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(54) Title: METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF CANCER

(57) Abstract: The invention relates to methods of detecting cancer in a sample obtained from a subject. The invention also provides kits and reagents for detecting cancer as well as therapeutics and methods of treating cancer.

METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF CANCER

This application claims priority US Provisional Patent Application No. 61/857,390 filed on July 23, 2013, the entire contents of which is hereby incorporated by reference.

Field of the Invention

[0001] The field of the invention relates to cancer and the diagnosis and treatment of cancer.

Background

[0002] Early detection of cancer can impact treatment outcomes and disease progression. Typically, cancer detection relies on diagnostic information obtained from biopsy, x-rays, CAT scans, NMR and the like. These procedures may be invasive, time consuming and expensive. Moreover, they have limitations with regard to sensitivity and specificity. There is a need in the field of cancer diagnostics for a highly specific, highly sensitive, rapid, inexpensive, and relatively non-invasive method of diagnosing cancer. Various embodiments of the invention described below meet this need as well as other needs existing in the field of diagnosing and treating cancer.

Summary of the Invention

[0003] Embodiments of the disclosure provide methods of diagnosis, prognosis and treatment of cancer. Other embodiments provide compositions relating to the diagnosis, prognosis and treatment of cancer.

[0004] In certain embodiments the invention provides a method of detecting cancer in a subject comprising a) obtaining a sample from a subject; b) contacting the sample obtained from the subject with one or more agents that detect one or more markers expressed by a cancer cell c) contacting a non-cancerous cell with the one or more agents from b); and d) comparing the expression level of the marker in the sample obtained from the subject with the expression level in the non-cancerous cell, wherein a higher level of expression of the marker in the sample compared to the non-cancerous cell indicates that the subject has cancer.

[0005] In certain embodiments the invention provides a method of detecting cancer in a subject comprising a) obtaining a sample from a subject; b) contacting the sample obtained from the subject with one or more agents that detect expression of at least one of the markers listed in Table 1; c) contacting a non-cancerous cell, with the one or more agents from b); and d) comparing the expression level of one or more of the markers listed in Table 1in the sample obtained from the subject with the expression level of one or more of the markers listed in Table 1 in the non-cancerous cell, wherein a higher level of expression of one or more

of the markers listed in Table 1in the sample obtained from the subject compared to the non-cancerous cell indicates that the subject has cancer.

[0006] In further embodiments the invention provides a method of detecting cancer cells in a sample comprising a) obtaining a sample b) contacting the sample obtained in a) with one or more agents that detect expression of one or more of the markers found in Table 1 c) contacting a non-cancerous cell with the one or more agents from b); and d) comparing the expression level of one or more of the markers encoded by genes found in Table 1 or a complement thereof in the sample obtained in a) with the expression level of one or more of the markers found in Table 1 or a complement thereof in the the non-cancerous cell where an elevated expression level of the one or more markers found in Table 1 in the sample compared to the non-cancerous cells indicates that the sample contains cancer cells. The sample may be an in vitro sample or an in vivo sample, or derived from an in vivo sample.

[0007] With regard to the embodiments described in the preceding paragraphs, the sample may be any sample as described infra, for example, a bodily fluid, such as blood, serum or urine. The sample may be a cellular sample or the extract of a cellular sample. The sample may be a tissue sample. Nucleic acids and/or proteins may be isolated from the sample. Nucleic acids such as RNA may be transcribed into cDNA. The agent may be one or more molecules that bind specifically to one or more proteins expressed by the cancer cell or one or more nucleic acids expressed by the cell. For example, the agent may be a protein such as an antibody that binds specifically to the protein expressed by one of the marker genes identified infra. The agent may be one or more nucleic acids that hybridize to a nucleic acid expressed by the cancer cell. The nucleic acid expressed by the cancer cell may be an RNA molecule, e.g. an mRNA molecule. The nucleic acid molecule that hybridizes to the nucleic acid expressed by the cancer cell may be a DNA molecule, such as a DNA probe.

[0008] In still other embodiments the invention provides a composition of matter useful in distinguishing a cancer cell from a non-cancerous cell comprising one or more molecules that specifically bind to a molecule expressed at higher levels on a cancer cell compared to a non-cancer cell. As an example, the composition may comprise a protein, that binds to one or more molecules expressed by the cancer cell at higher levels compared to the non-cancer cell. As another example, the composition may comprise a nucleic acid that binds to one or more molecules expressed by the cancer cell at higher levels compared to the non-cancer cell.

[0009] In some embodiments the invention provides a composition of matter comprising a protein, such as an antibody, that specifically binds to a molecule expressed by a cancer cell chosen from the markers encoded by the sequences listed in Table 1. The

molecule expressed by the cancer cell may be expressed by the cancer cell at a level that is higher than the level expressed by a non-cancerous cell.

[0010] In further embodiments the invention provides a composition of matter comprising a plurality of proteins, such as a plurality antibodies, that specifically binds to a panel of molecules expressed by a cancer cell wherein the panel of markers comprises a plurality of molecules encoded by the genes found in Table 1. The panel of markers may be expressed at a level that is higher than the level of the panel of markers in a non-cancerous cell.

[0011] In other embodiments the invention provides a composition of matter comprising a nucleic acid that specifically binds to a molecule, such as an mRNA molecule, expressed by a cancer cell wherein the molecule is chosen from a marker encoded for by the genes listed in Table 1. The molecule expressed by the cancer cell may be expressed by the cancer cell at level that is higher than the level expressed by a non-cancerous cell.

[0012] In other embodiments the invention provides a composition of matter comprising a nucleic acid that specifically binds to a molecule, such as an mRNA molecule, expressed by a cancer cell wherein the molecule is encoded for by a gene disclosed infra, e.g. a gene disclosed under the heading Cancer Associated Sequences, or a complement thereof, e.g. a gene found in Table 1. The molecule expressed by the cancer cell may be expressed by the cancer cell at level that is higher than the level expressed by a non-cancerous cell.

[0013] In still further embodiments the invention provides a method of determining if a cancer in a subject is advancing comprising a) measuring the expression level of one or more markers associated with cancer at a first time point; b) measuring the expression level of the one or more markers measured in a) at a second time point, wherein the second time point is subsequent to the first time point; and c) comparing the expression level measured in a) and b), wherein an increase in the expression level of the one or more markers in b) compared to a) indicates that the subject's cancer is advancing.

[0014] In some embodiments the invention provides a method of determining if a cancer in a subject is advancing comprising a) measuring the expression level of one or more markers listed in Table 1 at a first time point; b) measuring the expression level of the one or more markers measured in a) at a second time point, wherein the second time point is subsequent to the first time point; and c) comparing the expression level measured in a) and b), wherein an increase in the expression level of the one or more markers at the second time point compared to the first time point indicates that the subject's cancer is advancing.

[0015] In some embodiments the invention provides antigens (i.e. cancer-associated polypeptides) associated with cancer as targets for diagnostic and/or therapeutic antibodies. In

some embodiments, the antigen may be chosen from a protein encoded by, a gene listed in Table 1, a fragment thereof, or a combination of proteins encoded by a gene listed in Table 1.

[0016] In yet other embodiments the invention provides a method of eliciting an immune response to a cancer cell comprising contacting a subject with a protein or protein fragment that is expressed by a cancer cell thereby eliciting an immune response to the cancer cell. As an example the subject may be contacted intravenously or intramuscularly with protein or protein fragment.

[0017] In further embodiments the invention provides a method of eliciting an immune response to a cancer cell comprising contacting a subject with one or more proteins or protein fragments that is encoded by a gene chosen from the genes listed in Table 1, thereby eliciting an immune response to a cancer cell. As an example the subject may be contacted with the protein or the protein fragment intravenously or intramuscularly.

[0018] In yet other embodiments the invention provides a kit for detecting cancer cells in a sample. The kit may comprise one or more agents that detect expression of any the cancer associated sequences disclosed infra. The kit may include agents that are proteins and/or nucleic acids for example. In one embodiment the kit provides a plurality of agents. The agents may be able to detect the panel of markers encoded by the genes found in Table 1 or a complement thereof.

[0019] In still other embodiments the invention provides a kit for detecting cancer in a sample comprising a plurality of agents that specifically bind to a molecule encoded for by the genes found in Table 1.

[0020] In other embodiments the invention provides a kit for detection of cancer in a sample obtained from a subject. The kit may comprise one or more agents that bind specifically to a molecule expressed specifically by a cancer cell, e.g. one or more genes found in Table 1. The kit may comprise one or more containers and instructions for determining if the sample is positive for cancer. The kit may optionally contain one or more multiwell plates, a detectable substance such as a dye, a radioactively labeled molecule, a chemiluminescently labeled molecule and the like. The kit may further contain a positive control (e.g. one or more cancerous cells; or specific known quantities of the molecule expressed by the cancer cell) and a negative control (e.g. a tissue or cell sample that is non-cancerous).

[0021] In some embodiments the invention provides a kit for the detection of cancer comprising one or more agents that specifically bind one or more markers encoded by genes chosen from a gene disclosed infra., e.g., a gene disclosed in Table 1. The agent may be a protein, such as an antibody. Alternatively, the agent may be a nucleic such as a DNA

molecule or an RNA molecule. The kit may comprise one or more containers and instructions for determining if the sample is positive for cancer. The kit may optionally contain one or more multiwell plates, a detectable substance such as a dye, a radioactively labeled molecule, a chemiluminescently labeled molecule and the like. The kit may further contain a positive control (e.g. one or more cancerous cells; or specific known quantities of the molecule expressed by the cancer cell) and a negative control (e.g. a tissue or cell sample that is non-cancerous). As an example the kit may take the form of an ELISA or a DNA microarray.

[0022] Some embodiments are directed to a method of treating cancer in a subject, the method comprising administering to a subject in need thereof a therapeutic agent modulating the activity of a cancer associated protein, wherein the cancer associated protein is encoded by gene listed in Table 1, homologs thereof, combinations thereof, or a fragment thereof. In some embodiments, the therapeutic agent binds to the cancer associated protein. In some embodiments, the therapeutic agent is an antibody. In some embodiments, the antibody may be a monoclonal antibody or a polyclonal antibody. In some embodiments, the antibody is a humanized or human antibody.

[0023] In some embodiments, a method of treating cancer in a subject may comprise administering to a subject in need thereof a therapeutic agent that modulates the expression of one or more genes chosen from those listed in Table 1, fragments thereof, homologs thereof, and/or complements thereof.

[0024] In further embodiments, the invention provides a method of treating cancer may comprising a gene knockdown of one or more genes listed in Table 1 fragments thereof, homologs thereof, and or compliments thereof. In some embodiments, a method of treating cancer may comprise treating cells to knockdown or inhibit expression of a gene encoding an mRNA of one or more genes chosen from those listed n Table 1, fragments thereof, homologs thereof, and or compliments thereof.

[0025] In still other embodiments, the present invention provides methods of screening a drug candidate for activity against cancer, the method comprising: (a) contacting a cell that expresses one or more cancer associated genes chosen from those listed in Table 1 with a drug candidate; (b) detecting an effect of the drug candidate on expression of the one or more cancer associated genes in the cell from a); and (c) comparing the level of expression of one or more of the genes recited in a) in the absence of the drug candidate to the level of expression of the one or more genes in the presence of the drug candidate; wherein a decrease in the expression of the cancer associated gene in the presence of the drug candidate indicates that the candidate has activity against cancer.

[0026] In some embodiments, the present invention provides methods of visualizing a cancer tumor in a subject comprising a) targeting one or more cancer associated proteins with a labeled molecule that binds specifically to the cancer tumor, wherein the cancer associated protein is selected from a protein encoded for by one or more genes chosen from those listed in Table 1; and b) detecting the labeled molecule, wherein the labeled molecule visualizes the tumor in the subject. Visualization may be done in vivo, or in vitro.

I. DETAILED DESCRIPTION

[0027] Before the present compositions and methods are described, it is to be understood that this invention is not limited to the particular processes, compositions, or methodologies described, as these may vary. It is also to be understood that the terminology used in the description is for the purpose of describing the particular versions or embodiments only, and is not intended to limit the scope of the present invention which will be limited only by the appended claims. Unless defined otherwise, all technical and scientific terms used herein have the same meanings as commonly understood by one of ordinary skill in the art. Although any methods and materials similar or equivalent to those described herein can be used in the practice or testing of embodiments of the present disclosure, the preferred methods, devices, and materials are now described. All publications mentioned herein are incorporated by reference in their entirety. Nothing herein is to be construed as an admission that the invention is not entitled to antedate such disclosure by virtue of prior invention.

[0028] As used herein, the singular forms "a," "an," and "the" include plural reference unless the context clearly dictates otherwise. Thus, for example, reference to a "therapeutic" is a reference to one or more therapeutics and equivalents thereof known to those skilled in the art, and so forth.

[0029] As used herein, the term "about" means plus or minus 10% of the numerical value of the number with which it is being used. Therefore, about 50% means in the range of 45% to 55%.

[0030] "Agent" as used herein refers to a molecule that specifically binds to a cancer associated sequence or a molecule encoded for by a cancer associated sequence. Examples of agents include nucleic acid molecules, such as DNA and proteins such as antibodies. The agent may be linked with a label or detectible substance as described infra.

[0031] "Administering," when used in conjunction with a therapeutic, means to administer a therapeutic directly into or onto a target tissue or to administer a therapeutic to a patient whereby the therapeutic positively impacts the tissue to which it is targeted. Thus, as used herein, the term "administering," when used in conjunction with a therapeutic, can include, but is not limited to, providing the therapeutic into or onto the target tissue; providing

the therapeutic systemically to a patient by, e.g., intravenous injection whereby the therapeutic reaches the target tissue; providing the therapeutic in the form of the encoding sequence thereof to the target tissue (e.g., by so-called gene-therapy techniques). "Administering" a composition may be accomplished by oral administration, intravenous injection, intraperitoneal injection, intramuscular injection, subcutaneous injection, transdermal diffusion or electrophoresis, local injection, extended release delivery devices including locally implanted extended release devices such as bioerodible or reservoir-based implants, as protein therapeutics or as nucleic acid therapeutic via gene therapy vectors, topical administration, or by any of these methods in combination with other known techniques. Such combination techniques include, without limitation, heating, radiation and ultrasound.

[0032] The term "amplify" is used to mean creating an amplification product which may include, for example, additional target molecules, or target-like molecules or molecules complementary to the target molecule, which molecules are created by virtue of the presence of the target molecule in the sample. In the situation where the target is a nucleic acid, an amplification product can be made enzymatically with DNA or RNA polymerases or reverse transcriptases, or any combination thereof.

[0033] The term "animal," "patient" or "subject" as used herein includes, but is not limited to, humans, non-human primates and non-human vertebrates such as wild, domestic and farm animals including any mammal, such as cats, dogs, cows, sheep, pigs, horses, rabbits, rodents such as mice and rats. In some embodiments, the term "subject," "patient" or "animal" refers to a male. In some embodiments, the term "subject," "patient" or "animal" refers to a female.

[0034] The term "biological sources" as used herein refers to the sources from which the target polynucleotides and/or proteins or peptides may be derived. The source can be of any form of "sample" as described above, including but not limited to, cell, tissue or fluid. "Different biological sources" can refer to different cells/tissues/organs of the same individual, or cells/tissues/organs from different individuals of the same species, or cells/tissues/organs from different species.

[0035] The term "capture reagent" refers to a reagent, for example an antibody or antigen binding protein, capable of binding a target molecule or analyte to be detected in a sample.

[0036] The term "gene expression result" refers to a qualitative and/or quantitative result regarding the expression of a gene or gene product. The gene expression result can be an amount or copy number of the gene, the RNA encoded by the gene, the mRNA encoded by the gene, the protein product encoded by the gene, or any combination thereof. The gene

expression result can also be normalized or compared to a standard. The gene expression result can be used, for example, to determine if a gene is expressed, overexpressed, or differentially expressed in two or more samples.

[0037] The term "homology," as used herein, refers to a degree of complementarity. There may be partial homology or complete homology. The word "identity" may substitute for the word "homology." A partially complementary nucleic acid sequence that at least partially inhibits an identical sequence from hybridizing to a target nucleic acid is referred to as "substantially homologous." The inhibition of hybridization of the completely complementary nucleic acid sequence to the target sequence may be examined using a hybridization assay (Southern or northern blot, solution hybridization, and the like) under conditions of reduced stringency. A substantially homologous sequence or hybridization probe will compete for and inhibit the binding of a completely homologous sequence to the target sequence under conditions of reduced stringency. This is not to say that conditions of reduced stringency are such that non-specific binding is permitted, as reduced stringency conditions require that the binding of two sequences to one another be a specific (i.e., a selective) interaction. The absence of non-specific binding may be tested by the use of a second target sequence which lacks even a partial degree of complementarity (e.g., less than about 30% homology or identity). In the absence of non-specific binding, the substantially homologous sequence or probe will not hybridize to the second non-complementary target sequence.

