0.5	0.06120386	0.7	0.009323149	0.6
204668_at	9.10405E-05	0.6	1.68791E-05	0.5	0.0144483	1.4	0.001719992	0.5	0.1892273	0.8	0.5738995	1.1
218058_at	0.004811095	0.6	0.00296333	0.6	0.6753787	1.1	9.06687E-06	0.5	0.06299465	0.8	0.1686942	0.8
201701_s_at	0.000678335	0.6	5.24099E-07	0.6	0.5672528	1.1	1.08489E-05	0.5	0.04084733	0.8	0.007242338	0.7
220140_s_at	0.004252288	0.6	0.009819323	0.7	0.6166561	1.1	0.000169646	0.5	0.08520503	0.7	0.0266201	0.7
239979_at	0.03907277	0.6	0.05178614	1.5	7.41291E-06	2.8	0.4198344	0.9	0.1081341	1.3	0.000272575	0.5
210784_x_at	9.73655E-06	0.6	0.06444027	0.7	0.1524758	1.2	6.78105E-07	0.5	0.02191865	0.8	0.01153705	0.7
218979_at	0.000850902	0.6	5.83762E-06	0.4	0.001895631	1.5	9.02E-08	0.4	0.000282103	0.6	0.4629929	0.9
225371_at	3.87665E-06	0.6	1.60864E-06	0.6	0.6315501	1.0	4.99E-08	0.5	0.000508219	0.7	0.001519232	0.7
236384_at	0.00023603	0.6	0.004899785	0.6	0.08493975	1.3	1.04205E-05	0.5	0.07628533	0.8	0.5617042	1.1
210314_x_at	0.009061297	0.6	0.001216441	0.5	0.3965349	1.1	0.000259156	0.5	0.2039987	0.8	0.7698379	1.0
1552773_at	0.004998915	0.6	0.00983127	1.7	2.3794E-06	2.7	0.3674926	0.9	0.02847768	1.3	0.000279358	0.5
202797_at	1.44323E-05	0.6	1.76176E-05	0.6	0.0889686	1.1	3.79553E-07	0.5	0.007432563	0.8	0.1207472	0.9
228700_at	0.004431413	0.6	1.42581E-06	0.3	0.00220939	1.7	1.58611E-06	0.4	0.000934107	0.6	0.7638496	1.0
221657_s_at	0.0289661	0.6	0.01479264	0.6	0.6235433	1.1	2.5273E-05	0.2	0.000550172	0.3	0.000203734	0.3
230529_at	0.03336405	0.6	3.09456E-05	0.4	0.06142901	1.5	0.04613348	0.5	0.4232648	0.8	0.7040696	1.1
204254_s_at	0.000179982	0.6	5.82056E-06	0.4	0.002718123	1.6	1.67157E-06	0.4	0.001437344	0.6	0.8321943	1.0
204732_s_at	0.005501666	0.6	4.02428E-05	0.4	0.1521985	1.2	6.90036E-06	0.5	0.0307724	0.7	0.2738604	0.9
209002_s_at	0.001827561	0.6	0.003078098	0.7	0.1187857	1.2	0.01227819	0.7	0.7054514	1.0	0.2972802	0.9
223021_x_at	1.58956E-06	0.6	0.001932078	0.7	0.3654022	1.1	1.78551E-07	0.5	0.001618717	0.7	0.004303769	0.8
208914_at	0.003490973	0.6	1.89189E-05	0.4	0.004375739	1.7	3.73492E-05	0.4	0.01413226	0.7	0.6380594	1.1
203760_s_at	0.03536155	0.6	0.3423113	1.2	0.00215027	1.9	0.01500505	0.6	0.9355239	1.0	0.000504414	0.5
238468_at	0.03580107	0.6	0.000808122	0.5	0.9544316	1.0	0.05632401	0.7	0.7361766	1.1	0.7556299	1.1
209063_x_at	0.000112824	0.6	0.000313219	0.6	0.1587323	1.2	7.19292E-06	0.5	0.03522769	0.8	0.3549956	0.9

Figure 24-74

206715_at	0.001481587	0.6	0.000042971	1.7	1.17224E-06	2.3	0.5702536	1.1	0.001447118	1.7	0.00792372	0.7
229285_at	0.01067784	0.6	0.005503027	0.6	0.1112258	1.3	0.000308735	0.4	0.04609404	0.7	0.5041391	0.9
210667_s_at	0.002708145	0.6	0.08018203	0.7	0.4364999	1.2	0.00043549	0.6	0.3479985	0.9	0.9600269	1.0
201032_at	1.92462E-05	0.6	0.006917453	0.6	0.6682285	1.0	1.17784E-07	0.5	0.001109103	0.8	0.01806953	0.8
233047_at	0.2870753	0.6	4.18318E-07	17.2	2.02E-08	22.5	1.69841E-05	8.3	3.69364E-07	13.0	0.02347416	0.6
235240_at	0.003993196	0.6	5.83368E-06	0.5	0.04441475	1.3	1.15689E-05	0.4	0.005152605	0.6	0.1572449	0.8
221758_at	0.004717275	0.6	0.000555653	0.5	0.09218423	1.4	0.000850705	0.4	0.06639914	0.7	0.7339253	0.9
206495_s_at	0.1140052	0.6	4.18645E-07	0.3	0.0398968	1.9	0.01535713	0.2	0.08726847	0.4	0.4685263	0.7
228524_at	0.000315011	0.6	0.000321264	0.6	0.1746812	1.2	7.31877E-07	0.4	0.003927934	0.7	0.03382337	0.8
242735_x_at	0.1013843	0.6	7.79119E-05	0.6	0.0384802	1.3	0.1134342	0.7	0.8305048	1.0	0.03026528	0.8
236982_at	0.2289036	0.6	5.53E-10	8.0	6.22E-12	15.2	0.008532242	2.9	1.75581E-07	4.5	6.80618E-07	0.3
218078_s_at	0.000179291	0.6	0.001226356	0.6	0.06903755	1.2	1.81189E-07	0.5	0.01543395	0.8	0.4549537	0.9
225567_at	0.02250556	0.6	7.50614E-06	0.3	0.003664644	2.0	7.83646E-05	0.4	0.01510748	0.6	0.6498106	1.1
211563_s_at	0.000484371	0.6	0.2858097	0.8	0.8128131	1.0	1.86403E-05	0.4	0.01247748	0.7	0.007497947	0.7
1552798_a_at	0.000540397	0.6	0.000399201	1.9	9.1368E-07	2.5	0.03328491	0.8	0.1762847	1.2	3.80754E-05	0.5
222691_at	0.000715257	0.6	0.006707788	0.7	0.634566	1.1	3.66012E-06	0.4	0.01448849	0.7	0.003277207	0.7
224779_s_at	0.001181107	0.6	5.55974E-06	0.4	0.000740227	1.5	1.8052E-06	0.5	0.006661042	0.7	0.6124986	1.1
222718_at	0.02468797	0.6	0.000445908	0.4	0.02187496	1.8	0.000578322	0.3	0.01090064	0.4	0.332918	0.7
217549_at	0.000110969	0.6	5.9075E-06	0.5	0.1068925	1.2	1.00449E-05	0.5	0.0332177	0.8	0.5834301	0.9
223180_s_at	0.006848135	0.6	0.000225068	0.3	0.001987275	2.3	1.83179E-05	0.3	0.003795847	0.5	0.448125	1.2
222531_s_at	1.26E-08	0.6	3.75407E-06	0.5	0.000073216	1.3	1.54E-09	0.4	2.499995E-05	0.7	0.1437176	0.9
0.000765882	0.000765882	0.6	0.000997209	0.6	0.267396	1.1	2.29469E-07	0.4	0.005790286	0.7	0.03111299	0.8
206380_s_at	1.53831E-06	0.6	0.000472182	0.7	0.3343255	1.1	1.59922E-06	0.5	0.006830322	0.7	0.002149099	0.7
239704_at	0.3328528	0.6	0.01089943	2.4	0.00475752	4.0	0.2862098	1.4	0.08048776	2.2	0.02007956	0.6
238711_s_at	0.000160443	0.6	0.000232295	0.6	0.6555328	1.0	1.83E-09	0.4	9.62088E-05	0.6	0.000026439	0.7
201782_s_at	2.03037E-06	0.6	5.60232E-05	0.6	0.5011558	1.1	1.82017E-05	0.5	0.09762324	0.8	0.341692	0.9
232323_s_at	0.002046828	0.6	0.000829227	0.6	0.8027021	1.0	5.61756E-06	0.5	0.04970212	0.8	0.03205308	0.8
203095_at	0.000197986	0.6	0.000197163	0.6	0.9134802	1.0	2.32241E-05	0.5	0.1476515	0.8	0.1009193	0.8
226841_at	3.64151E-05	0.6	0.000219932	0.7	0.8326577	1.0	4.48013E-06	0.5	0.01967512	0.8	0.01581709	0.7
201285_at	3.39E-08	0.6	1.04779E-05	0.5	0.000514476	1.3	1.80E-08	0.5	0.001319372	0.8	0.9239044	1.0
233558_s_at	1.75809E-05	0.6	0.02327384	0.6	0.002816717	1.2	3.23E-08	0.5	1.7325E-06	0.7	0.01056676	0.9
225670_at	0.001664204	0.6	0.01929739	0.6	0.9329676	1.0	0.000518083	0.6	0.4873825	0.9	0.6578801	0.9
225246_at	0.008432541	0.6	0.000464445	0.6	0.8454427	1.0	0.000229138	0.5	0.2790263	0.8	0.2710527	0.9
201353_s_at	0.03105428	0.6	0.002978327	0.5	0.9894568	1.0	0.000852539	0.5	0.4290152	0.9	0.2689144	0.9
238779_at	0.005994155	0.6	0.045036	2.4	0.00330871	1.8	0.02833278	0.7	0.3784495	1.1	0.01374748	0.6
236248_x_at	1.77252E-05	0.6	0.000826861	0.5	0.02570121	1.4	9.9951E-05	0.4	0.01213039	0.6	0.5782994	0.9

Figure 24-75

226888_at	9.55595E-05	0.6	9.07576E-05	0.6	0.9136177	1.0	2.30324E-05	0.5	0.07290635	0.8	0.04272266	0.8
223440_at	0.000526281	0.6	4.00715E-07	0.4	7.66396E-05	1.7	1.34E-08	0.4	0.000368494	0.6	0.6434871	1.0
219267_at	2.98829E-05	0.6	0.000322327	0.6	0.2040876	1.1	3.79375E-06	0.4	0.006039324	0.7	0.04282203	0.8
218160_at	8.58843E-05	0.6	1.35961E-05	0.5	0.1756419	1.2	4.12236E-06	0.5	0.01647857	0.7	0.187208	0.8
218703_at	0.02314655	0.6	0.003133867	0.5	0.6495739	1.1	0.002713525	0.5	0.4124959	0.8	0.7774341	0.9
201756_at	0.00502051	0.6	0.0143518	0.7	0.718334	1.1	7.16635E-06	0.4	0.01045696	0.7	0.03872013	0.7
202180_s_at	2.00431E-05	0.6	1.90866E-05	0.6	0.1331023	1.1	4.77184E-07	0.4	0.001505311	0.7	0.01131477	0.7
210971_s_at	0.001878742	0.6	0.06058425	0.6	0.005638991	1.4	5.2802E-06	0.5	0.01795661	0.7	0.7942895	1.0
209384_at	9.97382E-05	0.6	2.37267E-06	0.5	0.0473334	1.3	8.84432E-06	0.4	0.008131667	0.7	0.2422668	0.8
227211_at	0.04782725	0.6	0.009545989	1.8	0.00680989	2.5	0.09415663	1.3	0.006634	2.0	0.0701211	0.8
214545_s_at	0.003255972	0.6	0.009012565	0.5	0.04135134	1.4	0.000138699	0.5	0.126587	0.8	0.7129255	1.1
201966_at	2.89854E-05	0.6	1.75459E-05	0.5	0.04553692	1.2	2.10663E-06	0.5	0.01816831	0.8	0.2428792	0.9
1558942_at	0.00030015	0.6	4.10423E-07	0.5	0.01795131	1.3	7.95128E-06	0.4	0.01130531	0.7	0.4401946	0.9
235346_at	0.000333931	0.6	0.007458597	0.8	0.264359	1.1	2.79943E-06	0.4	0.004417246	0.7	0.000804498	0.6
208954_s_at	9.51769E-06	0.6	3.89477E-06	0.5	0.9666105	1.0	5.58E-08	0.5	0.07438255	0.9	0.06612176	0.9
225440_at	4.3724E-07	0.6	0.000101409	0.6	0.8124383	1.0	8.92384E-05	0.5	0.05214066	0.8	0.05834539	0.8
227995_at	4.85529E-05	0.6	9.49564E-06	0.6	0.2451828	1.1	3.97948E-06	0.5	0.1406777	0.9	0.01389161	0.8
228138_at	1.86306E-05	0.6	4.57995E-05	0.6	0.1269925	1.2	0.000045806	0.5	0.130243	0.8	0.9522254	1.0
241993_x_at	0.07228128	0.6	0.03793857	1.6	0.007168476	2.2	0.2253135	1.2	0.02201272	1.9	0.3896341	0.9
209279_s_at	0.000131671	0.6	0.03667175	0.7	0.4744023	1.1	2.06866E-07	0.5	0.02256438	0.8	0.01666234	0.7
201729_s_at	0.00012748	0.6	3.83773E-07	0.5	0.06831871	1.2	3.77633E-07	0.5	0.0129044	0.8	0.5122089	0.9
222586_s_at	2.27877E-06	0.6	1.8689E-05	0.4	0.00040715	1.5	3.52E-11	0.4	1.73189E-06	0.6	0.7469085	1.0
1553112_s_at	0.000863524	0.6	0.01279088	0.6	0.4928842	1.1	6.81074E-05	0.6	0.4712118	0.9	0.1551837	0.8
222715_s_at	5.91416E-05	0.6	1.65913E-05	0.6	0.1430874	1.2	5.95E-09	0.4	0.001454386	0.7	0.08404671	0.8
223239_at	0.003362831	0.6	9.1125E-05	0.5	0.02942118	1.4	2.26138E-06	0.5	0.03273613	0.7	0.7112104	1.1
224928_at	0.000308976	0.6	7.03863E-05	0.5	0.006529185	1.4	5.06412E-05	0.5	0.0508585	0.8	0.7225131	1.1
228918_at	0.000147762	0.6	0.001476454	0.6	0.878135	1.0	1.40759E-07	0.5	0.01070087	0.7	0.005869179	0.7
202126_at	4.1918E-07	0.6	0.000108775	0.5	0.002556907	1.3	1.20405E-06	0.4	0.00063814	0.6	0.07263438	0.8
223367_at	0.003238946	0.6	0.01703644	0.6	0.1460525	1.4	0.000105864	0.4	0.03102405	0.6	0.6549238	0.9
207196_s_at	0.001726385	0.6	0.002705361	1.7	1.71935E-07	2.5	0.381005	1.1	6.96372E-05	1.7	4.43351E-05	0.7
226399_at	0.000117757	0.6	1.20855E-05	0.5	0.01460132	1.3	5.03291E-06	0.5	0.02209889	0.7	0.9450169	1.0
206688_s_at	0.000408076	0.6	0.1929552	0.7	0.3925539	1.1	2.94335E-06	0.5	0.0644875	0.8	0.2125501	0.9
204638_at	4.2468E-06	0.6	3.55668E-05	0.6	0.1842685	1.1	3.45778E-07	0.5	0.008190952	0.8	0.1747017	0.9
200919_at	1.70593E-06	0.6	9.15E-10	0.4	1.46896E-07	1.8	1.17E-09	0.4	6.9401E-06	0.6	0.4513531	1.1
223329_x_at	2.22441E-05	0.6	7.09076E-07	0.6	0.2029176	1.1	8.97096E-06	0.4	0.01112247	0.7	0.06636029	0.8
225572_at	3.93011E-05	0.6	0.004779392	0.7	0.2021537	1.1	2.64138E-05	0.5	0.1233129	0.8	0.02617756	0.7

Figure 24-76

222661_at	7.10485E-05	0.6	2.91E-08	0.4	0.000196304	1.4	3.14082E-07	0.4	0.000241549	0.6	0.07106721	0.8
212892_at	6.77805E-06	0.6	0.000166408	0.6	0.5135769	1.1	5.61E-08	0.5	0.006042182	0.8	0.166385	0.9
224705_s_at	0.002260865	0.6	5.23898E-05	0.6	0.3218603	1.1	1.69123E-05	0.4	0.01569164	0.6	0.03986083	0.7
239050_s_at	0.000800829	0.6	0.000158652	0.5	0.3965718	1.1	0.000258473	0.6	0.4030495	0.9	0.813397	1.0
218282_at	7.34202E-05	0.6	0.05725325	0.7	0.9902719	1.0	0.01266085	0.4	0.2194262	0.7	0.2236064	0.7
208424_s_at	3.70427E-05	0.6	0.000313193	0.7	0.9836374	1.0	1.46672E-05	0.4	0.01896056	0.7	0.01786705	0.7
213573_at	0.001414871	0.6	0.000397203	0.6	0.1098962	1.2	0.000173052	0.5	0.130981	0.8	0.009672779	0.7
225172_at	0.000206747	0.6	0.00032491	0.6	0.6027346	1.1	0.001989499	0.6	0.5307603	0.9	0.3354986	0.9
38892_at	0.000402638	0.6	4.71E-08	0.4	0.004158393	1.3	6.0323E-06	0.5	0.01413609	0.8	0.6336203	1.0
219996_at	6.7494E-05	0.6	4.2961E-06	0.5	0.03671747	1.3	1.46721E-06	0.5	0.03473637	0.8	0.9667921	1.0
204007_at	0.03407579	0.6	0.009137475	0.6	0.8177594	1.1	0.003297096	0.5	0.199079	0.7	0.3034047	0.8
200991_s_at	0.000821726	0.6	0.000917621	0.6	0.8317428	1.0	0.001573209	0.4	0.1022883	0.7	0.115864	0.7
209831_x_at	0.000288796	0.6	0.003529577	0.6	0.4769564	1.1	1.3334E-05	0.5	0.04859898	0.8	0.1580593	0.8
213682_at	1.22278E-05	0.6	7.23E-09	0.4	6.92591E-05	1.5	1.27E-08	0.4	0.000330536	0.7	0.9075764	1.0
229625_at	0.05450125	0.6	0.0211686	2.1	0.00019849	3.7	0.8800669	1.0	0.04682748	1.7	0.01236866	0.4
225040_s_at	0.002763862	0.6	0.000791986	0.4	0.01549041	2.0	2.75729E-06	0.4	0.01233645	0.7	0.2777085	1.3
232383_at	0.005665928	0.6	0.01135016	1.7	5.53132E-05	2.4	0.212393	1.1	0.001052434	1.8	0.06687569	0.8
239012_at	0.01073446	0.6	9.00012E-05	3.8	8.17E-12	5.4	0.01380861	1.6	2.49652E-07	2.6	1.20722E-05	0.5
216905_s_at	0.002236515	0.6	0.000560189	0.4	0.05076873	1.4	2.38173E-06	0.4	0.001664288	0.6	0.3474344	0.8
211584_s_at	0.000244971	0.6	0.02085784	0.6	0.0218166	1.5	0.000109083	0.5	0.107013	0.8	0.3796662	1.2
206710_s_at	0.000132309	0.6	0.005966275	1.3	8.35232E-07	2.1	0.000204701	0.7	0.2545519	1.1	2.24861E-07	0.5
212898_at	0.001456296	0.6	0.005772215	0.7	0.9030096	1.0	4.65111E-06	0.4	0.02574272	0.7	0.03167671	0.7
202399_s_at	3.50993E-06	0.6	2.19134E-06	0.6	0.6492494	1.0	2.32906E-07	0.5	0.01812493	0.8	0.02131276	0.8
204809_at	0.000231713	0.6	1.24289E-05	0.5	0.01896959	1.3	3.73E-08	0.4	0.000131595	0.6	0.0372274	0.8
226230_at	1.05379E-05	0.6	8.17684E-06	0.6	0.1044849	1.2	1.25784E-06	0.4	0.003422221	0.7	0.07024648	0.8
211776_s_at	0.00011661	0.6	0.005049423	1.5	8.05E-08	2.3	0.001405875	0.7	0.1649384	1.2	2.06734E-07	0.5
212152_x_at	0.000582246	0.6	0.004624488	0.6	0.778017	1.0	7.44361E-07	0.5	0.02887488	0.8	0.1024156	0.8
226262_at	0.000129992	0.6	0.000368332	0.7	0.8562006	1.0	7.94258E-07	0.5	0.01278905	0.7	0.02048412	0.7
201569_s_at	0.005180399	0.6	0.003104027	0.6	0.9885033	1.0	4.2371E-05	0.5	0.1338974	0.8	0.07272278	0.8
207830_s_at	0.000108043	0.6	1.65E-09	0.5	0.000516102	1.5	3.03248E-05	0.4	0.003589241	0.6	0.3049707	0.9
218467_at	4.12104E-07	0.6	2.47407E-07	0.5	0.002190903	1.2	6.57E-10	0.4	5.7184E-05	0.7	0.01722148	0.9
216988_s_at	4.92793E-06	0.6	0.002604805	0.6	0.09745988	1.1	4.96E-08	0.5	0.01273173	0.8	0.123951	0.9
1554539_a_at	0.008906033	0.6	0.000286702	2.2	2.85003E-06	2.7	0.4876538	1.1	0.000955786	1.8	0.005587374	0.7
212987_at	0.000755157	0.6	5.7494E-05	0.6	0.2576543	1.1	2.99116E-06	0.5	0.05673195	0.8	0.3152128	0.9
200852_x_at	6.70E-09	0.6	5.84262E-05	0.7	0.02019812	1.2	2.40E-10	0.5	0.001514632	0.8	3.76829E-05	0.7
204786_s_at	0.05587272	0.6	0.006427067	1.6	0.004193635	2.2	0.4732701	1.1	0.02214534	1.8	0.2594685	0.8

Figure 24-77

226183_at	0.000902618	0.6	0.04780906	0.7	0.02252016	1.3	1.52767E-05	0.5	0.1643803	0.8	0.000380382	0.6
203359_s_at	7.54281E-05	0.6	3.08926E-06	0.5	0.01954887	1.2	1.98E-08	0.4	0.00022046	0.7	0.02628624	0.9
222544_s_at	0.000616425	0.6	0.000391519	0.4	0.2341769	1.2	6.37541E-06	0.5	0.162999	0.8	0.8763006	1.0
228545_at	1.06801E-05	0.6	3.85071E-06	0.5	0.2438508	1.1	4.18E-08	0.5	0.006147096	0.8	0.07457353	0.9
213003_s_at	0.02251603	0.6	2.06242E-07	0.4	0.2042175	1.2	0.003694057	0.5	0.180785	0.9	0.9773252	1.0
228959_at	0.002512743	0.6	7.73456E-05	0.5	0.3904743	1.1	9.64918E-05	0.5	0.115271	0.8	0.4020218	0.9
222463_at	0.1074065	0.6	0.01045705	0.4	0.3415315	1.3	0.01874174	0.5	0.4621238	0.8	0.8086557	1.1
209083_at	6.27241E-07	0.6	4.27111E-06	0.6	0.302541	1.1	8.50E-09	0.5	0.003055404	0.8	0.1211685	0.9
212910_at	9.90635E-05	0.6	6.75361E-05	0.3	0.0150695	1.8	2.00268E-05	0.4	0.009928762	0.6	0.5333012	1.2
235347_at	0.000655006	0.6	0.003390212	0.7	0.1466714	1.2	2.4011E-05	0.5	0.07073151	0.8	0.002446511	0.6
221060_s_at	0.000476992	0.6	0.08498555	1.9	2.22736E-05	2.3	0.01354127	0.7	0.3217078	1.2	0.000274309	0.5
212437_at	0.000254828	0.6	0.000807382	0.6	0.4526153	1.1	0.000162674	0.5	0.116364	0.8	0.05542117	0.7
223012_at	0.000871932	0.6	0.000123862	0.5	0.2855784	1.2	6.8462E-07	0.4	0.01071944	0.7	0.1545616	0.8
230913_at	0.01751811	0.6	0.000337396	0.5	0.4775144	1.1	0.005050172	0.5	0.3623186	0.9	0.7388833	1.0
228711_at	0.003042491	0.6	0.07091275	0.6	0.4816982	1.1	0.002033712	0.3	0.04934624	0.6	0.1389865	0.6
227053_at	0.009844245	0.6	0.02692219	0.6	0.4486538	1.2	0.02266104	0.5	0.5964921	0.9	0.2905531	0.8
203319_s_at	9.74452E-05	0.6	0.01620882	0.6	0.2879225	1.1	3.65E-08	0.5	0.005922137	0.7	0.01895791	0.8
221864_at	5.50734E-06	0.6	9.06809E-07	0.3	7.89321E-05	2.0	9.51474E-06	0.3	0.000923865	0.5	0.8075334	1.0
216267_s_at	0.000166673	0.6	0.0041466	0.7	0.5727567	1.1	3.87789E-05	0.5	0.08883232	0.8	0.0369521	0.8
203572_s_at	0.002219776	0.6	0.000115273	0.6	0.8894203	1.0	0.00026238	0.4	0.06566437	0.7	0.04262554	0.7
218294_s_at	0.000344191	0.6	2.07078E-05	0.4	1.78346E-05	1.5	4.03E-08	0.3	1.17068E-05	0.6	0.1619704	0.9
224830_at	8.57447E-05	0.6	0.000496509	0.6	0.1558581	1.2	1.14818E-06	0.5	0.01804782	0.7	0.2652422	0.9
225434_at	7.776E-05	0.6	1.50788E-05	0.5	0.01571701	1.4	5.34229E-07	0.5	0.08446097	0.8	0.218748	1.2
209572_s_at	0.000717789	0.6	6.30543E-05	0.6	0.5508934	1.1	2.99689E-05	0.5	0.1419094	0.8	0.3225506	0.9
233642_s_at	0.002579651	0.6	0.00511945	0.6	0.740572	1.1	7.30143E-05	0.6	0.4513173	0.9	0.3226665	0.9
224807_at	0.02238383	0.6	2.22022E-06	4.0	1.17E-08	6.9	0.002828301	2.0	2.72053E-05	3.2	0.001545029	0.5
207857_at	3.39591E-05	0.6	7.48698E-07	0.5	0.07408381	1.2	3.10574E-06	0.5	0.01816724	0.7	0.3033413	0.9
201518_at	0.00023434	0.6	5.45784E-07	0.4	0.004752553	1.3	9.09844E-07	0.5	0.01275365	0.8	0.628574	1.0
219594_at	0.005214891	0.6	0.00010452	0.5	0.3078356	1.2	6.23158E-05	0.4	0.02677176	0.7	0.2772488	0.8
226702_at	0.0684535	0.6	0.812132	1.1	0.001967889	2.4	0.2441565	0.7	0.4725541	1.2	0.01374608	0.5
223205_s_at	0.000229373	0.6	0.001501905	0.6	0.678663	1.1	0.000258482	0.5	0.1850086	0.8	0.1183995	0.8
204020_at	3.85E-09	0.6	2.34E-09	0.4	6.07602E-06	1.8	1.04E-09	0.4	2.71618E-06	0.6	0.991085	1.0
225455_at	0.003122444	0.6	0.001866637	0.5	0.2394989	1.2	0.000190041	0.5	0.3187028	0.8	0.7957808	1.0
215191_at	0.003350146	0.6	7.46727E-05	0.5	0.4155532	1.2	5.95645E-07	0.4	0.03135833	0.7	0.1862784	0.8
236019_at	0.0752753	0.6	0.001944468	2.0	0.002911083	2.5	0.4221493	1.2	0.03676046	1.9	0.1677412	0.8
200827_at	0.000214438	0.6	3.52136E-05	0.5	0.4512537	1.1	0.000069412	0.4	0.02736233	0.7	0.1137144	0.7