[0038] As used herein, the term "hybridization" or "hybridizing" refers to hydrogen bonding, which may be Watson-Crick, Hoogsteen or reversed Hoogsteen hydrogen bonding, between complementary nucleoside or nucleotide bases. For example, adenine and thymine are complementary nucleobases which pair through the formation of hydrogen bonds. "Complementary," as used herein in reference to nucleic acid molecules refers to the capacity for precise pairing between two nucleotides. For example, if a nucleotide at a certain position of an oligonucleotide is capable of hydrogen bonding with a nucleotide at the same position of a DNA or RNA molecule, then the oligonucleotide and the DNA or RNA are considered to be complementary to each other at that position. The oligonucleotide and the DNA or RNA are complementary to each other when a sufficient number of corresponding positions in each molecule are occupied by nucleotides which can hydrogen bond with each other. Thus, "specifically hybridizable" and "complementary" are terms which are used to indicate a sufficient degree of complementarity or precise pairing such that stable and specific binding occurs between the oligonucleotide and the DNA or RNA target. It is understood in the art that a nucleic acid sequence need not be 100% complementary to that of its target nucleic acid to

be specifically hybridizable. A nucleic acid compound is specifically hybridizable when there is binding of the molecule to the target, and there is a sufficient degree of complementarity to avoid non-specific binding of the molecule to non-target sequences under conditions in which specific binding is desired, *i.e.*, under physiological conditions in the case of in vivo assays or therapeutic treatment, and in the case of in vitro assays, under conditions in which the assays are performed.

[0039] The term "inhibiting" includes the administration of a compound of the present disclosure to prevent the onset of the symptoms, alleviating the symptoms, or eliminating the disease, condition or disorder. The term "inhibiting" may also refer to lowering the expression level of gene, such as a gene encoding a cancer associated sequence. Expression level of RNA and/or protein may be lowered.

[0040] The term "label" and/or detectible substance refers to a composition capable of producing a detectable signal indicative of the presence of the target polynucleotide in an assay sample. Suitable labels include radioisotopes, nucleotide chromophores, enzymes, substrates, fluorescent molecules, chemiluminescent moieties, magnetic particles, bioluminescent moieties, and the like. As such, a label is any composition detectable by a device or method, such as, but not limited to, a spectroscopic, photochemical, biochemical, immunochemical, electrical, optical, chemical detection device or any other appropriate device. In some embodiments, the label may be detectable visually without the aid of a device. The term "label" is used to refer to any chemical group or moiety having a detectable physical property or any compound capable of causing a chemical group or moiety to exhibit a detectable physical property, such as an enzyme that catalyzes conversion of a substrate into a detectable product. The term "label" also encompasses compounds that inhibit the expression of a particular physical property. The label may also be a compound that is a member of a binding pair, the other member of which bears a detectable physical property.

[0041] As used herein, "microarray" refers to a linear or two-dimensional array of, for example, discrete regions, each having a defined area, formed on the surface of a solid support. The density of the discrete regions on a microarray is determined by the total numbers of target polynucleotides to be detected on the surface of a single solid phase support, preferably at least about 50/cm^2, more preferably at least about 100/cm^2, even more preferably at least about 500/cm^2, and still more preferably at least about 1,000/cm^2. As used herein, a DNA microarray is an array of oligonucleotide primers placed on a chip or other surfaces used to identify, amplify, detect, or clone target polynucleotides. Since the position of each particular group of primers in the array is known, the identities of the target polynucleotides can be determined based on their binding to a particular position in the microarray.

[0042] As used herein, the term "naturally occurring" refers to sequences or structures that may be in a form normally found in nature. "Naturally occurring" may include sequences in a form normally found in any animal.

[0043] As used herein, the use of "nucleic acid," "polynucleotide" or "oligonucleotide" or equivalents herein means at least two nucleotides covalently linked together. In some embodiments, an oligonucleotide is an oligomer of 6, 8, 10, 12, 20, 30 or up to 100 nucleotides. In some embodiments, an oligonucleotide is an oligomer of at least 6, 8, 10, 12, 20, 30, 40, 50, 60, 70, 80, 90, 100, 150, 200, 300, 400, or 500 nucleotides. A "polynucleotide" or "oligonucleotide" may comprise DNA, RNA, PNA or a polymer of nucleotides linked by phosphodiester and/or any alternate bonds.

[0044] The phrases "percent homology," "% homology," "percent identity," or "% identity" refer to the percentage of sequence similarity found in a comparison of two or more amino acid or nucleic acid sequences. Percent identity can be determined electronically, e.g., by using the MEGALIGN program (LASERGENE software package, DNASTAR). The MEGALIGN program can create alignments between two or more sequences according to different methods, e.g., the Clustal Method. (Higgins, D. G. and P. M. Sharp (1988) Gene 73:237-244.) The Clustal algorithm groups sequences into clusters by examining the distances between all pairs. The clusters are aligned pairwise and then in groups. The percentage similarity between two amino acid sequences, e.g., sequence A and sequence B, is calculated by dividing the length of sequence A, minus the number of gap residues in sequence A, minus the number of gap residues in sequence B, into the sum of the residue matches between sequence A and sequence B, times one hundred. Gaps of low or of no homology between the two amino acid sequences are not included in determining percentage similarity. Percent identity between nucleic acid sequences can also be calculated by the Clustal Method, or by other methods known in the art, such as the Jotun Hein Method. (See, e.g., Hein, J. (1990) *Methods Enzymol.* 183:626-645.) Identity between sequences can also be determined by other methods known in the art, e.g., by varying hybridization conditions.

[0045] By "pharmaceutically acceptable", it is meant the carrier, diluent or excipient must be compatible with the other ingredients of the formulation and not deleterious to the recipient thereof.

[0046] As used herein, a polynucleotide "derived from" a designated sequence refers to a polynucleotide sequence which is comprised of a sequence of approximately at least about 6 nucleotides, preferably at least about 8 nucleotides, more preferably at least about 10-12 nucleotides, and even more preferably at least about 15-20 nucleotides corresponding to a region of the designated nucleotide sequence. "Corresponding" means homologous to or

complementary to the designated sequence. Preferably, the sequence of the region from which the polynucleotide is derived is homologous to or complementary to a sequence that is unique to a cancer associated gene.

[0047] As used herein, the term "sample" refers to composition that is being tested or treated with a reagent, such as but not limited to a therapeutic, drug, or candidate agent. Samples may be obtained from subjects. In some embodiments, the sample may be blood, plasma, serum, or any combination thereof. A sample may be derived from blood, plasma, serum, or any combination thereof. Other typical samples include, but are not limited to, any bodily fluid obtained from a mammalian subject, tissue biopsy, sputum, lymphatic fluid, blood cells (e.g., peripheral blood mononuclear cells), tissue or fine needle biopsy samples, urine, peritoneal fluid, colostrums, breast milk, fetal fluid, fecal material, tears, pleural fluid, or cells therefrom. The sample may be processed in some manner before being used in a method described herein, for example a particular component to be analyzed or tested according to any of the methods described infra. One or more molecules may be isolated from a sample.

[0048] The terms "specific binding," "specifically binds," and the like, refer to instances where two or more molecules form a complex that is measurable under physiologic or assay conditions and is selective. An antibody or antigen binding protein or other molecule is said to "specifically bind" to a protein, antigen, or epitope if, under appropriately selected conditions, such binding is not substantially inhibited, while at the same time non-specific binding is inhibited. Specific binding is characterized by a high affinity and is selective for the compound, protein, epitope, or antigen. Nonspecific binding usually has a low affinity.

[0049] As used herein, a "recombinant protein" is a protein made using recombinant techniques, for example, but not limited to, through the expression of a recombinant nucleic acid as depicted above. A recombinant protein may be distinguished from naturally occurring protein by at least one or more characteristics. For example, the protein may be isolated or purified away from some or all of the proteins and compounds with which it is normally associated in its wild type host, and thus may be substantially pure. For example, an isolated protein is unaccompanied by at least some of the material with which it is normally associated in its natural state, preferably constituting at least about 0.5%, more preferably at least about 5% by weight of the total protein in a given sample. A substantially pure protein comprises about 50-75%, about 80%, or about 90%. In some embodiments, a substantially pure protein comprises about 80-99%, 85-99%, 90-99%, 95-99%, or 97-99% by weight of the total protein. A recombinant protein can also include the production of a cancer associated protein from one organism (e.g. human) in a different organism (e.g. yeast, E. coli, or the like) or host cell. Alternatively, the protein may be made at a significantly higher concentration than is normally

seen, through the use of an inducible promoter or high expression promoter, such that the protein is made at increased concentration levels. Alternatively, the protein may be in a form not normally found in nature, as in the addition of an epitope tag or amino acid substitutions, insertions and deletions, as discussed herein.

[0050] The term "support" refers to conventional supports such as beads, particles, dipsticks, fibers, filters, membranes, and silane or silicate supports such as glass slides.

[0051] As used herein, the term "tag," "sequence tag" or "primer tag sequence" refers to an oligonucleotide with specific nucleic acid sequence that serves to identify a batch of polynucleotides bearing such tags therein. Polynucleotides from the same biological source are covalently tagged with a specific sequence tag so that in subsequent analysis the polynucleotide can be identified according to its source of origin. The sequence tags also serve as primers for nucleic acid amplification reactions.

[0052] As used herein, the term "therapeutic" or "therapeutic agent" means an agent that can be used to treat, combat, ameliorate, prevent or improve an unwanted condition or disease of a patient. In part, embodiments of the present disclosure are directed to the treatment of cancer or the decrease in proliferation of cells. In some embodiments, the term "therapeutic" or "therapeutic agent" may refer to any molecule that associates with or affects the target marker, its expression or its function. In various embodiments, such therapeutics may include molecules such as, for example, a therapeutic cell, a therapeutic peptide, a therapeutic gene, a therapeutic compound, or the like, that associates with or affects the target marker, its expression or its function.

[0053] A "therapeutically effective amount" or "effective amount" of a composition is a predetermined amount calculated to achieve the desired effect, *i.e.*, to inhibit, block, or reverse the activation, migration, or proliferation of cells. In some embodiments, the effective amount is a prophylactic amount. In some embodiments, the effective amount is an amount used to medically treat the disease or condition. The specific dose of a composition administered according to this invention to obtain therapeutic and/or prophylactic effects will, of course, be determined by the particular circumstances surrounding the case, including, for example, the composition administered, the route of administration, and the condition being treated. It will be understood that the effective amount administered will be determined by the physician in the light of the relevant circumstances including the condition to be treated, the choice of composition to be administered, and the chosen route of administration. A therapeutically effective amount of composition of this invention is typically an amount such that when it is administered in a physiologically tolerable excipient composition, it is

sufficient to achieve an effective systemic concentration or local concentration in the targeted tissue.

[0054] The terms "treat," "treated," or "treating" as used herein can refer to both therapeutic treatment or prophylactic or preventative measures, wherein the object is to prevent or slow down (lessen) an undesired physiological condition, disorder or disease, or to obtain beneficial or desired clinical results. In some embodiments, the term may refer to both treating and preventing. For the purposes of this disclosure, beneficial or desired clinical results include, but are not limited to, alleviation of symptoms; diminishment of the extent of the condition, disorder or disease; stabilization (*i.e.*, not worsening) of the state of the condition, disorder or disease; delay in onset or slowing of the progression of the condition, disorder or disease; amelioration of the condition, disorder or disease state; and remission (whether partial or total), whether detectable or undetectable, or enhancement or improvement of the condition, disorder or disease. Treatment includes eliciting a clinically significant response without excessive levels of side effects. Treatment also includes prolonging survival as compared to expected survival if not receiving treatment.

[0055] The term "tissue" as used herein, refers to any aggregation of similarly specialized cells that are united in the performance of a particular function.

[0056] As used herein, the term "optional" or "optionally" refers to embodiments where the subsequently described structure, event or circumstance may or may not occur, and that the description includes instances where the event occurs and instances where it does not.

Cancers

[0057] Various embodiments described herein provide methods, compositions and kits for the treatment, diagnosis, prognosis, visualization and detection of cancer. The embodiments described herein relate to any cancer including apudoma, choristoma, branchioma, malignant carcinoid syndrome, carcinoid heart disease, carcinoma (e.g., Walker, basal cell, basosquamous, Brown-Pearce, ductal, Ehrlich tumor, in situ, Krebs 2, merkel cell, mucinous, non-small cell lung, oat cell, papillary, scirrhous, bronchiolar, bronchogenic, squamous cell, and transitional-cell), histiocytic disorders, leukemia (e.g., b-cell, mixed-cell, null-cell, T-cell, T-cell chronic, HTLV-II-associated, lyphocytic acute, lymphocytic chronic, mast-cell, and myeloid), histiocytosis malignant, Hodgkin's disease, immunoproliferative small, non-Hodgkin's lymphoma, plasmacytoma, reticuloendotheliosis, melanoma, chondroblastoma, chondroma, chondrosarcoma, fibroma, fibrosarcoma, giant cell tumors, histiocytoma, lipoma, liposarcoma, mesothelioma, myxoma, myxosarcoma, osteoma, osteosarcoma, Ewing's sarcoma, synovioma, adenofibroma, adenolymphoma, carcinosarcoma, chordoma, craniopharyngioma, dysgerminoma, hamartoma, mesenchymoma, mesonephroma,

myosarcoma, ameloblastoma, cementoma, odontoma, teratoma, thymoma, trophoblastic tumor, adenocarcinoma, adenoma, cholangioma, cholesteatoma, cylindroma, cystadenocarcinoma, cystadenoma, granulosa cell tumor, gynandroblastoma, hepatoma, hidradenoma, islet cell tumor, leydig cell tumor, papilloma, sertoli cell tumor, theca cell tumor, leiomyoma, leiomyosarcoma, myoblastoma, myoma, myosarcoma, rhabdomyoma, rhabdomyosarcoma, ependymoma, ganglioneuroma, glioma, medulloblastoma, meningioma, neurilemmoma, neuroblastoma, neuroepithelioma, neurofibroma, neuroma, paraganglioma, paraganglioma nonchromaffin, angiokeratoma, angiolymphoid hyperplasia with eosinophilia, angioma sclerosing, angiomatosis, glomangioma, hemangioendothelioma, hemangioma, hemangiopericytoma, hemangiosarcoma, lymphangioma, lymphangiomyoma, lymphangiosarcoma, pinealoma, carcinosarcoma, chondrosarcoma, cystosarcoma phyllodes, fibrosarcoma, hemangiosarcoma, leiomyosarcoma, leukosarcoma, liposarcoma, lymphangiosarcoma, myosarcoma, myxosarcoma, osteosarcoma, rhabdomyosarcoma, sarcoma (e.g., Ewing's, experimental, Kaposi's, and mast-cell), neoplasms of the bone, breast, digestive system, colorectal, liver, pancreatic, pituitary, testicular, orbital, head and neck, central nervous system, acoustic, pelvic, respiratory tract, and urogenital trect, neurofibromatosis, cervix dysplasia, or a combination thereof. The methods disclosed herein may also be used for diagnosis and treatment of other conditions in which cells have become immortalized. In some embodiments, the cancer may be selected from Breast Tumor Infiltrating Ductal Carcinoma, Breast Tumor Lobular carcinoma, Adenocarcinoma of colon, Cervix Tumor Squamous cell carcinoma, Cervix Tumor Adenocarcinoma, Ovary Tumor Carcinoma, Ovary Tumor Serous Cystadenocarcinoma, Lung Carcinoma of lung squamous cell, Lung Adenocarcinoma of lung, Lung Carcinoma of lung large cell, Lung Tumor Non-Small Cell Carcinoma Adenocarcinoma, Pleura Mesothelioma, Esophagus Tumor Squamous cell carcinoma, Urinary bladder Carcinoma of bladder transitional cell, Pancreas Adenocarcinoma of pancreas ductal, Pancreas Gland Tumor Neuroendocrine carcinoma large cell, Testis Seminoma of testis, Bile duct Cholangiocarcinoma of bile duct, Stomach Tumor Adenocarcinoma, Stomach Tumor Adenocarcinoma Intestinal Type, Breast primary tumor, Colon primary tumor, MP Lung primary tumor, Rectum primary tumor, Breast Adenocarcinoma of breast metastatic, Colon Adenocarcinoma of colon metastatic, Ovary Adenocarcinoma of ovary serous metastatic, Kidney Carcinoma of kidney renal cell metastatic, Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, Neck Carcinoma of neck squamous cell metastatic, Thyroid gland Carcinoma of thyroid papillary metastatic, Urinary bladder Carcinoma of bladder small cell metastatic, Prostate Adenocarcinoma of prostate metastatic, MP2 Colon metastatic tumor, Rectum

metastatic tumor, Soft Tissue Tumor Metastatic neoplasm adenocarcinoma Serous cystadenocarcinoma, Liver Tumor Metastatic Neoplasm Adenocarcinoma, Connective Tissue Tumor Giant cell tumor of soft parts malignant, Cartilage Chondrosarcoma, Bone Osteosarcoma metastatic, Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, and Endometrium Endometrial stromal sarcomametastatic. Other cancers include neoplasms of the bone, breast, digestive system, colorectal, liver, pancreatic, pituitary, testicular, orbital, head and neck, central nervous system, acoustic, pelvic, respiratory tract, and urogenital trect, neurofibromatosis, cervix dysplasia.

[0058] Cancers classified by site include, but are not limited to, cancer of the oral cavity and pharynx (lip, tongue, salivary gland, floor of mouth, gum and other mouth, nasopharynx, tonsil, oropharynx, hypopharynx, other oral/pharynx); cancers of the digestive system (esophagus; stomach; small intestine; colon and rectum; anus, anal canal, and anorectum; liver; intrahepatic bile duct; gallbladder; other biliary; pancreas; retroperitoneum; peritoneum, omentum, and mesentery; other digestive); cancers of the respiratory system (nasal cavity, middle ear, and sinuses; larynx; lung and bronchus; pleura; trachea, mediastinum, and other respiratory); cancers of the mesothelioma; bones and joints; and soft tissue, including heart; skin cancers, including melanomas and other non-epithelial skin cancers; Kaposi's sarcoma and breast cancer; cancer of the female genital system (cervix uteri; corpus uteri; uterus, nos; ovary; vagina; vulva; and other female genital); cancers of the male genital system (prostate gland; testis; penis; and other male genital); cancers of the urinary system (urinary bladder; kidney and renal pelvis; ureter; and other urinary); cancers of the eye and orbit; cancers of the brain and nervous system (brain; and other nervous system); cancers of the endocrine system (thyroid gland and other endocrine, including thymus); lymphomas (Hodgkin's disease and non-Hodgkin's lymphoma), multiple myeloma, and leukemias (lymphocytic leukemia; myeloid leukemia; monocytic leukemia; and other leukemias).

[0059] In some embodiments relating to the diagnosis, prognosis, detection, treatment of cancer disclosed herein, the cancer may be chosen from breast, bladder, lung, colon, pancreatic, kidney and colon cancer. In some embodiments relating to compositions of matter, such as isolated proteins peptides, nucleic acids, kits and components of kits the cancer may be chosen from breast, bladder, lung, colon, pancreatic, kidney and colon cancer.

Cancer Associated Sequences

[0060] In some embodiments, the present disclosure provides for nucleic acid and protein sequences that are associated with cancer, herein termed “cancer associated” or “CA” sequences. The nucleic acids and/or proteins may be encoded for by any of the genes provided in Table 1. The cancer associated sequences may be associated with any of the cancers

disclosed infra. Thus the cancer associated sequences may be expressed in cancer cells found in tumors of any of the cancers disclosed infra. In some embodiments the cancer associate sequence is expressed at higher levels in a cancer cell found in a tumor, compared to a non-cancer cell, such as a non-cancer cell of the same tissue type found in the cancer.

[0061] In some embodiments, the term "cancer associated sequences" may indicate that the nucleotide or protein sequences are differentially expressed, activated, inactivated or altered in cancers as compared to normal tissue. Cancer associated sequences may include those that are up-regulated (i.e. expressed at a higher level), as well as those that are down-regulated (i.e. expressed at a lower level), in cancers. Cancer associated sequences can also include sequences that have been altered (i.e., translocations, truncated sequences or sequences with substitutions, deletions or insertions, including, but not limited to, point mutations) and show either the same expression profile or an altered profile. In some embodiments, the cancer associated sequences are from humans; however, as will be appreciated by those in the art, cancer associated sequences from other organisms, including any subject, may be useful in animal models of disease and drug evaluation; thus, other cancer associated sequences may be useful such as, without limitation, sequences from vertebrates, including mammals, including rodents (rats, mice, hamsters, guinea pigs, etc.), primates, and farm animals (including sheep, goats, pigs, cows, horses, etc.). Cancer associated sequences from other organisms may be obtained using the techniques outlined herein.

[0062] Cancer associated sequences include nucleic acid sequences and fragments thereof encoding one or more markers associated with a diagnosis, prognosis and treatment of cancer. The sequences can be DNA sequences, included isolated DNA sequences and RNA such as mRNA sequences including isolated RNA sequences. Cancer associated sequences also include proteins and peptide fragments encoded for by DNA from a cancer associated sequence such as DNA sequence encoding one or more of the following genes: Homo sapiens preferentially expressed antigen in melanoma (PRAME), Homo sapiens anti-Mullerian hormone (AMH), Homo sapiens chromosome 12 open reading frame 56 (C12orf56), Homo sapiens Down syndrome critical region gene 6 (DSCR6), Homo sapiens guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1 (GNGT1), Homo sapiens solute carrier family 35, member D3 (SLC35D3), Homo sapiens chromosome 2 open reading frame 70 (C2orf70), Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila) (CELSR3), Homo sapiens collagen, type X, alpha 1 (COL10A1), Homo sapiens Down syndrome critical region gene 8 (DSCR8), transcript variant 2, Homo sapiens lin-28 homolog B (C. elegans) (LIN28B), Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcript variant 2, Homo sapiens matrix

metallopeptidase 12 (macrophage elastase) (MMP12), Homo sapiens SH3-binding domain kinase 1 (SBK1), AGENCOURT_10229596 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6563923 5, Homo sapiens complement component 1, q subcomponent-like 4 (C1QL4), mRNA, Homo sapiens chromosome 9 open reading frame 140 (C9orf140), Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), Homo sapiens delta-like 3 (Drosophila) (DLL3), Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 (KCNQ2), Homo sapiens LEM domain containing 1 (LEMD1), Homo sapiens similar to GAGE-2 protein (G antigen 2) (LOC645037), Homo sapiens similar to microtubule-associated protein 6 isoform 1 (LOC647315), Homo sapiens matrix metallopeptidase 11 (stromelysin 3) (MMP11), Homo sapiens NK2 transcription factor related, locus 5 (Drosophila) (NKX2-5), Homo sapiens parathyroid hormone-like hormone (PTHLH), Homo sapiens sal-like 4 (Drosophila) (SALL4), Homo sapiens small nucleolar RNA, C/D box 56 (SNORD56), Homo sapiens CSAG family, member 3A (CSAG3A), Homo sapiens family with sequence similarity 83, member A (FAM83A), transcript variant 2, Homo sapiens similar to hCG1812074 (LOC100134331), Homo sapiens hypothetical protein LOC642477, transcript variant 2 (LOC642477), Homo sapiens hypothetical protein LOC645099, transcript variant 1 (LOC645099), Homo sapiens similar to TP53TG3 protein, transcript variant 2 (LOC729264), Homo sapiens protocadherin beta 2 (PCDHB2), Homo sapiens peptidase inhibitor 3, skin-derived (SKALP) (PI3), Homo sapiens TP53 target 3 (TP53TG3), Homo sapiens cathepsin L2 (CTSL2), Homo sapiens gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis) (GREM1), Homo sapiens potassium channel, subfamily K, member 17 (KCNK17), transcript variant 1, Homo sapiens kringle containing transmembrane protein 2 (KREMEN2), transcript variant 2, Homo sapiens hypothetical protein LOC100130082, transcript variant 2 (LOC100130082), Homo sapiens hypothetical LOC645682 (LOC645682), Homo sapiens olfactomedin 4 (OLFM4), Homo sapiens one cut homeobox 2 (ONECUT2), Homo sapiens protein phosphatase, EF-hand calcium binding domain 1 (PPEF1), Homo sapiens reprimo-like (RPRML), Homo sapiens wingless-type MMTV integration site family, member 10A (WNT10A), Homo sapiens annexin A13 (ANXA13), Homo sapiens hypothetical protein FLJ22184 (FLJ22184), Homo sapiens laminin, gamma 2 (LAMC2), Homo sapiens mitogen-activated protein kinase 15 (MAPK15), Homo sapiens nucleoporin 210kDa (NUP210), Homo sapiens asparagine-linked glycosylation 1-like (ALG1L), Homo sapiens guanine nucleotide binding protein (G protein), gamma 4 (GNG4), Homo sapiens harakiri, BCL2 interacting protein (contains only BH3 domain) (HRK), Homo sapiens nuclear factor (erythroid-derived 2)-like 3 (NFE2L3), Homo sapiens tet oncogene 1 (TET1), Homo sapiens septin 3 (SEPT3), Homo sapiens achaete-scute

complex homolog 1 (Drosophila) (ASCL1), Homo sapiens BCL2-interacting killer (apoptosis-inducing) (BIK), Homo sapiens chromosome 21 open reading frame 129 (C21orf129), Homo sapiens calpain 12 (CAPN12), Homo sapiens chromobox homolog 8 (Pc class homolog, Drosophila) (CBX8), Homo sapiens chemokine (C-C motif) ligand 20 (CCL20), Homo sapiens chorionic gonadotropin, beta polypeptide 5 (CGB5), Homo sapiens claudin 9 (CLDN9), Homo sapiens chondrosarcoma associated gene 1 (CSAG1), Homo sapiens CSAG family, member 3B (CSAG3B), Homo sapiens cancer/testis antigen family 45, member A1 (CT45A1), Homo sapiens cancer/testis antigen family 45, member A5 (CT45A5), Homo sapiens cancer/testis antigen 2 (CTAG2), Homo sapiens CCCTC-binding factor (zinc finger protein)-like (CTCFL), Homo sapiens endogenous retroviral sequence K, 6 (ERVK6), Homo sapiens family with sequence similarity 133, member A (FAM133A), PREDICTED: Homo sapiens misc_RNA (FLJ39632), Homo sapiens histone cluster 1, H3h (HIST1H3H), Homo sapiens histone cluster 1, H4h (HIST1H4H), Homo sapiens KIAA1199 (KIAA1199), Homo sapiens LINE-1 type transposase domain containing 1 (L1TD1), Homo sapiens LIM homeobox 2 (LHX2), Homo sapiens hypothetical protein LOC100132564 (LOC100132564), Homo sapiens hypothetical LOC400879, transcript variant 2 (LOC400879), Homo sapiens hypothetical protein LOC643272 (LOC643272), Homo sapiens similar to CSAG family, member 2 (LOC653297), Homo sapiens hypothetical LOC729669 (LOC729669), Homo sapiens mesothelin (MSLN), Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), Homo sapiens one cut homeobox 2 (ONECUT2), Homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), Homo sapiens pancreatic and duodenal homeobox 1 (PDX1), Homo sapiens pregnancy specific beta-1-glycoprotein 1 (PSG1), Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), Homo sapiens synaptonemal complex protein 2 (SYCP2), Homo sapiens tudor domain containing 5 (TDRD5), Homo sapiens urotensin 2 domain containing (UTS2D), Homo sapiens WD repeat domain 66 (WDR66), Homo sapiens X antigen family, member 1B (XAGE1B), RC2-CT0321-110100-013-c08 CT0321 Homo sapiens cDNA, Homo sapiens mutS homolog 5 (E. coli) (MSH5), Homo sapiens Mdm2, transformed 3T3 cell double minute 2, p53 binding protein (mouse) binding protein, 104kDa (MTBP), Homo sapiens collagen, type XI, alpha 1 (COL11A1), Homo sapiens docking protein 7 (DOK7), Homo sapiens fibroblast growth factor 11 (FGF11), Homo sapiens glutamate decarboxylase 1 (brain, 67kDa) (GAD1), Homo sapiens HORMA domain containing 1 (HORMAD1), Homo sapiens melanoma antigen family A, 12 (MAGEA12), Homo sapiens matrix metallopeptidase 7 (matrilysin, uterine) (MMP7), Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), Homo sapiens NOL1/NOP2/Sun domain family, member 5 (NSUN5), Homo sapiens T-box 1 (TBX1), Homo sapiens tumor

necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A6 (UGT1A6), Homo sapiens zinc finger protein 280A (ZNF280A), Homo sapiens epiphycan (EPYC), Homo sapiens neuromedin U (NMU), Homo sapiens SPRY domain containing 5 (SPRYD5), Homo sapiens variable charge, X-linked 2 (VCX2), 17000532640995 GRN_ES Homo sapiens cDNA 5, Homo sapiens hypothetical protein LOC651957 (LOC651957), Homo sapiens variable charge, X-linked 3A (VCX3A), Homo sapiens chemokine (C-X-C motif) receptor 3 (CXCR3), Homo sapiens histone cluster 1, H2am (HIST1H2AM), Homo sapiens kinesin family member 24 (KIF24), Homo sapiens chromosome 3 open reading frame 32 (C3orf32), Homo sapiens interleukin 8 (IL8), Homo sapiens small nucleolar RNA, H/ACA box 72 (SNORA72), Homo sapiens neurotensin (NTS), Homo sapiens protein phosphatase 1E (PP2C domain containing) (PPM1E), Homo sapiens transmembrane 4 L six family member 19, transcript variant 2 (TM4SF19), Homo sapiens baculoviral IAP repeat-containing 7 (BIRC7), Homo sapiens neurexophilin 4 (NXPH4), Homo sapiens annexin A13 (ANXA13), Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 (APOBEC1), Homo sapiens chromosome 1 open reading frame 110 (C1orf110), Homo sapiens C1q and tumor necrosis factor related protein 3 (C1QTNF3), Homo sapiens CD70 molecule (CD70), Homo sapiens cytochrome c oxidase subunit VIIb2 (COX7B2), Homo sapiens G antigen 12B (GAGE12B), Homo sapiens G antigen 12G (GAGE12G), Homo sapiens glyceraldehyde-3-phosphate dehydrogenase, spermatogenic (GAPDHS), Homo sapiens gametocyte specific factor 1 (GTSF1), Homo sapiens histone cluster 1, H2bj (HIST1H2BJ), Homo sapiens histone cluster 2, H4a (HIST2H4A), Homo sapiens internexin neuronal intermediate filament protein, alpha (INA), Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 6 (KCNH6), Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta member 2 (KCNMB2), Homo sapiens KIAA1688 protein (KIAA1688), Homo sapiens LIM homeobox 8 (LHX8), Homo sapiens misc_RNA (LOC100131707), Homo sapiens misc_RNA (LOC100133312), Homo sapiens hypothetical protein LOC100133542 (LOC100133542), Homo sapiens similar to keratin 8 (LOC100134794), Homo sapiens misc_RNA (LOC651397), Homo sapiens misc_RNA (LOC728178), Homo sapiens melanoma antigen family A, 1 (directs expression of antigen MZ2-E) (MAGEA1), Homo sapiens melanoma antigen family A, 4 (MAGEA4), Homo sapiens melanoma antigen family A, 6 (MAGEA6), Homo sapiens melanoma antigen family B, 2 (MAGEB2), Homo sapiens melanoma antigen family C, 1 (MAGEC1), Homo sapiens melanoma antigen family C, 2 (MAGEC2), Homo sapiens microtubule-associated protein 1 light chain 3 alpha (MAP1LC3A), transcript variant 2, Homo sapiens mitogen-activated protein kinase kinase

kinase kinase 1 (MAP4K1), transcript variant 1, Homo sapiens microRNA 25 (MIR25), Homo sapiens metallothionein-like 5, testis-specific (tesmin) (MTL5), Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 (NDUFA4L2), Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), Homo sapiens NOP2/Sun domain family, member 5C (NSUN5C), Homo sapiens odorant binding protein 2B (OBP2B), Homo sapiens P antigen family, member 2 (prostate associated) (PAGE2), Homo sapiens P antigen family, member 5 (prostate associated) (PAGE5), Homo sapiens piccolo (presynaptic cytomatrix protein) (PCLO), Homo sapiens piwi-like 1 (Drosophila) (PIWIL1), Homo sapiens podocalyxin-like 2 (PODXL2), Homo sapiens prion protein 2 (dublet) (PRND), Homo sapiens solute carrier family 45, member 2 (SLC45A2), transcript variant 1, Homo sapiens small nucleolar RNA, C/D box 3A (SNORD3A), Homo sapiens small nucleolar RNA, C/D box 3C (SNORD3C), Homo sapiens small nucleolar RNA, C/D box 3D (SNORD3D), Homo sapiens Sad1 and UNC84 domain containing 1 (SUNC1), Homo sapiens synaptotagmin XIII (SYT13), Homo sapiens tripartite motif family-like 2 (TRIML2), Homo sapiens transient receptor potential cation channel, subfamily M, member 2 (TRPM2), Homo sapiens tubulin, beta 3 (TUBB3), Homo sapiens urothelial cancer associated 1 (non-protein coding) (UCA1), Homo sapiens variable charge, X-linked (VCX), Homo sapiens variably charged X-C (VCX-C), Homo sapiens variable charge, X-linked 2 (VCX2), Homo sapiens variable charge, Y-linked (VCY), Homo sapiens VGF nerve growth factor inducible (VGF), Homo sapiens X antigen family, member 1 (XAGE1), HESC3_16_C05.g1_A036 Human embryonic stem cells Homo sapiens cDNA clone IMAGE:7476876 5. Any one or combination of 2 or more of the foregoing cancer associated sequences may be used in any of the embodiments disclosed herein, including methods of diagnosing, detecting, visualizing and treating cancer, as well as compositions and kits related to the treatment, detection, visualization and diagnosis of cancer as described infra.

[0063] In some embodiments, cancer associated sequences may include both nucleic acid and amino acid sequences. In some embodiments, the cancer associated sequences may include sequences having at least about 60% homology with the disclosed sequences. In some embodiments, the cancer associated sequences may have at least about 65%, about 70%, about 75%, about 80%, about 85%, about 90%, about 95%, about 97%, about 99%, about 99.8% homology with the disclosed sequences. In some embodiments, the cancer associated sequences may be "mutant nucleic acids". As used herein, "mutant nucleic acids" refers to deletion mutants, insertions, point mutations, substitutions, translocations.

[0064] In some embodiments, the cancer associated sequences are nucleic acids. As will be appreciated by those skilled in the art and is described herein, cancer associated

sequences of embodiments herein may be useful in a variety of applications including diagnostic applications to detect nucleic acids or their expression levels in a subject, therapeutic applications or a combination thereof. Further, the cancer associated sequences of embodiments herein may be used in screening applications; for example, generation of biochips comprising nucleic acid probes to the cancer associated sequences.