Figure 24-78

212366_at	0.003779698	0.6	0.001495531	0.4	0.05838455	1.7	0.000174423	0.5	0.1485767	0.8	0.1740482	1.4
213208_at	1.00405E-05	0.6	6.94668E-05	0.5	0.000425909	1.5	1.64E-08	0.4	0.000471454	0.7	0.6603822	1.0
222889_at	0.003197507	0.6	0.000490927	0.4	0.03758541	1.7	0.000104059	0.2	0.003152737	0.4	0.2280812	0.7
219378_at	0.008271996	0.6	0.000552685	0.6	0.9240546	1.0	0.02017268	0.5	0.4481902	0.8	0.3841715	0.8
90610_at	0.000181341	0.6	0.000208909	0.6	0.5398043	1.1	2.34775E-06	0.5	0.1708606	0.8	0.051972276	0.8
224912_at	0.000326577	0.6	9.96867E-06	0.5	0.4444746	1.1	2.97144E-06	0.5	0.08692375	0.8	0.01347649	0.8
225317_at	0.01257651	0.6	0.01382096	0.7	0.8881916	1.0	0.00034172	0.6	0.7859651	1.0	0.8526272	1.0
229436_x_at	0.004721803	0.6	9.76011E-05	0.4	0.03767757	1.5	0.001203091	0.6	0.556057	0.9	0.1008776	1.4
225302_at	8.73724E-05	0.6	0.005642577	0.6	0.4368526	1.1	3.97035E-06	0.5	0.02511546	0.8	0.04845176	0.8
229872_s_at	9.02052E-05	0.6	0.004487927	1.5	3.46E-08	2.4	0.6519953	1.0	3.26729E-05	1.7	0.000263022	0.7
226783_at	0.01302262	0.6	0.002055607	0.4	0.1106169	1.5	0.001816606	0.4	0.1606653	0.7	0.9326265	1.0
244654_at	0.008532869	0.6	0.03047319	1.6	3.54344E-05	2.7	0.4778696	1.1	0.001344966	1.8	0.04716833	0.7
220147_s_at	3.02609E-07	0.6	0.02052398	1.3	3.43287E-05	1.9	5.35759E-05	0.7	0.07785672	1.1	0.000245354	0.6
208989_s_at	1.22621E-05	0.6	1.66826E-05	0.4	0.03953299	1.4	1.81E-08	0.4	0.000270314	0.7	0.5578066	0.9
219544_at	0.000176821	0.6	9.2774E-06	0.5	0.4565956	1.1	0.000339563	0.4	0.04967796	0.7	0.1168338	0.7
203818_s_at	4.14791E-05	0.6	3.3804E-07	0.5	0.0642968	1.2	6.39028E-07	0.5	0.0211209	0.8	0.6198734	1.0
218535_s_at	0.008230189	0.6	0.001087844	0.5	0.1627756	1.3	0.003831356	0.4	0.2315317	0.7	0.9268403	1.0
226744_at	3.93248E-07	0.6	2.21678E-06	0.6	0.4488035	1.1	3.25E-08	0.4	0.001511378	0.7	0.004522846	0.8
203112_s_at	4.01887E-05	0.6	4.49975E-06	0.5	0.3741897	1.1	4.96252E-05	0.5	0.09425136	0.8	0.35489	0.9
228120_at	0.001911174	0.6	3.31157E-05	0.5	0.4265191	1.1	0.00015828	0.5	0.1058754	0.9	0.2874157	0.9
210205_at	0.002465012	0.6	0.003496938	0.6	0.6174957	1.1	2.17181E-05	0.5	0.065709	0.8	0.02188287	0.7
205202_at	8.86888E-05	0.6	0.0009296	0.6	0.8908737	1.0	1.22398E-07	0.5	0.0796204	0.8	0.06044885	0.8
213019_at	0.000298928	0.6	5.58733E-06	0.5	0.0179449	1.3	3.62577E-07	0.4	0.004286164	0.7	0.3905449	0.9
202622_s_at	0.000167817	0.6	1.30375E-06	0.5	0.000173338	1.4	1.3302E-06	0.4	0.002820535	0.7	0.8977814	1.0
224777_s_at	5.37E-08	0.6	2.50E-09	0.5	5.18417E-05	1.4	4.12E-09	0.4	0.000111858	0.7	0.8211429	1.0
1556423_at	0.05980402	0.6	0.001812576	0.5	0.9184673	1.0	0.006588812	0.5	0.5096599	0.9	0.4440916	0.9
1568870_at	0.005300046	0.6	0.003095363	0.5	0.6594921	1.1	0.001423833	0.5	0.4530898	0.9	0.8127602	1.0
219358_s_at	7.12711E-05	0.6	2.54701E-05	0.5	0.02041743	1.3	3.59691E-06	0.5	0.04998296	0.8	0.5296578	1.1
219014_at	0.005672974	0.6	6.72356E-05	2.6	4.98547E-07	3.9	0.5408089	0.9	0.04116469	1.5	9.12653E-05	0.4
230012_at	0.00114609	0.6	1.21754E-05	0.4	0.01105157	1.4	1.66891E-05	0.4	0.01039105	0.7	0.9091129	1.0
202412_s_at	0.000248514	0.6	1.9075E-05	0.5	0.043133	1.3	6.81656E-07	0.4	0.001577062	0.7	0.7211668	1.0
224492_s_at	0.000340161	0.6	1.94028E-06	0.4	0.001386772	1.6	6.31439E-06	0.4	0.004615542	0.6	0.9985421	1.0
213694_at	2.55006E-05	0.6	3.19418E-07	0.5	0.002182703	1.4	9.99E-08	0.4	0.000171389	0.6	0.1980573	0.9
240432_x_at	0.004567716	0.6	8.39487E-06	1.9	2.51265E-06	2.8	0.1743766	0.8	0.09894976	1.3	6.44166E-05	0.5
213294_at	0.002938755	0.6	0.04275603	0.7	0.05248711	1.3	0.001051345	0.6	0.4342997	0.9	0.01745198	0.7
231810_at	0.1230039	0.6	8.0664E-05	0.5	0.7231303	1.1	0.1690032	0.7	0.4885863	1.2	0.5220221	1.1

Figure 24-79

218304_s_at	1.51497E-06	0.6	7.29E-08	0.4	1.0075E-05	1.6	9.22E-09	0.4	4.05401E-05	0.6	0.5350658	0.9
212479_s_at	2.04576E-05	0.6	2.15401E-06	0.4	9.52468E-05	1.8	2.16952E-06	0.4	0.01568197	0.7	0.06141327	1.3
203364_s_at	6.94773E-07	0.6	6.35133E-06	0.6	0.9012651	1.0	3.67425E-07	0.5	0.01492358	0.8	0.02344403	0.8
1552303_a_at	0.000683077	0.6	0.000180482	2.2	1.31837E-07	4.1	0.3832934	0.9	0.08497331	1.4	4.91237E-05	0.4
226343_at	6.13882E-06	0.6	5.53862E-05	0.5	0.270868	1.1	1.56401E-06	0.5	0.02146564	0.8	0.1754859	0.9
205660_at	0.00541557	0.6	6.26937E-06	3.0	1.73E-09	6.0	0.2612765	1.3	0.003604113	2.1	0.000406512	0.4
1556072_at	0.0132866	0.6	7.69527E-05	2.3	8.0011E-07	3.8	0.01009272	1.5	0.000106376	2.4	0.002223319	0.6
224718_at	3.46214E-07	0.6	1.47142E-06	0.5	0.0471238	1.2	2.15E-08	0.5	0.008140024	0.8	0.4456102	0.9
227964_at	4.67E-08	0.6	0.000206421	0.6	0.6857599	1.0	1.00807E-06	0.4	0.001144722	0.7	0.001044828	0.6
228597_at	0.02319621	0.6	0.007840564	1.8	9.11113E-05	2.7	0.5876681	1.1	0.007500039	1.8	0.05742489	0.7
1554229_at	0.002684799	0.6	0.000370186	0.5	0.1070696	1.2	0.000705005	0.6	0.3515877	0.9	0.4428523	1.1
204604_at	0.008616022	0.6	0.2503648	0.8	0.02031212	1.6	0.03004328	0.6	0.845439	1.0	0.05096006	0.6
212293_at	5.2679E-05	0.6	5.46791E-05	0.6	0.4558417	1.1	1.10506E-06	0.5	0.04098952	0.8	0.1367664	0.9
218366_x_at	0.002770432	0.6	0.000127497	0.5	0.2180779	1.2	0.002511261	0.5	0.2078333	0.8	0.7089709	0.9
222875_at	0.000158487	0.6	0.000749508	0.5	0.08109409	1.4	2.09476E-05	0.5	0.1437413	0.8	0.4692219	1.1
233173_x_at	0.00328839	0.6	0.008224846	0.5	0.01689484	1.5	2.02297E-06	0.5	0.04073973	0.7	0.4736055	1.1
226816_s_at	5.30497E-05	0.6	9.86362E-05	0.5	0.1612305	1.2	1.34165E-06	0.5	0.04753403	0.8	0.5626616	0.9
231920_s_at	0.000127267	0.6	0.006690841	0.5	0.8785511	1.0	0.004255292	0.5	0.4719085	0.9	0.6729767	0.9
242273_at	0.003741867	0.6	0.1420456	0.7	0.9986205	1.0	0.000441489	0.4	0.1454968	0.7	0.1627493	0.7
201913_s_at	6.87398E-06	0.6	0.000161805	0.5	0.4500828	1.1	2.02543E-06	0.4	0.004903204	0.7	0.02403531	0.7
221747_at	3.25614E-05	0.6	1.59901E-06	0.5	0.03957934	1.2	1.75274E-06	0.5	0.2116893	0.9	0.3907189	1.1
223217_s_at	0.00173626	0.6	6.79E-12	9.7	2.74E-13	16.0	9.54E-11	6.8	3.38E-12	11.3	0.01665324	0.7
235163_at	0.0021608	0.6	0.04920869	0.6	0.2462652	1.2	3.08399E-05	0.4	0.009801869	0.6	0.1050721	0.7
225405_at	6.24851E-07	0.6	5.13E-09	0.5	0.0219819	1.2	2.74911E-07	0.5	0.005061281	0.8	0.2611163	0.9
225001_at	0.007877589	0.6	0.001618416	0.5	0.5512265	1.1	0.000323191	0.5	0.02990017	0.8	0.04332088	0.8
227052_at	0.00020141	0.6	0.001761217	0.6	0.0311048	1.2	4.02595E-05	0.6	0.4103075	0.9	0.004156251	0.8
223095_at	0.002400909	0.6	0.002703107	0.6	0.2589267	1.2	0.002306047	0.5	0.5823657	0.9	0.122544	0.7
201214_s_at	6.17157E-05	0.6	5.83429E-05	0.6	0.4849969	1.1	0.000270256	0.4	0.05871067	0.7	0.1034054	0.7
224097_s_at	0.00214059	0.6	0.000536723	0.6	0.7966453	1.0	5.21316E-05	0.5	0.2220775	0.8	0.2636354	0.9
218883_s_at	0.000888164	0.6	1.65856E-06	3.5	6.32E-10	5.4	0.01423243	1.4	2.11767E-05	2.4	3.35655E-05	0.4
202416_at	2.14806E-05	0.6	0.01029014	0.7	0.5450264	1.1	4.70604E-07	0.5	0.07567385	0.8	0.02506274	0.8
211919_s_at	8.14413E-05	0.6	6.92803E-05	0.4	8.00308E-06	1.9	1.21414E-06	0.4	0.002840668	0.6	0.1014867	1.2
205823_at	0.000169089	0.6	1.89534E-06	0.4	0.02059745	1.4	1.14579E-06	0.5	0.03229805	0.8	0.4269069	1.1
201996_s_at	0.003166672	0.6	0.01485624	0.4	0.2605968	1.3	0.001666604	0.6	0.7689145	0.9	0.3722892	1.2
202909_at	0.002164902	0.6	1.91E-08	2.5	2.72E-10	4.1	0.1231282	1.2	6.07249E-06	2.0	8.02913E-07	0.5
209467_s_at	0.002024221	0.6	0.003158098	0.6	0.2614072	1.2	0.000232551	0.5	0.2737333	0.9	0.03688947	0.7

Figure 24-80

204152_s_at	0.000451598	0.6	0.02465154	0.5	0.00213681	1.5	7.09416E-06	0.5	0.03289918	0.8	0.2703125	1.1
209551_at	0.000689931	0.6	0.000519786	0.6	0.451076	1.1	0.000248372	0.5	0.2764085	0.9	0.103916	0.8
207194_s_at	0.01435814	0.6	4.59E-08	5.1	6.59E-09	6.5	4.36283E-05	2.4	9.32E-08	4.0	0.009842711	0.6
209295_at	9.65775E-07	0.6	0.0034449241	1.4	2.67E-10	2.4	0.3969972	0.9	1.21609E-05	1.6	1.41621E-05	0.7
223567_at	0.005654584	0.6	0.02620698	0.6	0.8124001	1.1	2.60577E-05	0.4	0.05423501	0.7	0.1364366	0.7
200867_at	6.30441E-05	0.6	0.00015075	0.6	0.09250629	1.2	9.73255E-07	0.5	0.07766122	0.8	0.796972	1.0
209201_x_at	6.97031E-05	0.6	1.3914E-05	0.3	1.17118E-06	2.1	3.02574E-07	0.3	0.000416197	0.6	0.1222128	1.2
211152_s_at	0.000792957	0.6	0.009215305	0.6	0.8256624	1.0	0.0139173	0.4	0.1991113	0.6	0.1774463	0.6
225148_at	0.000159877	0.6	1.97318E-06	0.3	0.000182751	1.9	1.29842E-07	0.4	0.001363196	0.6	0.2742878	1.2
209422_at	4.60115E-05	0.6	0.000934798	0.6	0.1863263	1.1	7.55322E-06	0.5	0.2391035	0.9	0.01454362	0.8
232524_x_at	0.000434636	0.6	1.74808E-05	0.5	0.5776886	1.1	2.4537E-05	0.5	0.1256245	0.8	0.2946315	0.9
207724_s_at	3.41137E-05	0.6	0.000112524	0.5	0.000121057	1.6	2.30E-09	0.4	0.000592204	0.7	0.4101797	1.1
229393_at	0.000135149	0.6	0.001028383	0.7	0.0479241	1.2	0.02539176	0.5	0.3696911	0.8	0.1450996	0.6
220939_s_at	4.72E-08	0.6	7.19618E-06	0.6	0.1040915	1.1	1.36E-11	0.4	7.13758E-05	0.7	0.000985034	0.8
223887_at	3.39568E-05	0.6	6.14E-08	2.7	6.39E-11	4.3	0.000485323	1.5	3.29E-09	2.4	4.4859E-05	0.6
1554827_a_at	0.00260635	0.6	0.06397744	0.7	0.9810012	1.0	0.003119671	0.4	0.1945352	0.7	0.2523682	0.7
203921_at	0.00104354	0.6	0.0144446	1.4	2.51295E-06	2.3	0.03197133	0.7	0.1833177	1.2	0.000112599	0.5
220992_s_at	0.000116203	0.6	1.94019E-05	0.6	0.7038907	1.0	2.27098E-07	0.4	0.002172455	0.6	0.000644428	0.6
215159_s_at	0.000195258	0.6	0.00841937	0.5	0.1393055	1.2	0.000112233	0.5	0.1120653	0.8	0.6900891	0.9
218950_at	0.000162974	0.6	4.03E-08	0.4	0.01386925	1.4	2.33955E-07	0.5	0.02866303	0.8	0.7163713	1.0
208979_at	9.29E-09	0.6	6.86E-10	0.5	0.01923854	1.2	1.09E-08	0.5	0.006943179	0.8	0.4691303	1.0
232213_at	0.000394902	0.6	3.28872E-05	2.7	3.35927E-07	3.6	0.05873891	1.3	5.80298E-05	2.2	0.007724295	0.6
220342_x_at	0.003172704	0.6	0.02989098	0.7	0.8875906	1.0	4.94394E-06	0.4	0.01324002	0.6	0.003695777	0.6
226175_at	1.88421E-05	0.6	0.006937828	0.5	0.1217951	1.4	3.2451E-06	0.3	0.001902852	0.6	0.4353908	0.8
239135_at	0.006232486	0.6	0.001019604	0.5	0.7765569	1.0	0.00092641	0.5	0.2924391	0.8	0.4557757	0.9
212920_at	1.11456E-05	0.6	0.001235234	0.6	0.2393229	1.2	2.46369E-06	0.4	0.004183273	0.7	0.1442624	0.8
1729_at	0.004044023	0.6	0.009359193	0.7	0.0312729	1.4	1.66227E-05	0.6	0.8978087	1.0	0.001869256	0.7
213227_at	0.000143697	0.6	6.35102E-07	0.5	0.7483093	1.0	0.000993813	0.5	0.2983767	0.8	0.3834412	0.9
219352_at	0.042665837	0.6	0.2580572	1.3	0.001443584	2.5	0.3308223	0.8	0.3100491	1.3	0.01764615	0.5
212681_at	1.93484E-05	0.6	0.01503322	1.3	8.50E-08	2.2	6.33301E-05	0.7	0.376443	1.1	1.66044E-07	0.5
229855_at	0.00077536	0.6	0.00041929	0.4	0.06759407	1.5	0.002590728	0.4	0.1950449	0.7	0.7401759	1.1
204950_at	1.56335E-05	0.6	1.76727E-06	0.5	0.001032145	1.4	1.03984E-07	0.5	0.01997294	0.8	0.3976662	1.1
219859_at	0.01277971	0.6	2.08939E-06	3.1	2.22E-08	5.5	0.005033209	1.6	1.74502E-05	2.7	9.45831E-07	0.5
217861_s_at	6.14965E-05	0.6	0.001660094	0.6	0.6756658	1.1	2.44394E-05	0.5	0.07234717	0.8	0.05067382	0.7
226168_at	0.0019734	0.6	0.000105473	0.5	0.4558805	1.1	0.00324053	0.5	0.5717382	0.9	0.9940028	1.0
211976_at	2.32985E-06	0.6	2.41826E-07	0.6	0.290457	1.1	1.15979E-07	0.5	0.1671402	0.9	0.01291936	0.8

Figure 24-81

223404_s_at	2.90263E-05	0.6	0.000107678	0.6	0.9025792	1.0	5.15352E-07	0.4	0.008030334	0.7	0.009767502	0.7
214663_at	0.001285788	0.6	0.001977163	0.3	0.006831586	2.4	0.000592849	0.3	0.02138681	0.5	0.610746	1.2
218915_at	0.000185675	0.6	0.001763245	0.5	0.7720835	1.1	3.94524E-05	0.5	0.09002678	0.8	0.2930143	0.8
223243_s_at	0.000749282	0.6	0.02895519	0.7	0.9382735	1.0	1.3681E-07	0.4	0.01825047	0.7	0.007040587	0.7
204858_s_at	6.44794E-06	0.6	0.01535363	0.7	0.03803863	1.3	3.44339E-05	0.5	0.2017668	0.9	0.00812631	0.7
229742_at	0.01515722	0.6	0.002610631	0.5	0.3199479	1.3	0.005270607	0.6	0.9651431	1.0	0.2990675	1.3
221808_at	5.46593E-05	0.6	0.5651454	0.9	0.01146737	1.3	7.96319E-06	0.5	0.04690006	0.8	0.000414149	0.6
212360_at	2.30959E-06	0.6	7.14156E-06	0.6	0.09955908	1.2	1.11605E-06	0.5	0.2334673	0.9	0.009824757	0.8
229908_s_at	0.01543674	0.6	0.004079393	0.5	0.8105258	1.0	0.003717029	0.5	0.4094745	0.8	0.4916761	0.9
1569257_at	0.009318491	0.6	0.000104882	0.4	0.5874923	1.1	2.59721E-05	0.5	0.2430354	0.8	0.4025754	0.9
203596_s_at	0.02224068	0.6	0.0221331	1.8	3.4933E-05	3.5	0.2390989	0.7	0.5533069	1.2	0.002413924	0.3
211133_x_at	2.1616E-05	0.6	0.002944356	0.6	0.3290227	1.2	3.95E-08	0.5	0.09481302	0.8	0.03814048	0.7
202083_s_at	1.28524E-05	0.6	2.34388E-07	0.5	0.8077137	1.0	1.53255E-06	0.5	0.09324072	0.9	0.1323085	0.9
213483_at	4.97742E-06	0.6	0.000973242	0.6	0.8133126	1.0	1.75485E-07	0.4	0.008561455	0.7	0.00403367	0.7
207540_s_at	2.60114E-07	0.6	0.000050783	0.6	0.5772353	1.1	9.19E-10	0.5	0.006961917	0.8	0.09769461	0.9
209085_x_at	0.01374484	0.6	0.000652655	0.5	0.1143288	1.4	1.94195E-06	0.5	0.3862016	0.8	0.2213442	1.2
235390_at	0.008654889	0.6	1.92727E-05	0.5	0.9802462	1.0	3.28085E-05	0.4	0.03975108	0.7	0.01218983	0.7
209748_at	0.000186504	0.6	3.9363E-06	0.4	0.000374861	1.7	4.70625E-07	0.4	0.000611471	0.6	0.8208176	1.0
204386_s_at	7.29098E-05	0.6	7.9058E-06	0.4	0.01979611	1.4	3.96697E-05	0.4	0.02056496	0.7	0.7130236	0.9
212747_at	0.000189525	0.6	0.000119279	0.5	0.2045115	1.2	0.000115853	0.5	0.3372881	0.9	0.04246985	0.8
200042_at	8.49E-08	0.6	3.23668E-05	0.6	0.7651948	1.0	3.57E-09	0.5	0.01761182	0.8	0.0110379	0.8
213913_s_at	0.1241495	0.6	0.004663515	2.9	0.000539886	4.1	0.2566883	1.2	0.03399091	2.1	5.68291E-05	0.5
205285_s_at	0.08390547	0.6	0.004704635	0.4	0.3506136	1.3	0.01796559	0.5	0.2366087	0.8	0.8972881	1.0
209880_s_at	0.002886483	0.6	0.3871165	0.7	0.6063059	1.1	2.63021E-05	0.4	0.01145151	0.6	0.03700556	0.6
224327_s_at	0.001869198	0.6	0.06543133	0.8	0.01310141	1.4	0.000688587	0.5	0.4535688	0.9	0.004179158	0.6
223032_x_at	2.85E-08	0.6	1.12825E-07	0.5	0.10698	1.1	3.59404E-07	0.4	0.002406427	0.7	0.06445442	0.8
227873_at	0.001167201	0.6	0.04298094	0.6	0.9691322	1.0	0.000440243	0.4	0.129847	0.7	0.2043995	0.7
226249_at	0.00292544	0.6	3.83961E-05	0.5	0.02907935	1.3	0.000129508	0.5	0.09457087	0.8	0.6019287	1.1
217862_at	5.73E-09	0.6	0.001629571	0.6	0.3042914	1.1	9.28E-08	0.5	0.02536814	0.8	0.2092953	0.9
226820_at	0.001197745	0.6	0.000179861	0.5	0.4970977	1.1	0.00050437	0.5	0.2735188	0.8	0.6270235	0.9
221654_s_at	5.08E-08	0.6	2.37E-08	0.4	0.000182857	1.5	4.02E-11	0.4	3.19664E-05	0.7	0.5725468	1.0
226895_at	0.000783653	0.6	1.71428E-07	0.5	0.7773222	1.0	0.000214749	0.5	0.4605321	0.9	0.5026667	0.9
230192_at	2.69051E-05	0.6	0.001949616	0.6	0.8202763	1.0	0.00013731	0.4	0.07066233	0.7	0.1049881	0.8
207968_s_at	0.005002926	0.6	0.003915518	0.6	0.8709908	1.0	0.000136375	0.5	0.38866	0.9	0.2891229	0.8
205922_at	0.02863085	0.6	0.000988513	0.4	0.2056507	1.4	0.001016102	0.4	0.1171011	0.7	0.8457457	1.0
1558871_at	0.07311784	0.6	0.146546	1.5	0.004756259	2.5	0.07183427	0.5	0.773881	0.9	0.00707433	0.4

Figure 24-82

208262_x_at	0.001128108	0.6	0.05312248	1.3	3.51704E-06	2.3	0.01334467	0.7	0.191406	1.2	4.58801E-05	0.5
206553_at	0.03494399	0.6	0.9378991	1.0	0.01487283	2.0	0.02113718	0.6	0.8050163	0.9	0.009105385	0.5
208912_s_at	0.000618816	0.6	0.006459016	0.6	0.06154843	1.3	0.000302921	0.5	0.3855016	0.9	0.01862437	0.7
209798_at	2.11403E-05	0.6	3.74236E-07	0.4	0.02412619	1.2	3.17E-08	0.4	0.000346572	0.7	0.2458522	0.9
203358_s_at	0.09856437	0.6	7.06193E-07	4.2	0.000119991	5.2	0.000238472	1.6	0.006742864	2.6	8.29731E-05	0.5
202852_s_at	0.000316813	0.6	0.01571226	0.7	0.7351004	1.0	0.000345292	0.3	0.0323895	0.6	0.03828429	0.6
202521_at	2.98E-08	0.6	4.57E-09	0.5	0.001298731	1.3	3.82E-09	0.4	5.46247E-05	0.6	0.03674557	0.8
218250_s_at	8.97504E-07	0.6	2.55159E-07	0.5	0.004591398	1.3	1.55255E-07	0.4	0.001156573	0.7	0.3453847	0.9
205140_at	0.000989908	0.6	0.000146122	0.4	0.005133063	1.6	5.68043E-06	0.3	0.002382974	0.6	0.6692616	0.9
218773_s_at	0.000249588	0.6	0.000162208	0.5	0.0402189	1.3	4.78482E-06	0.5	0.05234709	0.8	0.9733509	1.0
208763_s_at	3.25653E-05	0.6	1.50539E-06	0.4	1.6849E-06	1.7	7.81E-08	0.4	0.000799287	0.7	0.03159806	1.2
212421_at	0.001159849	0.6	0.000124904	0.6	0.8451003	1.0	7.3633E-05	0.5	0.2745525	0.9	0.1514205	0.9
234747_at	0.002290081	0.6	0.00967867	0.5	0.1236394	1.3	0.001162498	0.4	0.1284501	0.7	0.6332095	0.9
242961_x_at	0.009178642	0.6	0.6639624	1.1	7.14117E-05	2.4	0.2038006	0.8	0.07280131	1.3	0.003588638	0.5
225763_at	5.04775E-05	0.6	5.28883E-05	2.2	2.97676E-07	3.2	0.00407812	1.7	1.1221E-05	2.9	0.639432	0.9
223384_s_at	0.000472744	0.6	0.001350416	0.6	0.3782173	1.1	0.000409835	0.4	0.08603168	0.7	0.2676072	0.8
227425_at	0.000743218	0.6	0.237791	0.8	0.07270359	1.3	0.000155087	0.5	0.275795	0.8	0.00981629	0.7
211135_x_at	9.76988E-07	0.6	0.00858009	0.6	0.1210411	1.2	1.16465E-07	0.5	0.06302909	0.9	0.01390905	0.7
224696_s_at	0.001129318	0.6	0.003321446	0.5	0.881539	1.0	0.01180501	0.6	0.8130617	1.0	0.9369355	1.0
212802_s_at	5.25E-08	0.6	5.50822E-06	0.5	0.1553307	1.1	2.10E-09	0.5	0.003118205	0.8	0.1965589	0.9
229410_at	1.8742E-07	0.6	6.57272E-07	0.5	0.4067704	1.1	3.91833E-06	0.5	0.08798976	0.8	0.3041479	0.9
238622_at	0.000167606	0.6	2.33939E-06	0.3	0.000250854	2.3	2.97987E-07	0.3	0.000699531	0.6	0.1846121	1.3
210582_s_at	6.10681E-05	0.6	0.000729528	1.6	2.42E-08	2.7	0.150111	0.8	0.01557371	1.4	0.000139186	0.5
239525_at	0.00143552	0.6	0.004080079	0.4	0.06712786	1.3	0.000988284	0.4	0.06593904	0.6	0.436894	0.8
224873_s_at	0.000611463	0.6	0.000579348	0.5	0.9286991	1.0	0.000578247	0.5	0.3987908	0.9	0.5537776	0.9
223526_at	4.77718E-05	0.6	0.005258974	0.7	0.7836717	1.0	0.000105374	0.4	0.07151148	0.7	0.04532031	0.7
203376_at	2.16337E-06	0.6	5.36739E-06	0.5	0.009500687	1.3	8.02E-09	0.4	0.002628441	0.7	0.6529369	1.0
233177_s_at	0.004927019	0.6	0.005543103	0.6	0.9029935	1.0	0.000596089	0.5	0.2165139	0.8	0.2330985	0.8
200616_s_at	8.71884E-05	0.6	0.000115164	0.5	0.9604697	1.0	4.64E-08	0.5	0.03058098	0.8	0.0568112	0.8
212873_at	1.82918E-05	0.6	9.65864E-07	0.5	0.03049758	1.2	1.09111E-06	0.5	0.03794054	0.9	0.9938454	1.0
223110_at	9.41E-08	0.6	7.63E-08	0.6	0.5909626	1.0	1.51E-10	0.4	0.000432877	0.7	0.002081181	0.8
215501_s_at	1.03367E-05	0.6	0.006743797	0.6	0.002607554	1.3	0.000911572	0.6	0.3128903	1.1	0.003114797	1.4
217873_at	2.0383E-07	0.6	1.85485E-06	0.6	0.2097618	1.1	4.90E-08	0.5	0.008253856	0.8	0.07620084	0.9
226872_at	0.002210116	0.6	7.65246E-06	0.6	0.4494458	1.1	5.63795E-05	0.5	0.4753097	0.9	0.9513052	1.0
218628_at	0.000304027	0.6	0.00064903	0.6	0.6412279	1.1	1.84708E-05	0.5	0.2142587	0.8	0.06037504	0.8
227116_at	0.0008528	0.6	0.001079942	0.5	0.8481375	1.0	0.000121837	0.4	0.1090691	0.8	0.2134499	0.8