[0065] In some embodiments, the cancer associated sequences may be recombinant nucleic acids. By the term "recombinant nucleic acid" herein refers to nucleic acid molecules, originally formed in vitro, in general, by the manipulation of nucleic acid by polymerases and endonucleases, in a form not normally found in nature. Thus a recombinant nucleic acid may also be an isolated nucleic acid, in a linear form, or cloned in a vector formed in vitro by ligating DNA molecules that are not normally joined, are both considered recombinant for the purposes of this invention. It is understood that once a recombinant nucleic acid is made and reintroduced into a host cell or organism, it can replicate using the in vivo cellular machinery of the host cell rather than in vitro manipulations; however, such nucleic acids, once produced recombinantly, although subsequently replicated in vivo, are still considered recombinant or isolated for the purposes of the invention. As used herein, a "polynucleotide" or "nucleic acid" is a polymeric form of nucleotides of any length, either ribonucleotides or deoxyribonucleotides. This term includes double- and single-stranded DNA and RNA. It also includes known types of modifications, for example, labels which are known in the art, methylation, "caps", substitution of one or more of the naturally occurring nucleotides with an analog, internucleotide modifications-such as, for example, those with uncharged linkages (e.g., phosphorothioates, phosphorodithioates, etc.), those containing pendant moieties, such as, for example proteins (including e.g., nucleases, toxins, antibodies, signal peptides, poly-L-lysine, etc.), those with intercalators (e.g., acridine, psoralen, etc.), those containing chelators (e.g., metals, radioactive metals, etc.), those containing alkylators, those with modified linkages (e.g., alpha anomeric nucleic acids, etc.), as well as unmodified forms of the polynucleotide.

[0066] A nucleic acid of the present disclosure may include phosphodiester bonds, although in some cases, as outlined below (for example, in antisense applications or when a nucleic acid is a candidate drug agent), nucleic acid analogs may have alternate backbones, comprising, for example, phosphoramidate (Beaucage et al., Tetrahedron 49(10):1925 (1993) and references therein; Letsinger, J. Org. Chem. 35:3800 (1970); Sprinzl et al., Eur. J. Biochem. 81:579 (1977); Letsinger et al., Nucl. Acids Res. 14:3487 (1986); Sawai et al, Chem. Lett. 805 (1984), Letsinger et al., J. Am. Chem. Soc. 110:4470 (1988); and Pauwels et al., Chemica Scripta 26:141 91986)), phosphorothioate (Mag et al., Nucleic Acids Res.

19:1437 (1991); and U.S. Pat. No. 5,644,048), phosphorodithioate (Briu et al., J. Am. Chem. Soc. 111:2321 (1989), O-methylphosphoroamidite linkages (see Eckstein, Oligonucleotides and Analogues: A Practical Approach, Oxford University Press), and peptide nucleic acid backbones and linkages (see Egholm, J. Am. Chem. Soc. 114:1895 (1992); Meier et al., Chem. Int. Ed. Engl. 31:1008 (1992); Nielsen, Nature, 365:566 (1993); Carlsson et al., Nature 380:207 (1996), all of which are incorporated by reference). Other analog nucleic acids include those with positive backbones (Denpcy et al., Proc. Natl. Acad. Sci. USA 92:6097 (1995); non-ionic backbones (U.S. Pat. Nos. 5,386,023, 5,637,684, 5,602,240, 5,216,141 and 4,469,863; Kiedrowshi et al., Angew. Chem. Intl. Ed. English 30:423 (1991); Letsinger et al., J. Am. Chem. Soc. 110:4470 (1988); Letsinger et al., Nucleoside & Nucleotide 13:1597 (1994); Chapters 2 and 3, ASC Symposium Series 580, "Carbohydrate Modifications in Antisense Research", Ed. Y. S. Sanghui and P. Dan Cook; Mesmaeker et al., Bioorganic & Medicinal Chem. Lett. 4:395 (1994); Jeffs et al., J. Biomolecular NMR 34:17 (1994); Tetrahedron Lett. 37:743 (1996)) and non-ribose backbones, including those described in U.S. Pat. Nos. 5,235,033 and 5,034,506, and Chapters 6 and 7, ASC Symposium Series 580, "Carbohydrate Modifications in Antisense Research", Ed. Y. S. Sanghui and P. Dan Cook. Nucleic acids containing one or more carbocyclic sugars are also included within one definition of nucleic acids (see Jenkins et al., Chem. Soc. Rev. (1995) pp 169-176). Several nucleic acid analogs are described in Rawls, C & E News Jun. 2, 1997 page 35. All of these references are hereby expressly incorporated by reference. These modifications of the ribose-phosphate backbone may be done for a variety of reasons, for example to increase the stability and half-life of such molecules in physiological environments for use in anti-sense applications or as probes on a biochip.

[0067] As will be appreciated by those skilled in the art, such nucleic acid analogs may be used in some embodiments of the present disclosure. In addition, mixtures of naturally occurring nucleic acids and analogs can be made; alternatively, mixtures of different nucleic acid analogs, and mixtures of naturally occurring nucleic acids and analogs may be made.

[0068] In some embodiments, the nucleic acids may be single stranded or double stranded or may contain portions of both double stranded or single stranded sequence. As will be appreciated by those skilled in the art, the depiction of a single strand also defines the sequence of the other strand; thus the sequences described herein also includes the complement of the sequence. The nucleic acid may be DNA, both genomic and cDNA, RNA, or a hybrid, where the nucleic acid contains any combination of deoxyribo- and ribo-nucleotides, and any combination of bases, including uracil, adenine, thymine, cytosine, guanine, inosine, xanthine, hypoxanthine, isocytosine, isoguanine, etc. As used herein, the

term "nucleoside" includes nucleotides and nucleoside and nucleotide analogs, and modified nucleosides such as amino modified nucleosides. In addition, "nucleoside" includes non-naturally occurring analog structures. Thus, for example, the subject units of a peptide nucleic acid, each containing a base, are referred to herein as a nucleoside.

[0069] In some embodiments, an isolated nucleic acid comprises at least 10, 12, 15, 20 or 30 contiguous nucleotides of a sequence selected from the group consisting of the cancer associated polynucleotide sequences disclosed in Table 1.

[0070] In some embodiments, the polynucleotide, or its complement or a fragment thereof, further comprises a detectable label, is attached to a solid support, is prepared at least in part by chemical synthesis, is an antisense fragment, is single stranded, is double stranded or comprises a microarray.

[0071] In some embodiments, the invention provides an isolated polypeptide, encoded within an open reading frame of a cancer associated sequence selected from the polynucleotide sequences shown in Table 1, or its complement. In some embodiments, the invention provides an isolated polypeptide, wherein said polypeptide comprises the amino acid sequence encoded by a polynucleotide selected from the group consisting of the sequences disclosed in Table 1. In some embodiments, the invention provides an isolated polypeptide, wherein said polypeptide comprises the amino acid sequence encoded by a cancer associated polypeptide.

[0072] In some embodiments, the invention further provides an isolated polypeptide, comprising the amino acid sequence of an epitope of the amino acid sequence of a cancer associated polypeptide, wherein the polypeptide or fragment thereof may be attached to a solid support. In some embodiments the invention provides an isolated antibody (monoclonal or polyclonal) or antigen binding fragment thereof, that binds to such a polypeptide. The isolated antibody or antigen binding fragment thereof may be attached to a solid support, or further comprises a detectable label.

[0073] Some embodiments herein are directed to one or more sequences associated with cancer, including any cancer disclosed infra. The sequences disclosed herein may also be used for diagnosis and treatment of other conditions in which cells have become immortalized. The use of microarray analysis of gene expression allows the identification of host sequences associated with cancer. These sequences may then be used in a number of different ways, including diagnosis, prognosis, screening for modulators (including both agonists and antagonists), antibody generation (for immunotherapy and imaging), etc. However, as will be appreciated by those skilled in the art, sequences that are identified in one type of cancer may have a strong likelihood of being involved in other types of cancers as well. Thus, while the

sequences outlined herein may be initially identified as correlated with one or more types of cancers, they may also be found in other types of cancers as well.

[0074] Some embodiments described herein may be directed to the use of cancer associated sequences for diagnosis, prognosis, visualization and treatment of cancer. Any of the cancer associated sequences disclosed herein may be used. The cancer types include any of the cancers disclosed infra. The markers disclosed herein may also be used for diagnosis and treatment of other conditions in which cells have become immortalized.

Methods of Diagnosing and Detecting Cancer

[0075] In some embodiments, a method of diagnosing and/or detecting cancer in a sample may comprise detecting a level of the cancer associated protein in a sample. In some embodiments, a method of screening for cancer may comprise detecting a level of the cancer associated protein. In some embodiments, the cancer associated protein is encoded by a nucleotide sequence selected from the sequences disclosed in Table 1, a fraction thereof or a complementary sequence thereof or a cancer associated sequence disclosed infra. In some embodiments, technologies such as ELISA, as well as other detection methods may be used.

[0076] Any technique known in the art may be used to assay a sample for presence of cancer cells. In some embodiments, detecting a level of a cancer associated sequence may comprise techniques such as, but not limited to, PCR, mass spectroscopy, microarray or other detection techniques described herein. Other suitable techniques include the gel electrophoresis, gel shift assays, nuclear run on assays, ELISAs radio immuno-assays, flow cytometric assays, microscopy, such as fluorescent microscopy, affinity chromatography, immune-precipitation, branched RNA and the like. Information relating to expression of the receptor can also be useful in determining therapies aimed at up or down-regulating the cancer associated sequence's signaling using agonists or antagonists.

[0077] In some embodiments cancer can be detected in a sample by isolating a nucleic acid from the sample. The nucleic acid may be an RNA molecule such as an mRNA molecule. The RNA molecule can be transcribed into cDNA. The cDNA can be analyzed by gel electrophoresis. The cDNA can be transferred from the gel onto a support, such as membrane. The cDNA can be hybridized with a probe that specifically binds to it. The probe can be labeled with a detectable substance. The signal obtained from the detectable substance can be measured and the amount of cancer associated sequence present in the sample may be determined, e.g. by comparing the signal obtained with the signal obtained from a known quantity of the cancer associated sequence. Alternatively, the cDNA molecule can be amplified using PCR before gel electrophoresis. In another embodiment rtPCR or qPCR may be used to analyze and quantitate the amount of cancer associated sequence in sample.

[0078] In other embodiments a protein encoded for by a cancer associated sequence can be isolated from a sample and contacted with an antibody that specifically binds to the protein. The antibody can be label with a detectable substance. By measuring the signal from the detectable substance the amount of protein encoded for by the cancer associated sequence can be determined, e.g. by comparing the signal obtained using the same antibody on a known quantity of the protein.

[0079] In some embodiments, a subject can be diagnosed with cancer by detecting the presence of a cancer associated sequence selected from the sequences disclosed in Table 1. In some embodiments, a method of diagnosing a subject with cancer comprises detecting the presence of a cancer associated sequence selected from the sequences disclosed in Table 1, wherein the presence of the cancer associated sequence indicates that the subject has cancer. In some embodiments, the method comprises detecting the presence or absence of a cancer associated sequence selected from the sequences disclosed in Table 1, wherein the absence of the cancer associated sequence indicates that absence of cancer. In some embodiments, the method further comprises treating the subject diagnosed with cancer with an antibody that binds to a cancer associated sequence selected from the sequences disclosed in Table 1 and inhibits the growth or progression of the cancer. As discussed, cancer may be detected in any type of sample, including, but not limited to, serum, blood, tumor and the like. The sample may be any type of sample as it is described herein.

[0080] In some embodiments, the method of diagnosing a subject with cancer comprises obtaining a sample and detecting the presence of a cancer associated sequence selected from sequences disclosed in Table 1 wherein the presence of the cancer associated sequence indicates the subject has cancer. In some embodiments, detecting the presence of a cancer associated sequence selected from sequences disclosed in Table 1 comprises contacting the sample with an antibody or other type of capture reagent that specifically binds to the cancer associated sequence's protein and detecting the presence or absence of the binding to the cancer associated sequence's protein in the sample. An example of an assay that can be used includes but is not limited to, an ELISA.

[0081] In some embodiments, the present disclosure provides a method of diagnosing cancer, or a neoplastic condition in a subject, the method comprising obtaining a cancer associated sequence gene expression result of a cancer associated sequence selected from sequences disclosed in Table 1 from a sample derived from a subject; and diagnosing cancer or a neoplastic condition in the subject based on the cancer associated sequence gene expression result, wherein the subject is diagnosed as having cancer or a neoplastic condition if the cancer associated sequence is overexpressed.

[0082] In some embodiments, the subject is diagnosed as not having cancer, cancer, or a neoplastic condition if the cancer associated sequence is not overexpressed. In some embodiments of the methods described herein and throughout, the cancer that is diagnosed based upon a cancer associated sequence gene expression result or the absence or presence of a cancer associated sequence or protein. Any cancer associated sequence disclosed infra. may be used.

[0083] In some embodiments, a method of diagnosing a subject with cancer comprises obtaining a sample and detecting the presence of a cancer associated sequence selected from a sequence disclosed in Table 1 wherein the presence of the cancer associated sequence indicates the subject has cancer. In some embodiments, detecting the presence of a cancer associated sequence selected from a sequence disclosed in Table 1 comprises contacting the sample with an antibody or other type of capture reagent that specifically binds to the cancer associated sequence's protein and detecting the presence or absence of the binding to the cancer associated sequence's protein in the sample.

[0084] Some embodiments herein describe method of diagnosing cancer or a neoplastic condition comprising administering an antibody against the cancer associated sequence to a subject. In some embodiments, the antibody may be monoclonal or polyclonal. In some embodiments, the antibody may be humanized or recombinant. In some embodiments, the antibody may neutralize biological activity of the cancer associated sequence by binding to and/or interfering with the cancer associated sequence's receptor. In some embodiments, administering the antibody may be to a biological fluid or tissue, such as, without limitation, blood, urine, serum, tumor tissue, or the like. Some embodiments herein may be directed to a method of screening for cancer comprising detecting the presence of the cancer associated sequence in a biological sample. In some embodiments, the biological sample may be any biological fluid or tissue from a subject, such as, without limitation, blood, urine, serum, tumor tissue, or the like.

[0085] In some embodiments, the present disclosure provides methods of diagnosing cancer or a neoplastic condition in a subject, the method comprising obtaining a gene expression result of a cancer associated sequence as disclosed infra.

[0086] Some embodiments are directed to a biochip comprising a nucleic acid segment which encodes a cancer associated protein. In some embodiments, a biochip comprises a nucleic acid molecule which encodes at least a portion of a cancer associated protein. In some embodiments, the cancer associated protein is encoded by a sequence selected from a sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof. In some embodiments, the nucleic acid molecule specifically hybridizes with a nucleic acid

sequence selected from a sequence disclosed in Table 1. In some embodiments, the biochip comprises a first and second nucleic molecule wherein the first nucleic acid molecule specifically hybridizes with a first sequence selected from a sequence disclosed in Table 1 and the second nucleic acid molecule specifically hybridizes with a second sequence selected from a sequence disclosed in Table 1, wherein the first and second sequences are not the same sequence. In some embodiments, the present invention provides methods of detecting or diagnosing cancer comprising detecting the expression of a nucleic acid sequence selected from a sequence disclosed in Table 1, wherein a sample is contacted with a biochip comprising a sequence selected from a sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof.

[0087] In some embodiments, the invention provides a method for detecting a cancer associated sequence with the expression of a polypeptide in a test sample, comprising detecting a level of expression of at least one polypeptide such as, without limitation, a cancer associated protein, or a fragment thereof. In some embodiments, the method comprises comparing the level of expression of the polypeptide in the test sample with a level of expression of polypeptide in a normal sample, wherein an altered level of expression of the polypeptide in the test sample relative to the level of polypeptide expression in the normal sample is indicative of the presence of cancer in the test sample. In some embodiments, the polypeptide expression is compared to a cancer sample, wherein the level of expression is at least the same as the cancer is indicative of the presence of cancer in the test sample. In some embodiments, the sample is a cell sample.

[0088] In some embodiments, the invention provides a method for detecting cancer by detecting the presence of an antibody in a test serum sample. In some embodiments, the antibody recognizes a polypeptide or an epitope thereof disclosed herein. In some embodiments, the antibody recognizes a polypeptide or epitope thereof encoded by a nucleic acid sequence disclosed herein. In some embodiments, the method comprises detecting a level of an antibody against an antigenic polypeptide such as, without limitation, a cancer associated protein, or an antigenic fragment thereof. In some embodiments, the method comprises comparing the level of the antibody in the test sample with a level of the antibody in the control sample, wherein an altered level of antibody in said test sample relative to the level of antibody in the control sample is indicative of the presence of cancer in the test sample. In some embodiments, the control sample is a sample derived from a normal cell or non-cancerous sample. In some embodiments, the control is derived from a cancer sample, and, therefore, in some embodiments, the method comprises comparing the levels of binding and/or

the amount of antibody in the sample, wherein when the levels or amount are the same as the cancer control sample is indicative of the presence of cancer in the test sample.

[0089] In some embodiments, a method for diagnosing cancer or a neoplastic condition comprises a) determining the expression of one or more genes comprising a nucleic acid sequence selected from the group consisting of the human genomic and mRNA sequences described in Table 1, in a first sample type (*e.g.* tissue) of a first individual; and b) comparing said expression of said gene(s) from a second normal sample type from said first individual or a second unaffected individual; wherein a difference in said expression indicates that the first individual has cancer. In some embodiments, the expression is increased as compared to the normal sample. In some embodiments, the expression is decreased as compared to the normal sample.

[0090] In some embodiments, the invention also provides a method for detecting presence or absence of cancer cells in a sample from a subject. In some embodiments, the method comprises contacting one or more cells from the subject with an antibody as described herein. In some embodiments, the method comprises detecting a complex of a cancer associated protein and the antibody, wherein detection of the complex indicates with the presence of cancer cells in the subject. In some embodiments the invention provides a method for inhibiting growth of cancer cells in a subject. In some embodiments, the method comprises administering to the subject an effective amount of a pharmaceutical composition as described herein. In some embodiments the invention provides a method for delivering a therapeutic agent to cancer cells in a subject, the method comprising: administering to the subject an effective amount of a pharmaceutical composition according to according to the invention.

[0091] In some embodiments, the present disclosure provides methods of diagnosing cancer or a neoplastic condition in a subject, the method comprising: a) determining the expression of one or more genes or gene products or homologs thereof; and b) comparing said expression of the one or more nucleic acid sequences from a second normal sample from said first subject or a second unaffected subject, wherein a difference in said expression indicates that the first subject has cancer.

[0092] In some embodiments, the present disclosure provides methods of detecting cancer in a test sample, comprising: (i) detecting a level of activity of at least one polypeptide that is a gene product; and (ii) comparing the level of activity of the polypeptide in the test sample with a level of activity of polypeptide in a normal sample, wherein an altered level of activity of the polypeptide in the test sample relative to the level of polypeptide activity in the normal sample is indicative of the presence of cancer in the test sample.

Screening for Cancer Therapeutics and Cancer Inhibitors

[0093] In some embodiments, a method of identifying an anti-cancer agent is provided, wherein the method comprises contacting a candidate agent to a sample; and determining the cancer associated sequence's activity in the sample. In some embodiments, the candidate agent is identified as an anti-cancer agent if the cancer associated sequence's activity is reduced in the sample after the contacting. In some embodiments, the candidate agent is a candidate antibody. In some embodiments, the method comprises contacting a candidate antibody that binds to the cancer associated sequence with a sample, and assaying for the cancer associated sequence's activity, wherein the candidate antibody is identified as an anti-cancer agent if the cancer associated sequence activity is reduced in the sample after the contacting. A cancer associated sequence's activity can be any activity of the cancer associated sequence.

[0094] In some embodiments, the present disclosure provides methods of identifying an anti cancer (*e.g.* cancer) agent, the method comprising contacting a candidate agent to a cell sample; and determining activity of one or more cancer associated sequences disclosed infra. Th activity can be measured by any method known in the art.

[0095] In some embodiments, a method of screening drug candidates includes comparing the level of expression of the cancer-associated sequence in the absence of the drug candidate to the level of expression in the presence of the drug candidate.

[0096] Some embodiments are directed to a method of screening for a therapeutic agent capable of binding to a cancer-associated sequence (nucleic acid or protein), the method comprising combining the cancer-associated sequence and a candidate therapeutic agent, and determining the binding of the candidate agent to the cancer-associated sequence.

[0097] Further provided herein is a method for screening for a therapeutic agent capable of modulating the activity of a cancer-associated sequence. In some embodiments, the method comprises combining the cancer-associated sequence and a candidate therapeutic agent, and determining the effect of the candidate agent on the bioactivity of the cancer-associated sequence. An agent that modulates the bioactivity of a cancer associated sequence may be used as a therapeutic agent capable of modulating the activity of a cancer-associated sequence.

[0098] A method of screening for anticancer activity, the method comprising: (a) contacting a cell that expresses a cancer associated gene which transcribes a cancer associated sequence selected from a sequence disclosed in Table 1, homologs thereof, combinations thereof, or fragments thereof with an anticancer drug candidate; (b) detecting an effect of the anticancer drug candidate on an expression of the cancer associated polynucleotide in the cell;

and (c) comparing the level of expression in the absence of the drug candidate to the level of expression in the presence of the drug candidate; wherein an effect on the expression of the cancer associate polynucleotide indicates that the candidate has anticancer activity.

[0099] In some embodiments, a method of evaluating the effect of a candidate cancer drug may comprise administering the drug to a patient and removing a cell sample from the patient. The expression profile of the cell is then determined. In some embodiments, the method may further comprise comparing the expression profile of the patient to an expression profile of a healthy individual. In some embodiments, the expression profile comprises measuring the expression of one or more or any combination thereof of the sequences disclosed herein. In some embodiments, where the expression profile of one or more or any combination thereof of the sequences disclosed herein is modified (increased or decreased) the candidate cancer drug is said to be effective.

[00100] In some embodiments, the invention provides a method of screening for anticancer activity comprising: (a) providing a cell that expresses a cancer associated gene that encodes a nucleic acid sequence selected from the group consisting of the cancer associated sequences shown in Table 1, or fragment thereof, (b) contacting the cell, which can be derived from a cancer cell with an anticancer drug candidate; (c) monitoring an effect of the anticancer drug candidate on an expression of the cancer associated sequence in the cell sample, and optionally (d) comparing the level of expression in the absence of said drug candidate to the level of expression in the presence of the drug candidate. The drug candidate may be an inhibitor of transcription, a G-protein coupled receptor antagonist, a growth factor antagonist, a serine-threonine kinase antagonist, a tyrosine kinase antagonist. In some embodiments, where the candidate modulates the expression of the cancer associated sequence the candidate is said to have anticancer activity. In some embodiments, the anticancer activity is determined by measuring cell growth. In some embodiments, the candidate inhibits or retards cell growth and is said to have anticancer activity. In some embodiments, the candidate causes the cell to die, and thus, the candidate is said to have anticancer activity.

[00101] In some embodiments, the present invention provides a method of screening for activity against cancer. In some embodiments, the method comprises contacting a cell that overexpresses a cancer associated gene which is complementary to a cancer associated sequence selected from the sequences disclosed in Table 1, homologs thereof, combinations thereof, or fragments thereof with a cancer drug candidate. In some embodiments, the method comprises detecting an effect of the cancer drug candidate on an expression of the cancer associated polynucleotide in the cell or an effect on the cell's growth or viability. In some embodiments, the method comprises comparing the level of expression, cell growth, or

viability in the absence of the drug candidate to the level of expression, cell growth, or viability in the presence of the drug candidate; wherein an effect on the expression of the cancer associated polynucleotide, cell growth, or viability indicates that the candidate has activity against a cancer cell that overexpresses a cancer associated gene, wherein said gene comprises a sequence that is a sequence selected from the sequences disclosed in Table 1, or complementary thereto, homologs thereof, combinations thereof, or fragments thereof. In some embodiments, the drug candidate is selected from a transcription inhibitor, a G-protein coupled receptor antagonist, a growth factor antagonist, a serine-threonine kinase antagonist, or a tyrosine kinase antagonist.

[00102] In some embodiments, the invention provides a method for screening for a therapeutic agent capable of modulating the activity of a cancer associated sequence, wherein said sequence can be encoded by a nucleic acid comprising a nucleic acid sequence selected from the group consisting of the polynucleotide sequences shown in Table 1, said method comprising: a) combining said cancer associated sequence and a candidate therapeutic agent; and b) determining the effect of the candidate agent on the bioactivity of said cancer associated sequence. In some embodiments, the therapeutic agent: affects the expression of the cancer associated sequence; affects the activity of the cancer associated sequence. In some embodiments, the cancer associated sequence is a cancer associated protein. In some embodiments, the cancer associated sequence is a cancer associated nucleic acid molecule.

Methods for Identifying Cancer Markers

[00103] Some embodiments of the invention include methods of screening a sample for a cancer marker, e.g. a cancer associated sequence. Cells can be screened using any technique known in the art. For example microarrays can be used. Gene expression can be analyzed in cells from the sample. Comparisons between samples known to contain cancer cells and samples known to be free of cancer cells can be made. The samples containing the cancer cells and those free of cancer may be comprised of cells of the same tissue type.

[00104] Some embodiments of the invention are directed to methods of identifying novel target markers useful in the diagnosis and treatment of cancer wherein expression levels of mRNAs, miRNAs, proteins, or protein post translational modifications including but not limited to phosphorylation and sumoylation are compared between five categories of cell types: (1) immortal pluripotent stem cells (such as embryonic stem ("ES") cells, induced pluripotent stem ("iPS") cells, and germ-line cells such as embryonal carcinoma ("EC") cells) or gonadal tissues; (2) ES, iPS, or EC-derived clonal embryonic progenitor ("EP") cell lines, (3) nucleated blood cells including but not limited to CD34+ cells and CD133+ cells; (4) normal mortal somatic adult-derived tissues and cultured cells including: skin fibroblasts,

vascular endothelial cells, normal non-lymphoid and non-cancerous tissues, and the like, and (5) malignant cancer cells including cultured cancer cell lines or human tumor tissue. mRNAs, miRNAs, or proteins that are generally expressed (or not expressed) in categories 1, 3, and 5, or categories 1 and 5 but not expressed (or expressed) in categories 2 and 4 are candidate targets for cancer diagnosis and therapy. Some embodiments herein are directed to human applications, non-human veterinary applications, or a combination thereof.

[00105] In some embodiments, a method of identifying a target marker comprises the steps of: 1) obtaining a molecular profile of the mRNAs, miRNAs, proteins, or protein modifications of immortal pluripotent stem cells (such as embryonic stem ("ES") cells, induced pluripotent stem ("iPS") cells, and germ-line cells such as embryonal carcinoma ("EC") cells); 2) ES, iPS, or EC-derived clonal embryonic progenitor ("EP") cell lines malignant cancer cells including cultured cancer cell lines or human tumor tissues, and comparing those molecules to those present in mortal somatic cell types such as cultured clonal human embryonic progenitors, cultured somatic cells from fetal or adult sources, or normal tissue counterparts to malignant cancer cells. Target markers that are shared between pluripotent stem cells such as hES cells and malignant cancer cells, but are not present in a majority of somatic cell types may be candidate diagnostic markers and therapeutic targets.

[00106] Cancer associated sequences of embodiments herein are disclosed, for example, in Table 1. These sequences were extracted from fold-change and filter analysis KC110729.5. Expression of these cancer associated sequences in normal and tumor tissues is disclosed in Table 2. Once expression was determined, the gene sequence results were further filtered by considering fold-change in cancer cell lines vs. normal tissue; general specificity; secreted or not, level of expression in cancer cell lines; and signal to noise ratio. The cancer associated polynucleotide sequences include a sequence disclosed in Table 1 or a homolog thereof. In some embodiments, the polynucleotide sequences may be mRNA sequences selected from a sequence disclosed in Table 1, a complement thereof or a homolog thereof. In some embodiments, the cancer associated sequences may be DNA sequences encoding the above mRNA or the cancer associated protein or cancer associated polypeptide expressed by the above mRNA or homologs thereof. In some embodiments, the cancer associated sequence may be a mutant nucleic acid of the above disclosed sequences. In some embodiments, the homolog may have at least about 60%, at least about 65%, at least about 70%, at least about 75%, at least about 80%, at least about 85%, at least about 90%, at least about 95%, at least about 97%, at least about 98%, at least about 99%, at least about 99.5% identity with the disclosed polypeptide sequence.

[00107] The disclosed methods for identifying diagnostic and/or detection markers of cancer and therapeutic targets for the same overlap in some but not all cases with telomerase activity. The disclosed methods may be used to screen for markers for any cancer, including without limitation: apudoma, choristoma, branchioma, malignant carcinoid syndrome, carcinoid heart disease, carcinoma (e.g., Walker, basal cell, basosquamous, Brown-Pearce, ductal, Ehrlich tumor, in situ, Krebs 2, merkel cell, mucinous, non-small cell lung, oat cell, papillary, scirrhous, bronchiolar, bronchogenic, squamous cell, and transitional-cell), histiocytic disorders, leukemia (e.g., b-cell, mixed-cell, null-cell, T-cell, T-cell chronic, HTLV-II-associated, lyphocytic acute, lymphocytic chronic, mast-cell, and myeloid), histiocytosis malignant, Hodgkin's disease, immunoproliferative small, non-Hodgkin's lymphoma, plasmacytoma, reticuloendotheliosis, melanoma, chondroblastoma, chondroma, chondrosarcoma, fibroma, fibrosarcoma, giant cell tumors, histiocytoma, lipoma, liposarcoma, mesothelioma, myxoma, myxosarcoma, osteoma, osteosarcoma, Ewing's sarcoma, synovioma, adenofibroma, adenolymphoma, carcinosarcoma, chordoma, craniopharyngioma, dysgerminoma, hamartoma, mesenchymoma, mesonephroma, myosarcoma, ameloblastoma, cementoma, odontoma, teratoma, thymoma, trophoblastic tumor, adenocarcinoma, adenoma, cholangioma, cholesteatoma, cylindroma, cystadenocarcinoma, cystadenoma, granulosa cell tumor, gynandroblastoma, hepatoma, hidradenoma, islet cell tumor, leydig cell tumor, papilloma, sertoli cell tumor, theca cell tumor, leiomyoma, leiomyosarcoma, myoblastoma, myoma, myosarcoma, rhabdomyoma, rhabdomyosarcoma, ependymoma, ganglioneuroma, glioma, medulloblastoma, meningioma, neurilemmoma, neuroblastoma, neuroepithelioma, neurofibroma, neuroma, paraganglioma, paraganglioma nonchromaffin, angiokeratoma, angiolymphoid hyperplasia with eosinophilia, angioma sclerosing, angiomatosis, glomangioma, hemangioendothelioma, hemangioma, hemangiopericytoma, hemangiosarcoma, lymphangioma, lymphangiomyoma, lymphangiosarcoma, pinealoma, carcinosarcoma, chondrosarcoma, cystosarcoma phyllodes, fibrosarcoma, hemangiosarcoma, leiomyosarcoma, leukosarcoma, liposarcoma, lymphangiosarcoma, myosarcoma, myxosarcoma, osteosarcoma, rhabdomyosarcoma, sarcoma (e.g., Ewing's, experimental, Kaposi's, and mast-cell), neoplasms of the bone, breast, digestive system, colorectal, liver, pancreatic, pituitary, testicular, orbital, head and neck, central nervous system, acoustic, pelvic, respiratory tract, and urogenital trect, neurofibromatosis, and cervix dysplasia, and for treatment of other conditions in which cells have become immortalized.

[00108] The pattern of gene expression in a particular living cell may be characteristic of its current state. Nearly all differences in the state or type of a cell are reflected in the differences in RNA levels of one or more genes. Comparing expression patterns of

uncharacterized genes may provide clues to their function. High throughput analysis of expression of hundreds or thousands of genes can help in (a) identification of complex genetic diseases, (b) analysis of differential gene expression over time, between tissues and disease states, and (c) drug discovery and toxicology studies. Increase or decrease in the levels of expression of certain genes correlate with cancer biology. For example, oncogenes are positive regulators of tumorigenesis, while tumor suppressor genes are negative regulators of tumorigenesis. (Marshall, *Cell*, 64: 313-326 (1991); Weinberg, *Science*, 254: 1138-1146 (1991)). Accordingly, some embodiments herein provide for polynucleotide and polypeptide sequences involved in cancer and, in particular, in oncogenesis.

[00109] Oncogenes are genes that can cause cancer. Carcinogenesis can occur by a wide variety of mechanisms, including infection of cells by viruses containing oncogenes, activation of protooncogenes in the host genome, and mutations of protooncogenes and tumor suppressor genes. Carcinogenesis is fundamentally driven by somatic cell evolution (i.e. mutation and natural selection of variants with progressive loss of growth control). The genes that serve as targets for these somatic mutations are classified as either protooncogenes or tumor suppressor genes, depending on whether their mutant phenotypes are dominant or recessive, respectively.

[00110] It will be appreciated that there are various methods of obtaining expression data and uses of the expression data. For example, the expression data that can be used to detect or diagnose a subject with cancer can be obtained experimentally. In some embodiments, obtaining the expression data comprises obtaining the sample and processing the sample to experimentally determine the expression data. The expression data can comprise expression data for one or more of the cancer associated sequences described herein. The expression data can be experimentally determined by, for example, using a microarray or quantitative amplification method such as, but not limited to, those described herein. In some embodiments, obtaining expression data associated with a sample comprises receiving the expression data from a third party that has processed the sample to experimentally determine the expression data.

[00111] Detecting a level of expression or similar steps that are described herein may be done experimentally or provided by a third-party as is described herein. Therefore, for example, "detecting a level of expression" may refer to experimentally measuring the data and/or having the data provided by another party who has processed a sample to determine and detect a level of expression data. In some embodiments, the expression data may be detected experimentally and provided by a third party.

[00112] The comparison of gene expression on an mRNA level using Illumina gene expression microarrays hybridized to RNA probe sequences (shown in Table 1) prepared from the diverse categories of cell types: 1) human embryonic stem ("ES") cells, or gonadal tissues 2) ES, iPS, or EC-derived clonal embryonic progenitor ("EP") cell lines, 3) nucleated blood cells including but not limited to CD34+ cells and CD133+ cells; 4) Normal mortal somatic adult-derived tissues and cultured cells including: skin fibroblasts, vascular endothelial cells, normal non-lymphoid and non-cancerous tissues, and the like, and 5) malignant cancer cells including cultured cancer cell lines or human tumor tissue and filters was performed to detect genes that are generally expressed (or not expressed) in categories 1, 3, and 5, or categories 1 and 5 but not expressed (or expressed) in categories 2 and 4. Therapies in these cancers based on this observation would be based on reducing the expression of the above referenced transcripts up-regulated in cancer, or otherwise reducing the expression of the gene products.

[00113] Gene Expression Assays: Measurement of the gene expression levels may be performed by any known methods in the art, including but not limited to quantitative PCR, or microarray gene expression analysis, bead array gene expression analysis and Northern analysis. The gene expression levels may be represented as relative expression normalized to the *ADPRT* (Accession number NM_001618.2), *GAPD* (Accession number NM_002046.2), or other housekeeping genes known in the art. In the case of microarrayed probes of mRNA expression, the gene expression data may also be normalized by a median of medians method. In this method, each array gives a different total intensity. Using the median value is a robust way of comparing cell lines (arrays) in an experiment. As an example, the median was found for each cell line and then the median of those medians became the value for normalization. The signal from the each cell line was made relative to each of the other cell lines.