Figure 24-83

204217_s_at	0.01124876	0.6	0.08282999	0.7	0.0889986	1.5	0.007642532	0.4	0.1773376	0.6	0.02027296	0.4
222000_at	0.000368986	0.6	1.45301E-05	0.5	0.05708235	1.3	2.03787E-06	0.4	0.02185776	0.7	0.458197	0.9
218370_s_at	0.000104951	0.6	0.004049117	0.6	0.05562362	1.3	4.86284E-05	0.6	0.7142825	1.0	0.1096178	1.2
229232_at	3.31003E-05	0.6	0.000140885	0.5	0.3720992	1.1	4.83E-08	0.4	0.01090302	0.7	0.1508381	0.8
233333_x_at	0.000150687	0.6	0.000466535	0.6	0.1658982	1.2	1.23234E-05	0.6	0.6542125	1.0	0.2305426	1.1
222998_at	1.89562E-05	0.6	3.54282E-06	0.5	0.09936613	1.2	7.82E-09	0.4	0.00034095	0.7	0.02446375	0.8
228088_at	0.008847337	0.6	0.0168434	1.7	3.9579E-06	3.5	0.1683014	1.2	0.00010721	2.1	0.01131658	0.6
203089_s_at	0.01640573	0.6	0.01705968	0.4	0.1457794	1.6	0.000215656	0.4	0.2737575	0.8	0.468526	1.2
225585_at	6.6818E-05	0.6	3.33817E-05	0.5	0.03686144	1.2	2.93214E-06	0.5	0.1274222	0.8	0.5831335	1.1
202449_s_at	0.000611102	0.6	1.98495E-05	0.5	0.4378945	1.1	2.40928E-07	0.4	0.04574426	0.8	0.2175656	0.8
218030_at	0.001807952	0.6	0.001812593	0.6	0.3047068	1.2	0.000487986	0.5	0.5350535	0.9	0.115397	0.8
213550_s_at	0.01024289	0.6	0.02478025	0.6	0.6872036	1.1	0.000458575	0.5	0.2489026	0.8	0.405112	0.8
204639_at	0.002987198	0.6	0.000566438	1.9	7.07322E-07	3.2	0.4018641	0.9	0.02229026	1.5	3.142225E-05	0.5
218528_s_at	9.37E-08	0.6	3.63924E-07	0.5	0.1062234	1.1	6.64E-10	0.5	0.008628356	0.8	0.2017708	0.9
225841_at	1.25047E-05	0.6	2.32417E-05	0.6	0.690141	1.0	5.79952E-05	0.5	0.2569629	0.9	0.1730413	0.8
203149_at	1.46199E-05	0.6	0.1271287	0.8	0.000159851	1.6	2.16716E-06	0.5	0.1345655	0.9	1.95442E-05	0.5
226275_at	0.001271294	0.6	0.1433622	1.2	1.13523E-05	2.3	0.004067814	0.7	0.2120857	1.2	1.85353E-06	0.5
202184_s_at	0.00016542	0.6	4.59099E-05	0.6	0.7762842	1.0	3.79821E-06	0.4	0.06203224	0.8	0.0520352	0.8
217427_s_at	0.000401723	0.6	0.2178957	0.8	0.9310721	1.0	3.83844E-05	0.4	0.02946788	0.7	0.0507893	0.7
222396_at	0.000661028	0.6	0.000381086	0.5	0.664946	1.0	3.80584E-06	0.4	0.00844154	0.7	0.008610629	0.8
238044_at	0.04893253	0.6	7.87991E-05	0.3	0.9366775	1.0	0.02192811	0.5	0.4793533	0.8	0.4950591	0.8
223250_at	2.51342E-06	0.6	3.09287E-05	0.6	0.7624689	1.0	4.65957E-06	0.5	0.1010711	0.8	0.08622247	0.8
218061_at	0.000176771	0.6	0.003316051	0.6	0.8407555	1.0	0.000156822	0.5	0.1910182	0.8	0.2906855	0.8
224921_at	0.001275171	0.6	0.000115555	0.5	0.6439792	1.1	0.00107612	0.6	0.9872764	1.0	0.6209968	1.1
203595_s_at	0.03149908	0.6	0.02883181	1.9	8.72958E-05	3.8	0.1675101	0.7	0.6540688	1.1	0.001247318	0.3
218341_at	0.00100062	0.6	1.73728E-05	0.5	0.6357017	1.1	0.000169035	0.4	0.1177673	0.7	0.194097	0.8
202047_s_at	0.002916035	0.6	0.000215524	0.5	0.8980018	1.0	1.9542E-05	0.4	0.02585893	0.7	0.02069728	0.7
202051_s_at	7.29347E-07	0.6	1.00564E-05	0.6	0.2037937	1.1	4.82E-08	0.5	0.1049334	0.9	0.006385891	0.8
207677_s_at	0.001056883	0.6	0.003203125	0.6	0.5956078	1.1	0.001750465	0.6	0.4767586	1.1	0.8705595	1.0
209683_at	2.07369E-05	0.6	0.002805919	1.5	3.35E-08	2.5	0.03461656	0.8	0.007703267	1.4	2.38373E-05	0.5
1553581_s_at	5.99882E-05	0.6	9.6992E-05	0.4	0.04057134	1.3	3.36508E-05	0.4	0.02205062	0.7	0.4115372	0.9
229018_at	0.01436733	0.6	0.006592941	0.6	0.9379912	1.0	0.001720013	0.3	0.06623162	0.5	0.05993617	0.5
219862_s_at	0.003470903	0.6	0.00342393	0.5	0.9542895	1.0	1.70901E-05	0.5	0.4231435	0.9	0.447144	0.9
219459_at	7.03781E-06	0.6	1.78773E-05	0.6	0.9541937	1.0	0.004424133	0.4	0.1755255	0.7	0.1758915	0.7
218194_at	0.000181849	0.6	4.68359E-05	0.5	0.8446095	1.0	0.000131642	0.5	0.5778742	0.9	0.4195155	0.9
222622_at	0.001536348	0.6	1.42E-08	0.4	0.06400236	1.3	0.001958404	0.4	0.09655137	0.6	0.4201104	0.8

Figure 24-84

219035_s_at	8.75242E-07	0.6	7.79E-08	0.5	0.04406322	1.2	3.49E-10	0.4	0.000758796	0.7	0.02699686	0.8
40465_at	1.53044E-06	0.6	0.000141473	0.6	0.7356272	1.0	4.73056E-07	0.4	0.01259355	0.7	0.02834021	0.8
226715_at	3.47668E-06	0.6	1.74E-08	0.5	0.4609702	1.1	8.90824E-06	0.5	0.1935726	0.9	0.4162557	0.9
207966_s_at	0.000211021	0.6	1.19487E-06	0.5	0.2769327	1.1	7.66494E-07	0.5	0.02574261	0.8	0.1646089	0.9
223658_at	0.000636243	0.6	4.89486E-06	0.4	0.06827369	1.3	0.000659437	0.3	0.04660136	0.6	0.4073234	0.8
202815_s_at	0.000897884	0.6	9.91363E-06	0.5	0.5886404	1.1	3.88571E-05	0.5	0.1721664	0.8	0.301017	0.9
209141_at	2.69773E-07	0.6	1.06906E-07	0.4	6.62801E-05	1.3	4.16E-10	0.4	3.92069E-05	0.7	0.1366699	0.9
22273_at	0.000109329	0.6	0.000111103	0.5	0.3648248	1.1	0.00020829	0.5	0.4663632	0.9	0.8602531	1.0
227075_at	0.000760598	0.6	0.000410596	0.5	0.7253975	1.0	1.31105E-06	0.4	0.01172144	0.7	0.01481981	0.8
202906_s_at	0.000458849	0.6	5.34846E-06	5.3	2.22E-08	7.1	0.001579354	2.2	1.11045E-05	3.8	0.01776847	0.5
222478_at	1.83478E-05	0.6	7.25011E-05	0.6	0.8997231	1.0	5.51853E-07	0.5	0.01823289	0.8	0.0204622	0.8
218431_at	4.14E-08	0.6	5.25E-08	0.5	0.1409954	1.1	1.13E-11	0.4	9.17876E-06	0.7	0.001344295	0.8
227847_at	0.00076393	0.6	7.71975E-07	2.4	5.66E-09	3.8	0.9894099	1.0	0.00071637	1.7	2.42635E-06	0.5
239866_at	0.000147301	0.6	5.77027E-05	0.2	0.01620728	1.9	0.001808693	0.3	0.08002203	0.6	0.6417943	1.2
1554594_at	0.000887008	0.6	0.006045873	0.3	0.07172091	2.3	0.001588978	0.5	0.39555665	0.9	0.1474792	1.9
202163_s_at	9.58428E-05	0.6	2.83523E-06	0.5	0.2480367	1.1	1.08312E-06	0.4	0.04315574	0.8	0.1701455	0.9
201809_s_at	2.17E-09	0.6	0.000450452	0.6	0.2236338	1.1	6.20E-08	0.4	0.001423296	0.7	0.000368679	0.7
223576_at	0.000288713	0.6	0.09047572	0.8	0.939502	1.0	2.51646E-07	0.4	0.03667226	0.8	0.08480213	0.8
224765_at	2.44356E-05	0.6	1.61105E-06	0.5	0.05164495	1.2	9.09692E-07	0.5	0.1147891	0.8	0.9078701	1.0
225528_at	6.61644E-07	0.6	1.43698E-06	0.5	0.3983223	1.1	5.14E-08	0.5	0.2174624	0.9	0.6332534	1.0
221498_at	0.000972661	0.6	3.42E-08	0.5	0.7442755	1.0	2.92054E-05	0.5	0.5168858	0.9	0.6318865	1.0
40640_at	0.001123829	0.6	0.002207139	0.7	0.0682595	1.3	4.59524E-06	0.5	0.436968	0.9	0.001660003	0.7
224622_at	1.69076E-06	0.6	0.004666603	0.7	0.4352667	1.1	1.02389E-05	0.5	0.06912071	0.8	0.02349352	0.7
225923_at	0.00286109	0.6	0.000329356	0.5	0.3812638	1.2	0.008705019	0.3	0.1061191	0.5	0.2005758	0.6
218534_s_at	0.000392378	0.6	5.50539E-07	0.4	0.1027334	1.2	2.39319E-07	0.4	0.03608361	0.8	0.5681853	0.9
234050_at	0.003619158	0.6	0.007362969	1.5	1.00545E-05	2.9	0.9026216	1.0	0.005131624	1.8	0.003525029	0.6
212904_at	1.91491E-05	0.6	9.97E-08	0.5	0.05769911	1.2	4.50E-08	0.4	0.001097817	0.6	0.01317728	0.8
215936_s_at	0.0004994	0.6	0.03296218	0.6	0.9139223	1.0	3.52561E-05	0.5	0.08530924	0.8	0.05380122	0.9
217755_at	0.000175153	0.6	0.000222185	0.5	0.8161631	1.0	9.71192E-07	0.4	0.009648833	0.7	0.005484554	0.8
235241_at	0.000146326	0.6	3.11083E-05	0.6	0.2263657	1.1	0.000127406	0.5	0.2196065	0.8	0.05331501	0.8
224644_at	4.54E-08	0.6	1.09526E-05	0.5	0.06279351	1.1	1.93E-08	0.4	0.007301832	0.8	0.1294561	0.9
227880_s_at	0.004085205	0.6	0.09114071	0.6	0.9954198	1.0	0.005532975	0.4	0.3612649	0.8	0.4336165	0.8
223947_s_at	5.40044E-07	0.6	0.07870452	0.8	0.5343177	1.1	0.000135604	0.6	0.8775245	1.0	0.5517401	0.9
225095_at	0.000190063	0.6	1.74103E-06	0.5	0.1104559	1.2	9.74478E-06	0.4	0.04338941	0.7	0.3869511	0.9
204204_at	2.72482E-06	0.6	1.11789E-05	0.4	0.000476936	1.5	3.94E-08	0.4	0.004778305	0.7	0.5707931	1.1
225327_at	0.000143942	0.6	3.9384E-05	0.5	0.05270784	1.2	7.54504E-06	0.5	0.01652799	0.8	0.9252375	1.0

Figure 24-85

212231_at	1.18054E-06	0.6	9.26E-08	0.5	0.2185021	1.1	9.63E-10	0.4	0.00090669	0.7	0.01367384	0.8
206707_x_at	9.75379E-06	0.6	0.0004679	1.8	2.07253E-07	2.9	0.5716757	0.9	0.000189233	1.6	0.000554863	0.6
219628_at	0.003705537	0.6	2.79212E-06	0.4	0.2685911	1.2	0.00697806	0.5	0.4708996	0.8	0.9877514	1.0
223547_at	0.001579124	0.6	0.01642343	0.6	0.3116838	1.2	0.000563451	0.4	0.1562406	0.7	0.5517948	0.9
229770_at	6.821172E-06	0.6	2.82048E-07	0.5	0.3986425	1.1	5.46563E-07	0.4	0.03794134	0.8	0.1538221	0.9
224881_at	0.00011426	0.6	2.39883E-05	0.5	0.4844818	1.1	7.96007E-05	0.5	0.5849749	0.9	0.8977643	1.0
231822_at	5.52614E-07	0.6	0.04380081	0.5	0.000250801	1.5	1.17E-10	0.4	6.80114E-07	0.6	0.569551	1.0
202122_s_at	2.58298E-05	0.6	1.75646E-05	0.5	0.1863679	1.2	1.16E-08	0.4	0.01554544	0.8	0.227062	0.9
241742_at	0.003856408	0.6	0.00166691	0.4	0.2029664	1.4	0.000364038	0.4	0.09378555	0.7	0.9597071	1.0
215775_at	0.033283	0.6	0.01051435	2.3	6.94735E-05	3.3	0.03620497	0.6	0.7645299	1.1	4.72851E-05	0.3
227041_at	7.63864E-05	0.6	3.69829E-05	1.9	1.56E-09	3.3	0.1449823	1.2	1.34294E-05	2.1	0.00800404	0.6
217954_s_at	2.42005E-06	0.6	0.000204637	0.5	0.02887808	1.3	1.719E-07	0.5	0.02917871	0.8	0.627389	1.1
212608_s_at	0.00025495	0.6	4.17E-08	0.4	0.5225736	1.1	1.15739E-05	0.5	0.1343716	0.8	0.2107752	0.9
227678_at	0.00040725	0.6	0.000199195	0.5	0.3111083	1.2	0.001094508	0.5	0.7298529	0.9	0.543128	1.1
214791_at	0.00046063	0.6	0.000122852	0.5	0.4496519	1.1	0.003134285	0.3	0.08937904	0.6	0.1435354	0.6
218139_s_at	5.48938E-07	0.6	1.45E-08	0.4	0.009805922	1.3	1.68E-09	0.4	7.2448E-05	0.6	0.02937936	0.8
223000_s_at	0.001361625	0.6	8.90564E-05	0.5	0.7415497	1.0	0.000418835	0.5	0.4516963	0.9	0.2797509	0.9
202227_s_at	1.67341E-05	0.6	4.3496E-05	0.6	0.6762454	1.0	3.12758E-07	0.4	0.005678199	0.7	0.01448944	0.7
210312_s_at	1.67987E-07	0.6	2.09449E-06	0.4	0.01235838	1.4	7.43E-08	0.4	0.003414272	0.7	0.8724389	1.0
226910_at	9.02385E-05	0.6	1.21102E-05	0.5	0.1319394	1.2	1.13134E-06	0.5	0.04580868	0.8	0.6450818	1.0
202492_at	1.04544E-05	0.6	6.27736E-07	0.4	0.07953944	1.2	6.61E-09	0.4	0.002466483	0.7	0.2700194	0.9
210933_s_at	0.001870829	0.6	0.05758559	1.8	2.96807E-05	2.6	0.003423842	0.6	0.6273417	1.1	4.92902E-05	0.4
47773_at	1.36E-08	0.6	7.93E-08	0.7	3.76618E-07	1.4	1.11562E-06	0.5	0.4419874	0.9	9.8032E-05	0.7
226607_at	1.62594E-05	0.6	1.95289E-05	0.5	0.1885203	1.1	1.87618E-05	0.5	0.2351469	0.9	0.7852613	1.0
1555106_a_at	7.13047E-05	0.6	0.008813522	0.5	0.1076997	1.3	1.30363E-05	0.5	0.09575344	0.8	0.8590416	1.0
224893_at	3.86762E-05	0.6	7.0273E-06	0.5	0.5919141	1.1	1.81624E-05	0.4	0.02140968	0.7	0.03209685	0.7
229429_x_at	0.00025851	0.6	0.4646045	0.9	0.000269254	2.0	0.001774364	0.6	0.7046555	1.1	0.001111658	0.5
214383_x_at	1.09958E-05	0.6	0.000671586	0.5	0.1925801	1.2	9.61427E-05	0.5	0.1919419	0.8	0.9692327	1.0
227331_at	4.19306E-05	0.6	1.46686E-06	0.5	0.344923	1.1	1.03059E-05	0.5	0.1385216	0.8	0.4559014	0.9
203377_s_at	0.001265929	0.6	2.35395E-06	0.5	0.3875661	1.1	4.77907E-06	0.4	0.1249168	0.8	0.2939277	0.9
229342_at	0.00206476	0.6	2.9517E-05	0.5	0.2437119	1.2	1.97296E-06	0.4	0.05654877	0.7	0.2350967	0.9
236199_at	0.000888791	0.6	0.004779627	0.6	0.1796424	1.2	0.000512977	0.5	0.7528939	1.0	0.1074461	0.8
218028_at	7.66072E-07	0.6	1.23E-08	0.4	0.001885438	1.4	4.29E-09	0.3	1.85701E-05	0.6	0.100746	0.8
219806_s_at	2.21952E-05	0.6	4.25389E-05	1.9	4.22E-09	3.3	0.1667918	0.8	0.002230831	1.5	5.35172E-06	0.4
218841_at	0.000198531	0.6	1.21112E-07	0.4	0.1041051	1.2	8.83338E-06	0.4	0.0483937	0.8	0.5307013	0.9
212078_s_at	0.001452476	0.6	0.02194063	0.5	0.5119078	1.2	0.007385698	0.4	0.2851597	0.7	0.65065	0.9

Figure 24-86

51146_at	0.005136946	0.6	0.000188487	1.6	6.72475E-06	3.2	0.7678803	1.0	0.002909043	1.8	3.29476E-05	0.6
230292_at	0.01112668	0.6	7.021E-05	0.5	0.6166885	1.1	0.001100073	0.6	0.9582974	1.0	0.5588958	0.9
220882_at	0.4161389	0.6	4.73931E-05	23.3	9.73138E-06	34.9	0.000417495	13.1	5.13502E-05	23.2	0.3708247	0.7
223330_s_at	5.37035E-06	0.6	1.47776E-05	0.5	0.3009339	1.1	1.22594E-05	0.3	0.005461038	0.6	0.02982307	0.7
202630_at	0.000502805	0.6	0.000179655	0.5	0.8493302	1.0	0.00019334	0.4	0.07377214	0.7	0.09501167	0.7
219297_at	7.33568E-05	0.6	0.00015526	0.6	0.6277816	1.1	8.30541E-05	0.5	0.254791	0.9	0.1457374	0.8
202814_s_at	0.000743927	0.6	0.001503189	0.6	0.9777338	1.0	3.24314E-05	0.4	0.1576511	0.8	0.1657719	0.8
227627_at	0.000185261	0.6	1.91843E-06	0.5	0.2456486	1.1	8.45219E-05	0.5	0.5012059	0.9	0.7378272	1.0
216262_s_at	2.16881E-05	0.6	3.8713E-05	0.6	0.00326952	1.4	0.001777131	0.7	0.009752368	1.3	0.5084059	1.0
201697_s_at	1.90753E-05	0.6	0.003415187	0.6	0.6625071	1.1	7.40611E-06	0.5	0.1294815	0.8	0.09459472	0.8
201743_at	6.06168E-05	0.6	0.08379783	0.8	0.003480368	1.6	0.000542375	0.4	0.1550506	0.7	0.002029012	0.5
226026_at	0.00023422	0.6	0.002427589	0.6	0.6242459	1.1	5.80886E-05	0.5	0.3291385	0.9	0.1520877	0.8
213803_at	2.60759E-05	0.6	0.005863173	0.7	0.06245627	1.3	2.49253E-05	0.4	0.09407574	0.8	0.00595828	0.6
230966_at	0.000573611	0.6	0.3745741	0.9	7.48539E-05	1.7	0.001406218	0.5	0.6568199	0.9	0.001071198	0.5
228343_at	0.001792946	0.6	0.002060957	0.5	0.3946682	1.2	9.20706E-05	0.4	0.05970994	0.7	0.3579884	0.8
212045_at	0.000153781	0.6	0.000574655	0.5	0.3659345	1.2	3.55997E-07	0.4	0.0717836	0.8	0.5770237	0.9
234734_s_at	4.71072E-06	0.6	1.75377E-05	0.5	0.1996609	1.1	8.31E-08	0.4	0.005569244	0.7	0.1371883	0.8
212329_at	0.0363213	0.6	0.002297078	0.5	0.8968446	1.0	6.80345E-05	0.6	0.7114744	1.1	0.5187401	1.1
205926_at	0.000298894	0.6	0.01045931	0.7	0.9875095	1.0	0.000136706	0.5	0.2004793	0.8	0.2415694	0.8
205119_s_at	0.009924937	0.6	0.1130214	0.7	0.1345644	1.4	0.003730001	0.5	0.5758802	0.9	0.05153323	0.6
225108_at	4.15329E-06	0.6	0.000172301	0.6	0.9138846	1.0	8.07036E-06	0.4	0.04954229	0.8	0.03571047	0.8
226857_at	0.004724985	0.6	0.000425815	0.5	0.845978	1.0	0.01034089	0.7	0.3946157	1.2	0.2052395	1.2
229265_at	0.000765143	0.6	0.000470414	0.5	0.9607069	1.0	0.000557082	0.5	0.7732608	1.0	0.797875	1.0
212605_s_at	5.00566E-05	0.6	2.28524E-05	0.5	0.9031256	1.0	5.45588E-06	0.4	0.1040315	0.8	0.1452107	0.8
209879_at	0.000147292	0.6	9.33786E-06	0.4	0.05691015	1.3	8.58E-08	0.4	0.001541159	0.7	0.3338926	0.9
221938_x_at	0.00468319	0.6	0.001979961	0.5	0.9007671	1.0	0.001038329	0.5	0.9219381	1.0	0.9713028	1.0
53912_at	0.004120728	0.6	0.02229282	0.7	0.8991253	1.0	3.22799E-05	0.4	0.07112221	0.7	0.05825761	0.7
218277_s_at	1.95233E-06	0.6	0.001805544	0.7	0.00237123	1.3	2.13354E-05	0.5	0.5340649	0.9	0.005920008	0.7
222996_s_at	0.000549116	0.6	0.000195648	0.5	0.01848085	1.4	1.86969E-07	0.4	0.004105567	0.7	0.3781706	0.9
218026_at	1.6372E-05	0.6	5.02177E-06	0.5	0.002579956	1.3	2.27E-08	0.4	0.000237158	0.7	0.1423449	0.9
206133_at	0.009633212	0.6	0.3522663	0.8	0.06708164	1.5	0.00357713	0.5	0.4903016	0.9	0.02723311	0.6
223988_x_at	0.003481752	0.6	0.00052561	0.5	0.4834132	1.1	0.001046288	0.5	0.3703278	0.8	0.8044679	0.9
227854_at	0.002275566	0.6	0.000429481	0.5	0.6726484	1.1	1.19339E-05	0.3	0.01822515	0.6	0.04277116	0.6
224232_s_at	9.31545E-05	0.6	1.60198E-06	0.4	0.4070351	1.1	1.69365E-07	0.3	0.000382191	0.6	0.002477939	0.6
210053_at	4.68769E-06	0.6	1.42107E-06	0.4	0.06929281	1.3	0.000290799	0.3	0.02707388	0.6	0.1810437	0.7
204640_s_at	1.48869E-07	0.6	5.30023E-05	0.5	0.07021987	1.2	2.64E-09	0.4	0.000609345	0.7	0.128882	0.8

Figure 24-87

226011_at	0.000442227	0.6	1.88713E-05	0.4	0.006056887	1.5	7.16972E-07	0.4	0.05916104	0.8	0.1361176	1.2
35160_at	0.000498702	0.6	7.28819E-06	0.4	0.8490547	1.0	1.1413E-05	0.5	0.221262	0.9	0.3394294	0.9
1555461_at	0.001392168	0.6	0.00140639	0.4	0.04635369	1.7	0.001106455	0.2	0.01683995	0.4	0.2535421	0.6
221656_s_at	0.000155471	0.6	1.93126E-05	0.6	0.3661655	1.1	2.89553E-06	0.5	0.3891771	0.9	0.04680846	0.8
228670_at	0.00242373	0.6	1.16552E-05	0.4	0.1814898	1.3	1.37023E-05	0.4	0.02217051	0.6	0.233762	0.8
243495_s_at	0.001155299	0.6	0.01901273	0.6	0.8187262	1.0	0.002116332	0.4	0.1430107	0.7	0.1093232	0.7
216705_s_at	0.0129784	0.6	0.000705977	2.0	7.12927E-06	3.3	0.2756358	0.8	0.111439	1.4	0.000157869	0.4
233811_at	0.1082565	0.6	5.76117E-05	3.5	1.28412E-07	10.1	0.04040312	1.9	0.000158906	3.5	0.000130846	0.3
235276_at	0.005724213	0.6	0.3151537	0.8	0.06848399	1.5	0.001402931	0.5	0.423036	0.8	0.01706861	0.6
209479_at	8.721112E-06	0.6	1.66089E-06	0.5	0.410803	1.1	2.17031E-05	0.5	0.1303691	0.8	0.3517559	0.9
226133_s_at	3.2345E-06	0.6	0.008421832	1.6	9.91E-08	2.8	0.03306888	0.8	0.007131053	1.4	5.08529E-05	0.5
224701_at	0.001263717	0.6	0.2790874	0.8	0.0292832	1.4	0.001040226	0.5	0.4912343	0.9	0.01857844	0.6
232297_at	6.03877E-06	0.6	0.001490433	0.6	0.9086474	1.0	2.48668E-07	0.4	0.00850998	0.7	0.01388912	0.7
226337_at	0.000496352	0.6	0.004919736	0.6	0.960762	1.0	6.51544E-05	0.4	0.105119	0.7	0.08072393	0.7
202594_at	0.002252133	0.6	0.000626483	0.5	0.261803	1.2	0.000620441	0.5	0.4838695	0.9	0.7207574	1.1
244650_at	8.38808E-05	0.6	0.003487247	0.6	0.9300652	1.0	1.23679E-05	0.4	0.03394469	0.7	0.07042608	0.7
236614_at	0.000242765	0.6	0.05230209	0.7	0.02254589	1.5	0.01875372	0.8	0.00788214	1.4	0.7889718	1.0
58780_s_at	0.00011899	0.6	1.76041E-05	0.4	0.007847492	1.4	1.04593E-07	0.4	0.007709709	0.7	0.8448169	1.0
202239_at	9.92761E-05	0.6	0.000764206	0.6	0.1797134	1.1	9.80915E-06	0.5	0.3613182	0.9	0.01186324	0.8
211352_s_at	7.81733E-05	0.6	0.008170488	0.6	0.3293843	1.1	0.000115572	0.5	0.6270339	0.9	0.6774002	1.1
208381_s_at	0.000296009	0.6	0.1830767	1.2	1.04215E-05	2.1	0.004357151	0.7	0.1140277	1.2	8.14856E-05	0.6
227684_at	0.000425447	0.6	0.001683379	0.5	0.6457455	1.1	1.92579E-07	0.4	0.007406375	0.7	0.07531501	0.7
225231_at	5.85E-08	0.6	1.13E-09	0.3	6.16778E-05	1.6	2.33E-11	0.3	1.11301E-06	0.6	0.2779263	0.9
226005_at	5.55E-09	0.6	7.95E-08	0.5	0.3753173	1.1	4.18E-08	0.5	0.0245972	0.8	0.1616793	0.9
227319_at	8.89256E-05	0.6	0.000270575	0.5	0.4633956	1.1	1.24463E-06	0.5	0.2959476	0.9	0.9899501	1.0
221748_s_at	2.84929E-06	0.6	2.32929E-05	0.4	0.010691	1.5	3.89388E-07	0.5	0.1208176	0.9	0.1322131	1.2
202307_s_at	0.000350622	0.6	0.9025168	1.0	0.000852835	2.0	0.01537974	0.7	0.2776251	1.2	0.01293003	0.6
204761_at	0.000328822	0.6	0.005989689	0.6	0.3507957	1.2	0.000242993	0.4	0.08076518	0.7	0.01992024	0.6
206595_at	0.004168515	0.6	0.003939381	0.6	0.2888558	1.2	0.005284319	0.5	0.6971134	0.9	0.2024372	0.8
1559067_a_at	0.000577305	0.6	0.002552404	0.6	0.09337313	1.3	0.000761038	0.6	0.9342389	1.0	0.1099945	0.8
228460_at	0.000919981	0.6	0.000288871	0.6	0.2114957	1.2	7.15057E-06	0.5	0.7036829	0.9	0.04912905	0.8
229704_at	0.004797549	0.6	0.001882047	0.4	0.5461925	1.2	0.000241507	0.5	0.3932544	0.9	0.9584444	1.0
226177_at	8.03902E-07	0.6	2.06991E-06	0.5	0.2838488	1.1	5.03477E-06	0.4	0.007363421	0.7	0.05475847	0.7
227531_at	1.24554E-05	0.6	0.006602433	0.6	0.3916751	1.1	1.7386E-06	0.5	0.1729119	0.9	0.6912985	0.9
218624_s_at	3.13339E-05	0.6	7.56771E-05	0.5	0.2599384	1.2	1.52557E-07	0.4	0.005283586	0.7	0.1480834	0.8
204006_s_at	0.002021587	0.6	0.2990636	0.7	0.3854975	1.1	1.08296E-05	0.4	0.01116493	0.6	0.05037245	0.7