[00114] RNA extraction: Cells of the present disclosure may be incubated with 0.05% trypsin and 0.5 mM EDTA, followed by collecting in DMEM (Gibco, Gaithersburg, MD) with 0.5% BSA. Total RNA may be purified from cells using the RNeasy Mini kit (Qiagen, Hilden, Germany).

[00115] Isolation of total RNA and miRNA from human embryonic stem cells and differentiated progeny cells: Total RNA or samples enriched for small RNA species may be isolated from cell cultures that undergo serum starvation prior to harvesting RNA to approximate cellular growth arrest observed in many mature tissues. Cellular growth arrest may be performed by changing to medium containing 0.5% serum for 5 days, with one medium change 2-3 days after the first addition of low serum medium. RNA may be harvested according to the vendor's instructions for Qiagen RNEasy kits to isolate total RNA or Ambion mirVana kits to isolate RNA enriched for small RNA species. The RNA

concentrations may be determined by spectrophotometry and RNA quality may be determined by denaturing agarose gel electrophoresis to visualize 28S and 18S RNA. Samples with clearly visible 28S and 18S bands without signs of degradation and at a ratio of approximately 2:1, 28S:18S may be used for subsequent miRNA analysis.

[00116] Assay for miRNA in samples isolated from human embryonic stem cells and differentiated progeny cells: The miRNAs may be quantitated using a Human Panel TaqMan MicroRNA Assay from Applied Biosystems, Inc. This is a two-step assay that uses stem-loop primers for reverse transcription (RT) followed by real-time TaqMan®. A total of 330 miRNA assays may be performed to quantitate the levels of miRNA in the H9 human embryonic stem cell line, a differentiated fibroblast cell line, and nine cell lines differentiated from human embryonic stem cells. The assay includes two steps, reverse transcription (RT) and quantitative PCR. Real-time PCR may be performed on an Applied Biosystems 7500 Real-Time PCR System. The copy number per cell may be estimated based on the standard curve of synthetic mir-16 miRNA and assuming a total RNA mass of approximately 15pg/cell.

[00117] The reverse transcription reaction may be performed using 1x cDNA archiving buffer, 3.35 units MMLV reverse transcriptase, 5mM each dNTP, 1.3 units AB RNase inhibitor, 2.5 nM 330-plex reverse primer (RP), 3 ng of cellular RNA in a final volume of 5 µl. The reverse transcription reaction may be performed on a BioRad or MJ thermocycler with a cycling profile of 20 °C for 30 sec; 42 °C for 30 sec; 50 °C for 1 sec, for 60 cycles followed by one cycle of 85 °C for 5 min.

[00118] Real-time PCR. Two microlitres of 1:400 diluted Pre-PCR product may be used for a 20 ul reaction. All reactions may be duplicated. Because the method is very robust, duplicate samples may be sufficient and accurate enough to obtain values for miRNA expression levels. TaqMan universal PCR master mix of ABI may be used according to manufacturer's suggestion. Briefly, 1x TaqMan Universal Master Mix (ABI), 1 uM Forward Primer, 1 uM Universal Reverse Primer and 0.2 uM TaqMan Probe may be used for each real-time PCR. The conditions used may be as follows: 95°C for 10 min, followed by 40 cycles at 95°C for 15 s, and 60°C for 1 min. All the reactions may be run on ABI Prism 7000 Sequence Detection System.

[00119] Microarray hybridization and data processing. cDNA samples and cellular total RNA (5 µg in each of eight individual tubes) may be subjected to the One-Cycle Target Labeling procedure for biotin labeling by in vitro transcription (IVT) (Affymetrix, Santa Clara, CA) or using the Illumina Total Prep RNA Labelling kit. For analysis on Affymetix gene chips, the cRNA may be subsequently fragmented and hybridized to the Human Genome U133 Plus 2.0 Array (Affymetrix) according to the manufacturer's instructions. The

microarray image data may be processed with the GeneChip Scanner 3000 (Affymetrix) to generate CEL data. The CEL data may be then subjected to analysis with dChip software, which has the advantage of normalizing and processing multiple datasets simultaneously. Data obtained from the eight nonamplified controls from cells, from the eight independently amplified samples from the diluted cellular RNA, and from the amplified cDNA samples from 20 single cells may be normalized separately within the respective groups, according to the program's default setting. The model based expression indices (MBEI) may be calculated using the PM/MM difference mode with log-2 transformation of signal intensity and truncation of low values to zero. The absolute calls (Present, Marginal and Absent) may be calculated by the Affymetrix Microarray Software 5.0 (MAS 5.0) algorithm using the dChip default setting. The expression levels of only the Present probes may be considered for all quantitative analyses described below. The GEO accession number for the microarray data is GSE4309. For analysis on Illumina Human HT-12 v4 Expression Bead Chips, labeled cRNA may be hybridized according to the manufacturer's instructions.

[00120] Calculation of coverage and accuracy. A true positive is defined as probes called Present in at least six of the eight nonamplified controls, and the true expression levels are defined as the log-averaged expression levels of the Present probes. The definition of coverage is (the number of truly positive probes detected in amplified samples)/(the number of truly positive probes). The definition of accuracy is (the number of truly positive probes detected in amplified samples)/(the number of probes detected in amplified samples). The expression levels of the amplified and nonamplified samples may be divided by the class interval of 20.5 (20, 20.5, 21, 21.5...), where accuracy and coverage are calculated. These expression level bins may be also used to analyze the frequency distribution of the detected probes.

[00121] Analysis of gene expression profiles of cells: The unsupervised clustering and class neighbor analyses of the microarray data from cells may be performed using GenePattern software (http://www.broad.mit.edu/cancer/ software/genepattern/), which performs the signal-to-noise ratio analysis/T-test in conjunction with the permutation test to preclude the contribution of any sample variability, including those from methodology and/or biopsy, at high confidence. The analyses may be conducted on the 14,128 probes for which at least 6 out of 20 single cells provided Present calls and at least 1 out of 20 samples provided expression levels >20 copies per cell. The expression levels calculated for probes with Absent/Marginal calls may be truncated to zero. To calculate relative gene expression levels, the Ct values obtained with Q-PCR analyses may be corrected using the efficiencies of the individual primer pairs quantified either with whole human genome (BD Biosciences) or plasmids that contain

gene fragments. The relative expression levels may be further transformed into copy numbers with a calibration line calculated using the spike RNAs included in the reaction mixture ($\log_{10}$[expression level] = 1.05 x $\log_{10}$[copy number] + 4.65). The Chi-square test for independence may be performed to evaluate the association of gene expressions with Gata4, which represents the difference between cluster 1 and cluster 2 determined by the unsupervised clustering and which is restricted to PE at later stages. The expression levels of individual genes measured with Q-PCR may be classified into three categories: high (>100 copies per cell), middle (10–100 copies per cell), and low (<10 copies per cell). The Chi-square and P-values for independence from Gata4 expression may be calculated based on this classification. Chi squared is defined as follows: $\chi 2 = \Sigma\Sigma$ (n fij - fi fj)^2/n fi fj, where i and j represent expression level categories (high, middle or low) of the reference (Gata4) and the target gene, respectively; fi, fj, and fij represent the observed frequency of categories i, j and ij, respectively; and n represents the sample number (n = 24). The degrees of freedom may be defined as (r - 1) x (c - 1), where r and c represent available numbers of expression level categories of Gata4 and of the target gene, respectively.

Stimulating an Immune Response Against Cancer Cells

[00122] In some embodiments, antigen presenting cells (APCs) may used to activate T lymphocytes in vivo or ex vivo, to elicit an immune response against cells expressing a cancer associated sequence. APCs are highly specialized cells and may include, without limitation, macrophages, monocytes, and dendritic cells (DCs). APCs may process antigens and display their peptide fragments on the cell surface together with molecules required for lymphocyte activation. In some embodiments, the APCs may be dendritic cells. DCs may be classified into subgroups, including, e.g., follicular dendritic cells, Langerhans dendritic cells, and epidermal dendritic cells.

[00123] Some embodiments are directed to the use of cancer associated polypeptides and polynucleotides encoding a cancer associated sequence, a fragment thereof, or a mutant thereof, and antigen presenting cells (such as, without limitation, dendritic cells), to elicit an immune response against cells expressing a cancer-associated polypeptide sequence, such as, without limitation, cancer cells, in a subject. In some embodiments, the method of eliciting an immune response against cells expressing a cancer associated sequence comprises (1) isolating a hematopoietic stem cell, (2) genetically modifying the cell to express a cancer associated sequence, (3) differentiating the cell into DCs; and (4) administering the DCs to the subject (e.g., human patient). In some embodiments, the method of eliciting an immune response includes (1) isolating DCs (or isolation and differentiation of DC precursor cells), (2) pulsing the cells with a cancer associated sequence, and; (3) administering the DCs to the subject.

These approaches are discussed in greater detail, infra. In some embodiments, the pulsed or expressing DCs may be used to activate T lymphocytes ex vivo. These general techniques and variations thereof may be within the skill of those in the art (see, e.g., WO97/29182; WO 97/04802; WO 97/22349; WO 96/23060; WO 98/01538; Hsu et al., 1996, Nature Med. 2:52-58), and that still other variations may be discovered in the future. In some embodiments, the cancer associated sequence is contacted with a subject to stimulate an immune response. In some embodiments, the immune response is a therapeutic immune response. In some embodiments, the immune response is a prophylactic immune response. For example, the cancer associated sequence can be contacted with a subject under conditions effective to stimulate an immune response. The cancer associated sequence can be administered as, for example, a DNA molecule (*e.g.* DNA vaccine), RNA molecule, or polypeptide, or any combination thereof. Administering sequence to stimulate an immune response is known, but the identity of which sequences to use was not known prior to the present disclosure. Any sequence or combination of sequences disclosed herein or a homolog thereof can be administered to a subject to stimulate an immune response.

[00124] In some embodiments, dendritic cell precursor cells are isolated for transduction with a cancer associated sequence, and induced to differentiate into dendritic cells. The genetically modified DCs express the cancer associated sequence, and may display peptide fragments on the cell surface.

[00125] In some embodiments, the cancer associated sequence expressed comprises a sequence of a naturally occurring protein. In some embodiments, the cancer associate sequence does not comprise a naturally occurring sequence. As already noted, fragments of naturally occurring proteins may be used; in addition, the expressed polypeptide may comprise mutations such as deletions, insertions, or amino acid substitutions when compared to a naturally occurring polypeptide, so long as at least one peptide epitope can be processed by the DC and presented on a MHC class I or II surface molecule. In some embodiments, it may be desirable to use sequences other than "wild type," in order to, for example, increase antigenicity of the peptide or to increase peptide expression levels. In some embodiments, the introduced cancer associated sequences may encode variants such as polymorphic variants (e.g., a variant expressed by a particular human patient) or variants characteristic of a particular cancer (e.g., a cancer in a particular subject).

[00126] In some embodiments, a cancer associated expression sequence may be introduced (transduced) into DCs or stem cells in any of a variety of standard methods, including transfection, recombinant vaccinia viruses, adeno-associated viruses (AAVs), retroviruses, etc.

[00127] In some embodiments, the transformed DCs of the invention may be introduced into the subject (e.g., without limitation, a human patient) where the DCs may induce an immune response. Typically, the immune response includes a cytotoxic T-lymphocyte (CTL) response against target cells bearing antigenic peptides (e.g., in a MHC class I/peptide complex). These target cells are typically cancer cells.

[00128] In some embodiments, when the DCs are to be administered to a subject, they may preferably isolated from, or derived from precursor cells from, that subject (i.e., the DCs may administered to an autologous subject). However, the cells may be infused into HLA-matched allogeneic or HLA-mismatched allogeneic subject. In the latter case, immunosuppressive drugs may be administered to the subject.

[00129] In some embodiments, the cells may be administered in any suitable manner. In some embodiments, the cell may be administered with a pharmaceutically acceptable carrier (e.g., saline). In some embodiments, the cells may be administered through intravenous, intra-articular, intramuscular, intradermal, intraperitoneal, or subcutaneous routes. Administration (i.e., immunization) may be repeated at time intervals. Infusions of DC may be combined with administration of cytokines that act to maintain DC number and activity (e.g., GM-CSF, IL-12).

[00130] In some embodiments, the dose administered to a subject may be a dose sufficient to induce an immune response as detected by assays which measure T cell proliferation, T lymphocyte cytotoxicity, and/or effect a beneficial therapeutic response in the patient over time, e.g., to inhibit growth of cancer cells or result in reduction in the number of cancer cells or the size of a tumor.

[00131] In some embodiments, DCs are obtained (either from a patient or by in vitro differentiation of precursor cells) and pulsed with antigenic peptides having a cancer associated sequence. The pulsing results in the presentation of peptides onto the surface MHC molecules of the cells. The peptide/MHC complexes displayed on the cell surface may be capable of inducing a MHC-restricted cytotoxic T-lymphocyte response against target cells expressing cancer associated polypeptides (e.g., without limitations, cancer cells).

[00132] In some embodiments, cancer associated sequences used for pulsing may have at least about 6 or 8 amino acids and fewer than about 30 amino acids or fewer than about 50 amino acid residues in length. In some embodiments, an immunogenic peptide sequence may have from about 8 to about 12 amino acids. In some embodiments, a mixture of human protein fragments may be used; alternatively a particular peptide of defined sequence may be used. The peptide antigens may be produced by de novo peptide synthesis, enzymatic digestion of purified or recombinant human peptides, by purification of the peptide sequence

from a natural source (e.g., a subject or tumor cells from a subject), or expression of a recombinant polynucleotide encoding a human peptide fragment.

[00133] In some embodiments, the amount of peptide used for pulsing DC may depend on the nature, size and purity of the peptide or polypeptide. In some embodiments, an amount of from about 0.05 ug/ml to about 1 mg/ml, from about 0.05 ug/ml to about 500 ug/ml, from about 0.05 ug/ml to about 250 ug/ml, from about 0.5 ug/ml to about 1 mg/ml, from about 0.5 ug/ml to about 500 ug/ml, from about 0.5 ug/ml to about 250 ug/ml, or from about 1 ug/ml to about 100 ug/ml of peptide may be used. After adding the peptide antigen(s) to the cultured DC, the cells may then be allowed sufficient time to take up and process the antigen and express antigen peptides on the cell surface in association with either class I or class II MHC. In some embodiments, the time to take up and process the antigen may be about 18 to about 30 hours, about 20 to about 30 hours, or about 24 hours.

[00134] Numerous examples of systems and methods for predicting peptide binding motifs for different MHC Class I and II molecules have been described. Such prediction could be used for predicting peptide motifs that will bind to the desired MHC Class I or II molecules. Examples of such methods, systems, and databases that those of ordinary skill in the art might consult for such purpose include:

1. Peptide Binding Motifs for MHC Class I and II Molecules; William E. Biddison, Roland Martin, Current Protocols in Immunology, Unit 1I (DOI: 10.1002/0471142735.ima01is36; Online Posting Date: May, 2001).

[00135] Reference 1 above, provides an overview of the use of peptide-binding motifs to predict interaction with a specific MHC class I or II allele, and gives examples for the use of MHC binding motifs to predict T-cell recognition.

[00136] Table 3 provides an exemplary result for a HLA peptide motif search at the NIH Center for Information Technology website, BioInformatics and Molecular Analysis Section. Full length GNGT1 peptide sequence was used as the search query.

TABLE 3: EXEMPLARY RESULT FOR HLA PEPTIDE MOTIF SEARCH

User Parameter and Scoring Information			
Method selected to mimic the number of results	Explicit number		
Number of results requested	20		
HLA molecule type selected	A_0201		
Length selected for subsequences to be scored	9		
Echoing mode selected for input sequence	Y		
Echoing format	Numbered lines		
Length of user's input peptide sequence	369		
Number of subsequence scores calculated	361		
Number of top-scoring subsequences reported back in scoring output table	20		
	Scoring Results		
Rank	Start Position	Subsequence residue listing	Score (estimate of half time of disassociation of a molecule containing this subsequence
1	310	SLLKFLAKV (SEQ ID NO: 1)	2249.173
2	183	MLLVFGIDV (SEQ ID NO: 2)	1662.432
3	137	KVTDLVQFL (SEQ ID NO: 3)	339.313
4	254	GLYDGMMEHL (SEQ ID NO: 4)	315.870
5	228	ILILSIIFI (SEQ ID NO: 5)	224.357
6	296	FLWGPRAHA (SEQ ID NO: 6)	189.678
7	245	VIWEALNMM (SEQ	90.891

		ID NO: 7)	
8	308	KMSILKFLA (SEQ ID NO: 8)	72.836
9	166	KNYEDHFPL (SEQ ID NO: 9)	37.140
10	201	FVLVTSLGL (SEQ ID NO: 10)	31.814
11	174	ILFSEASEC (SEQ ID NO: 11)	31.249
12	213	GMLSDVQSM (SEQ ID NO: 12)	30.534
13	226	ILILILSII (SEQ ID NO: 13)	16.725
14	225	GILILILSI (SEQ ID NO: 14)	12.208
15	251	NMMGLYDGM (SEQ ID NO: 15)	9.758
16	88	QIACSSPSV (SEQ ID NO:)	9.563
17	66	LIPSTPEEV (SEQ ID NO: 16)	7.966
18	220	SMPKTGILI (SEQ ID NO: 17)	7.535
19	233	IIFIEGYCT (SEQ ID NO: 28)	6.445
20	247	WEALNMGL (SEQ ID NO: 18)	4.395

[00137] One skilled in the art of peptide-based vaccination may determine which peptides would work best in individuals based on their HLA alleles (e.g., due to "MHC restriction"). Different HLA alleles will bind particular peptide motifs (usually 2 or 3 highly conserved positions out of 8-10) with different energies which can be predicted theoretically or measured as dissociation rates. Thus, a skilled artisan may be able to tailor the peptides to a subject's HLA profile.

Introducing Cancer Associated Sequences Into Cells

[00138] Some embodiments provide for antigens (e.g., cancer-associated polypeptides) associated with a variety of cancers as targets for diagnostic and/or therapeutic antibodies. These antigens may also be useful for drug discovery (e.g., small molecules) and for further characterization of cellular regulation, growth, and differentiation.

[00139] In some embodiments cells may be transfected with one or more of the cancer associated sequences disclosed herein. In some embodiments the cell may be a dendritic cell. Dendritic cells transfected with one or more of the cancer associated sequences may be used as antigen presenting cells to stimulate an immune response against one or more of the cancer associated sequences disclosed infra.

[00140] Any method known in the art may be used to transfect a cell with one or more of the cancer associated sequences disclosed infra. Electroporation may be used to introduce the cancer associated nucleic acids described herein into mammalian cells (Neumann, E. et al. (1982) EMBO J. 1, 841-845), plant and bacterial cells, and may also be used to introduce proteins (Marrero, M.B. et al. (1995) J. Biol. Chem. 270, 15734-15738; Nolkrantz, K. et al. (2002) Anal. Chem. 74, 4300-4305; Rui, M. et al. (2002) Life Sci. 71, 1771-1778). Cells (such as the cells of this invention) suspended in a buffered solution of the purified protein of interest are placed in a pulsed electrical field. Briefly, high-voltage electric pulses result in the formation of small (nanometer-sized) pores in the cell membrane. Proteins enter the cell via these small pores or during the process of membrane reorganization as the pores close and the cell returns to its normal state. The efficiency of delivery may be dependent upon the strength of the applied electrical field, the length of the pulses, temperature and the composition of the buffered medium. Electroporation is successful with a variety of cell types, even some cell lines that are resistant to other delivery methods, although the overall efficiency is often quite low. Some cell lines may remain refractory even to electroporation unless partially activated.

[00141] Microinjection may be used to introduce femtoliter volumes of DNA directly into the nucleus of a cell (Capecchi, M.R. (1980) Cell 22, 470-488) where it can be integrated directly into the host cell genome, thus creating an established cell line bearing the sequence of interest. Proteins such as antibodies (Abarzua, P. et al. (1995) Cancer Res. 55, 3490-3494; Theiss, C. and Meller, K. (2002) Exp. Cell Res. 281, 197-204) and mutant proteins (Naryanan, A. et al. (2003) J. Cell Sci. 116, 177-186) can also be directly delivered into cells via microinjection to determine their effects on cellular processes firsthand. Microinjection has the advantage of introducing macromolecules directly into the cell, thereby bypassing exposure to potentially undesirable cellular compartments such as low-pH endosomes.

[00142] Several proteins and small peptides have the ability to transduce or travel through biological membranes independent of classical receptor-mediated or endocytosis-

mediated pathways. Examples of these proteins include the HIV-1 TAT protein, the herpes simplex virus 1 (HSV-1) DNA-binding protein VP22, and the Drosophila Antennapedia (Antp) homeotic transcription factor. In some embodiments, protein transduction domains (PTDs) from these proteins may be fused to other macromolecules, peptides or proteins such as, without limitation, a cancer associated polypeptide to successfully transport the polypeptide into a cell (Schwarze, S.R. et al. (2000) Trends Cell Biol. 10, 290-295). Exemplary advantages of using fusions of these transduction domains is that protein entry is rapid, concentration-dependent and appears to work with difficult cell types (Fenton, M. et al. (1998) J. Immunol. Methods 212, 41-48).

[00143] In some embodiments, liposomes may be used as vehicles to deliver oligonucleotides, DNA (gene) constructs and small drug molecules into cells (Zabner, J. et al. (1995) J. Biol. Chem. 270, 18997-19007; Felgner, P.L. et al. (1987) Proc. Natl. Acad. Sci. USA 84, 7413-7417). Certain lipids, when placed in an aqueous solution and sonicated, form closed vesicles consisting of a circularized lipid bilayer surrounding an aqueous compartment. The vesicles or liposomes of embodiments herein may be formed in a solution containing the molecule to be delivered. In addition to encapsulating DNA in an aqueous solution, cationic liposomes may spontaneously and efficiently form complexes with DNA, with the positively charged head groups on the lipids interacting with the negatively charged backbone of the DNA. The exact composition and/or mixture of cationic lipids used can be altered, depending upon the macromolecule of interest and the cell type used (Felgner, J.H. et al. (1994) J. Biol. Chem. 269, 2550-2561). The cationic liposome strategy has also been applied successfully to protein delivery (Zelphati, O. et al. (2001) J. Biol. Chem. 276, 35103-35110). Because proteins are more heterogeneous than DNA, the physical characteristics of the protein, such as its charge and hydrophobicity, may influence the extent of its interaction with the cationic lipids.

Capture Reagents and Binding Partners

[00144] In certain embodiments of the invention provides capture reagents and specific binding partners for molecules encoded by the cancer associated sequences disclosed infra. The capture reagents and specific binding partners may be used to isolate a molecule, such as a nucleic acid encoding a cancer associated sequence disclosed infra, or a protein or protein fragment encoded by cancer associated sequence disclosed infra. The capture reagent and specific binding partners may be used to diagnose and/or detect cancer in a sample. The capture reagent or binding partner may be used as therapeutic to treat cancer, where the cancer is associated with the expression of one or more cancer associated sequences disclosed infra.

[00145] The capture reagent and specific binding partner may be any molecule that specifically binds to a molecule encoded for by cancer associated sequence disclosed infra. The may be a protein, peptide, a nucleic acid, including DNA, RNA, PNA and the like, a lipid, a carbohydrate, a small molecule, including inorganic and organic molecules and combination of a plurality of the foregoing molecules.

[00146] The capture reagent and binding partner may be, for example, a nucleic acid such as DNA molecule or a PNA molecule. The nucleic acid may bind to a sequence encoded for by cancer associated sequence, such as a DNA molecule, or an RNA molecule. The capture reagent or binding partner may be, for example 5-500 nucleotides long, 10-200 nucleotides long, 20-100 nucleotides long. The capture reagent or binding partner may be about 5, about 10, about 15, about 20, about 25, about 30, about 35, about 40 nucleotides long.

[00147] The capture reagent and specific binding partner may be, for example, a protein, including any protein that binds specifically to a molecule encoded for by cancer associated sequence. As an example, the capture reagent and specific binding partner may be an antibody. The antibody, may, for example bind to a protein or protein fragment encoded for by a cancer associated sequence.

[00148] Binding in IgG antibodies, for example, is generally characterized by an affinity of at least about 10^{-7} M or higher, such as at least about 10^{-8} M or higher, or at least about 10^{-9} M or higher, or at least about 10^{-10} or higher, or at least about 10^{-11} M or higher, or at least about 10^{-12} M or higher. The term is also applicable where, e.g., an antigen-binding domain is specific for a particular epitope that is not carried by numerous antigens, in which case the antibody or antigen binding protein carrying the antigen-binding domain will generally not bind other antigens. In some embodiments, the capture reagent has a Kd equal or less than 10^{-9} M, 10^{-10} M, or 10^{-11} M for its binding partner (e.g. antigen). In some embodiments, the capture reagent has a Ka greater than or equal to 10^{9} M^{-1} for its binding partner. Capture reagent can also refer to, for example, antibodies. Intact antibodies, also known as immunoglobulins, are typically tetrameric glycosylated proteins composed of two light (L) chains of approximately 25 kDa each, and two heavy (H) chains of approximately 50 kDa each. Two types of light chain, termed lambda and kappa, exist in antibodies. Depending on the amino acid sequence of the constant domain of heavy chains, immunoglobulins are assigned to five major classes: A, D, E, G, and M, and several of these may be further divided into subclasses (isotypes), e.g., IgG1, IgG2, IgG3, IgG4, IgA1, and IgA2. Each light chain is composed of an N-terminal variable (V) domain (VL) and a constant (C) domain (CL). Each heavy chain is composed of an N-terminal V domain (VH), three or four C domains (CHs), and a hinge region. The CH domain most proximal to VH is

designated CH1. The VH and VL domains consist of four regions of relatively conserved sequences named framework regions (FR1, FR2, FR3, and FR4), which form a scaffold for three regions of hypervariable sequences (complementarity determining regions, CDRs). The CDRs contain most of the residues responsible for specific interactions of the antibody or antigen binding protein with the antigen. CDRs are referred to as CDR1, CDR2, and CDR3. Accordingly, CDR constituents on the heavy chain are referred to as H1, H2, and H3, while CDR constituents on the light chain are referred to as L1, L2, and L3. CDR3 is the greatest source of molecular diversity within the antibody or antigen binding protein-binding site. H3, for example, can be as short as two amino acid residues or greater than 26 amino acids. The subunit structures and three-dimensional configurations of different classes of immunoglobulins are well known in the art. For a review of the antibody structure, see Antibodies: A Laboratory Manual, Cold Spring Harbor Laboratory, Eds. Harlow et al., 1988. One of skill in the art will recognize that each subunit structure, e.g., a CH, VH, CL, VL, CDR, and/or FR structure, comprises active fragments. For example, active fragments may consist of the portion of the VH, VL, or CDR subunit that binds the antigen, i.e., the antigen-binding fragment, or the portion of the CH subunit that binds to and/or activates an Fc receptor and/or complement.

[00149] Non-limiting examples of binding fragments encompassed within the term "antigen-specific antibody" used herein include: (i) an Fab fragment, a monovalent fragment consisting of the VL, VH, CL and CH1 domains; (ii) an F(ab')2 fragment, a bivalent fragment comprising two Fab fragments linked by a disulfide bridge at the hinge region; (iii) an Fd fragment consisting of the VH and CH1 domains; (iv) an Fv fragment consisting of the VL and VH domains of a single arm of an antibody, (v) a dAb fragment, which consists of a VH domain; and (vi) an isolated CDR. Furthermore, although the two domains of the Fv fragment, VL and VH, are coded for by separate genes, they may be recombinantly joined by a synthetic linker, creating a single protein chain in which the VL and VH domains pair to form monovalent molecules (known as single chain Fv (scFv)). The most commonly used linker is a 15-residue $(Gly_4Ser)_3$ peptide, but other linkers are also known in the art. Single chain antibodies are also intended to be encompassed within the terms "antibody or antigen binding protein," or "antigen-binding fragment" of an antibody. The antibody can also be a polyclonal antibody, monoclonal antibody, chimeric antibody, antigen-binding fragment, Fc fragment, single chain antibodies, or any derivatives thereof.

[00150] Antibodies can be obtained using conventional techniques known to those skilled in the art, and the fragments are screened for utility in the same manner as intact antibodies. Antibody diversity is created by multiple germline genes encoding variable

domains and a variety of somatic events. The somatic events include recombination of variable gene segments with diversity (D) and joining (J) gene segments to make a complete VH domain, and the recombination of variable and joining gene segments to make a complete VL domain. The recombination process itself is imprecise, resulting in the loss or addition of amino acids at the V(D)J junctions. These mechanisms of diversity occur in the developing B cell prior to antigen exposure. After antigenic stimulation, the expressed antibody genes in B cells undergo somatic mutation. Based on the estimated number of germline gene segments, the random recombination of these segments, and random VH-VL pairing, up to $1.6X10^7$ different antibodies may be produced (Fundamental Immunology, 3rd ed. (1993), ed. Paul, Raven Press, New York, N.Y.). When other processes that contribute to antibody diversity (such as somatic mutation) are taken into account, it is thought that upwards of $1X10^{10}$ different antibodies may be generated (Immunoglobulin Genes, 2nd ed. (1995), eds. Jonio et al., Academic Press, San Diego, Calif.). Because of the many processes involved in generating antibody diversity, it is unlikely that independently derived monoclonal antibodies with the same antigen specificity will have identical amino acid sequences.

[00151] Antibody or antigen binding protein molecules capable of specifically interacting with the antigens, epitopes, or other molecules described herein may be produced by methods well known to those skilled in the art. For example, monoclonal antibodies can be produced by generation of hybridomas in accordance with known methods. Hybridomas formed in this manner can then be screened using standard methods, such as enzyme-linked immunosorbent assay (ELISA) and Biacore analysis, to identify one or more hybridomas that produce an antibody that specifically interacts with a molecule or compound of interest. As an alternative to preparing monoclonal antibody-secreting hybridomas, a monoclonal antibody to a polypeptide of the present disclosure may be identified and isolated by screening a recombinant combinatorial immunoglobulin library (e.g., an antibody phage display library) with a polypeptide of the present disclosure to thereby isolate immunoglobulin library members that bind to the polypeptide. Techniques and commercially available kits for generating and screening phage display libraries are well known to those skilled in the art. Additionally, examples of methods and reagents particularly amenable for use in generating and screening antibody or antigen binding protein display libraries can be found in the literature.

[00152] Examples of chimeric antibodies include, but are not limited to, humanized antibodies. The antibodies described herein can also be human antibodies. In some embodiments, the capture reagent comprises a detection reagent. The detection reagent can be any reagent that can be used to detect the presence of the capture reagent binding to its

specific binding partner. The capture reagent can comprise a detection reagent directly or the capture reagent can comprise a particle that comprises the detection reagent. In some embodiments, the capture reagent and/or particle comprises a color, colloidal gold, radioactive tag, fluorescent tag, or a chemiluminescent substrate. The particle can be, for example, a viral particle, a latex particle, a lipid particle, or a fluorescent particle.

[00153] The capture reagents (e.g. antibody) of the present disclosure can also include an anti-antibody, i.e. an antibody that recognizes another antibody but is not specific to an antigen, such as, but not limited to, anti-IgG, anti-IgM, or ant-IgE antibody. This non-specific antibody can be used as a positive control to detect whether the antigen specific antibody is present in a sample. In some embodiments, the antibody binds to an epitope from a protein encoded by the nucleotide sequence disclosed in Table 1. In some embodiments, the epitope is a fragment of the protein sequence encoded by the nucleotide sequence of a sequence disclosed in Table 1, which is described herein. In some embodiments, the epitope comprises about 1-10, 1-20, 1-30, 3-10, or 3-15 residues of the cancer associated sequence. In some embodiments, the epitope is not linear.

[00154] In some embodiments, the antibody binds to the regions described herein or a peptide with at least 90, 95, or 99% homology or identity to the region. In some embodiments, the fragment of the regions described herein is 5-10 residues in length. In some embodiments, the fragment of the regions (e.g. epitope) described herein are 3-5 residues in length. The fragments are described based upon the length provided. In some embodiments, the epitope is about 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, or 20 residues in length.

[00155] In some embodiments, the sequence to which the antibody binds may include both nucleic acid and amino acid sequences. In some embodiments, the sequence to which the antibody binds may include sequences having at least about 60% homology with the disclosed sequences. In some embodiments, the sequence to which the antibody binds may have at least about 65%, about 70%, about 75%, about 80%, about 85%, about 90%, about 95%, about 97%, about 99%, about 99.8% homology with the disclosed sequences. In some embodiments, the sequences may be referred to as "mutant nucleic acids" or "mutant peptide sequences."

Treatment of Cancer

[00156] In some embodiments, cancers expressing one or more of the cancer associated sequences may be treated by antagonizing the cancer associated sequence's activity. In some embodiments, a method of treating cancer may comprise administering a therapeutic such as, without limitation, antibodies that antagonize the ligand binding to the cancer associated sequence, small molecules that inhibit the cancer associated sequence's

expression or activity, siRNAs directed towards the cancer associated sequence, or the like. In some embodiments, a method of treating cancer may comprise administering an antibody against the protein to a subject in need thereof. In some embodiments, the antibody may be a monoclonal antibody or a polyclonal antibody. In some embodiments, the antibody may be a humanized or a recombinant antibody. Antibodies can be made that specifically bind to this region using known methods and any method is suitable. In some embodiments, the antibody specifically binds to a sequence disclosed in Table 1 or a fragment thereof.

[00157] In some embodiments, a method of treating cancer (*e.g.* adenocarcinomas or other types of cancer) comprises detecting the presence of a cancer associated sequence's receptor and administering a cancer treatment. The cancer treatment may be any cancer treatment or one that is specific to the inhibiting the action of a cancer associated sequence. For example, various cancers are tested to determine if a specific molecule is present before giving a cancer treatment. In some embodiments, therefore, a sample would be obtained from the patient and tested for the presence of a cancer associated sequence or the overexpression of a cancer associated sequence as described herein. In some embodiments, if a cancer associated sequence is found to be overexpressed, a cancer treatment or therapeutic is administered to the subject. The cancer treatment may be a conventional non-specific treatment, such as chemotherapy, or the treatment may comprise of a specific treatment that only targets the activity of the cancer associated sequence or the receptor to which the cancer associated sequence binds. These treatments can be, for example, an antibody that specifically binds to the cancer associated sequence and inhibits its activity.

[00158] In some embodiments, the present disclosure provides methods of treating cancer in a subject, the method comprising administering to a subject having cancer an agent that inhibits activity of any cancer associated sequence disclosed infra.