Figure 24-88

202086_at	0.01970772	0.6	0.8310619	1.1	0.00441653	2.1	0.06298035	0.6	0.7300329	1.1	0.01798293	0.5
227396_at	1.54219E-07	0.6	0.1554736	1.1	1.26E-09	2.0	0.000532857	0.7	0.000595225	1.3	6.25384E-06	0.6
1559502_s_at	1.61627E-05	0.6	3.79372E-07	0.3	8.60205E-05	2.3	9.70E-08	0.2	2.79661E-05	0.4	0.6282955	0.9
219129_s_at	0.000222173	0.6	1.54697E-07	0.4	0.003256564	1.5	0.00456145	0.2	0.062966339	0.4	0.3527957	0.7
209199_s_at	0.000144713	0.6	0.000357416	0.6	0.4519418	1.1	2.24672E-05	0.4	0.1807427	0.8	0.03914528	0.7
224973_at	0.002066028	0.6	0.07506247	0.6	0.156669	1.4	0.001133246	0.5	0.5188041	0.9	0.07276975	0.7
218205_s_at	4.46198E-05	0.6	0.000400288	0.5	0.2486989	1.1	1.88916E-05	0.5	0.6798752	1.0	0.1256559	0.8
227036_at	0.03829356	0.6	0.0361684	0.7	0.135558	1.5	0.006767057	0.7	0.5084263	1.2	0.1182886	0.8
232687_at	3.03096E-05	0.6	3.07666E-07	0.4	0.00654797	1.4	3.33E-08	0.3	0.00804075	0.6	0.1155127	0.8
1552667_a_at	0.00012173	0.6	7.82635E-05	0.4	0.007333798	1.5	2.27E-08	0.3	0.000558643	0.6	0.7158334	1.0
228920_at	0.002743886	0.6	0.00582828	0.6	0.4411838	1.2	4.3789E-05	0.4	0.2217307	0.8	0.5251255	0.9
205497_at	0.009658127	0.6	0.04078167	0.7	0.4368713	1.2	4.72861E-05	0.5	0.4474342	0.9	0.04737999	0.7
226000_at	1.67968E-06	0.6	3.36E-08	0.4	2.43111E-06	1.6	1.48E-09	0.4	0.00018724	0.7	0.3022724	1.1
219238_at	0.02307671	0.6	5.73942E-05	1.7	0.000273426	3.1	0.1203931	0.8	0.1317424	1.5	1.27873E-05	0.5
203457_at	0.000144217	0.6	0.000121482	0.5	0.4940996	1.1	4.96471E-05	0.5	0.7718698	1.0	0.2890391	0.9
229509_at	0.000148915	0.6	0.001927605	0.5	0.3610263	1.2	0.001019835	0.3	0.07297288	0.6	0.3228771	0.7
209018_s_at	1.50726E-06	0.6	0.0294159	0.7	0.9769684	1.0	1.0404E-07	0.5	0.01964631	0.8	0.04290995	0.8
201877_s_at	0.000918002	0.6	0.000104079	0.5	0.7096276	1.1	2.80004E-06	0.4	0.1663587	0.8	0.2442197	0.8
213006_at	0.01107018	0.6	0.000888788	0.4	0.05313784	1.4	0.000437306	0.4	0.1173912	0.7	0.7026783	1.1
201611_s_at	0.000455327	0.6	0.009711517	0.5	0.427692	1.2	0.000538357	0.5	0.494424	0.9	0.8038477	1.1
223218_s_at	0.000210994	0.6	1.98E-10	4.4	1.17E-10	8.2	6.97E-11	3.4	9.77E-11	6.2	0.002326101	0.8
228532_at	4.49149E-06	0.5	2.70052E-07	0.4	0.03033316	1.2	2.41996E-07	0.4	0.00550125	0.7	0.3618739	0.9
222769_at	0.008978448	0.5	0.0172808	0.7	0.03970246	1.5	0.0886144	0.7	0.4451497	1.2	0.2426694	0.8
205469_s_at	5.79245E-05	0.5	2.32434E-05	0.5	0.07659055	1.3	1.9962E-07	0.4	0.01045964	0.7	0.555192	0.9
205467_at	0.000027581	0.5	0.000604551	0.6	0.2864189	1.1	1.38557E-05	0.4	0.02947212	0.7	0.007124778	0.6
200028_s_at	5.65964E-05	0.5	4.41948E-05	0.6	0.5075852	1.1	3.18465E-07	0.4	0.04584358	0.8	0.005060654	0.7
202113_s_at	1.41332E-05	0.5	0.000237327	0.4	0.002448266	1.4	2.15E-08	0.4	0.002935533	0.7	0.985289	1.0
229814_at	0.01121501	0.5	0.001678136	1.8	4.42E-09	3.4	0.6183941	0.9	0.001470131	1.6	1.47571E-05	0.5
1558237_x_at	6.93689E-06	0.5	5.5169E-05	0.5	0.8538474	1.0	0.001171882	0.5	0.6956458	0.9	0.6234147	0.9
209142_s_at	1.09524E-05	0.5	1.67088E-06	0.5	0.02995299	1.3	2.17E-09	0.4	0.000654658	0.6	0.0504099	0.8
220252_x_at	5.47212E-05	0.5	3.43415E-05	0.5	0.2032482	1.2	2.42804E-05	0.4	0.04700813	0.7	0.004896583	0.6
208927_at	0.00023758	0.5	5.69874E-05	0.5	0.643745	1.1	1.48275E-07	0.4	0.0253798	0.7	0.02145378	0.8
224704_at	6.96E-08	0.5	4.01816E-07	0.5	0.4387363	1.1	8.82278E-07	0.4	0.05153415	0.8	0.1059379	0.9
212269_s_at	0.00068649	0.5	0.000805448	0.5	0.8187313	1.0	0.000812627	0.5	0.3360952	0.8	0.2869124	0.8
226797_at	0.000198393	0.5	2.36852E-06	0.4	0.002282249	1.6	6.4002E-06	0.4	0.07544751	0.8	0.1733503	1.2
219999_at	0.007452962	0.5	1.11065E-05	0.4	0.4687928	1.1	0.003863962	0.6	0.4792028	1.1	0.03777282	1.3

Figure 24-89

229705_at	0.001352554	0.5	0.00079162	0.6	0.01292536	1.4	0.01026057	0.6	0.3542553	1.2	0.1155541	0.8
212795_at	1.72093E-06	0.5	8.53343E-05	0.5	0.3143594	1.1	1.03877E-07	0.5	0.1042446	0.9	0.5761146	1.0
211594_s_at	0.01332743	0.5	0.004046469	0.5	0.5381669	1.2	0.0612972	0.7	0.3424114	1.2	0.1374746	1.5
235286_at	0.007337656	0.5	2.03048E-05	0.4	0.1295865	1.3	0.00322016	0.5	0.4232754	0.9	0.6109613	1.1
228617_at	0.005869358	0.5	0.5226548	0.9	0.004812799	1.9	0.008571025	0.5	0.7517412	0.9	0.007232213	0.5
221140_s_at	0.000630391	0.5	0.000258956	3.4	1.34E-08	4.6	0.1543144	1.3	8.88443E-05	2.3	0.000868546	0.5
210225_x_at	3.42747E-06	0.5	0.007900069	0.7	0.08120406	1.3	7.99481E-07	0.4	0.09060054	0.8	0.004694698	0.6
204227_s_at	1.8735E-05	0.5	6.42067E-06	0.5	0.3496343	1.1	2.56829E-07	0.5	0.2007824	0.9	0.5065743	0.9
227626_at	0.0001651	0.5	0.00015596	0.4	0.1020332	1.3	1.29136E-05	0.4	0.01372278	0.6	0.4228593	0.8
213758_at	0.000613424	0.5	1.76443E-05	0.5	0.1006982	1.3	0.000699798	0.4	0.1083542	0.7	0.5032996	0.9
225825_at	0.000193239	0.5	0.02441953	0.6	0.04165202	1.3	0.02244958	0.6	0.5890375	1.1	0.3525149	0.8
202390_s_at	0.000542577	0.5	0.156128	1.2	0.000100246	2.1	0.2646569	0.9	0.01163882	1.6	0.04814998	0.8
220023_at	1.5919E-05	0.5	2.18937E-05	0.6	0.242431	1.1	2.23283E-07	0.4	0.006432761	0.7	0.06690264	0.8
226298_at	1.02604E-05	0.5	5.52E-08	0.4	0.005411279	1.4	1.40051E-07	0.3	0.001203031	0.6	0.2303847	0.9
225490_at	2.42714E-05	0.5	0.000555975	0.6	0.1655443	1.2	6.66008E-07	0.5	0.954157	1.0	0.1239605	0.8
225350_s_at	0.000247011	0.5	9.23151E-07	0.4	0.1327509	1.1	7.89575E-07	0.4	0.00065743	0.6	0.008162264	0.7
218818_at	6.41124E-06	0.5	7.09448E-07	0.4	0.08010799	1.2	9.87E-08	0.4	0.004212392	0.7	0.2865419	0.9
218461_at	0.002625461	0.5	0.000331561	0.4	0.3441649	1.2	0.000251701	0.5	0.3165038	0.9	0.8613183	1.0
217943_s_at	1.73E-10	0.5	4.45E-09	0.4	5.19659E-05	1.4	1.27E-12	0.4	5.70941E-06	0.7	0.5600944	1.0
207112_s_at	0.02979654	0.5	2.56159E-05	0.5	0.9484716	1.0	0.02695024	0.6	0.7248075	1.1	0.6769722	1.1
226796_at	0.001405602	0.5	0.005658746	0.4	0.349908	1.3	0.000356353	0.5	0.9827628	1.0	0.3207808	1.3
202032_s_at	0.000134061	0.5	1.62984E-05	0.5	0.008416621	1.3	3.61613E-06	0.4	0.02463305	0.8	0.4345078	1.1
211100_x_at	2.13699E-07	0.5	0.000579475	0.6	0.286114	1.1	5.21E-09	0.4	0.006121861	0.8	0.1826515	0.9
238010_at	0.000774882	0.5	0.002951352	0.5	0.05567473	1.5	1.02248E-05	0.3	0.004870481	0.5	0.2140977	0.8
202164_s_at	1.27606E-07	0.5	0.00121211	0.5	0.007777353	1.3	1.56E-10	0.4	1.27451E-05	0.7	0.3460538	0.9
213733_at	8.41E-08	0.5	6.93138E-05	0.6	0.2593057	1.1	2.88E-09	0.4	0.000216475	0.8	0.000451801	0.8
222876_s_at	0.000101507	0.5	1.85467E-05	0.4	0.1707838	1.2	2.17744E-06	0.4	0.1301798	0.8	0.906725	1.0
232493_at	0.00016547	0.5	2.60007E-06	0.5	0.2138721	1.2	0.000151263	0.5	0.2628842	0.8	0.04996493	0.7
203761_at	0.004314972	0.5	0.02659402	1.4	3.62655E-05	2.6	0.01161027	0.6	0.9083234	1.0	0.00025822	0.4
229287_at	4.22133E-05	0.5	0.000147427	0.6	0.2254928	1.2	3.16159E-07	0.5	0.5281092	0.9	0.03271443	0.8
239024_at	1.59349E-05	0.5	0.000192293	0.5	0.3761956	1.1	2.32694E-06	0.4	0.02110086	0.7	0.09647842	0.8
1553955_at	0.00035064	0.5	4.70005E-05	0.5	0.910672	1.0	6.38463E-06	0.4	0.1333398	0.8	0.1686641	0.8
228416_at	0.01472304	0.5	0.000498278	2.2	1.72028E-07	3.9	0.4229662	1.2	0.0001728	2.2	6.8493E-05	0.5
218570_at	0.001318963	0.5	0.000497514	0.5	0.814913	1.0	2.66605E-05	0.3	0.03593848	0.6	0.01398826	0.6
235816_s_at	0.03595665	0.5	0.000193783	3.0	0.000229602	3.9	0.561235	1.1	0.028581	2.0	0.003930389	0.5
218767_at	0.000252572	0.5	0.000124585	0.4	0.1365141	1.3	2.08893E-06	0.4	0.1175869	0.8	0.8901491	1.0

Figure 24-90

203964_at	0.000146537	0.5	0.5832702	1.1	0.000117122	2.1	0.02989986	0.7	0.182336	1.3	0.01123255	0.6
219284_at	0.000451163	0.5	0.002072589	0.6	0.06938839	1.3	0.001296645	0.6	0.5448194	1.1	0.2053653	0.9
210892_s_at	0.000740178	0.5	0.06340092	0.6	0.9109587	1.0	0.000148931	0.5	0.4386646	0.9	0.5726118	0.9
22630_at	4.85346E-07	0.5	2.76448E-05	0.6	0.4635955	1.1	1.0651E-06	0.5	0.3924069	0.9	0.1518403	0.9
225053_at	1.04151E-05	0.5	7.85939E-07	0.4	0.04141759	1.3	7.459E-06	0.4	0.01716589	0.7	0.415993	0.9
202116_at	6.96508E-07	0.5	3.19957E-06	0.5	0.2897802	1.1	4.33E-08	0.4	0.001216133	0.7	0.0247032	0.7
330884E-07	3.30884E-07	0.5	0.1008259	0.8	0.000166883	1.6	2.32557E-05	0.6	0.7527236	1.0	0.001016597	0.6
1.50E-08	1.50E-08	0.5	2.03E-08	0.5	0.7008874	1.0	2.86E-10	0.5	0.02371631	0.9	0.04490955	0.9
3.59235E-06	3.59235E-06	0.5	0.000164602	0.6	0.6729262	1.0	8.01E-08	0.4	0.02764985	0.8	0.01412281	0.8
0.000325252	0.000325252	0.5	0.001649139	0.5	0.1911356	1.2	3.63836E-05	0.4	0.07519082	0.8	0.6387333	0.9
5.7265E-07	5.7265E-07	0.5	0.00075463	0.5	0.1415595	1.1	7.11698E-07	0.4	0.06791467	0.8	0.4284711	0.9
6.4702E-06	6.4702E-06	0.5	1.16038E-05	0.6	0.2442643	1.1	2.31262E-06	0.5	0.5005529	1.0	0.07830251	0.9
3.01496E-06	3.01496E-06	0.5	1.3041E-06	0.4	0.01589165	1.3	4.77E-08	0.4	0.009619583	0.7	0.8614741	1.0
0.005279058	0.005279058	0.5	0.07421266	0.7	0.8587463	1.0	0.000666635	0.7	0.2837334	1.2	0.3060339	1.2
9.41408E-06	9.41408E-06	0.5	0.04244804	0.6	0.7286484	1.1	0.000520079	0.4	0.2715592	0.8	0.2729084	0.8
0.002376475	0.002376475	0.5	7.97761E-05	0.6	0.9172409	1.0	2.75501E-05	0.5	0.4076838	0.9	0.1782086	0.8
7.83434E-06	7.83434E-06	0.5	3.38345E-05	0.5	0.01241327	1.3	6.55E-09	0.3	5.4266E-05	0.6	0.03451576	0.8
0.002356632	0.002356632	0.5	0.005464497	0.5	0.9316772	1.0	0.001507834	0.5	0.7955812	1.0	0.9639935	1.0
0.000171571	0.000171571	0.5	0.001250329	0.5	0.4953374	1.2	1.11471E-05	0.5	0.5399823	0.9	0.7929102	1.1
1.00334E-05	1.00334E-05	0.5	3.82416E-05	0.5	0.2354028	1.1	0.000455086	0.4	0.2492336	0.8	0.6050342	0.9
1.23261E-06	1.23261E-06	0.5	0.004451231	0.6	0.9694602	1.0	1.19307E-06	0.4	0.012022	0.7	0.01419117	0.7
7.50276E-07	7.50276E-07	0.5	4.52409E-06	0.5	0.3971429	1.1	3.95666E-07	0.4	0.0821188	0.8	0.2462662	0.9
0.000161986	0.000161986	0.5	1.74313E-06	0.4	0.1134739	1.2	5.00289E-06	0.4	0.02357309	0.7	0.2182392	0.8
0.000222649	0.000222649	0.5	3.05045E-06	0.5	0.4901772	1.1	1.36972E-07	0.4	0.0839851	0.8	0.12333	0.8
0.02830274	0.02830274	0.5	0.000480485	0.4	0.09698157	1.4	0.002707073	0.3	0.1068377	0.6	0.6583477	0.9
0.001214567	0.001214567	0.5	0.001067142	0.5	0.9435325	1.0	0.000122876	0.5	0.4216624	0.9	0.4958513	0.9
1.95E-08	1.95E-08	0.5	0.000177344	0.5	0.120445	1.1	8.50E-12	0.4	0.001267687	0.8	0.009422492	0.9
0.000340023	0.000340023	0.5	0.6629339	1.1	9.84219E-06	2.1	0.000143727	0.5	0.6171857	0.9	5.42993E-06	0.4
7.43E-10	7.43E-10	0.5	4.24201E-05	0.6	0.06808299	1.1	1.03E-08	0.5	0.2242889	0.9	0.008440393	0.8
0.000599249	0.000599249	0.5	2.44492E-05	2.0	1.87E-08	3.8	0.6570036	1.1	0.000197506	2.0	8.14814E-05	0.5
0.000186094	0.000186094	0.5	0.06025616	0.7	0.59254	1.1	5.46228E-05	0.5	0.4609934	0.9	0.2535596	0.8
0.001784086	0.001784086	0.5	0.000503946	0.5	0.2835954	1.2	0.002530177	0.5	0.9288638	1.0	0.324181	0.8
6.04783E-05	6.04783E-05	0.5	0.000811598	0.6	0.6632282	1.0	1.52685E-05	0.5	0.33611	0.9	0.21071	0.9
3.67846E-06	3.67846E-06	0.5	0.008920028	0.6	0.6748053	1.0	5.56E-08	0.3	0.000862927	0.6	0.002130076	0.6
2.02874E-05	2.02874E-05	0.5	0.11822	0.9	4.26576E-05	1.8	1.91802E-05	0.5	0.5520654	0.9	3.2803E-05	0.5
1.53668E-05	1.53668E-05	0.5	1.52346E-05	0.6	0.1076327	1.1	8.49615E-06	0.5	0.4977784	1.0	0.02953853	0.9

Figure 24-91

218014_at	5.78474E-06	0.5	2.46E-08	0.4	0.1396243	1.1	5.8813E-07	0.5	0.1084294	0.9	0.6952512	1.0
234295_at	0.008167453	0.5	0.000451375	0.5	0.6514437	1.1	2.45312E-05	0.4	0.1255925	0.7	0.1574831	0.8
203487_s_at	1.59953E-05	0.5	0.00865552	0.7	0.04055883	1.3	4.65475E-05	0.4	0.1990597	0.8	0.006581301	0.6
203451_at	1.70202E-05	0.5	5.12029E-05	0.5	0.977596	1.0	4.58279E-06	0.5	0.2316636	0.9	0.2673648	0.9
237104_at	0.01170901	0.5	0.006269817	0.5	0.4763767	1.2	0.03242564	0.5	0.9613231	1.0	0.5667121	0.9
223356_s_at	0.02967378	0.5	0.009184272	0.7	0.5425183	1.2	0.00013631	0.4	0.464466	0.8	0.05191061	0.7
1555945_s_at	4.45905E-05	0.5	0.00011133	0.5	0.9391437	1.0	6.97998E-06	0.5	0.2309626	0.8	0.2334413	0.9
207446_at	3.1962E-05	0.5	0.000186596	0.4	0.005797681	1.6	0.000145632	0.4	0.06543632	0.7	0.6899158	1.1
210878_s_at	6.19E-12	0.5	4.23677E-07	0.5	0.00032093	1.3	1.73E-11	0.4	0.000101057	0.8	0.9934222	1.0
223270_at	3.43583E-05	0.5	2.10271E-05	0.5	0.7053804	1.1	1.15714E-05	0.4	0.2022593	0.8	0.3953807	0.9
226652_at	5.53E-08	0.5	2.75E-08	0.4	0.002889725	1.3	4.77E-10	0.4	0.002963696	0.8	0.8898209	1.0
1553528_a_at	5.43012E-06	0.5	0.000262298	0.5	0.04726297	1.3	2.32E-08	0.3	0.000860491	0.6	0.1852657	0.8
201253_s_at	2.46461E-05	0.5	9.85152E-07	0.4	0.1912948	1.2	5.47073E-07	0.4	0.06214727	0.8	0.4222707	0.9
225224_at	0.001910527	0.5	5.13213E-06	0.4	0.4421112	1.1	0.000375529	0.5	0.5286062	0.9	0.8363461	1.0
223351_at	8.58273E-06	0.5	0.000263395	0.5	0.03950788	1.5	3.23812E-06	0.4	0.1586619	0.8	0.295715	1.2
227792_at	6.50624E-07	0.5	0.000734249	0.5	0.01760963	1.3	3.6E-07	0.4	0.005105338	0.7	0.2346304	0.9
221825_at	2.35161E-07	0.5	6.26274E-06	0.5	0.8007101	1.0	7.98219E-06	0.4	0.08888905	0.8	0.1056429	0.8
224974_at	0.001470366	0.5	0.000721427	0.6	0.4006747	1.1	1.46126E-05	0.5	0.3420509	0.9	0.02114381	0.8
74594_s_at	2.30981E-06	0.5	0.001281249	0.5	0.1530371	1.2	2.0542E-05	0.4	0.1968647	0.8	0.8404457	1.0
225234_at	4.00163E-05	0.5	6.36089E-06	0.4	0.05757292	1.4	3.80E-08	0.4	0.09126004	0.8	0.4760033	1.1
223980_s_at	0.002937699	0.5	0.03982065	0.6	0.09217107	1.4	0.002081983	0.5	0.7176511	0.9	0.06357659	0.7
202844_s_at	0.02496314	0.5	0.04700586	0.7	0.4774469	1.2	0.01541572	0.6	0.5766153	1.2	0.8687218	1.0
226032_at	3.12327E-07	0.5	2.43053E-06	0.4	0.001514728	1.2	2.70E-09	0.4	0.000836139	0.8	0.2099504	0.9
219988_s_at	7.04E-08	0.5	3.93444E-06	0.5	0.01125773	1.2	1.09E-09	0.4	0.002107475	0.7	0.1597723	0.9
218757_s_at	3.20839E-05	0.5	0.000662052	0.6	0.8284711	1.0	1.27E-08	0.4	0.08830599	0.8	0.02020304	0.8
209850_s_at	0.003753284	0.5	0.06632043	1.4	9.58344E-05	2.4	0.001429925	0.4	0.3902839	0.8	0.000119683	0.3
215038_s_at	1.61E-08	0.5	0.000904813	0.7	0.2318856	1.1	3.67E-11	0.5	0.05680056	0.9	0.004044214	0.8
204200_s_at	0.04369018	0.5	0.01910029	2.5	3.77418E-07	7.3	0.04141983	1.9	0.000117061	3.6	0.01879638	0.5
217827_s_at	5.23449E-07	0.5	1.54065E-05	0.6	0.1648231	1.1	1.04E-08	0.5	0.3063023	0.9	0.00982106	0.8
225205_at	1.69857E-07	0.5	3.28962E-06	0.6	0.04112882	1.2	2.79E-10	0.4	0.01195916	0.8	1.73447E-05	0.7
218252_at	0.000303967	0.5	0.000385521	0.5	0.8135558	1.0	4.52185E-06	0.3	0.007174768	0.6	0.00862428	0.6
209684_at	0.000753854	0.5	4.6479E-07	2.3	7.67E-08	4.3	0.2457901	1.1	0.000216655	2.1	2.07952E-06	0.5
224643_at	0.000553582	0.5	0.00316029	0.6	0.8259714	1.0	2.05545E-05	0.4	0.08632809	0.7	0.09275579	0.7
226861_at	3.25543E-07	0.5	0.000372319	0.6	0.5197883	1.1	2.37E-09	0.4	0.001141415	0.7	0.001802973	0.7
228531_at	0.001231142	0.5	0.01932169	0.6	0.1276712	1.4	0.000576473	0.4	0.3073919	0.8	0.02907411	0.6
228325_at	0.006384902	0.5	0.00067005	0.4	0.3919385	1.1	0.001775669	0.5	0.3707089	0.9	0.9875497	1.0

Figure 24-92

210706_s_at	0.000443918	0.5	0.006750663	0.6	0.9975103	1.0	6.58578E-05	0.5	0.2207858	0.9	0.2386796	0.9
226532_at	1.40487E-05	0.5	1.7652E-05	0.6	0.2914335	1.1	3.80874E-07	0.4	0.1331942	0.8	0.008646688	0.7
236345_at	2.51E-08	0.5	1.05842E-05	0.6	0.142367	1.1	8.52E-09	0.5	0.4543923	0.9	0.03957348	0.8
225618_at	0.000105	0.5	0.000390385	0.5	0.4182597	1.1	4.17344E-05	0.4	0.09155353	0.8	0.05196832	0.7
210891_s_at	6.95199E-06	0.5	0.000147205	0.6	0.02860667	1.2	1.04641E-06	0.5	0.09736244	0.9	0.000137603	0.8
219848_s_at	0.000366033	0.5	3.50736E-06	0.4	0.2058754	1.2	5.63134E-07	0.4	0.02080494	0.7	0.1747992	0.8
229812_at	0.000431731	0.5	0.003888267	0.6	0.8201396	1.0	0.00035968	0.5	0.4789843	0.9	0.3724091	0.8
202413_s_at	5.77E-09	0.5	1.01E-08	0.5	0.008235548	1.2	8.31E-12	0.4	7.12153E-05	0.7	0.02207637	0.9
209734_at	9.22E-09	0.5	3.66427E-05	0.6	0.9944659	1.0	7.95E-09	0.4	0.009264201	0.8	0.0326166	0.8
231878_at	3.23392E-06	0.5	3.51433E-05	0.4	0.1500861	1.3	0.000128206	0.3	0.03540979	0.6	0.3555436	0.8
212571_at	1.0484E-06	0.5	1.58376E-06	0.5	0.4447682	1.1	4.69074E-07	0.4	0.008593258	0.7	0.01918476	0.8
209130_at	4.03134E-05	0.5	0.007181213	0.7	0.06453677	1.3	4.3498E-05	0.5	0.5829835	0.9	0.03296995	0.7
227693_at	0.001300022	0.5	0.2648278	0.8	0.1244498	1.3	1.81589E-05	0.4	0.1757945	0.8	0.002805742	0.6
202414_at	2.12341E-06	0.5	5.18888E-05	0.5	0.9718803	1.0	3.21E-08	0.4	0.007657251	0.7	0.03748199	0.7
204249_s_at	4.05965E-07	0.5	7.04E-10	0.4	0.01689416	1.3	3.16E-08	0.3	0.000630602	0.7	0.05086233	0.8
210111_s_at	3.20015E-05	0.5	1.70613E-06	0.3	0.002779788	1.7	9.40808E-07	0.2	0.000306522	0.5	0.2499934	0.8
211042_x_at	0.01921245	0.5	0.000118207	0.6	0.2381598	1.3	0.001684862	0.4	0.3347368	0.7	0.02517876	0.6
202845_s_at	4.26413E-07	0.5	0.000466802	0.6	0.6717392	1.0	2.87434E-07	0.5	0.2357888	0.9	0.1205048	0.9
228662_at	1.44549E-07	0.5	3.04331E-07	0.5	0.5011865	1.1	7.39918E-06	0.4	0.1447513	0.8	0.0554448	0.8
227014_at	0.002089356	0.5	0.000585827	0.6	0.2030243	1.2	0.002667731	0.4	0.2467783	0.7	0.05191068	0.6
225930_at	0.01641253	0.5	0.806062	1.0	0.01523936	1.9	0.2920568	0.9	0.04507551	1.7	0.213977	0.9
218569_s_at	0.008806573	0.5	0.02086231	0.6	0.8933496	1.0	0.000847321	0.3	0.1084311	0.6	0.09875257	0.6
225982_at	3.8427E-05	0.5	0.000141827	0.5	0.4888181	1.1	4.8125E-06	0.5	0.9144953	1.0	0.4286947	0.9
223507_at	7.41691E-06	0.5	5.34E-09	0.4	0.04510394	1.2	4.10E-10	0.3	0.000560255	0.6	0.02055616	0.8
230383_x_at	0.001386311	0.5	0.4391668	1.1	0.000146705	2.2	0.003703018	0.5	0.8607918	1.0	0.000658687	0.4
217118_s_at	4.5826E-05	0.5	1.34678E-07	0.4	0.009124731	1.5	1.4617E-07	0.4	0.02406966	0.7	0.5370773	1.1
234988_at	3.64295E-05	0.5	0.001195115	0.4	0.3332781	1.2	1.34297E-05	0.5	0.2986943	0.9	0.8294423	1.0
233955_x_at	3.172E-05	0.5	1.90888E-05	0.4	0.000418559	1.6	2.12E-08	0.3	0.00017811	0.6	0.4792247	0.9
218514_at	8.95E-08	0.5	6.26E-09	0.5	0.04512927	1.2	4.09246E-07	0.4	0.004750928	0.7	0.1380466	0.9
203943_at	3.35E-08	0.5	1.80833E-06	0.6	0.04054921	1.2	3.60E-09	0.5	0.1352674	0.9	0.001751344	0.7
202348_s_at	3.43E-08	0.5	3.0445E-06	0.5	0.3910528	1.1	4.96E-11	0.4	3.9481E-05	0.7	0.000296718	0.7
224925_at	1.67809E-06	0.5	8.09281E-06	0.5	0.05904832	1.2	6.83834E-06	0.6	0.3011798	1.1	0.235304	0.9
244030_at	4.65839E-05	0.5	0.1281805	0.6	0.2519934	1.2	2.06192E-07	0.4	0.0188779	0.7	0.1486177	0.8
222028_at	1.53433E-06	0.5	4.639E-07	0.4	0.001459138	1.6	2.68495E-07	0.3	0.003231067	0.6	0.9443017	1.0
225918_at	3.72139E-07	0.5	2.91075E-05	0.5	0.8364648	1.0	1.24E-08	0.4	0.08743899	0.8	0.2348365	0.9
201109_s_at	0.06900927	0.5	0.002237485	2.8	2.23301E-05	4.9	0.6184595	0.9	0.1274216	1.6	0.000275579	0.3

Figure 24-93

213761_at	0.00856419	0.5	0.005966167	0.6	0.05535287	1.4	0.000641064	0.4	0.2531503	0.8	0.002525873	0.6
218519_at	5.34598E-07	0.5	0.000646595	0.6	0.3078028	1.1	3.8321E-07	0.5	0.1755564	0.9	0.02277565	0.8
218501_at	0.001736802	0.5	0.002316082	0.6	0.3977233	1.2	0.000930413	0.3	0.1115596	0.6	0.03936977	0.6
221937_at	1.80268E-07	0.5	3.92156E-07	0.4	0.002137617	1.3	2.18304E-07	0.4	0.009649445	0.7	0.6727417	1.0
201365_at	5.56295E-06	0.5	0.000131905	1.6	2.14E-09	3.2	0.1119755	0.9	0.000368257	1.6	4.83791E-06	0.5
222566_at	0.00020555	0.5	0.000143142	0.4	0.2340755	1.3	0.004102043	0.3	0.117124	0.6	0.3312404	0.7
207565_s_at	9.81554E-07	0.5	1.36763E-05	0.5	0.9431036	1.0	5.50E-08	0.4	0.03424796	0.8	0.07115723	0.8
218344_s_at	1.38492E-05	0.5	0.000318584	0.6	0.3375235	1.1	6.36509E-05	0.6	0.5604303	1.1	0.7455131	1.0
226265_at	2.75126E-05	0.5	4.09788E-06	0.4	0.06861164	1.3	1.55049E-07	0.4	0.06267447	0.8	0.726301	1.1
212476_at	9.38158E-06	0.5	9.90365E-05	0.5	0.3401119	1.1	1.07507E-06	0.5	0.2455846	0.9	0.04756004	0.8
228145_s_at	0.000435931	0.5	0.001036938	0.3	0.01860312	2.3	0.00046519	0.3	0.05188717	0.6	0.4880829	1.3
207625_s_at	0.02553429	0.5	0.01417042	0.5	0.9033512	1.0	0.004222242	0.3	0.1990992	0.6	0.2319774	0.6
218811_at	0.005223407	0.5	0.0412083	0.5	0.1997937	1.3	5.52004E-05	0.3	0.03821456	0.6	0.4184411	0.8
206500_s_at	0.003095599	0.5	0.001836767	0.4	0.1214456	1.4	0.000296735	0.4	0.1708165	0.8	0.7127481	1.1
213132_s_at	0.01015641	0.5	0.01170285	0.4	0.08344094	1.5	0.001331368	0.3	0.04792848	0.5	0.3196594	0.7
241827_at	2.27E-08	0.5	4.17116E-07	0.4	0.01509045	1.4	2.24913E-06	0.4	0.009928473	0.7	0.6027009	0.9
235509_at	3.74711E-06	0.5	0.0166972	1.4	1.58E-08	2.9	3.71597E-05	0.5	0.8959003	1.0	1.1692E-07	0.4
205480_s_at	1.76456E-06	0.5	0.0040477	1.5	3.25E-08	2.6	0.001932931	0.6	0.201752	1.2	2.66202E-05	0.5
214992_s_at	0.000189795	0.5	0.01031682	0.5	0.1721446	1.3	5.90009E-07	0.3	0.006523136	0.6	0.1221652	0.8
225214_at	2.07681E-06	0.5	8.56403E-06	0.4	0.0532415	1.3	3.04E-08	0.4	0.002910221	0.7	0.3575862	0.9
228282_at	0.000135119	0.5	0.00238585	0.5	0.7964462	1.1	1.05464E-05	0.5	0.432611	0.9	0.8167029	1.0
234574_at	0.000181532	0.5	3.68598E-06	0.3	0.009503437	1.6	9.99942E-05	0.4	0.285448	0.8	0.1300982	1.3
229595_at	5.31408E-07	0.5	4.46467E-06	0.5	0.5978425	1.1	8.70452E-06	0.5	0.3081956	0.9	0.5819368	0.9
203974_at	0.000364897	0.5	0.000579914	0.5	0.7027998	1.1	3.90613E-05	0.4	0.239708	0.8	0.4735832	0.9
225486_at	2.02E-08	0.5	1.27178E-05	0.6	0.01344914	1.3	0.000127763	0.5	0.9091861	1.0	0.07886326	0.8
219676_at	0.01931946	0.5	4.0834E-05	0.5	0.4584748	1.2	0.001427066	0.5	0.9787269	1.0	0.2671493	0.8
225010_at	0.001367469	0.5	0.000440757	0.5	0.3970307	1.2	0.000371626	0.5	0.5485745	0.9	0.8006792	1.1
202193_at	0.00014754	0.5	0.01844635	1.5	1.77538E-07	3.5	0.2559554	0.8	0.005906843	1.6	0.00018579	0.5
218132_s_at	3.7729E-05	0.5	9.3976E-05	0.5	0.5498118	1.1	5.96443E-06	0.4	0.1384527	0.8	0.3594984	0.9
230790_x_at	0.01054133	0.5	0.0326548	0.5	0.4886328	1.2	0.006743125	0.5	0.8933004	1.0	0.5254389	0.9
204346_s_at	0.001060417	0.5	0.000150494	0.5	0.602972	1.1	1.24181E-05	0.4	0.1275689	0.7	0.2044253	0.8
226056_at	3.492E-06	0.5	0.041598	0.9	1.04906E-06	1.9	4.56319E-05	0.6	0.04543795	1.2	8.18252E-07	0.6
213045_at	1.47449E-06	0.5	0.000299138	0.6	0.1108621	1.1	2.30E-08	0.4	0.005726053	0.8	0.000188245	0.7
202329_at	8.59E-09	0.5	2.5201E-05	0.5	0.02707066	1.2	1.78721E-07	0.4	0.04409604	0.8	0.001289871	0.7
238581_at	0.01139777	0.5	0.0164821	2.2	2.41468E-05	4.3	0.1668342	0.7	0.3845699	1.3	0.000870846	0.3
227580_s_at	5.73447E-05	0.5	7.59E-08	0.4	0.3508675	1.1	4.17108E-06	0.4	0.08535092	0.8	0.01108842	0.8

Figure 24-94

202349_at	2.71558E-07	0.5	1.47E-09	0.5	0.9373956	1.0	1.11E-08	0.4	0.001746572	0.7	0.001397475	0.7
211973_at	5.48403E-07	0.5	0.08836696	0.7	0.1749969	1.1	8.55E-09	0.5	0.3165528	0.9	0.01439384	0.8
210223_s_at	1.03631E-07	0.5	0.000486886	0.5	0.8072855	1.0	1.90E-10	0.4	0.001211733	0.7	0.001227523	0.8
214059_at	0.05825757	0.5	0.1365054	1.7	0.000337917	3.5	0.7579295	0.9	0.04160808	1.8	0.006175598	0.5
224708_at	2.46432E-07	0.5	2.17E-11	0.4	0.01809379	1.2	2.07E-08	0.3	0.000775356	0.6	0.02990448	0.8
34858_at	1.05971E-06	0.5	2.06693E-05	0.3	0.01647833	1.7	4.74061E-06	0.5	0.2662314	0.9	0.07688642	1.5
219424_at	0.06155484	0.5	4.58458E-05	10.5	9.54E-09	20.9	0.02729033	2.8	0.001068176	5.5	0.005793086	0.3
229313_at	0.02896897	0.5	0.000123487	6.1	5.68708E-07	9.3	4.77653E-06	3.2	6.74257E-06	6.1	0.01151137	0.7
204774_at	1.88703E-06	0.5	1.16397E-07	0.4	0.000689396	1.5	2.35827E-07	0.4	0.005497247	0.7	0.6325177	1.1
209203_s_at	4.61831E-06	0.5	0.0022079	0.5	0.4011347	1.1	3.67893E-07	0.5	0.5357022	0.9	0.6889948	1.0
223192_at	1.49871E-05	0.5	0.2153232	1.2	1.02945E-05	2.4	0.001711769	0.7	0.09700935	1.3	0.000364442	0.5
211795_s_at	0.007735673	0.5	0.01041982	0.5	0.742259	1.1	0.002238885	0.5	0.5589637	0.9	0.3356811	0.9
218168_s_at	0.003769227	0.5	0.000213502	0.4	0.7758297	1.1	0.003489389	0.4	0.6039205	0.9	0.7854285	0.9
45749_at	1.12322E-06	0.5	3.89174E-05	0.5	0.02553307	1.2	5.09281E-06	0.5	0.6547775	1.0	0.1357079	0.9
201185_at	1.28487E-05	0.5	5.77958E-05	0.5	0.7384062	1.0	3.18238E-06	0.4	0.09409021	0.8	0.08219296	0.8
203940_s_at	1.79392E-05	0.5	2.23879E-06	0.5	0.7371915	1.0	1.4179E-07	0.4	0.04043527	0.8	0.01608184	0.8
224706_at	7.45E-09	0.5	3.59429E-07	0.4	0.003951828	1.3	0.000221077	0.3	0.036236	0.6	0.3541411	0.8
229861_at	4.03188E-05	0.5	0.9991118	1.0	0.000121288	2.0	0.01819429	0.7	0.01291661	1.4	0.01883352	0.7
224924_at	0.00020634	0.5	0.001393865	0.6	0.2247441	1.2	9.16757E-05	0.5	0.7870101	1.0	0.2421487	0.9
228499_at	0.000411691	0.5	5.70E-09	0.2	2.73078E-05	2.2	1.5196E-07	0.3	0.001002964	0.6	0.09175089	1.3
202365_at	1.558E-05	0.5	3.76733E-07	0.4	0.08102161	1.3	3.91878E-07	0.4	0.0252819	0.7	0.5111528	0.9
204277_s_at	0.0118442	0.5	0.005989294	0.5	0.9967074	1.0	6.35918E-05	0.3	0.0763804	0.6	0.09810015	0.6
222683_at	8.12E-08	0.5	2.55E-08	0.5	0.5777396	1.0	4.25E-09	0.4	0.007112158	0.8	0.02453707	0.8
227889_at	0.000747683	0.5	0.01184545	0.6	0.2102708	1.2	6.49881E-05	0.4	0.4145235	0.9	0.02852572	0.7
219694_at	0.000771839	0.5	6.54118E-06	0.4	0.5211906	1.1	5.98E-08	0.3	0.007610211	0.6	0.01857909	0.7
229750_at	7.28596E-06	0.5	1.78522E-05	0.5	0.2003912	1.1	1.81707E-06	0.4	0.1294757	0.8	0.01864004	0.7
212760_at	4.98563E-05	0.5	0.000026453	0.4	0.2671509	1.1	3.82638E-06	0.4	0.08203796	0.8	0.3669786	0.9
218815_s_at	4.50719E-06	0.5	5.8356E-07	0.3	0.002143586	1.6	5.48389E-07	0.3	0.003557149	0.6	0.9871008	1.0
203185_at	1.47686E-07	0.5	1.85931E-06	0.6	0.3044731	1.1	3.26E-09	0.4	0.1414292	0.9	0.01496224	0.8
218684_at	4.30151E-06	0.5	0.07545837	0.8	0.000316028	1.6	1.66764E-05	0.5	0.8080966	1.0	0.000758037	0.6
226104_at	0.008450368	0.5	0.000399883	0.5	0.8356019	1.1	0.001487452	0.4	0.465918	0.8	0.2916566	0.8
226748_at	1.74485E-05	0.5	0.2329759	1.2	2.35428E-06	2.2	0.000139343	0.6	0.2831607	1.1	1.63623E-05	0.5
214699_x_at	1.13247E-06	0.5	1.04392E-05	0.5	0.06654945	1.2	9.35517E-07	0.4	0.1600038	0.9	0.6992345	1.0
205018_s_at	0.002840142	0.5	0.02396164	0.6	0.1835951	1.2	0.000306354	0.4	0.1929158	0.7	0.01485642	0.6
220367_s_at	8.57595E-07	0.5	0.006409561	0.6	0.07692831	1.2	1.72E-08	0.5	0.3017619	0.9	0.003753284	0.8
219457_s_at	1.65547E-05	0.5	0.03906915	0.7	0.1292803	1.2	1.33852E-06	0.5	0.3473857	0.9	0.0169512	0.7

Figure 24-95

226191_at	7.48366E-07	0.5	0.001065942	0.6	0.3991636	1.1	2.09254E-06	0.5	0.4717581	0.9	0.141353	0.8
229723_at	3.84173E-05	0.5	0.001185416	1.7	3.46E-09	3.4	0.4222427	1.1	3.85779E-05	2.2	0.006235824	0.6
238606_at	0.009509961	0.5	2.05407E-06	0.4	0.4166388	1.2	0.000485241	0.3	0.06941859	0.5	0.1406801	0.6
210549_s_at	0.03871024	0.5	7.97231E-07	5.6	9.64E-09	16.8	0.2066126	1.5	0.003195584	2.8	4.71239E-06	0.2
202561_at	4.61909E-07	0.5	0.000325909	0.6	0.1786237	1.2	3.60556E-05	0.6	0.2217713	1.1	0.7476603	1.0
226222_at	3.64216E-05	0.5	0.000473604	0.6	0.02208652	1.3	1.46542E-05	0.5	0.80695568	1.0	0.009367774	0.7
235086_at	0.1069238	0.5	0.008074463	3.2	1.00291E-05	6.4	0.6386104	0.8	0.2147429	1.6	0.000623118	0.3
212188_at	0.00011378	0.5	0.000145644	0.5	0.8801002	1.0	5.10816E-06	0.5	0.7964408	1.0	0.9676359	1.0
217980_s_at	3.75E-08	0.5	1.17218E-06	0.5	0.04124809	1.3	8.12E-09	0.3	0.001179493	0.7	0.2186638	0.9
204153_s_at	3.12233E-05	0.5	2.05144E-07	0.3	0.007664838	1.3	2.67567E-06	0.4	0.04015566	0.8	0.7641274	1.0
210548_at	0.1428718	0.5	0.00066665	7.5	9.91E-08	18.4	0.01477357	2.8	6.82022E-05	5.5	0.000130236	0.3
218231_at	0.000328662	0.5	0.005099715	0.6	0.4807756	1.1	6.73986E-05	0.4	0.3404302	0.9	0.1236709	0.8
226214_at	1.61587E-06	0.5	6.96544E-07	0.4	0.04151072	1.3	4.19897E-07	0.3	0.007288998	0.7	0.3683933	0.9
1569129_s_at	0.000122782	0.5	6.80466E-07	0.4	0.2552766	1.2	4.9977E-06	0.3	0.01414286	0.6	0.05647623	0.7
1565567_at	0.002623044	0.5	0.00016631	0.3	0.02860677	1.9	0.000169077	0.3	0.05120966	0.6	0.8182281	1.1
225278_at	1.30365E-05	0.5	0.006746962	0.6	0.1072616	1.2	9.21303E-07	0.4	0.02943782	0.7	0.002334802	0.6
239336_at	0.2368314	0.5	0.009251134	2.4	0.00620014	6.6	0.4500511	0.6	0.6854681	1.3	0.003479271	0.2
213261_at	0.04847816	0.5	0.04706876	0.7	0.2587701	1.4	0.000120436	0.4	0.6133214	0.8	0.004767526	0.6
218905_at	1.36942E-05	0.5	0.003568789	0.6	0.1317874	1.2	5.52489E-06	0.4	0.2762298	0.9	0.0229652	0.7
213916_at	0.001209921	0.5	0.007692846	0.5	0.6054322	1.2	0.006226551	0.4	0.6450704	0.9	0.9550565	1.0
218230_at	1.14882E-05	0.5	1.84268E-05	0.7	0.01055457	1.4	7.73729E-06	0.6	0.4805223	1.1	0.02575722	0.8
223240_at	1.48337E-05	0.5	0.03254905	0.6	0.02118151	1.4	0.00094919	0.5	0.9450487	1.0	0.07205376	0.7
243099_at	0.000177385	0.5	5.48195E-05	0.5	0.9669498	1.0	1.07842E-05	0.4	0.09670148	0.8	0.1657671	0.8
226247_at	4.85386E-06	0.5	0.3395826	0.9	2.68838E-05	1.8	0.000227801	0.6	0.4588625	1.1	0.001458204	0.6
202117_at	2.84E-08	0.5	7.21E-08	0.4	0.309186	1.1	1.38E-08	0.4	0.008795146	0.8	0.1023563	0.8
225661_at	6.9887E-07	0.5	0.002987255	0.7	0.003372537	1.3	9.52556E-07	0.5	0.8532291	1.0	0.004108003	0.8
218617_at	0.000119338	0.5	0.008692833	0.6	0.2338075	1.2	0.002445189	0.4	0.4047709	0.8	0.1271089	0.7
244808_at	0.000458172	0.5	2.88252E-05	2.6	2.45E-09	4.8	0.1127152	1.5	0.00024254	2.9	0.03611501	0.6
213817_at	0.000221405	0.5	0.5502181	0.9	0.000239353	1.9	0.005425495	0.7	0.07675066	1.3	0.00567148	0.7
202658_at	1.29E-08	0.5	6.27211E-07	0.5	0.05354018	1.2	2.57E-12	0.3	1.04737E-05	0.7	0.01436159	0.8
203231_s_at	0.003580606	0.5	0.04747234	0.6	0.8944492	1.0	0.03007328	0.3	0.2740403	0.5	0.2600434	0.5
212056_at	0.001015864	0.5	0.03531738	0.7	0.08702134	1.4	0.01919614	0.5	0.843756	1.1	0.2946008	0.8
235940_at	0.0000316	0.5	1.76984E-06	0.5	0.5305788	1.1	2.42E-09	0.4	0.0803064	0.8	0.246702	0.9
238896_at	6.78771E-05	0.5	0.02310728	0.8	0.000995978	1.7	1.54645E-05	0.5	0.8629028	1.0	0.000270991	0.6
203286_at	2.95384E-05	0.5	4.85E-08	0.4	0.7186763	1.0	9.24873E-06	0.5	0.336587	0.9	0.2112847	0.9
226691_at	1.31953E-05	0.5	1.02793E-05	0.6	0.01591702	1.3	0.000114776	0.5	0.6796795	1.0	0.08526532	0.8

Figure 24-96

203909_at	1.51257E-07	0.5	4.70694E-07	0.4	0.006153534	1.3	7.50E-10	0.3	0.000732713	0.7	0.3689622	0.9
205153_s_at	0.0374558	0.5	0.000599479	2.2	0.000217432	4.3	0.4690001	0.8	0.1591517	1.6	0.001621915	0.4
217977_at	3.06062E-05	0.5	2.55367E-05	0.3	0.009479979	1.9	0.000219108	0.3	0.06502448	0.6	0.4602838	1.2
210988_s_at	0.003702903	0.5	0.02653143	0.5	0.6576518	1.1	0.006731948	0.6	0.6779113	1.1	0.4226523	1.2
223162_s_at	3.29589E-07	0.5	0.000431638	0.7	0.005584881	1.3	1.03509E-06	0.5	0.6331733	1.0	0.007312424	0.8
202114_at	0.000609355	0.5	2.97E-08	0.3	0.00735869	1.5	2.58702E-06	0.3	0.005211091	0.6	0.656041	0.9
218130_at	8.0193E-05	0.5	1.53049E-07	0.4	0.2936485	1.1	0.000188182	0.3	0.0391654	0.6	0.09769841	0.7
210649_s_at	0.0005047	0.5	0.001984077	0.6	0.5994332	1.1	9.78643E-06	0.4	0.1415588	0.8	0.02698001	0.7
226601_at	1.00047E-06	0.5	0.2057744	1.2	9.47344E-07	2.1	0.003840357	0.7	0.000149377	1.5	0.001836118	0.7
208735_s_at	1.33E-08	0.5	3.66E-10	0.4	0.007793212	1.2	5.07E-11	0.4	0.000241416	0.7	0.1666104	0.9
211786_at	0.005819838	0.5	0.001493728	2.5	7.3366E-06	4.2	0.3051051	1.2	0.001526714	2.3	0.003783988	0.6
211230_s_at	0.000196029	0.5	0.2228833	0.6	0.2703519	1.2	1.34075E-05	0.4	0.1552895	0.8	0.01550158	0.7
209015_s_at	0.0004595	0.5	0.01060323	1.5	2.32505E-06	3.0	0.01460337	0.7	0.1640977	1.3	5.57299E-05	0.4
226219_at	1.61207E-07	0.5	5.64E-09	0.4	0.004853865	1.3	1.93E-10	0.4	0.001113238	0.7	0.5441864	0.9
225701_at	0.000394555	0.5	2.12859E-06	0.5	0.5272363	1.1	0.000100445	0.5	0.8571212	1.0	0.3113516	0.9
228189_at	3.1625E-07	0.5	1.80E-08	0.3	2.53372E-05	1.8	9.03E-10	0.3	3.98954E-05	0.6	0.8280656	1.0
209019_s_at	4.4069E-06	0.5	0.001671303	0.4	0.5808159	1.1	4.33376E-07	0.4	0.1824647	0.9	0.8015727	1.0
205796_at	0.001215207	0.5	0.003315519	0.6	0.5987903	1.1	0.008157703	0.3	0.2760135	0.7	0.1900941	0.6
235381_at	1.31409E-05	0.5	2.89736E-05	0.5	0.4929928	1.1	2.75477E-05	0.4	0.3569087	0.9	0.6486286	0.9
226113_at	6.29024E-05	0.5	0.01626759	0.7	0.03117017	1.4	0.03763224	0.4	0.6373731	0.8	0.1965917	0.6
234072_at	0.002805682	0.5	0.01068309	0.7	0.03049452	1.6	0.005208753	0.7	0.1153025	1.4	0.2246785	0.9
1553703_at	8.01319E-05	0.5	1.17E-08	0.3	0.03074052	1.4	2.63165E-07	0.3	0.007112094	0.6	0.2857811	0.9
212702_s_at	8.79E-08	0.5	3.52596E-05	0.5	0.1153484	1.2	1.30E-08	0.4	0.01817057	0.8	0.6736512	0.9
201108_s_at	0.05172811	0.5	0.001743667	3.2	1.76562E-05	5.4	0.5304458	0.8	0.1470562	1.6	0.000285734	0.3
216218_s_at	0.000303087	0.5	0.04116936	0.6	0.1203309	1.2	0.000167929	0.5	0.9594844	1.0	0.06176709	0.8
223184_s_at	0.000192314	0.5	8.07816E-06	0.6	0.3470418	1.1	3.01E-09	0.4	0.05311868	0.7	8.7967E-05	0.7
229264_at	0.04285958	0.5	0.001018424	2.6	0.000388846	4.4	0.03883016	1.3	0.008223583	2.6	0.000203023	0.6
217497_at	0.000119748	0.5	0.000711878	0.5	0.3999224	1.1	1.21077E-06	0.4	0.00477246	0.7	0.006113571	0.6
232304_at	0.03501486	0.5	0.002678537	2.0	0.000524298	3.9	0.1102177	1.3	0.007511016	2.6	0.04243015	0.7
204662_at	4.07122E-07	0.5	1.41256E-05	0.5	0.4748614	1.1	9.55674E-06	0.5	0.9557722	1.0	0.5074594	0.9
209864_at	1.36915E-06	0.5	5.15E-09	0.3	2.53427E-05	2.0	2.16202E-07	0.2	9.90713E-05	0.4	0.391201	0.9
223197_s_at	1.41341E-05	0.5	0.007292771	0.7	0.4406252	1.1	2.22598E-06	0.5	0.4719661	0.9	0.1258822	0.9
204549_at	1.14545E-05	0.5	0.004084338	0.7	0.01036267	1.5	1.15113E-05	0.5	0.5733624	1.1	0.01599072	0.7
228987_at	1.51907E-07	0.5	3.57063E-07	0.6	0.03349632	1.2	2.62649E-07	0.5	0.3263363	0.9	0.007322623	0.7
210786_s_at	0.000747305	0.5	0.0990925	0.6	0.8577336	1.0	0.002476731	0.5	0.4769596	1.1	0.4081064	1.1
222574_s_at	2.54868E-07	0.5	0.005546632	0.7	0.08901768	1.2	8.52E-09	0.4	0.1506882	0.9	0.002082469	0.7

Figure 24-97

203147_s_at	0.007157113	0.5	0.006744993	0.5	0.1300564	1.3	0.003248802	0.5	0.3842318	0.9	0.05121111	0.7
226624_at	0.01115447	0.5	0.4060782	0.9	0.09594718	1.5	0.004588726	0.6	0.3511868	1.3	0.2165164	0.8
207956_x_at	9.69522E-07	0.5	1.11935E-05	0.5	0.5714256	1.1	1.62408E-07	0.5	0.6320257	1.0	0.2664172	0.9
34408_at	1.56155E-05	0.5	0.08479137	0.7	0.005306985	1.6	2.32242E-06	0.5	0.355348	0.9	0.000931623	0.6
217993_s_at	5.40202E-07	0.5	2.61323E-06	0.6	0.2617428	1.1	7.08E-08	0.4	0.05456388	0.8	0.003754938	0.7
226059_at	0.0126972	0.5	0.01977834	0.5	0.9846578	1.0	0.003205903	0.3	0.1891247	0.6	0.1987244	0.6
208988_at	7.00E-08	0.5	5.93088E-05	0.5	0.5464516	1.1	4.03E-09	0.4	0.08073173	0.8	0.01434739	0.8
1553704_x_at	2.27878E-05	0.5	4.10E-08	0.4	0.03644437	1.3	1.01524E-05	0.3	0.006862547	0.5	0.1037934	0.7
204972_at	0.005700551	0.5	0.817718	1.1	0.001766762	2.5	0.03672854	0.6	0.6703792	1.1	0.01082276	0.5
226387_at	6.80462E-06	0.5	9.76933E-06	0.6	0.3225297	1.1	3.07E-08	0.4	0.0196721	0.7	0.06081634	0.8
211063_s_at	3.14633E-07	0.5	0.001598309	0.6	0.08580966	1.2	4.41401E-07	0.4	0.1644082	0.8	0.006647094	0.7
226057_at	0.000333618	0.5	0.7733416	0.9	0.02466387	1.4	0.000366685	0.4	0.5744725	0.9	0.01365475	0.6
237867_s_at	0.007664334	0.5	0.03496748	0.6	0.398336	1.2	0.007793141	0.3	0.3188422	0.7	0.1164358	0.6
213542_at	1.27178E-05	0.5	8.21057E-05	0.5	0.9652297	1.0	1.92134E-06	0.3	0.02497654	0.7	0.05206423	0.7
203306_s_at	6.63407E-05	0.5	8.62015E-07	0.4	0.0804895	1.3	5.29156E-07	0.4	0.1647563	0.8	0.5940284	1.1
208617_s_at	0.000174846	0.5	3.82107E-06	0.4	0.2252133	1.2	1.59731E-06	0.4	0.2410346	0.8	0.9536279	1.0
223215_s_at	1.7341E-06	0.5	5.1576E-07	0.3	0.001442217	1.4	1.29E-09	0.3	9.50912E-06	0.6	0.3229231	0.9
218648_at	1.17E-09	0.5	3.91288E-07	0.5	0.05220487	1.1	3.26E-10	0.4	0.129735	0.9	0.7983435	1.0
222426_at	6.7614E-05	0.5	0.02300321	0.7	0.09586484	1.4	4.61345E-05	0.4	0.4932493	0.9	0.0379497	0.7
220019_s_at	0.003711086	0.5	0.009123988	0.4	0.1989229	1.6	6.28076E-05	0.3	0.1365837	0.7	0.8602955	1.1
212899_at	8.76162E-06	0.5	3.97259E-05	0.5	0.8195024	1.0	1.76935E-06	0.4	0.1705145	0.9	0.1114562	0.9
36030_at	1.34E-08	0.5	2.30E-09	0.3	0.000272384	1.5	7.51E-10	0.3	0.000233818	0.7	0.9399025	1.0
214453_s_at	0.002368727	0.5	0.1283891	1.5	3.55049E-06	3.7	0.2591483	0.8	0.04269199	1.6	0.000966237	0.4
219244_s_at	0.01750728	0.5	0.02736006	0.7	0.1587089	1.5	0.03402768	0.7	0.1658321	1.5	0.9418104	1.0
231055_at	0.003353891	0.5	0.005926779	0.6	0.9823754	1.0	0.000181506	0.4	0.2131043	0.7	0.1588186	0.7
203526_s_at	0.000281247	0.5	0.1342704	0.8	0.12779	1.3	1.31766E-05	0.4	0.5304692	0.9	0.02051769	0.7
57163_at	7.78E-09	0.5	2.90E-09	0.3	1.78242E-05	1.6	1.35E-08	0.3	6.94149E-05	0.6	0.4021658	0.9
224900_at	1.86209E-05	0.5	4.10793E-06	0.5	0.5503852	1.1	2.90E-10	0.4	0.01203285	0.7	0.000627361	0.7
224311_s_at	3.62721E-07	0.5	0.2966283	0.7	0.1965231	1.1	3.53E-08	0.3	0.004983391	0.7	0.04838479	0.8
243271_at	0.01444087	0.5	0.2525175	1.5	0.000233756	3.1	0.9147177	1.0	0.004722674	2.0	0.08417789	0.6
1555705_a_at	4.32E-08	0.5	5.88891E-07	0.3	0.004537859	1.6	1.28E-10	0.3	3.46532E-05	0.6	0.9332051	1.0
202593_s_at	1.21691E-06	0.5	0.00158278	0.4	0.004140608	1.4	2.99E-10	0.3	0.000164259	0.6	0.07376627	0.8
225266_at	3.69966E-06	0.5	2.30649E-05	0.5	0.7697535	1.0	4.42107E-07	0.4	0.03017598	0.7	0.03826703	0.8
1554966_a_at	6.5408E-05	0.5	0.5095483	0.9	0.001837714	1.6	0.000286488	0.5	0.7583153	1.0	0.007266563	0.7
204831_at	6.18551E-05	0.5	0.001053991	0.5	0.8802336	1.0	3.97266E-05	0.5	0.6490364	0.9	0.5717481	0.9
213136_at	0.000144915	0.5	0.1462064	0.9	0.009184084	1.5	0.000341138	0.5	0.6853557	1.1	0.02218992	0.7

Figure 24-98

222793_at	0.000908702	0.5	0.3288192	1.3	3.48213E-05	2.7	0.03401642	0.7	0.1276269	1.3	0.001406816	0.5
212629_s_at	0.001050223	0.5	0.01914924	0.7	0.001420998	1.6	0.003948796	0.6	0.297314	1.2	0.002710501	0.7
202519_at	3.08618E-05	0.5	1.39745E-06	0.4	0.09810464	1.2	7.9875E-07	0.4	0.001239973	0.8	0.1984343	0.9
209200_at	2.51734E-05	0.5	1.14978E-06	0.5	0.882432	1.0	1.44561E-05	0.3	0.03214478	0.6	0.03281685	0.7
225669_at	1.76552E-06	0.5	0.000512563	0.6	0.1736481	1.1	2.40E-09	0.4	0.2956635	0.9	0.00146087	0.8
235751_s_at	0.002661071	0.5	3.5921E-05	0.3	0.20778	1.3	9.12307E-06	0.2	0.008431504	0.5	0.08216743	0.6
229885_at	4.19584E-06	0.5	0.001029096	0.6	0.2777418	1.1	4.93156E-07	0.4	0.08572446	0.8	0.008626333	0.7
228648_at	2.62079E-06	0.5	0.000830833	0.6	0.06521238	1.2	2.39595E-07	0.5	0.8398336	1.0	0.02158801	0.8
204860_s_at	0.007916114	0.5	0.001135612	0.4	0.6876228	1.1	0.02071971	0.6	0.3564648	1.2	0.2155942	1.3
213574_s_at	2.68455E-07	0.5	0.01438446	0.7	0.000758214	1.5	6.47E-08	0.4	0.2953629	0.9	8.36466E-05	0.6
227445_at	2.40456E-05	0.5	1.23722E-07	0.4	0.0341549	1.4	2.46E-08	0.3	0.01600977	0.7	0.7713379	1.0
1553117_a_at	0.000089535	0.5	0.4305989	0.8	0.1037376	1.2	4.90648E-06	0.4	0.2362822	0.9	0.0042057	0.7
203519_s_at	2.91913E-06	0.5	0.000208164	0.5	0.913466	1.0	4.39E-08	0.4	0.1074763	0.8	0.06936657	0.8
226068_at	2.61633E-07	0.5	6.57844E-07	0.5	0.8445176	1.0	6.98E-09	0.4	0.02219779	0.8	0.0533046	0.8
227131_at	0.000428434	0.5	8.46879E-07	0.4	0.675118	1.1	9.2972E-07	0.4	0.292423	0.8	0.4794951	0.9
213038_at	2.09032E-05	0.5	2.72647E-06	0.2	4.08E-09	3.9	0.4649109	1.1	2.22905E-05	2.3	0.001207736	0.6
200761_s_at	7.72E-08	0.5	7.18183E-06	0.5	0.805347	1.0	9.12E-09	0.4	0.005400373	0.7	0.00985462	0.7
221432_s_at	3.46956E-07	0.5	0.503621	1.1	5.35488E-05	2.1	0.000133305	0.4	0.2607042	0.8	0.000123505	0.4
211038_s_at	0.01713103	0.5	0.02657839	0.5	0.9246824	1.0	0.000168619	0.4	0.6631621	0.9	0.5883921	0.9
223501_at	0.000244258	0.5	7.6404E-05	0.5	0.8060284	1.0	2.07208E-06	0.3	0.03173436	0.7	0.04098125	0.7
226310_at	6.20298E-06	0.5	0.000170302	0.5	0.477409	1.1	4.31696E-06	0.5	0.7733638	1.0	0.3299704	0.9
1554479_a_at	0.000200468	0.5	0.000337785	0.5	0.5409165	1.1	1.06407E-06	0.4	0.1255171	0.8	0.2320938	0.9
203739_at	3.10E-08	0.5	0.3282834	0.9	3.73277E-05	1.7	4.65E-08	0.5	0.5711308	0.9	1.66567E-05	0.6
203514_at	0.000254898	0.5	0.000597073	0.4	0.7063686	1.1	1.12844E-05	0.4	0.1091695	0.8	0.2582704	0.8
212540_at	3.29164E-06	0.5	0.000362963	0.6	0.09240093	1.2	5.81315E-07	0.4	0.1087881	0.8	0.002860073	0.7
203232_s_at	0.00032252	0.5	0.03632394	0.7	0.08919697	1.3	0.000766835	0.5	0.8548777	1.0	0.08937129	0.7
201364_s_at	8.11365E-06	0.5	3.53186E-06	2.4	2.06E-10	4.5	0.6883167	0.9	0.000156927	2.0	8.20294E-06	0.4
225680_at	0.002175457	0.5	0.004335365	0.6	0.08102934	1.5	0.004264994	0.3	0.3265346	0.7	0.03416283	0.5
227937_at	1.97102E-05	0.5	0.3810122	0.9	2.68391E-07	2.0	0.004126381	0.6	0.2668343	1.2	0.00337684	0.6
225477_s_at	2.77E-09	0.5	0.00025607	0.6	0.3282911	1.1	1.68E-08	0.4	0.1165798	0.9	0.02644234	0.8
203525_s_at	0.02403567	0.5	0.003201547	0.5	0.8148117	1.1	2.19986E-05	0.5	0.8034519	1.1	0.9957611	1.0
226050_at	3.30702E-06	0.5	0.000673476	0.4	0.04269901	1.3	2.40659E-07	0.4	0.08470043	0.8	0.8604153	1.0
228980_at	1.89856E-06	0.5	0.7000161	1.0	4.36822E-07	2.2	0.00016522	0.7	0.006013473	1.4	2.57168E-05	0.6
205474_at	2.56971E-05	0.5	1.76927E-06	0.5	0.7279207	1.0	4.8756E-06	0.5	0.7073888	1.0	0.9522208	1.0
205749_at	0.0218954	0.5	0.01324469	0.3	0.1601418	2.0	0.01579218	0.4	0.6136657	0.8	0.3167072	1.7
228937_at	7.45176E-06	0.5	0.7792922	1.0	3.0305E-05	2.0	4.97007E-06	0.5	0.7537323	1.0	2.71775E-05	0.5

Figure 24-99

206247_at	0.003316322	0.5	0.002656879	0.6	0.08721739	1.3	0.003859027	0.5	0.890304	1.0	0.1026307	0.8
225956_at	0.001166481	0.5	8.48178E-05	0.3	0.06098953	1.2	0.000142258	0.4	0.08357741	0.8	0.8180408	1.0
212830_at	5.21386E-05	0.5	0.002477264	0.6	0.3183361	1.1	5.09718E-06	0.4	0.2592174	0.9	0.03427419	0.8
219209_at	0.000527134	0.5	0.002140876	1.8	1.0203E-07	4.1	0.8699785	1.0	0.001061407	2.0	0.0002379	0.5
213999_at	0.000262159	0.5	0.1277077	0.7	0.8166415	1.0	3.51015E-05	0.4	0.2713996	0.9	0.3982047	0.9
226215_s_at	1.5485E-06	0.5	3.21E-10	0.4	0.004283543	1.3	9.83E-09	0.3	0.000669307	0.7	0.2990033	0.9
212192_at	3.38327E-05	0.5	0.000167573	0.5	0.8204079	1.0	2.27569E-05	0.4	0.4137996	0.9	0.3215976	0.9
201564_s_at	4.21073E-06	0.5	0.01681899	1.4	4.68E-08	2.9	5.0809E-05	0.5	0.9292859	1.0	5.95685E-07	0.3
213309_at	1.1451E-06	0.5	0.000289067	0.5	0.1053764	1.2	1.58404E-05	0.5	0.2423265	1.1	0.6232603	0.9
1558142_at	6.97058E-06	0.5	0.000357516	0.5	0.4574111	1.1	4.39307E-05	0.4	0.3463515	0.9	0.1530198	0.8
60471_at	7.58E-08	0.5	0.03299718	0.7	0.007371955	1.4	5.67124E-07	0.5	0.6158986	0.9	0.004292169	0.7
207740_s_at	1.65551E-07	0.5	0.0720972	0.7	0.1066593	1.2	4.49E-08	0.4	0.1259828	0.9	0.008111615	0.7
226194_at	2.08124E-07	0.5	7.71E-11	0.3	0.000768132	1.4	6.46E-11	0.3	0.000163342	0.6	0.2747201	0.9
222407_s_at	6.42E-08	0.5	8.11E-08	0.4	0.09424831	1.2	1.39E-11	0.3	0.000493527	0.7	0.0147013	0.8
227599_at	0.000121642	0.5	0.01136007	0.7	0.014236	1.5	5.4552E-06	0.4	0.3403601	0.9	0.000855397	0.6
221755_at	0.000154315	0.5	0.1362086	0.8	0.004804295	1.6	0.001732237	0.5	0.5516679	1.1	0.03743844	0.7
212381_at	4.79216E-06	0.5	0.01549753	0.7	0.001351331	1.5	1.85154E-05	0.6	0.15935	1.2	0.007411802	0.8
226630_at	0.000263424	0.5	2.17958E-05	0.4	0.005716213	1.3	3.4455E-05	0.4	0.07714769	0.8	0.3061496	1.1
223335_at	4.47E-08	0.5	1.41614E-05	0.4	0.3366262	1.1	5.57E-09	0.4	0.008384995	0.7	0.06221673	0.8
203278_s_at	0.000618843	0.5	0.000639979	0.5	0.4468888	1.1	0.000412284	0.5	0.7108483	0.9	0.2688914	0.9
1552651_a_at	7.00703E-06	0.5	0.9359381	1.0	9.35921E-06	1.9	0.004617536	0.7	0.0268343	1.4	0.0111116	0.7
226119_at	0.00042001	0.5	0.000887712	0.5	0.4646867	1.1	0.00052788	0.5	0.9868643	1.0	0.5060166	0.9
225933_at	6.4715E-07	0.5	0.001157405	0.5	0.8875296	1.0	0.00052264	0.2	0.01821912	0.4	0.01748841	0.4
225527_at	5.01363E-05	0.5	0.002645555	0.6	0.1677854	1.3	0.000727191	0.4	0.4537641	0.8	0.08867723	0.7
232024_at	0.007931841	0.5	0.002886738	0.4	0.3670689	1.2	0.003585936	0.4	0.6833896	0.9	0.6484167	1.1
223179_at	9.60068E-05	0.5	0.000594681	0.5	0.4631964	1.1	6.30387E-05	0.5	0.913147	1.0	0.3520847	0.9
220326_s_at	8.36003E-06	0.5	0.00029798	0.3	0.04163712	1.6	0.000210389	0.3	0.05603255	0.6	0.9023517	1.0
204205_at	0.000491232	0.5	0.01649453	0.6	0.0698439	1.4	0.000100223	0.5	0.7221349	0.9	0.02265338	0.7
238733_at	0.002279632	0.5	0.000319922	0.5	0.6967688	1.1	0.001554881	0.6	0.3741441	1.2	0.4605142	1.1
209600_s_at	7.60265E-06	0.5	0.003578802	0.7	0.00299269	1.5	3.85E-08	0.5	0.9274382	1.0	0.000220708	0.7
223808_s_at	0.001095539	0.5	0.007339021	0.7	0.03851812	1.5	0.001958004	0.5	0.8498757	1.0	0.06037058	0.7
228416_at	0.001401585	0.5	9.17819E-05	0.4	0.1905112	1.3	0.000107786	0.3	0.05529586	0.6	0.4318159	0.8
213056_at	0.002465028	0.5	0.02091569	0.6	0.07472315	1.4	0.04625778	0.6	0.1082974	1.3	0.7967257	1.0
202283_at	0.00021182	0.5	0.06966643	0.7	0.00469978	1.5	0.00052666	0.5	0.5168148	1.1	0.1154092	0.7
207686_s_at	1.03579E-06	0.5	0.002646604	0.4	0.1615545	1.3	1.11539E-05	0.5	0.7285645	1.0	0.2917187	1.2
223342_at	0.000168418	0.5	0.000178464	0.5	0.2545291	1.2	3.3945E-05	0.4	0.3683438	0.9	0.05102643	0.8

Figure 24-100

205396_at	1.73974E-05	0.5	0.1941382	0.7	0.1231455	1.3	2.70031E-05	0.5	0.7984363	1.0	0.1662672	0.8
202155_s_at	3.09842E-06	0.5	2.54393E-06	0.4	0.2364393	1.1	1.1137E-06	0.5	0.5682375	1.0	0.4304586	1.1
212631_at	8.41505E-06	0.5	8.64E-08	0.4	0.09565706	1.2	5.88E-08	0.4	0.01614502	0.7	0.3823502	0.9
226500_at	7.679E-05	0.5	0.001313329	0.6	0.002048526	1.5	0.02194956	0.6	0.2473719	1.3	0.3004713	0.8
223502_s_at	6.30069E-05	0.5	1.60807E-05	0.4	0.2061533	1.2	3.65236E-07	0.3	0.001991768	0.5	0.0437845	0.7
226734_at	4.21081E-07	0.5	1.84116E-07	0.4	0.3789193	1.1	3.76E-08	0.3	0.000576095	0.6	0.003224664	0.6
201591_s_at	1.70249E-06	0.5	6.47625E-07	0.4	0.2848616	1.1	1.91E-08	0.4	0.001870754	0.7	0.08225736	0.8
226031_at	0.000143579	0.5	2.93278E-05	0.5	0.6936518	1.1	3.0607E-06	0.5	0.962503	1.0	0.5513433	0.9
1565544_at	0.05695341	0.5	0.05575705	1.5	0.005773933	3.1	0.2163369	1.3	0.01116466	2.8	0.6322358	0.9
227647_at	4.84901E-06	0.5	7.66E-08	0.3	0.004476441	1.6	5.94906E-07	0.4	0.3200651	0.9	0.02742961	1.4
228452_at	1.69466E-05	0.5	1.94862E-05	0.3	0.002553632	1.6	2.52719E-05	0.3	0.07557099	0.7	0.5058689	1.1
218988_at	2.22296E-05	0.5	1.12593E-05	0.5	0.6405452	1.1	6.57636E-06	0.5	0.9321901	1.0	0.5178621	1.1
1559051_s_at	5.27401E-05	0.5	0.08720753	0.8	0.004836043	1.6	1.82839E-06	0.5	0.5653773	1.1	0.001705154	0.7
242714_at	6.2119E-07	0.5	7.21026E-05	0.5	0.9356695	1.0	1.41E-08	0.4	0.005035348	0.7	0.01914179	0.8
225828_at	1.44252E-05	0.5	0.1206364	0.6	0.5192806	1.1	8.64E-09	0.3	0.000706664	1.3	0.00011117	0.5
204682_at	4.8138E-05	0.5	0.002234261	0.7	0.001338511	1.7	0.003048562	0.6	0.05659451	0.6	0.09141032	0.8
204276_at	4.80402E-06	0.5	0.000352096	0.4	0.297375	1.2	3.03021E-06	0.4	0.563783	0.9	0.5176561	1.1
225530_at	3.97604E-06	0.5	7.35844E-05	0.4	0.2490051	1.2	1.51996E-07	0.3	0.001364201	0.6	0.06451378	0.7
227811_at	4.33783E-07	0.5	0.000450348	0.5	0.2772322	1.1	3.50239E-06	0.4	0.572749	0.9	0.1737524	0.8
212513_s_at	8.03E-09	0.5	6.57663E-06	0.5	0.5621179	1.0	3.66E-11	0.4	0.04014693	0.9	0.002340348	0.8
238642_at	0.000128615	0.5	0.003637929	0.4	0.5512465	1.2	2.50014E-05	0.4	0.5332521	0.9	0.7481036	1.1
212616_at	1.42761E-06	0.5	3.45332E-06	0.5	0.6792223	1.0	1.87098E-07	0.4	0.04506264	0.9	0.09644038	0.8
209269_s_at	1.22831E-06	0.5	0.01942002	0.6	0.7269388	1.0	6.43E-08	0.4	0.01948708	0.8	0.01187539	0.7
227266_s_at	0.000401838	0.5	0.001053557	0.5	0.6309577	1.1	0.000134975	0.4	0.3361591	0.9	0.5541077	0.9
204725_s_at	1.12898E-07	0.5	0.02630287	0.7	0.03290591	1.2	7.87517E-07	0.4	0.5370789	0.9	0.02198557	0.8
222806_s_at	0.000143037	0.5	8.08883E-05	0.5	0.6115802	1.1	2.11628E-07	0.4	0.7021665	0.9	0.2862381	0.9
1552302_at	0.001995079	0.5	0.003381024	2.6	3.7808E-07	6.4	0.8542846	1.0	0.002038929	2.0	0.000188713	0.3
239300_at	4.60126E-06	0.5	9.41971E-06	0.5	0.632898	1.1	1.23588E-05	0.5	0.7498326	1.0	0.4529624	0.9
229934_at	0.000611473	0.5	0.000206452	0.4	0.3925648	1.2	0.001169698	0.5	0.4846872	1.1	0.1597448	1.4
226901_at	0.005311653	0.5	0.01648742	0.7	0.3263878	1.3	0.000385966	0.5	0.6416578	1.1	0.4430915	0.9
217122_s_at	8.51E-08	0.5	2.50814E-05	0.5	0.7232936	1.0	2.60E-09	0.4	0.01478519	0.8	0.003677693	0.8
209829_at	2.26846E-05	0.5	0.3677131	1.2	0.000132205	2.2	0.000186506	0.4	0.6030179	0.9	0.000279765	0.4
222623_s_at	3.62806E-06	0.5	7.05876E-06	0.5	0.1784027	1.2	2.85E-08	0.3	0.002127491	0.6	0.02070591	0.7
39891_at	2.01E-09	0.5	1.28921E-05	0.5	0.1092187	1.2	2.86E-11	0.4	0.001990377	0.8	0.000501117	0.6
217529_at	1.44584E-05	0.5	7.08713E-07	0.4	0.640738	1.1	9.35554E-07	0.3	0.0211181	0.7	0.04484664	0.7
226542_at	0.000111384	0.5	0.000251149	0.5	0.85524	1.0	2.97731E-05	0.4	0.2088383	0.9	0.1899964	0.9

Figure 24-101

208795_s_at	1.81927E-06	0.5	0.000363555	0.6	0.07479949	1.3	6.07251E-07	0.5	0.3229418	1.1	0.2288139	0.9
226495_at	1.53418E-05	0.5	1.5821E-05	0.4	0.5495548	1.1	5.59E-09	0.4	0.04651707	0.8	0.2347272	0.8
227288_at	0.000131227	0.5	1.44005E-05	0.4	0.8238844	1.0	0.001743785	0.3	0.2647616	0.7	0.2009189	0.7
211336_x_at	3.13503E-07	0.5	0.1012394	0.8	0.00238957	1.5	2.11332E-07	0.5	0.721393	1.0	0.002913492	0.7
212388_at	5.10457E-07	0.5	0.00276886	0.7	0.002011582	1.5	1.68388E-06	0.5	0.9950806	1.0	0.003123352	0.7
214541_s_at	0.01289438	0.5	0.03943515	1.3	0.001685494	2.9	0.2561225	0.8	0.1791379	1.6	0.03684595	0.6
228207_at	1.86378E-06	0.5	7.81148E-06	0.4	0.06198592	1.2	1.24E-08	0.3	0.000716048	0.7	0.06164385	0.8
1553141_at	1.8712E-05	0.5	0.9696932	1.0	0.000190482	1.9	3.40149E-06	0.5	0.9785653	1.0	4.29754E-05	0.5
220066_at	3.50122E-05	0.5	0.00000156	0.4	0.1526891	1.3	1.44611E-06	0.4	0.1426822	0.8	0.9178056	1.0
203825_at	0.00026861	0.5	0.000617988	0.4	0.9229295	1.0	5.8611E-05	0.3	0.111873	0.7	0.1559263	0.7
240287_at	0.02583883	0.5	2.39E-13	18.1	3.17E-08	29.2	2.03396E-06	5.3	6.65349E-07	11.4	0.000433263	0.4
226981_at	1.34E-08	0.5	0.00901256	0.6	0.08402523	1.2	1.92792E-07	0.4	0.6783652	1.0	0.0551306	0.8
212368_at	3.1022E-05	0.5	2.73153E-06	0.4	0.2031176	1.2	0.000227122	0.4	0.5628326	0.9	0.7440333	1.1
225313_at	9.82375E-06	0.5	0.000411294	0.4	0.2276754	1.2	1.90672E-05	0.3	0.05707303	0.7	0.3731779	0.8
225282_at	6.10142E-07	0.5	0.000120938	0.6	0.007334858	1.4	2.66653E-06	0.5	0.9703346	1.0	0.01033341	0.7
1552649_a_at	6.808E-06	0.5	0.6486411	1.1	0.000177941	1.8	0.004966784	0.6	0.05178657	1.4	0.06081394	0.7
224452_s_at	1.72602E-07	0.5	2.50823E-07	0.5	0.7162865	1.0	1.84E-09	0.4	0.0112226	0.8	0.002990811	0.8
211240_x_at	8.31E-08	0.5	0.002503765	0.7	0.000128709	1.6	2.24E-08	0.4	0.7447779	1.0	3.12897E-05	0.6
214544_s_at	1.06489E-05	0.5	0.2884729	0.7	0.1675131	1.2	5.4432E-07	0.4	0.1366354	0.8	0.0102523	0.7
207334_s_at	0.01230431	0.5	0.03744771	0.6	0.2880354	1.3	4.20303E-05	0.3	0.1271034	0.6	0.001919386	0.5
241346_at	0.02828049	0.5	0.01284466	0.5	0.3962848	1.3	0.000256546	0.4	0.4321433	0.8	0.03521863	0.6
1559201_a_at	1.49822E-05	0.5	1.85696E-06	0.4	0.7731459	1.0	4.43E-08	0.4	0.8317612	1.0	0.5465761	0.9
208121_s_at	5.31222E-05	0.5	0.000685177	0.6	0.5206438	1.1	0.004356266	0.4	0.6584898	0.9	0.4170261	0.8
226312_at	1.02863E-07	0.5	0.00017561	0.5	0.9787824	1.0	3.68E-08	0.4	0.2694454	0.9	0.2699328	0.9
224810_s_at	9.64E-08	0.5	3.56891E-06	0.6	0.0245102	1.2	2.11E-08	0.4	0.3118202	0.9	0.001836669	0.7
215838_at	0.000416914	0.5	0.09923045	0.7	0.005086018	1.7	0.000279921	0.4	0.7992506	1.0	0.00315896	0.6
205552_s_at	0.002566015	0.5	0.1994529	0.7	0.03306231	1.8	0.000497409	0.4	0.3371348	0.8	0.007005832	0.4
221866_at	6.87596E-06	0.5	0.000306396	0.3	0.1647322	1.5	0.000132846	0.3	0.1053035	0.7	0.962934	1.0
244415_at	0.0001446	0.5	0.04232938	1.5	1.97489E-06	3.2	0.1404408	1.3	1.47906E-05	2.7	0.2953746	0.8
219624_at	0.003593983	0.5	0.003253006	0.3	0.1621261	1.7	0.000143198	0.1	0.006476972	0.3	0.1725549	0.5
225135_at	6.12E-08	0.5	0.1447521	0.8	1.0238E-06	1.7	2.32735E-05	0.6	0.05270617	1.2	0.003238528	0.7
220987_s_at	5.50027E-06	0.5	5.41071E-06	0.5	0.5031788	1.1	3.07929E-07	0.4	0.1095624	0.8	0.367834	0.9
227227_at	0.000429424	0.5	0.000190966	0.4	0.7071877	1.1	0.000864949	0.4	0.3901094	0.8	0.5278389	0.9
219084_at	0.004453621	0.5	0.001009982	0.3	0.3645956	1.4	0.000733296	0.2	0.09940644	0.5	0.4503751	0.7
212697_at	1.10149E-07	0.5	9.09E-09	0.4	0.05794977	1.2	2.28E-11	0.3	0.001992598	0.7	0.2219338	0.9
232396_at	0.000443446	0.5	0.005906119	0.5	0.2374069	1.3	3.29039E-05	0.4	0.5060669	0.9	0.06559438	0.7

Figure 24-102

229394_s_at	3.43369E-05	0.5	0.000371183	0.4	0.832638	1.0	1.37455E-05	0.4	0.2746535	0.8	0.428307	0.9
209919_s_at	3.80796E-06	0.5	1.79791E-05	0.5	0.8271574	1.0	1.09E-08	0.4	0.1435749	0.8	0.06470306	0.8
213221_s_at	0.000258699	0.5	0.000974339	0.5	0.5487114	1.1	3.68925E-06	0.3	0.0792323	0.7	0.02337298	0.6
219878_s_at	3.30007E-05	0.5	2.46387E-06	0.4	0.03080991	1.5	0.000696072	0.2	0.04443943	0.5	0.2998415	0.7
208862_s_at	5.10E-08	0.5	0.007165558	0.7	6.53081E-05	1.6	2.15E-08	0.4	0.2299542	0.9	6.74278E-06	0.6
226170_at	2.07877E-07	0.5	0.000958174	0.8	5.25876E-05	1.6	2.30085E-06	0.4	0.8113439	1.0	0.000215087	0.6
207697_x_at	4.96E-08	0.5	0.05357503	0.7	0.005846283	1.6	1.53095E-06	0.4	0.1295886	0.8	0.000834619	0.5
219691_at	0.00100786	0.5	0.5599138	0.9	0.02282214	1.6	0.000455096	0.4	0.8554651	1.0	0.02916964	0.6
228495_at	0.007658872	0.5	2.7812E-05	0.4	0.8886778	1.0	5.04705E-05	0.5	0.9565841	1.0	0.8928059	1.0
204998_s_at	1.4333E-05	0.5	0.000250117	0.6	0.1554503	1.2	4.02619E-06	0.4	0.1512536	0.8	0.009509299	0.6
202395_at	2.89886E-06	0.5	1.39526E-05	0.5	0.2741841	1.1	1.92708E-07	0.4	0.3050002	0.9	0.02399808	0.8
37384_at	1.94651E-06	0.5	0.004060155	0.7	0.001561639	1.6	1.99867E-07	0.4	0.8096603	1.0	0.000416815	0.6
212615_at	4.24844E-06	0.5	0.000294311	0.5	0.09772485	1.3	8.55102E-07	0.4	0.2137667	0.9	0.01315021	0.7
227274_at	0.002501103	0.5	0.000890774	0.4	0.4609344	1.2	1.50386E-05	0.5	0.899466	1.0	0.3033561	1.3
204502_at	2.77301E-05	0.5	0.02950693	0.6	0.01478393	1.4	1.1331E-05	0.4	0.4492211	0.9	0.006346117	0.6
221692_s_at	0.000207818	0.5	0.007689944	0.4	0.1455309	1.5	5.14974E-05	0.2	0.01320807	0.5	0.3506594	0.7
203981_s_at	6.33543E-05	0.5	0.005946555	0.6	0.5993706	1.1	0.000161231	0.5	0.5952745	1.1	0.3121867	1.2
64064_at	2.52503E-05	0.5	0.08537053	1.2	6.58705E-06	2.4	0.1615366	0.9	0.000358645	1.9	0.03387278	0.8
1556698_a_at	5.78168E-05	0.5	1.16136E-06	0.4	0.02522948	1.4	3.20351E-05	0.4	0.2097645	0.8	0.5570877	1.1
215732_s_at	0.005151166	0.5	0.4091713	0.9	0.00706849	2.1	0.004840676	0.6	0.3900042	1.3	0.008693198	0.6
213501_at	8.94E-08	0.5	0.1960697	0.8	1.33459E-05	1.8	1.79672E-06	0.5	0.5935567	1.1	0.000159772	0.6
226080_at	1.83897E-05	0.5	0.001503497	0.5	0.1825464	1.1	1.0971E-05	0.4	0.4033112	0.9	0.01886449	0.9
213153_at	1.07E-08	0.5	2.0818E-06	0.4	0.9173838	1.0	5.05E-08	0.3	0.01872697	0.7	0.02208833	0.7
229670_at	0.000305184	0.5	0.6576839	0.9	0.000762872	2.0	0.009853182	0.6	0.0722285	1.4	0.02759	0.7
225332_at	1.62215E-05	0.5	1.54996E-05	0.4	0.1796525	1.2	8.75E-08	0.3	0.01068148	0.7	0.1957035	0.8
228124_at	0.02032767	0.5	0.001391321	0.4	0.9691245	1.0	0.001435431	0.4	0.8707788	0.9	0.7989257	0.9
210224_at	1.19251E-07	0.5	8.75176E-06	0.4	0.7288842	1.0	4.69E-08	0.3	0.007544772	0.7	0.02369525	0.7
212076_at	7.50653E-06	0.5	0.000972719	0.5	0.2906826	1.2	4.33537E-05	0.4	0.409966	0.9	0.1134881	0.7
225124_at	2.39206E-05	0.5	4.22E-08	0.3	0.084356	1.3	1.03945E-07	0.3	0.001299247	0.6	0.1633574	0.8
223182_s_at	6.81983E-06	0.5	7.50659E-06	0.4	0.76012	1.1	5.54947E-05	0.2	0.003986416	0.4	0.005951116	0.4
212897_at	0.003408782	0.5	0.01931704	0.5	0.3884002	1.2	0.000555476	0.4	0.7034213	0.9	0.1075864	0.8
226673_at	2.37283E-07	0.5	2.72E-08	0.3	0.02099488	1.3	1.63E-08	0.3	0.001939518	0.6	0.07796901	0.8
212632_at	1.02075E-05	0.4	1.68372E-07	0.4	0.1242011	1.2	4.19E-08	0.3	0.00360427	0.6	0.05746554	0.8
223434_at	0.1931424	0.4	0.001000138	4.9	0.001348733	10.7	0.08226058	2.3	0.02063731	5.0	0.1307755	0.5
204198_s_at	0.000287634	0.4	7.00518E-06	0.3	0.1215745	1.4	3.67772E-06	0.3	0.01956122	0.6	0.3593295	0.8
214949_at	3.62222E-07	0.4	1.62277E-07	0.4	0.1741758	1.2	8.92E-10	0.3	0.013674	0.7	0.2311843	0.9

Figure 24-103

219290_x_at	6.88726E-06	0.4	0.005955965	0.7	0.000236656	1.8	1.62335E-06	0.5	0.4509126	1.1	0.000128209	0.6
212774_at	2.26802E-07	0.4	0.00138546	0.6	0.05910912	1.2	1.02258E-06	0.3	0.07777904	0.8	0.003793241	0.6
212517_at	1.35411E-07	0.4	2.02502E-05	0.5	0.5160874	1.1	3.42705E-07	0.4	0.2781141	0.9	0.1465326	0.8
231227_at	0.001994296	0.4	0.01366236	2.0	2.28852E-05	3.8	0.1390539	0.7	0.05173818	1.6	0.001304976	0.4
222922_at	0.00082444	0.4	0.001209172	0.2	0.005145613	2.3	0.000419328	0.3	0.1243281	0.6	0.2813793	1.4
209721_s_at	3.68674E-07	0.4	6.99126E-07	0.3	0.008612276	1.6	1.93E-09	0.3	0.002225459	0.7	0.6507798	1.1
241968_at	0.003333457	0.4	0.000513243	0.6	0.315569	1.3	1.22214E-05	0.5	0.4461569	1.2	0.6075463	0.9
202944_at	4.05748E-06	0.4	4.23793E-07	0.4	0.9938648	1.0	1.17973E-07	0.3	0.08076643	0.8	0.06750243	0.8
1555643_s_at	0.000118848	0.4	0.5631163	0.9	0.001073022	1.8	0.0001618	0.4	0.9557127	1.0	0.00145309	0.6
213425_at	0.001769842	0.4	0.006532719	2.1	4.84755E-06	4.3	0.08159935	0.5	0.8197306	1.1	0.0033758	0.3
230640_at	2.26932E-06	0.4	5.90279E-05	0.5	0.007365082	1.4	7.87164E-07	0.4	0.4765158	0.9	0.001506887	0.7
226831_at	8.97395E-06	0.4	5.18368E-05	0.4	0.2977994	1.2	2.97451E-07	0.3	0.03528885	0.7	0.2900003	0.8
222605_at	2.76721E-07	0.4	2.09309E-05	0.5	0.2866167	1.1	2.28756E-07	0.4	0.7675114	1.0	0.4311264	1.1
209131_s_at	7.23585E-05	0.4	0.3619181	0.8	0.09110549	1.4	3.90954E-06	0.4	0.6707569	0.9	0.0261092	0.7
226484_at	0.000330135	0.4	0.000202607	0.3	0.3463953	1.3	5.48796E-05	0.3	0.06108885	0.6	0.3797083	0.8
208407_s_at	5.78944E-07	0.4	0.00013975	0.6	0.000991093	1.5	1.19E-08	0.4	0.67235	1.0	2.12675E-05	0.6
228153_at	0.000729134	0.4	0.000156892	2.5	1.57801E-07	5.6	0.1241076	1.3	1.55507E-05	2.9	3.81443E-06	0.5
230707_at	0.000304015	0.4	0.001795412	0.4	0.4567382	1.2	3.29443E-05	0.4	0.2350788	0.8	0.9500406	1.0
219563_at	2.28213E-07	0.4	2.03178E-06	0.4	0.8536699	1.0	2.93E-09	0.4	0.07103043	0.8	0.08487183	0.8
218641_at	2.89915E-06	0.4	0.000712916	0.6	0.09101791	1.2	5.42102E-06	0.5	0.5417838	1.1	0.2748345	0.9
202769_at	2.6467E-05	0.4	0.004337236	0.5	0.3453602	1.1	3.79837E-06	0.4	0.08412568	0.8	0.03264084	0.7
223615_at	3.07845E-06	0.4	0.000155447	0.4	0.790736	1.0	1.12486E-07	0.4	0.8096077	1.0	0.5385228	0.9
228856_at	0.000536016	0.4	0.000623649	0.3	0.2439152	1.4	5.27929E-06	0.2	0.002418671	0.4	0.08606553	0.5
212493_s_at	5.44E-09	0.4	0.000112378	0.5	0.9723703	1.0	3.3877E-07	0.4	0.2534666	0.9	0.2984399	0.9
210449_x_at	1.36346E-05	0.4	0.05673931	0.6	0.1155013	1.3	8.18854E-07	0.4	0.2557853	0.8	0.007129903	0.7
229017_s_at	3.07774E-06	0.4	8.11911E-06	0.3	0.02714259	1.4	2.63753E-05	0.2	0.0192096	0.6	0.2111379	0.8
225176_at	4.11E-08	0.4	3.49837E-06	0.5	0.08591169	1.2	2.21E-08	0.4	0.1501682	0.8	0.004110668	0.7
204710_s_at	4.75E-09	0.4	4.05E-09	0.3	0.000232585	1.5	1.65E-12	0.3	3.9779E-05	0.6	0.319679	0.9
225225_at	8.88004E-06	0.4	6.91964E-06	0.4	0.4785758	1.1	1.69263E-06	0.4	0.1127029	0.8	0.2620996	0.9
218943_s_at	0.001941946	0.4	0.3917962	1.3	4.77533E-05	3.8	0.07939293	0.7	0.1188382	1.5	0.001698408	0.4
228149_at	0.000640681	0.4	0.006862508	1.8	5.76608E-06	3.6	0.3169517	0.8	0.007862054	1.9	0.002764359	0.5
239391_at	9.24685E-05	0.4	0.002629807	0.5	0.3065343	1.2	1.09457E-06	0.4	0.3089827	0.9	0.005113548	0.7
207164_s_at	6.52066E-05	0.4	0.8566507	1.0	0.05637528	1.5	7.21817E-06	0.4	0.2241437	0.8	0.005817487	0.5
228220_at	4.04E-08	0.4	5.8171E-06	0.5	0.5924501	1.0	4.80E-09	0.4	0.1139287	0.9	0.2817584	0.9
222912_at	5.35082E-05	0.4	0.151435	0.8	0.00028509	1.7	5.34314E-05	0.4	0.5006122	0.9	0.00080238	0.5
206765_at	0.001692918	0.4	2.62094E-06	5.7	1.48E-11	13.0	0.04469267	1.6	3.34971E-06	3.8	3.40688E-06	0.3

Figure 24-104

221669_s_at	7.22981E-06	0.4	4.76987E-05	0.4	0.9913611	1.0	0.000161649	0.4	0.8906669	1.0	0.8888672	1.0
218116_at	5.65627E-06	0.4	7.6908E-05	0.6	0.2118433	1.2	7.84817E-07	0.4	0.4070486	0.9	0.03834691	0.8
1583397_at	0.001294794	0.4	0.00063948	0.4	0.9699863	1.0	8.26501E-05	0.3	0.297808	0.8	0.2909299	0.8
218300_at	1.25196E-05	0.4	9.34512E-06	0.3	0.1174351	1.4	9.36923E-06	0.2	0.001625936	0.4	0.03205237	0.5
1553142_at	7.99776E-07	0.4	0.8370637	1.0	8.70138E-06	2.0	4.51467E-06	0.4	0.9301798	1.0	0.000042716	0.5
211771_s_at	3.27314E-05	0.4	7.47765E-05	0.4	0.1089876	1.3	7.34135E-05	0.5	0.5133219	1.1	0.2954099	0.9
202623_at	2.69669E-05	0.4	1.54739E-05	0.3	0.06545958	1.4	1.91893E-06	0.3	0.05313702	0.7	0.7562472	0.7
201440_at	0.003003955	0.4	0.0262129	0.4	0.564712	1.2	0.000308574	0.3	0.130939	0.6	0.2951089	0.9
225987_at	0.001009802	0.4	0.08329088	1.6	3.83073E-06	4.2	0.1960965	0.6	0.3320721	1.4	0.009697353	0.3
223132_s_at	1.68816E-07	0.4	4.66394E-07	0.5	0.004213085	1.3	6.27E-09	0.4	0.1016094	0.9	1.71986E-05	0.6
211559_s_at	4.22175E-05	0.4	0.1597961	0.6	0.6083601	1.1	4.73617E-06	0.4	0.5445852	0.9	0.1698424	0.9
242388_x_at	1.78255E-05	0.4	0.001508835	1.9	2.11E-09	4.5	0.3392701	1.2	5.79316E-06	2.7	0.008493687	0.6
218769_s_at	3.34882E-05	0.4	9.67434E-05	0.5	0.5273831	1.1	5.37528E-06	0.4	0.7522453	1.0	0.2792515	0.9
226117_at	0.000897126	0.4	1.49E-09	6.7	2.49E-10	14.8	5.28127E-05	2.7	2.41E-08	6.2	1.01521E-05	0.4
202153_s_at	1.6586E-06	0.4	0.001523316	0.6	0.04598393	1.3	8.26709E-07	0.4	0.2174642	0.8	0.003067446	0.6
201015_s_at	0.01679798	0.4	0.1413176	0.6	0.2202598	1.5	0.008622836	0.4	0.9724245	1.0	0.1636623	0.7
224076_s_at	1.36939E-06	0.4	1.11791E-06	0.4	0.436447	1.1	1.17593E-06	0.4	0.5676495	0.9	0.9067532	1.0
215933_s_at	2.30211E-06	0.4	4.30051E-06	0.3	1.53887E-05	2.1	2.67E-10	0.2	5.74726E-05	0.6	0.2005953	1.2
202510_s_at	6.9814E-06	0.4	2.15435E-06	2.3	7.41E-10	5.7	0.0427098	1.3	1.85962E-07	3.0	1.5616E-06	0.5
218029_at	1.47216E-07	0.4	1.0573E-06	0.4	0.7005134	1.0	9.98837E-06	0.4	0.8067955	1.0	0.6057566	0.9
230528_s_at	1.87065E-05	0.4	1.18757E-05	0.4	0.2884898	1.2	1.45903E-07	0.3	0.06314764	0.7	0.1869235	0.8
211561_x_at	1.1365E-06	0.4	0.005514506	0.6	0.2155815	1.2	5.71E-08	0.4	0.3453392	0.9	0.02665677	0.8
213074_at	6.54E-09	0.4	2.40038E-06	0.5	0.0870249	1.2	3.45384E-06	0.4	0.5456889	0.9	0.09937276	0.8
205397_x_at	0.001513169	0.4	0.4082253	0.8	0.06742197	1.6	0.00942985	0.3	0.3496304	0.7	0.0168373	0.5
232382_s_at	0.001441863	0.4	0.02366979	0.5	0.4734661	1.2	0.001863552	0.4	0.9639495	1.0	0.4707853	0.9
202770_s_at	5.46371E-06	0.4	0.03070081	0.5	0.8219028	1.0	1.80715E-07	0.3	0.03483521	0.7	0.04859936	0.8
231815_at	2.08209E-06	0.4	1.85938E-05	0.4	0.2461933	1.1	0.00803309	0.2	0.05602234	0.5	0.02935566	0.4
226793_at	3.17494E-05	0.4	1.12357E-05	0.5	0.4009722	1.1	2.09677E-07	0.3	0.08657227	0.7	0.009184465	0.7
204689_at	7.23722E-06	0.4	4.56E-09	0.3	0.002096005	1.6	1.19E-09	0.2	0.009000479	0.6	0.492667	0.9
227689_at	0.00027438	0.4	1.28049E-07	0.4	0.07685709	1.4	0.000586054	0.2	0.0503921	0.5	0.24022	0.7
205990_s_at	0.004191226	0.4	0.001289851	2.6	1.93422E-06	5.1	0.1522044	0.6	0.1593155	1.5	0.000497028	0.3
229354_at	0.01158803	0.4	0.07344221	0.6	0.08186103	1.7	0.003630959	0.4	0.755421	0.9	0.02897234	0.5
229560_at	4.47119E-07	0.4	0.8234467	1.0	2.53561E-06	2.4	4.93523E-06	0.5	0.5463606	1.1	1.40248E-05	0.4
203379_at	1.05589E-05	0.4	2.64098E-07	0.4	0.5629223	1.1	1.90419E-07	0.3	0.06277446	0.8	0.2090997	0.8
228315_at	1.82286E-05	0.4	7.38483E-07	0.4	0.264053	1.2	4.08153E-05	0.4	0.9976341	1.0	0.2795812	0.8
231090_s_at	6.43131E-07	0.4	0.00089284	0.5	0.2350298	1.2	3.23298E-06	0.4	0.3016956	0.9	0.06987268	0.7

Figure 24-105

224733_at	4.37E-08	0.4	5.16E-10	0.3	0.000565658	1.5	6.42E-11	0.3	3.05692E-05	0.6	0.6492341	1.0
223944_at	2.25455E-05	0.4	5.23E-08	0.2	0.002658092	1.5	1.36272E-07	0.3	0.00209981	0.6	0.7587284	1.0
210279_at	0.000955792	0.4	0.03393628	1.5	4.09947E-05	3.5	0.02861768	0.5	0.42345	1.3	0.001953572	0.4
201988_s_at	1.69E-08	0.4	0.5910047	1.1	9.20866E-07	2.3	6.45385E-06	0.5	0.216329	1.2	3.65182E-05	0.5
219868_s_at	9.23365E-07	0.4	0.03710357	0.6	0.002192692	1.5	0.000425285	0.3	0.198248	0.7	0.009505921	0.5
209431_s_at	1.20867E-05	0.4	0.002860098	0.4	0.9252149	1.0	4.87204E-05	0.5	0.4545919	1.1	0.6933044	1.1
1558426_x_at	6.95E-09	0.4	1.84363E-06	0.5	0.1047738	1.1	1.21612E-07	0.4	0.2262335	0.9	0.01788365	0.8
211300_s_at	0.010244	0.4	0.3601463	0.8	0.06646541	1.8	1.87205E-05	0.4	0.8377094	1.1	0.003621675	0.6
203741_s_at	6.04462E-06	0.4	1.17617E-05	0.4	0.7039307	1.0	7.64788E-07	0.4	0.1792642	0.9	0.2718244	0.9
208808_s_at	2.73391E-06	0.4	0.000528166	0.5	0.05006281	1.3	0.000170062	0.6	0.02119405	1.3	0.9531977	1.0
225338_at	1.7148E-05	0.4	0.00031298	0.3	0.4597067	1.2	9.24E-08	0.3	0.1518041	0.8	0.9755093	1.0
228065_at	0.001814403	0.4	0.04786108	0.7	0.02713896	1.7	0.001685171	0.4	0.8537146	0.9	0.02256029	0.6
223591_at	2.46174E-05	0.4	1.27919E-07	0.3	0.1861231	1.2	0.000333321	0.2	0.0758125	0.6	0.2485065	0.7
212934_at	5.3019E-07	0.4	5.98506E-07	0.4	0.4420263	1.1	1.05177E-07	0.3	0.0761047	0.8	0.335391	0.9
221087_s_at	0.000472923	0.4	0.01935232	0.6	0.005843892	1.7	3.92112E-05	0.3	0.09825375	0.8	0.000226194	0.5
235661_at	1.67149E-06	0.4	4.67598E-06	0.4	0.1686343	1.2	1.13216E-06	0.4	0.5606965	1.1	0.3405015	0.9
203941_at	3.34591E-07	0.4	3.43435E-05	0.6	0.009086107	1.4	3.03594E-05	0.4	0.7492078	1.0	0.05241407	0.7
235529_x_at	4.08182E-06	0.4	0.000225779	0.6	0.001881185	1.6	1.39332E-06	0.4	0.4447516	0.9	0.000404456	0.5
201383_s_at	2.8127E-07	0.4	0.384094	0.8	0.000222622	1.7	2.34629E-06	0.5	0.4703957	1.1	0.001471813	0.6
204172_at	1.97432E-06	0.4	4.83163E-05	0.4	0.9278287	1.0	1.69359E-05	0.4	0.4242646	0.9	0.369157	0.9
204747_at	0.009503469	0.4	0.03280742	2.2	3.78709E-06	6.2	0.9382156	1.0	0.01035632	2.4	0.005078278	0.4
220832_at	9.60569E-07	0.4	0.369114	1.2	8.50521E-06	2.5	5.62E-08	0.4	0.6426715	0.9	2.33151E-06	0.4
220091_at	0.00030652	0.4	0.000112312	2.4	2.24E-08	6.2	0.08358319	1.3	7.46503E-06	3.3	0.000192899	0.5
226007_at	3.31543E-06	0.4	2.69117E-07	0.3	0.02016522	1.5	2.48E-09	0.2	0.000790418	0.5	0.1768932	0.8
218812_s_at	5.07575E-07	0.4	6.88704E-07	0.4	0.8649614	1.0	7.92511E-07	0.3	0.05633667	0.7	0.09403132	0.8
210044_s_at	1.61065E-06	0.4	5.14514E-07	0.3	0.001481964	1.6	2.34E-08	0.3	0.009766035	0.7	0.3306142	1.1
219574_at	1.71683E-05	0.4	0.000192919	0.4	0.9683583	1.0	2.53417E-05	0.3	0.06964615	0.7	0.08289273	0.7
36564_at	4.65575E-06	0.4	2.08042E-06	2.1	2.22E-09	4.6	0.4287198	1.1	2.00216E-06	2.6	0.000269623	0.6
202386_s_at	1.21E-09	0.4	1.31119E-07	0.4	0.07449067	1.2	3.29E-09	0.3	0.000964837	0.6	0.02311566	0.8
227122_at	7.72692E-06	0.4	1.83626E-07	0.3	0.3629852	1.2	3.61E-09	0.3	0.01273364	0.7	0.07056952	0.8
225444_at	0.001332287	0.4	0.000456988	0.4	0.3050528	1.3	0.00821039	0.3	0.195827	0.6	0.03990174	0.5
230261_at	2.62102E-07	0.4	1.85426E-06	0.4	0.1520605	1.2	2.81034E-06	0.4	0.591367	0.9	0.08717649	0.8
215761_at	0.02229319	0.4	0.2731224	1.3	0.008892063	3.0	0.8801059	1.0	0.01939261	2.5	0.4516833	0.8
205192_at	1.08048E-06	0.4	4.44E-08	0.3	0.01429457	1.4	1.14324E-07	0.3	0.05488328	0.8	0.6021375	1.1
222062_at	3.96719E-07	0.4	4.32692E-05	0.4	0.4289951	1.1	4.81932E-07	0.3	0.0455757	0.7	0.3294887	0.8
219211_at	0.007364882	0.4	0.5637483	0.8	0.003979643	2.6	0.03364441	0.4	0.9751431	1.0	0.02349233	0.4

Figure 24-106

218676_s_at	6.64E-08	0.4	5.77338E-07	0.5	0.08821677	1.2	4.02E-08	0.4	0.3969496	0.9	0.01532493	0.7
225957_at	8.21401E-05	0.4	5.56066E-05	0.3	0.0538233	1.3	7.21586E-06	0.3	0.1347423	0.8	0.8053153	1.0
207551_s_at	2.03099E-07	0.4	8.19119E-06	0.5	0.03683462	1.2	5.24E-08	0.4	0.3198797	0.9	0.003893371	0.7
1554470_s_at	1.03187E-06	0.4	0.001466875	0.5	0.7056505	1.0	2.22228E-07	0.4	0.3605763	0.9	0.1760616	0.9
204184_s_at	1.47721E-06	0.4	0.007044173	0.6	0.003269406	1.5	3.00E-08	0.4	0.8390104	1.0	0.000177362	0.7
214948_s_at	3.11391E-07	0.4	4.73135E-07	0.3	0.03288854	1.3	1.04E-09	0.2	0.000226112	0.6	0.007446632	0.7
210685_s_at	0.001883153	0.4	1.85533E-05	0.4	0.9894174	1.0	0.000235617	0.4	0.8016909	1.1	0.7332366	1.1
1553993_s_at	1.99055E-07	0.4	1.02078E-05	0.4	0.8898011	1.0	2.12307E-07	0.4	0.3373962	0.9	0.3607183	0.9
223113_at	8.4791E-05	0.4	0.000966769	0.7	0.02302868	1.5	8.24098E-05	0.5	0.2929186	1.2	0.1046306	0.8
221812_at	0.000880138	0.4	0.01631913	0.8	0.007156656	1.9	8.24594E-05	0.5	0.4928565	1.2	0.002266893	0.6
205241_at	1.61088E-05	0.4	0.004519385	0.6	0.008260487	1.6	3.34004E-06	0.3	0.3376338	0.8	0.001013396	0.5
235549_at	0.001340274	0.4	3.10725E-06	3.6	1.46E-09	8.4	0.1160469	1.4	3.99464E-06	3.5	3.73547E-05	0.4
201746_at	2.0869E-06	0.4	0.01380956	0.7	0.000627599	1.8	2.13878E-06	0.4	0.8875263	1.0	0.000456051	0.5
223385_at	0.000123563	0.4	0.01090538	0.5	0.406613	1.2	0.001138827	0.3	0.2904036	0.7	0.6036953	0.9
241392_at	2.49432E-06	0.4	0.001512962	0.5	0.05164267	1.4	8.38695E-06	0.4	0.5685825	1.1	0.1414106	0.8
231513_at	0.000957145	0.4	1.79515E-06	8.0	1.15E-11	16.4	0.08460605	1.6	1.29583E-05	3.8	2.92691E-06	0.2
204197_s_at	4.36121E-05	0.4	1.37684E-06	0.3	0.2270251	1.3	3.6722E-07	0.2	0.01471674	0.6	0.1381854	0.7
224962_at	0.000161576	0.4	0.000121225	0.2	0.06355488	1.8	4.72138E-06	0.2	0.004564176	0.4	0.4829902	0.8
226441_at	1.46702E-05	0.4	6.63128E-06	0.4	0.3985228	1.1	5.1438E-06	0.3	0.1701492	0.8	0.453813	0.9
233461_x_at	0.002558449	0.4	0.000510981	0.4	0.4149315	1.3	0.001688202	0.3	0.3552256	0.7	0.8034441	0.9
225445_at	5.20785E-07	0.4	4.73034E-06	0.5	0.04412422	1.3	2.13E-08	0.3	0.1867798	0.8	0.001140928	0.6
213373_s_at	1.90302E-06	0.4	1.80E-08	0.3	0.1381856	1.2	5.40E-09	0.2	0.000122163	0.6	0.007446863	0.7
235478_at	3.18104E-06	0.4	9.59727E-06	0.2	0.02372633	1.8	1.40423E-06	0.3	0.1507319	0.8	0.1972447	1.4
1554952_s_at	0.000200781	0.4	9.06E-09	0.2	0.001824448	1.6	6.76783E-07	0.2	0.000158834	0.6	0.3256873	0.9
225663_at	3.7677E-07	0.4	6.59008E-07	0.3	0.1485185	1.2	1.34106E-07	0.3	0.06348411	0.8	0.6058115	0.9
207001_x_at	0.000112841	0.4	0.07924259	0.4	0.001525728	1.8	2.45396E-07	0.3	0.01882782	0.6	0.2457266	1.2
211051_s_at	0.002621973	0.4	0.000105203	0.3	0.4887281	1.2	1.0885E-05	0.4	0.692592	0.9	0.6593437	1.1
212748_at	1.99E-09	0.4	0.000177995	0.6	3.92629E-05	1.4	2.31E-08	0.4	0.9601144	1.0	0.002331185	0.7
225980_at	5.66887E-07	0.4	0.000935911	0.5	0.0218279	1.3	2.48476E-06	0.4	0.3234737	1.1	0.2118854	0.9
201341_at	7.74647E-06	0.4	4.59E-08	0.3	0.000827232	1.5	2.14407E-07	0.3	0.002514844	0.7	0.2882243	1.1
221653_x_at	0.003094212	0.4	0.003363272	0.6	0.2260112	1.4	0.000178615	0.2	0.1655392	0.6	0.009352705	0.4
227383_at	0.04010275	0.4	0.004880045	1.8	0.00219258	4.6	0.7359594	1.1	0.02971477	2.7	0.03371396	0.6
218644_at	1.67885E-06	0.4	1.50189E-06	0.3	0.3494092	1.2	4.08278E-05	0.2	0.03812318	0.6	0.1469386	0.7
204669_s_at	6.95478E-05	0.4	0.001159661	0.4	0.9257104	1.0	1.20198E-05	0.3	0.338017	0.9	0.5042288	0.9
229450_at	0.01017595	0.4	0.01865276	2.0	2.93822E-06	6.7	0.8572394	0.9	0.01943492	2.4	0.003547184	0.4
203640_at	0.000203204	0.4	0.006250486	0.5	0.04701714	1.4	0.000150066	0.4	0.8234045	1.0	0.03090343	0.7

Figure 24-107

201020_at	0.4	0.000109059	0.4	0.5639176	1.1	4.43E-08	0.3	0.02887988	0.7	0.09356527	0.8
218589_at	0.4	6.96994E-05	0.3	0.2079594	1.3	2.98175E-07	0.2	0.003670921	0.5	0.04618444	0.6
229383_at	0.4	0.000170143	0.4	0.8164655	1.0	0.000682021	0.3	0.1809528	0.7	0.2666432	0.7
203063_at	0.4	0.02838998	0.7	0.000809515	1.8	5.78272E-06	0.4	0.9063873	1.0	0.002060301	0.6
225509_at	0.4	5.37E-08	0.4	0.486874	1.1	5.78726E-07	0.3	0.03272096	0.7	0.07402656	0.8
220494_s_at	0.4	0.3066416	0.7	0.004780636	1.4	0.000197392	0.4	0.6892	1.1	0.07693737	0.8
219889_at	0.4	6.57E-08	0.3	0.001137968	1.4	4.21E-08	0.2	0.000271096	0.5	0.0417246	0.8
219433_at	0.4	0.000421404	0.6	0.0291916	1.4	9.40E-08	0.4	0.6585438	1.1	0.04069759	0.8
227618_at	0.4	3.75904E-05	0.4	0.2092769	1.2	0.001124827	0.3	0.4352299	0.8	0.1022145	0.7
226885_at	0.4	0.001190982	0.4	0.4602025	1.1	0.000115993	0.3	0.1645169	0.7	0.3127149	0.8
212080_at	0.4	6.40769E-05	0.5	0.3472644	1.2	1.27992E-05	0.4	0.6348963	0.9	0.1324253	0.8
200760_s_at	0.4	1.69174E-05	0.4	0.5162892	1.1	3.16E-10	0.3	0.000688313	0.7	0.001633123	0.7
207511_s_at	0.4	0.002445974	0.5	0.9929691	1.0	3.37243E-06	0.2	0.02095452	0.5	0.02171024	0.5
227221_at	0.4	6.10687E-05	0.5	0.127486	1.3	0.000409639	0.4	0.6374693	0.9	0.1269769	0.7
226513_at	0.4	1.22632E-05	0.3	0.1985131	1.3	9.35E-08	0.2	0.01093842	0.6	0.1931362	0.8
212660_at	0.4	0.8167801	1.0	6.16E-08	2.5	8.5713E-05	0.6	0.000125002	1.6	4.23E-08	0.6
202530_at	0.4	1.95273E-05	0.5	0.000322691	1.3	3.56E-09	0.4	0.4268462	0.9	0.000386996	0.7
226757_at	0.4	0.006379004	2.6	1.95244E-07	9.1	0.2965103	1.4	0.000370727	3.7	0.003503586	0.4
223592_s_at	0.4	8.17611E-07	0.3	0.1965301	1.2	1.84253E-07	0.3	0.03081744	0.7	0.4311434	0.9
201989_s_at	0.4	0.8930782	1.0	1.85632E-06	2.3	1.12773E-05	0.5	0.1798296	1.2	5.17772E-05	0.5
204999_s_at	0.4	0.007883718	0.5	0.1532225	1.4	4.57252E-06	0.3	0.4685896	0.9	0.04168884	0.6
223470_at	0.4	0.002406801	0.4	0.4409399	1.3	0.000125662	0.2	0.07622041	0.5	0.280136	0.7
208729_at	0.4	0.000725931	0.4	0.5816776	1.1	3.75101E-06	0.3	0.08475748	0.7	0.05765992	0.7
220888_s_at	0.4	0.00161427	0.3	0.15064	1.5	5.78193E-07	0.3	0.5069186	0.8	0.237285	1.3
215533_s_at	0.4	0.4153048	0.7	0.06242948	1.4	2.10839E-05	0.4	0.5561125	1.1	0.1209926	0.8
200896_x_at	0.4	0.9244058	1.0	1.32843E-07	2.4	4.57008E-07	0.4	0.533296	1.1	2.2154E-06	0.4
232615_at	0.4	0.4760534	1.2	0.01198619	3.0	0.2994277	0.7	0.1436944	1.9	0.1459624	0.6
202151_s_at	0.4	3.54799E-06	0.2	0.01150563	1.8	5.45066E-06	0.2	0.002777789	0.4	0.3444914	0.8
222952_s_at	0.4	0.1104124	1.6	8.66639E-05	3.8	0.05681913	0.6	0.2939248	1.4	0.004945767	0.4
203973_s_at	0.4	6.13822E-05	0.4	0.9922823	1.0	2.29551E-06	0.3	0.04208056	0.7	0.07242773	0.7
219863_at	0.4	0.2179184	0.7	0.000921465	2.6	0.02087585	0.5	0.355983	1.3	0.006781581	0.5
201875_s_at	0.4	0.007544322	2.5	0.000288679	3.7	0.9239676	1.0	0.00742124	2.5	0.1039911	0.7
204859_s_at	0.4	0.001281238	0.6	0.004087307	1.6	6.48647E-07	0.4	0.2467037	1.2	0.03441803	0.7
203104_at	0.4	1.03573E-06	0.4	0.8656638	1.0	3.21E-11	0.3	0.01217705	0.7	0.01137984	0.7
229635_at	0.4	9.22045E-06	0.3	0.4175381	1.1	3.00056E-06	0.3	0.286967	0.9	0.9137994	1.0
222201_s_at	0.4	0.000842765	0.3	0.5668783	1.2	0.000393012	0.2	0.1812481	0.6	0.493159	0.8

Figure 24-108

204164_at	0.000102678	0.4	0.002666843	0.3	0.5679889	1.2	0.000138994	0.3	0.4856808	0.8	0.921982	1.0
205539_at	0.000938548	0.4	0.001146185	0.5	0.8820895	1.0	0.005009249	0.3	0.4080029	0.7	0.3265451	0.7
228045_at	8.94195E-05	0.4	4.69982E-05	0.4	0.3549078	1.2	1.31191E-05	0.3	0.5377435	0.9	0.09618919	0.7
203445_s_at	3.38E-11	0.4	6.93E-08	0.3	0.02435904	1.2	2.08E-13	0.3	0.000509796	0.7	0.01903558	0.9
217781_s_at	5.12E-08	0.4	5.53752E-07	0.4	0.9595779	1.0	2.73E-10	0.3	0.007494591	0.7	0.005380684	0.7
212484_at	1.05E-08	0.4	2.37E-09	0.3	0.6279585	1.1	7.61E-11	0.2	0.000252721	0.6	8.15907E-05	0.6
214441_at	3.92277E-05	0.4	8.74355E-05	0.4	0.649752	1.1	5.70364E-07	0.3	0.06083441	0.7	0.08291855	0.7
219093_at	0.000304763	0.4	0.002354752	0.5	0.3432614	1.2	1.13392E-05	0.3	0.3133062	0.8	0.0377492	0.6
201609_x_at	0.000568588	0.4	0.001818837	0.6	0.5164405	1.2	5.04598E-07	0.4	0.842986	1.0	0.2108781	0.8
204236_at	3.00864E-05	0.4	0.001860941	0.5	0.3599787	1.2	0.000187041	0.4	0.7509058	0.9	0.3227559	0.8
224789_at	7.60461E-07	0.4	2.87E-09	0.3	0.5869689	1.1	2.01E-09	0.2	0.000852719	0.6	0.001144139	0.6
227749_at	4.71E-08	0.4	2.18981E-06	0.4	0.1148696	1.2	4.78E-09	0.4	0.5212873	0.9	0.02420772	0.8
222858_s_at	1.31959E-06	0.4	0.0515844	0.7	0.000297067	1.9	9.38665E-07	0.4	0.5292545	1.1	0.000369358	0.6
206278_at	3.3239E-07	0.4	0.2896698	1.2	2.94145E-06	2.5	1.44651E-05	0.5	0.03629185	1.3	0.00017341	0.5
21990_s_at	2.79E-08	0.4	0.6155251	1.1	1.75662E-07	2.7	1.78607E-05	0.5	0.05571827	1.3	3.76955E-05	0.5
229045_at	6.25039E-06	0.4	0.1532706	0.5	0.2797076	1.2	4.59105E-07	0.2	0.01658066	0.6	0.1715935	0.7
238496_at	6.65911E-06	0.4	0.000430044	0.4	0.818329	1.0	1.13729E-06	0.3	0.2875763	0.8	0.4329261	0.9
235151_at	7.43388E-07	0.4	8.49889E-06	0.4	0.86259	1.0	8.86E-08	0.2	0.01269798	0.6	0.0108787	0.6
225178_at	0.003786548	0.4	0.000535205	0.3	0.5092034	1.3	0.00037529	0.2	0.09380171	0.5	0.2354179	0.6
204912_at	7.88292E-06	0.4	0.03888502	0.8	0.000100988	2.1	1.78341E-07	0.4	0.6792623	1.1	2.41258E-06	0.5
235556_at	6.88623E-07	0.4	3.55932E-06	0.4	0.3634005	1.1	3.05E-08	0.3	0.09202752	0.8	0.3202131	0.9
218917_s_at	4.51E-11	0.4	1.68681E-06	0.5	0.004957996	1.3	1.83E-13	0.3	0.001626576	0.8	5.26327E-07	0.6
236692_at	0.001289853	0.4	0.03474714	0.7	0.02671067	1.8	2.92505E-05	0.5	0.1471391	1.4	0.03598675	0.8
217502_at	0.0131293	0.4	0.01318426	2.7	5.7149E-07	8.9	0.3341469	1.4	0.000460469	3.8	0.007397901	0.4
204907_s_at	0.000185683	0.4	0.7584632	1.1	0.006677359	1.9	0.000175412	0.4	0.6422046	1.1	0.008254088	0.6
202031_s_at	1.93E-10	0.4	7.18345E-07	0.3	0.002117394	1.5	1.37E-08	0.2	0.001412546	0.6	0.4363876	0.9
202808_at	1.28412E-06	0.4	8.60E-08	0.4	0.6579354	1.1	1.05024E-07	0.3	0.02150592	0.7	0.004598471	0.6
208018_s_at	2.27002E-07	0.4	0.03001014	1.3	9.82E-09	3.5	2.77251E-05	0.5	0.0224819	1.4	6.28276E-07	0.4
207872_s_at	1.15138E-06	0.4	0.01564849	0.5	0.1227108	1.3	1.55595E-07	0.3	0.09361331	0.8	0.006848455	0.6
219815_at	1.8824E-06	0.4	0.001378446	0.5	0.01159134	1.6	0.000659118	0.3	0.3603718	0.8	0.02817787	0.5
226148_at	1.44E-09	0.4	4.67E-10	0.3	0.919663	1.0	9.90E-11	0.3	0.05010244	0.8	0.0353272	0.8
218606_at	1.82821E-07	0.4	8.08483E-07	0.3	0.002133913	1.5	8.52E-11	0.2	0.000882405	0.6	0.3275982	0.9
231988_x_at	0.001201315	0.4	0.008897036	0.6	0.06711257	1.6	8.09862E-05	0.3	0.7471734	0.9	0.01149887	0.6
238476_at	3.10581E-06	0.4	1.00006E-05	0.3	0.01132986	1.6	9.53E-08	0.3	0.0373572	0.7	0.4218281	1.1
239431_at	2.39297E-06	0.4	0.000976769	0.6	0.03894863	1.4	5.8044E-05	0.3	0.2158971	0.8	0.01166436	0.5
223183_at	0.001083709	0.4	5.38981E-06	0.4	0.3175743	1.3	5.46012E-05	0.2	0.03139003	0.5	0.002598633	0.4

Figure 24-109

225912_at	6.46858E-07	0.4	0.02894036	1.7	1.63991E-07	4.6	0.000323699	0.6	0.00226513	1.5	8.58988E-06	0.3
211661_x_at	8.34053E-07	0.4	0.4742154	1.1	1.14509E-05	2.6	0.000149513	0.5	0.03775593	1.4	0.001709974	0.6
1557944_s_at	4.54E-08	0.4	0.104525	0.7	0.001324998	1.5	6.00534E-07	0.3	0.5464309	0.9	0.00158569	0.6
204072_s_at	2.78E-08	0.4	0.01145734	0.7	4.56859E-05	2.0	2.52566E-05	0.4	0.5402143	1.1	0.001978114	0.5
235360_at	2.70034E-05	0.4	0.8031554	1.0	5.68822E-05	2.6	0.000438464	0.5	0.1209072	1.4	0.000672695	0.5
209593_s_at	1.93109E-06	0.4	0.002423673	0.5	0.003051886	1.7	3.32745E-07	0.3	0.1013586	0.8	0.000140005	0.4
212993_at	3.80614E-05	0.4	5.33999E-06	0.3	0.2848284	1.2	5.80E-08	0.2	0.04311752	0.7	0.3187867	0.8
221012_s_at	6.66E-10	0.4	3.40612E-07	0.4	0.009843429	1.3	9.62E-12	0.3	0.0302086	0.8	6.8013E-06	0.6
225390_s_at	3.70E-10	0.4	1.18E-08	0.3	0.0135642	1.4	2.15E-09	0.2	0.000143874	0.6	0.0784428	0.8
226039_at	0.0002641	0.4	0.01442278	0.6	8.2481E-06	1.8	0.009029659	0.5	0.003398563	1.5	0.1027478	0.8
229055_at	3.53156E-05	0.4	0.005521171	0.5	0.116808	1.4	3.93621E-06	0.3	0.5473827	0.9	0.0242118	0.7
201107_s_at	0.05988004	0.4	0.001410274	4.3	0.000246475	9.3	0.1444994	0.5	0.5825693	1.4	0.000390375	0.1
225157_at	2.80E-08	0.4	7.49E-10	0.3	0.8081839	1.0	6.22E-10	0.3	0.003372354	0.7	0.009505563	0.8
210660_at	5.33E-08	0.4	0.000177942	0.5	0.1807334	1.2	1.15528E-07	0.2	0.01807222	0.7	0.00258974	0.5
32209_at	6.28E-12	0.4	7.04E-09	0.4	0.007312539	1.2	2.51E-13	0.3	0.000430553	0.8	3.61443E-06	0.6
228902_at	1.23E-09	0.4	2.01212E-07	0.4	0.8952242	1.0	3.68E-09	0.3	0.009678814	0.7	0.006043337	0.7
223497_at	9.92878E-05	0.4	0.002044752	0.5	0.009299492	1.6	9.41526E-05	0.4	0.7284856	1.1	0.005980345	0.7
231991_at	0.00304152	0.4	0.08588214	1.4	2.95281E-05	5.3	0.08748882	0.6	0.08136331	1.8	0.000154587	0.3
229699_at	2.16841E-06	0.4	2.64185E-05	0.4	0.39633	1.1	9.68E-08	0.3	0.08702594	0.7	0.01068445	0.7
235964_x_at	0.000014347	0.4	0.002546917	0.5	0.01128378	1.7	2.50103E-05	0.3	0.6563401	0.9	0.006602106	0.5
202951_at	2.37961E-06	0.4	0.000141766	0.5	0.08282572	1.3	4.98E-08	0.3	0.3925346	0.9	0.001672581	0.7
216484_x_at	6.35E-09	0.4	0.1084826	1.3	1.86E-09	3.0	1.33628E-06	0.5	0.05703026	1.3	4.03333E-07	0.4
220146_at	3.04172E-06	0.4	0.04914094	1.4	6.39E-08	3.5	0.00347056	0.6	0.01295727	1.6	9.53366E-05	0.5
226640_at	2.37E-08	0.4	3.31E-08	0.3	0.6690412	1.1	3.32E-10	0.2	0.00040961	0.6	0.001292995	0.6
201939_at	9.73663E-05	0.4	0.1249887	1.3	3.14174E-06	4.0	0.1395443	0.7	0.005328351	2.1	0.003995994	0.5
223583_at	4.19488E-05	0.4	2.13645E-05	0.3	0.3690872	1.3	4.73E-09	0.3	0.1403626	0.7	0.795473	0.9
231406_at	3.09708E-07	0.4	1.63E-08	0.3	0.5641952	1.1	1.27164E-06	0.2	0.03116309	0.6	0.06402876	0.7
222859_s_at	5.48453E-06	0.4	0.538011	0.9	0.000129847	2.2	8.72147E-06	0.3	0.7296506	0.9	0.000134167	0.4
1552554_a_at	6.06598E-05	0.4	0.001290077	0.4	0.9535932	1.0	5.80174E-07	0.3	0.1994776	0.8	0.136349	0.8
212547_at	1.59321E-06	0.4	6.33525E-06	0.3	0.2888354	1.3	1.16963E-06	0.3	0.5646935	0.9	0.5287123	1.1
235352_at	5.09E-08	0.4	2.45E-08	0.3	0.4941403	1.1	1.77E-08	0.2	0.02278996	0.7	0.07107242	0.8
223566_s_at	7.35E-09	0.4	0.8359876	1.0	2.68528E-05	1.8	2.31E-08	0.4	0.07254026	1.2	0.000661498	0.7
203690_at	1.90995E-07	0.4	0.000216947	0.4	0.5523965	1.1	1.07138E-05	0.3	0.4228356	0.9	0.2219993	0.8
210785_s_at	7.0164E-07	0.4	2.97949E-07	0.4	0.5962678	1.1	2.14039E-07	0.3	0.08200101	0.7	0.1762166	0.8
217403_s_at	4.02189E-06	0.4	5.42513E-05	0.4	0.4471749	1.2	8.07E-10	0.3	0.05000324	0.7	0.2534629	0.8
1555789_s_at	4.6583E-07	0.4	6.14084E-07	0.2	1.06949E-05	2.6	7.89E-10	0.1	4.53352E-05	0.4	0.6822503	1.1

Figure 24-110

204923_at	6.73E-10	0.4	2.13E-10	0.3	0.3761209	1.1	5.54E-13	0.2	0.000415554	0.7	0.002929959	0.7
238999_at	8.00903E-06	0.4	0.001225549	0.3	0.7864164	1.1	2.44658E-05	0.3	0.8765201	1.0	0.8794273	1.0
210146_x_at	9.32E-08	0.3	0.05150272	0.7	0.000480576	2.0	6.43291E-06	0.3	0.1142828	0.7	0.000167816	0.4
201384_s_at	3.09E-09	0.3	0.001820495	0.6	0.000141894	1.7	8.27E-09	0.3	0.4520858	0.9	5.51244E-05	0.5
227962_at	3.4254E-07	0.3	7.73997E-06	0.5	0.02168786	1.4	2.38696E-06	0.3	0.3502237	0.8	0.006673469	0.6
204546_at	4.40624E-06	0.3	4.79608E-06	0.3	0.2374657	1.2	3.51534E-07	0.3	0.06345402	0.8	0.4970565	0.9
220305_at	1.16825E-05	0.3	0.000206754	0.5	0.06459355	1.4	6.93433E-05	0.3	0.2233613	0.7	0.01533626	0.5
223131_s_at	2.89806E-06	0.3	0.1171476	0.6	0.0944966	1.4	3.81757E-07	0.3	0.2252157	0.8	0.00685683	0.6
1557626_at	2.64969E-07	0.3	0.1020523	0.7	0.004695139	1.9	4.61774E-06	0.4	0.1205939	1.2	0.03418225	0.6
204957_at	4.59843E-06	0.3	3.49293E-06	0.3	0.6476647	1.1	3.51856E-06	0.3	0.6038174	0.9	0.9383819	1.0
218284_at	6.69E-10	0.3	0.002819809	0.7	0.000029899	1.8	1.5863E-07	0.4	0.1129724	1.2	0.002106448	0.7
231698_at	0.002362255	0.3	2.58084E-05	2.4	4.92012E-05	5.1	0.3084719	0.8	0.00702822	2.4	0.000151927	0.5
224950_at	0.000843959	0.3	0.2719769	0.7	0.1582765	1.6	0.000285389	0.3	0.5803786	0.8	0.05391594	0.5
219736_at	3.67662E-07	0.3	0.2393903	1.2	6.03E-08	3.2	0.007262108	0.6	0.002659952	1.8	0.001575886	0.6
229510_at	0.00043929	0.3	0.3802904	0.7	0.01773811	2.1	0.003082713	0.3	0.7709253	0.9	0.02976483	0.4
218805_at	6.89E-08	0.3	0.1566092	1.2	3.68E-08	3.1	0.07604781	0.8	1.7252E-05	2.3	0.03714079	0.7
228771_at	1.29E-08	0.3	2.97361E-06	0.4	0.000515861	1.4	5.86E-09	0.3	0.4432956	0.9	0.000290633	0.7
210772_at	5.53775E-06	0.3	0.5451127	1.1	3.64257E-06	3.1	3.73218E-06	0.3	0.5745528	0.9	1.55055E-06	0.3
208944_at	1.71E-08	0.3	3.23862E-07	0.5	0.000400941	1.5	1.70E-08	0.3	0.3457755	0.9	5.89232E-05	0.6
207571_x_at	9.76E-08	0.3	1.78E-08	0.3	0.5676633	1.1	8.15E-11	0.3	0.02962376	0.7	0.07393264	0.8
212628_at	1.31612E-06	0.3	0.02303659	0.6	9.97616E-05	1.7	1.78562E-05	0.4	0.02439414	1.2	0.0039208	0.7
225318_at	1.03962E-07	0.3	1.22E-09	0.3	0.1889539	1.2	2.06E-09	0.3	0.1008463	0.8	0.6615773	0.9
228869_at	3.14632E-07	0.3	4.15262E-07	0.3	0.5269377	1.1	8.73E-08	0.2	0.0237523	0.7	0.0912039	0.7
204336_s_at	7.50E-09	0.3	1.13E-12	0.2	0.009378241	1.3	4.08E-11	0.2	0.000107285	0.6	0.06958665	0.8
242943_at	6.51E-08	0.3	0.001120319	0.5	0.04351192	1.3	1.16E-11	0.3	0.1535322	0.8	0.000251908	0.6
202869_at	0.000245992	0.3	0.1335961	0.6	0.01068566	2.3	0.000261217	0.3	0.4061315	0.8	0.004512032	0.3
225832_s_at	2.82091E-07	0.3	5.08391E-05	0.3	0.8328727	1.0	2.12E-10	0.2	0.02645043	0.7	0.1314274	0.7
50221_at	2.46126E-07	0.3	2.40191E-06	0.3	0.6818954	1.1	1.74E-09	0.2	0.02698831	0.7	0.03199431	0.7
43511_s_at	4.12E-08	0.3	3.86704E-06	0.6	0.000183549	1.7	3.75E-09	0.3	0.7961185	1.0	3.7024E-06	0.6
1556332_at	1.67807E-06	0.3	8.37894E-05	1.8	3.32E-09	5.2	0.1688358	0.8	6.34029E-05	2.4	5.44349E-05	0.5
223081_at	6.99E-08	0.3	8.87E-11	0.1	3.31168E-06	2.6	4.52E-11	0.1	8.38488E-06	0.4	0.7353803	1.1
2214058_at	1.5437E-06	0.3	7.3255E-05	0.4	0.4324439	1.1	2.32405E-07	0.2	0.0663614	0.7	0.1445631	0.8
203153_at	0.007706654	0.3	0.669242	0.9	0.001555052	3.5	0.01961119	0.4	0.8558326	1.1	0.005853965	0.3
203148_s_at	7.69062E-05	0.3	0.007141795	0.5	0.1665961	1.5	0.000776185	0.2	0.1677533	0.6	0.03139944	0.4
234987_at	6.26924E-05	0.3	0.01869442	0.5	0.02214201	1.8	7.63114E-06	0.3	0.4298798	0.9	0.00351667	0.5
204702_s_at	0.001019013	0.3	0.7872146	1.1	0.001797671	2.8	0.01483858	0.5	0.07362089	1.4	0.02664874	0.5

Figure 24-111

203822_s_at	1.67E-08	0.3	0.000112692	0.4	0.3110559	1.1	3.77E-09	0.3	0.2559527	0.9	0.03861094	0.8
225845_at	1.20658E-07	0.3	7.94975E-07	0.3	0.755018	1.0	3.86E-10	0.2	0.05043573	0.8	0.0493887	0.8
207655_s_at	1.02147E-05	0.3	0.004567183	0.5	0.03875135	1.5	0.00381874	0.3	0.6143242	0.9	0.05437746	0.6
231283_at	8.29677E-05	0.3	0.0153862	0.6	0.000251562	2.0	0.006872214	0.5	0.05524822	1.5	0.1351884	0.8
226986_at	4.52928E-07	0.3	4.65329E-07	0.2	0.04813879	1.6	1.94E-08	0.2	0.005305755	0.6	0.6399252	0.9
210361_s_at	4.00759E-07	0.3	0.00252179	0.6	0.007285534	1.5	2.22E-08	0.3	0.848241	1.0	0.000605434	0.7
205062_x_at	5.72358E-07	0.3	0.000356809	0.5	0.1378086	1.3	4.60995E-07	0.2	0.149791	0.8	0.006902635	0.6
49111_at	3.36E-10	0.3	0.00055092	0.7	1.98522E-06	2.0	4.40E-10	0.4	0.1504998	1.2	1.32991E-05	0.6
227184_at	7.85E-08	0.3	0.1191105	1.2	2.99E-08	3.4	0.000242589	0.5	0.002542346	1.7	0.000125625	0.5
212796_s_at	6.22E-08	0.3	0.07544162	0.7	2.93217E-05	2.0	3.09E-08	0.3	0.4657978	1.1	4.8569E-06	0.6
201369_s_at	5.5394E-05	0.3	0.000306342	0.5	0.06094396	1.5	3.82979E-06	0.4	0.5041906	1.2	0.08045579	0.8
219243_at	0.000162054	0.3	8.94956E-05	0.3	0.9463434	1.0	4.49721E-05	0.3	0.3344261	0.8	0.3530913	0.8
225725_at	1.61488E-06	0.3	0.005849222	0.4	0.490214	1.2	3.15981E-06	0.2	0.05634854	0.6	0.312179	0.7
229584_at	1.83841E-05	0.3	0.000055509	0.4	0.1330475	1.3	5.77565E-06	0.3	0.3299284	0.8	0.02712419	0.7
228234_at	2.09092E-07	0.3	1.40801E-06	0.4	0.1593961	1.2	1.25226E-07	0.2	0.09426009	0.7	0.003735722	0.6
226055_at	2.11E-09	0.3	1.19E-09	0.2	0.01973039	1.3	1.42E-10	0.2	0.007757504	0.7	0.5633363	0.9
208784_s_at	0.000650992	0.3	0.000236752	0.3	0.8089312	1.1	3.09073E-06	0.3	0.8877142	1.0	0.6544698	1.1
206925_at	5.27E-08	0.3	0.002767234	0.4	0.3260005	1.1	7.57E-13	0.2	0.02762994	0.7	0.000533661	0.7
221861_at	3.22E-10	0.3	0.000684818	0.7	1.8168E-06	2.1	3.49463E-07	0.3	0.7807009	1.0	5.95214E-05	0.5
225207_at	9.25584E-05	0.3	2.13891E-05	0.1	0.004261807	3.6	5.95654E-05	0.1	0.01541002	0.3	0.6890646	1.2
203879_at	1.07E-11	0.3	1.90342E-07	0.4	0.000439571	1.4	1.33E-11	0.3	0.2528508	0.9	5.65115E-05	0.6
204533_at	0.01312482	0.3	0.8194739	0.9	0.003466115	4.4	0.06368921	0.4	0.6562022	1.3	0.02090701	0.3
238076_at	0.000963224	0.3	1.59731E-05	0.2	0.1267099	1.8	6.03336E-05	0.2	0.1570364	0.6	0.9501246	1.0
225558_at	1.02E-09	0.3	7.06E-10	0.3	0.9944673	1.0	5.34E-11	0.2	0.0107378	0.7	0.007987851	0.7
1552316_a_at	0.000393012	0.3	4.47311E-07	0.2	0.1365713	1.5	0.000495525	0.1	0.06566884	0.4	0.2559287	0.6
204982_at	0.000210882	0.3	0.0003915	0.2	0.3427002	1.4	0.000246776	0.2	0.2102644	0.6	0.7114865	0.9
210773_s_at	3.55102E-06	0.3	0.4585054	1.2	2.69889E-06	3.5	8.16009E-07	0.3	0.7887236	0.9	5.29495E-07	0.3
234725_s_at	4.81346E-06	0.3	5.52154E-06	0.4	0.273634	1.3	2.00391E-07	0.3	0.5434743	1.1	0.4990253	0.9
227020_at	4.07517E-07	0.3	0.000189183	0.3	0.2429217	1.2	3.06E-08	0.2	0.3407989	0.9	0.01367374	0.7
230836_at	4.16858E-07	0.3	7.31387E-06	0.4	0.04454966	1.4	1.50E-08	0.2	0.3073658	0.8	0.001857392	0.6
227345_at	2.13623E-05	0.3	3.94438E-05	0.3	0.6708612	1.1	1.01758E-07	0.2	0.1344426	0.7	0.04619005	0.6
239021_at	1.35507E-05	0.3	3.11787E-06	0.2	0.4749778	1.2	7.97803E-07	0.2	0.09174168	0.6	0.3486173	0.8
204900_x_at	6.4068E-06	0.3	2.7616E-06	0.2	0.631145	1.1	2.96872E-06	0.2	0.4623218	0.9	0.7276643	0.9
218832_x_at	0.0030021	0.3	0.332721	0.8	0.04564548	2.2	0.000297933	0.3	0.8565662	0.9	0.009756656	0.4
235798_at	9.26112E-06	0.3	3.11986E-07	0.1	0.002614876	3.0	1.16E-08	0.1	0.003353097	0.5	0.2612658	1.4
1552618_at	3.38E-08	0.3	3.12576E-07	0.3	0.8008052	1.0	2.12E-11	0.2	0.01280002	0.7	0.007557579	0.7

Figure 24-112

223660_at	5.71736E-05	0.3	0.000584636	0.3	0.9212909	1.0	0.000714167	0.2	0.3657207	0.7	0.3876419	0.7
214560_at	3.23151E-06	0.3	0.02699385	0.5	0.02284969	1.6	1.86E-08	0.2	0.02935426	0.6	4.82911E-05	0.4
227420_at	1.78E-10	0.3	1.88E-09	0.2	0.0732464	1.2	9.76E-14	0.2	0.001926036	0.7	0.04642883	0.8
225833_at	4.11E-08	0.3	0.000574699	0.4	0.7001837	1.1	5.98E-08	0.2	0.1238075	0.7	0.06372409	0.7
212799_at	4.54E-08	0.3	2.86E-09	0.3	0.8321719	1.0	5.77E-10	0.2	0.007099381	0.6	0.004700105	0.6
207237_at	1.73968E-06	0.3	0.000643729	2.0	1.03E-08	7.2	0.167533	0.8	3.24505E-05	3.0	0.000206964	0.4
204908_s_at	2.61965E-05	0.3	0.08663535	0.7	0.005200511	2.3	1.06173E-06	0.2	0.8014656	0.9	0.000922257	0.4
235306_at	3.16819E-07	0.3	4.97749E-07	0.2	0.3581074	1.1	2.12955E-06	0.2	0.08575207	0.7	0.1974805	0.7
228976_at	0.00023332	0.3	0.01525026	0.5	0.1232951	1.8	0.000186407	0.2	0.6268891	0.8	0.05350843	0.5
207368_at	2.70E-09	0.3	3.14112E-06	0.3	0.09843105	1.2	3.05E-09	0.2	0.6258487	0.9	0.03820091	0.8
202316_x_at	0.000259241	0.3	0.09487215	0.4	0.6000152	1.2	0.000271478	0.1	0.1969716	0.6	0.09542692	0.5
230343_at	0.000141952	0.2	0.000828134	0.2	0.4063978	1.4	0.00018635	0.1	0.2054549	0.6	0.673613	0.8
57715_at	1.0428E-07	0.2	2.32E-11	0.2	0.01871125	1.4	8.47E-10	0.1	0.001618362	0.5	0.1110019	0.8
210176_at	3.35E-09	0.2	6.03E-09	0.1	0.000246662	2.2	1.24E-11	0.1	6.62226E-06	0.4	0.2046333	0.8
229937_x_at	5.26E-09	0.2	0.000280832	0.5	0.000527975	2.0	6.37E-08	0.1	0.01764899	0.6	1.52711E-05	0.3
227002_at	1.92909E-06	0.2	9.85995E-07	0.1	0.01392301	2.2	1.88581E-06	0.1	0.04476713	0.5	0.5892574	1.2
212800_at	1.05353E-07	0.2	1.51907E-07	0.2	0.8202593	1.0	3.52E-09	0.2	0.05082343	0.7	0.01790593	0.7
218051_s_at	5.29392E-05	0.2	6.68437E-06	0.3	0.25113	1.4	2.41E-08	0.2	0.4451836	0.8	0.01209511	0.6
1552553_a_at	9.64691E-07	0.2	4.00E-09	0.2	0.2740982	1.3	4.71702E-05	0.1	0.02352849	0.4	0.06316702	0.5
240173_at	7.19E-09	0.2	5.67E-08	0.2	0.1441995	1.3	9.51157E-07	0.1	0.01304082	0.5	0.1250868	0.6
230422_at	9.11484E-06	0.2	3.21662E-05	0.3	0.1530838	1.4	9.35E-08	0.1	0.02277928	0.5	0.000524483	0.3
209876_at	0.000691333	0.2	0.000280148	0.2	0.9877739	1.0	0.000124362	0.1	0.2523666	0.6	0.2161032	0.6
201367_s_at	3.96935E-05	0.2	0.006964899	0.4	0.6127011	1.2	0.000788843	0.2	0.7311514	0.9	0.4651533	0.7
214038_at	0.005583427	0.2	0.4104432	0.7	0.002455814	4.6	0.003786096	0.2	0.5640633	0.8	0.002152432	0.2
226530_at	5.70E-12	0.2	8.52E-08	0.2	0.3767383	1.1	7.15E-10	0.2	0.2357227	0.8	0.06875513	0.8
230141_at	1.26212E-05	0.2	0.000342561	0.4	0.2117442	1.4	1.79288E-07	0.2	0.9424552	1.0	0.1261151	0.7
219777_at	0.000193809	0.2	2.87512E-05	0.1	0.2796669	1.6	2.15211E-05	0.1	0.2459738	0.6	0.9997433	1.0
237623_at	0.000343065	0.2	0.000868798	0.2	0.6753719	1.2	0.000131374	0.2	0.9839655	1.0	0.6668303	0.8
223816_at	0.000123044	0.2	4.84316E-05	0.1	0.1185491	1.9	5.1172E-05	0.2	0.5309028	0.8	0.3165857	1.5
235385_at	0.000352439	0.2	0.00012005	0.2	0.5698686	1.3	0.000401762	0.1	0.3337934	0.6	0.1396842	0.5
205898_at	0.000101712	0.2	3.24888E-07	0.1	0.08102837	1.9	7.83E-09	0.1	0.00317059	0.3	0.08381215	0.6
206171_at	1.42442E-05	0.2	0.000250312	0.2	0.8038239	1.1	0.000159449	0.2	0.9857197	1.0	0.8173739	0.9
202838_at	4.56E-08	0.2	5.21497E-06	0.2	0.7950311	1.1	9.24E-10	0.1	0.01680418	0.6	0.02233757	0.6
228071_at	0.000124738	0.2	1.15492E-07	0.1	0.142456	1.8	2.43702E-07	0.1	0.3617248	0.7	0.4357086	1.3
1552315_at	9.28155E-05	0.2	0.004623443	0.3	0.5515509	1.2	0.000249138	0.2	0.6691499	1.2	0.9257237	1.0
221565_s_at	2.77151E-06	0.2	1.35716E-06	0.1	0.09684189	1.8	1.57E-09	0.1	0.01195576	0.4	0.5420235	0.8

Figure 24-113

229367_s_at	3.77619E-06	0.2	0.000167489	0.2	0.9976924	1.0	1.62406E-05	0.1	0.08145176	0.5	0.1050953	0.5
213420_at	1.5572E-07	0.2	0.001070738	0.3	0.008314285	2.4	3.26277E-05	0.1	0.3203116	0.7	0.007023141	0.3
1552386_at	2.46555E-07	0.1	3.31087E-06	0.4	0.000562438	2.4	6.72713E-07	0.1	0.1064599	0.6	7.23389E-05	0.3
229988_at	1.67E-09	0.1	1.47E-10	0.1	0.01862226	1.7	2.93E-12	0.1	9.4541E-05	0.4	0.04909961	0.7
207794_at	5.69E-09	0.1	0.000403315	0.2	0.5699919	1.1	2.78E-09	0.1	0.337236	0.9	0.06763741	0.8
206978_at	1.53E-08	0.1	2.03373E-07	0.1	0.5642588	1.1	6.82E-10	0.1	0.2203967	0.8	0.03082508	0.7