[00159] In some embodiments, the cancer cell may be targeted specifically with a therapeutic based upon the differentially expressed gene or gene product. For example, in some embodiments, the differentially expressed gene product may be an enzyme, which can convert an anti-cancer prodrug into its active form. Therefore, in normal cells, where the differentially expressed gene product is not expressed or expressed at significantly lower levels, the prodrug may be either not activated or activated in a lesser amount, and may be, therefore less toxic to normal cells. Therefore, the cancer prodrug may, in some embodiments, be given in a higher dosage so that the cancer cells can metabolize the prodrug, which will, for example, kill the cancer cell, and the normal cells will not metabolize the prodrug or not as well, and, therefore, be less toxic to the patient. An example of this is where tumor cells overexpress a metalloprotease, which is described in Atkinson *et al.*, British

Journal of Pharmacology (2008) 153, 1344–1352, which is hereby incorporated by reference in its entirety and for the method of specifically targeting cancer cells. Using proteases to target cancer cells is also described in Carl *et al.*, *PNAS*, Vol. 77, No. 4, pp. 2224-2228, April 1980, which is hereby incorporated by reference in its entirety and for the method of specifically targeting cancer cells. For example, doxorubicin or other type of chemotherapeutic can be linked to a peptide sequence that is specifically cleaved or recognized by the differentially expressed gene product. The doxorubicin or other type of chemotherapeutic is then cleaved from the peptide sequence and is activated such that it can kill or inhibit the growth of the cancer cell whereas in the normal cell the chemotherapeutic is never internalized into the cell or is not metabolized as efficiently, and is, therefore, less toxic.

[00160] In some embodiments, a method of treating cancer may comprise gene knockdown of one or more cancer associated sequences described herein. Gene knockdown refers to techniques by which the expression of one or more of an organism's genes is reduced, either through genetic modification (a change in the DNA of one of the organism's chromosomes such as, without limitation, chromosomes encoding cancer associated sequences) or by treatment with a reagent such as a short DNA or RNA oligonucleotide with a sequence complementary to either an mRNA transcript or a gene. In some embodiments, the oligonucleotide used may be selected from RNase-H competent antisense, such as, without limitation, ssDNA oligonucleotides, ssRNA oligonucleotides, phosphorothioate oligonucleotides, or chimeric oligonucleotides; RNase-independent antisense, such as morpholino oligonucleotides, 2'-O-methyl phosphorothioate oligonucleotides, locked nucleic acid oligonucleotides, or peptide nucleic acid oligonucleotides; RNAi oligonucleotides, such as, without limitation, siRNA duplex oligonucleotides, or shRNA oligonucleotides; or any combination thereof. In some embodiments, a plasmid may be introduced into a cell, wherein the plasmid expresses either an antisense RNA transcript or an shRNA transcript. The oligo introduced or transcript expressed may interact with the target mRNA (ex. a sequence disclosed in Table 1) by complementary base pairing (a sense-antisense interaction).

[00161] The specific mechanism of silencing may vary with the oligo chemistry. In some embodiments, the binding of a oligonucleotide described herein to the active gene or its transcripts may cause decreased expression through blocking of transcription, degradation of the mRNA transcript (e.g. by small interfering RNA (siRNA) or RNase-H dependent antisense) or blocking either mRNA translation, pre-mRNA splicing sites or nuclease cleavage sites used for maturation of other functional RNAs such as miRNA (e.g. by Morpholino oligonucleotides or other RNase-H independent antisense). For example, RNase-H competent antisense oligonucleotides (and antisense RNA transcripts) may form duplexes with RNA that

are recognized by the enzyme RNase-H, which cleaves the RNA strand. As another example, RNase-independent oligonucleotides may bind to the mRNA and block the translation process. In some embodiments, the oligonucleotides may bind in the 5'-UTR and halt the initiation complex as it travels from the 5'-cap to the start codon, preventing ribosome assembly. A single strand of RNAi oligonucleotides may be loaded into the RISC complex, which catalytically cleaves complementary sequences and inhibits translation of some mRNAs bearing partially-complementary sequences. The oligonucleotides may be introduced into a cell by any technique including, without limitation, electroporation, microinjection, salt-shock methods such as, for example, CaCl2 shock; transfection of anionic oligo by cationic lipids such as, for example, Lipofectamine; transfection of uncharged oligonucleotides by endosomal release agents such as, for example, Endo-Porter; or any combination thereof. In some embodiments, the oligonucleotides may be delivered from the blood to the cytosol using techniques selected from nanoparticle complexes, virally-mediated transfection, oligonucleotides linked to octaguanidinium dendrimers (Morpholino oligonucleotides), or any combination thereof.

[00162] In some embodiments, a method of treating cancer may comprise treating cells to knockdown or inhibit expression of a gene encoding the mRNA disclosed in Table 1. The method may comprise culturing hES cell-derived clonal embryonic progenitor cell lines CM02 and EN13 (see U.S. Patent Publication 2008/0070303, entitled "Methods to accelerate the isolation of novel cell strains from pluripotent stem cells and cells obtained thereby"; and U.S. patent application Ser. No. 12/504,630 filed on July 16, 2009 and titled "Methods to Accelerate the Isolation of Novel Cell Strains from Pluripotent Stem Cells and Cells Obtained Thereby", each of which is incorporated by reference herein in its entirety) with a retrovirus expressing silencing RNA directed to a cancer-associated sequence. In some embodiments, the method may further comprise confirming down-regulation by qPCR. In some embodiments, the method further comprises cryopreserving the cells. In some embodiments, the method further comprises reprogramming the cells. In some embodiments, the method comprises cryopreserving or reprogramming the cells within two days by the exogenous administration of OCT4, MYC, KLF4, and SOX2 (see Takahashi and Yamanaka 2006 Aug 25;126(4):663-76; U.S. Patent Application Serial No. 12/086,479, published as US2009/0068742 and entitled "Nuclear Reprogramming Factor", each of which is incorporated herein by reference) and by the method described in PCT/US06/30632, published as WO/2007/019398 and entitled "Improved Methods of Reprogramming Animal Somatic Cells", incorporated by reference herein in its entirety. In some embodiments, the method may comprise culturing mammalian differentiated cells under conditions that promote the

propagation of ES cells. In some embodiments, any convenient ES cell propagation condition may be used, e.g., on feeders or in feeder free media capable of propagating ES cells. In some embodiments, the method comprises identifying cells from ES colonies in the culture. Cells from the identified ES colony may then be evaluated for ES markers, e.g., Oct4, TRA 1-60, TRA 1-81, SSEA4, etc., and those having ES cell phenotype may be expanded. Control lines that have not been preconditioned by the knockdown may be reprogrammed in parallel to demonstrate the effectiveness of the preconditioning.

[00163] Some embodiments herein are directed to a method of treating cancer in a subject, the method comprising administering to a subject in need thereof a therapeutic agent modulating the activity of a cancer associated protein, wherein the cancer associated protein is encoded by a nucleic acid comprising a nucleic acid sequence selected from a sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof. In some embodiments, the therapeutic agent binds to the cancer associated protein. In some embodiments, the therapeutic agent is an antibody. In some embodiments, the antibody may be a monoclonal antibody or a polyclonal antibody. In some embodiments, the antibody is a humanized or human antibody. In some embodiments, a method of treating cancer may comprise gene knockdown of a gene disclosed in Table 1. In some embodiments, a method of treating cancer may comprise treating cells to knockdown or inhibit expression of a gene encoding the mRNA disclosed in Table 1.

[00164] In some embodiments, a method of treating cancer may comprise administering an agent that interferes with the synthesis, secretion, receptor binding or receptor signaling of cancer associated proteins (e.g. a protein encoded for by one or more of the cancer associated sequences disclosed infra.) or its receptors.

[00165] In some embodiments, the cancers treated by modulating the activity or expression of the genes disclosed in Table 1 or the gene product thereof is a cancer classified by site or by histological type.

[00166] In some embodiments, implementation of an immunotherapy strategy for treating, reducing the symptoms of, or preventing cancer or neoplasms, (e.g., a vaccine) may be achieved using many different techniques available to the skilled artisan.

[00167] Immunotherapy or the use of antibodies for therapeutic purposes has been used in recent years to treat cancer. Passive immunotherapy involves the use of monoclonal antibodies in cancer treatments. See, for example, Cancer: Principles and Practice of Oncology, 6 th Edition (2001) Chapt. 20 pp. 495-508. Inherent therapeutic biological activity of these antibodies include direct inhibition of tumor cell growth or survival, and the ability to recruit the natural cell killing activity of the body's immune system. These agents may be

administered alone or in conjunction with radiation or chemotherapeutic agents. Alternatively, antibodies may be used to make antibody conjugates where the antibody is linked to a toxic agent and directs that agent to the tumor by specifically binding to the tumor.

[00168] In some embodiments, a method for treating cancer comprises administering to a subject in need thereof a therapeutic agent modulating the activity of a cancer associated protein, wherein the cancer associated protein is encoded by a nucleic acid comprising a nucleic acid sequence selected from the group consisting of the human nucleic acid sequences in Table 1 and further wherein the therapeutic agent binds to the cancer associated protein.

[00169] In some embodiments, a method of treating cancer comprises administering an antibody (*e.g.* monoclonal antibody, human antibody, humanized antibody, recombinant antibody, chimeric antibody, and the like) that specifically binds to a cancer associated protein that is expressed on a cell surface. In some embodiments, the antibody binds to an extracellular domain of the cancer associated protein. In some embodiments, the antibody binds to a cancer associated protein differentially expressed on a cancer cell surface relative to a normal cell surface, or, in some embodiments, to at least one human cancer cell line. In some embodiments, the antibody is linked to a therapeutic agent. Kits and pharmaceutical compositions for detecting a presence or an absence of cancer cells in a subject, and comprising such antibodies are also provided.

Administration of Therapeutics and Pharmaceutical Compositions

[00170] Modes of administration for a therapeutic (either alone or in combination with other pharmaceuticals) can be, but are not limited to, sublingual, injectable (including short-acting, depot, implant and pellet forms injected subcutaneously or intramuscularly), or by use of vaginal creams, suppositories, pessaries, vaginal rings, rectal suppositories, intrauterine devices, and transdermal forms such as patches and creams.

[00171] Specific modes of administration will depend on the indication. The selection of the specific route of administration and the dose regimen is to be adjusted or titrated by the clinician according to methods known to the clinician in order to obtain the optimal clinical response. The amount of therapeutic to be administered is that amount which is therapeutically effective. The dosage to be administered will depend on the characteristics of the subject being treated, *e.g.*, the particular animal treated, age, weight, health, types of concurrent treatment, if any, and frequency of treatments, and can be easily determined by one of skill in the art (*e.g.*, by the clinician).

[00172] Pharmaceutical formulations containing the therapeutic of the present disclosure and a suitable carrier can be solid dosage forms which include, but are not limited to, tablets, capsules, cachets, pellets, pills, powders and granules; topical dosage forms which

include, but are not limited to, solutions, powders, fluid emulsions, fluid suspensions, semi-solids, ointments, pastes, creams, gels and jellies, and foams; and parenteral dosage forms which include, but are not limited to, solutions, suspensions, emulsions, and dry powder; comprising an effective amount of a polymer or copolymer of the present disclosure. It is also known in the art that the active ingredients can be contained in such formulations with pharmaceutically acceptable diluents, fillers, disintegrants, binders, lubricants, surfactants, hydrophobic vehicles, water soluble vehicles, emulsifiers, buffers, humectants, moisturizers, solubilizers, preservatives and the like. The means and methods for administration are known in the art and an artisan can refer to various pharmacologic references for guidance. For example, *Modern Pharmaceutics*, Banker & Rhodes, Marcel Dekker, Inc. (1979); and *Goodman & Gilman's The Pharmaceutical Basis of Therapeutics*, 6th Edition, MacMillan Publishing Co., New York (1980) can be consulted.

[00173] The compositions of the present disclosure can be formulated for parenteral administration by injection, *e.g.*, by bolus injection or continuous infusion. The compositions can be administered by continuous infusion subcutaneously over a period of about 15 minutes to about 24 hours. Formulations for injection can be presented in unit dosage form, *e.g.*, in ampoules or in multi-dose containers, with an added preservative. The compositions can take such forms as suspensions, solutions or emulsions in oily or aqueous vehicles, and can contain formulatory agents such as suspending, stabilizing and/or dispersing agents.

[00174] For oral administration, the compositions can be formulated readily by combining the therapeutic with pharmaceutically acceptable carriers well known in the art. Such carriers enable the therapeutic of the invention to be formulated as tablets, pills, dragees, capsules, liquids, gels, syrups, slurries, suspensions and the like, for oral ingestion by a patient to be treated. Pharmaceutical preparations for oral use can be obtained by adding a solid excipient, optionally grinding the resulting mixture, and processing the mixture of granules, after adding suitable auxiliaries, if desired, to obtain tablets or dragee cores. Suitable excipients include, but are not limited to, fillers such as sugars, including, but not limited to, lactose, sucrose, mannitol, and sorbitol; cellulose preparations such as, but not limited to, maize starch, wheat starch, rice starch, potato starch, gelatin, gum tragacanth, methyl cellulose, hydroxypropylmethyl-cellulose, sodium carboxymethylcellulose, and polyvinylpyrrolidone (PVP). If desired, disintegrating agents can be added, such as, but not limited to, the cross-linked polyvinyl pyrrolidone, agar, or alginic acid or a salt thereof such as sodium alginate.

[00175] Dragee cores can be provided with suitable coatings. For this purpose, concentrated sugar solutions can be used, which can optionally contain gum arabic, talc,

polyvinyl pyrrolidone, carbopol gel, polyethylene glycol, and/or titanium dioxide, lacquer solutions, and suitable organic solvents or solvent mixtures. Dyestuffs or pigments can be added to the tablets or dragee coatings for identification or to characterize different combinations of active therapeutic doses.

[00176] Pharmaceutical preparations which can be used orally include, but are not limited to, push-fit capsules made of gelatin, as well as soft, sealed capsules made of gelatin and a plasticizer, such as glycerol or sorbitol. The push-fit capsules can contain the active ingredients in admixture with filler such as, e.g., lactose, binders such as, e.g., starches, and/or lubricants such as, e.g., talc or magnesium stearate and, optionally, stabilizers. In soft capsules, the active therapeutic can be dissolved or suspended in suitable liquids, such as fatty oils, liquid paraffin, or liquid polyethylene glycols. In addition, stabilizers can be added. All formulations for oral administration should be in dosages suitable for such administration.

[00177] For buccal administration, the pharmaceutical compositions can take the form of, e.g., tablets or lozenges formulated in a conventional manner.

[00178] For administration by inhalation, the therapeutic for use according to the present disclosure is conveniently delivered in the form of an aerosol spray presentation from pressurized packs or a nebulizer, with the use of a suitable propellant, *e.g.*, dichlorodifluoromethane, trichlorofluoromethane, dichlorotetrafluoroethane, carbon dioxide or other suitable gas. In the case of a pressurized aerosol the dosage unit can be determined by providing a valve to deliver a metered amount. Capsules and cartridges of, *e.g.*, gelatin for use in an inhaler or insufflator can be formulated containing a powder mix of the therapeutic and a suitable powder base such as lactose or starch.

[00179] The compositions of the present disclosure can also be formulated in rectal compositions such as suppositories or retention enemas, e.g., containing conventional suppository bases such as cocoa butter or other glycerides.

[00180] In addition to the formulations described previously, the therapeutic of the present disclosure can also be formulated as a depot preparation. Such long acting formulations can be administered by implantation (for example subcutaneously or intramuscularly) or by intramuscular injection.

[00181] Depot injections can be administered at about 1 to about 6 months or longer intervals. Thus, for example, the compositions can be formulated with suitable polymeric or hydrophobic materials (for example as an emulsion in an acceptable oil) or ion exchange resins, or as sparingly soluble derivatives, for example, as a sparingly soluble salt.

[00182] In transdermal administration, the compositions of the present disclosure, for example, can be applied to a plaster, or can be applied by transdermal, therapeutic systems that are consequently supplied to the organism.

[00183] Pharmaceutical compositions can include suitable solid or gel phase carriers or excipients. Examples of such carriers or excipients include but are not limited to calcium carbonate, calcium phosphate, various sugars, starches, cellulose derivatives, gelatin, and polymers such as, e.g., polyethylene glycols.

[00184] The compositions of the present disclosure can also be administered in combination with other active ingredients, such as, for example, adjuvants, protease inhibitors, or other compatible drugs or compounds where such combination is seen to be desirable or advantageous in achieving the desired effects of the methods described herein.

[00185] In some embodiments, the disintegrant component comprises one or more of croscarmellose sodium, carmellose calcium, crospovidone, alginic acid, sodium alginate, potassium alginate, calcium alginate, an ion exchange resin, an effervescent system based on food acids and an alkaline carbonate component, clay, talc, starch, pregelatinized starch, sodium starch glycolate, cellulose floc, carboxymethylcellulose, hydroxypropylcellulose, calcium silicate, a metal carbonate, sodium bicarbonate, calcium citrate, or calcium phosphate.

[00186] In some embodiments, the diluent component may include one or more of mannitol, lactose, sucrose, maltodextrin, sorbitol, xylitol, powdered cellulose, microcrystalline cellulose, carboxymethylcellulose, carboxyethylcellulose, methylcellulose, ethylcellulose, hydroxyethylcellulose, methylhydroxyethylcellulose, starch, sodium starch glycolate, pregelatinized starch, a calcium phosphate, a metal carbonate, a metal oxide, or a metal aluminosilicate.

[00187] In some embodiments, the optional lubricant component, when present, comprises one or more of stearic acid, metallic stearate, sodium stearylfumarate, fatty acid, fatty alcohol, fatty acid ester, glycerylbehenate, mineral oil, vegetable oil, paraffin, leucine, silica, silicic acid, talc, propylene glycol fatty acid ester, polyethoxylated castor oil, polyethylene glycol, polypropylene glycol, polyalkylene glycol, polyoxyethylene-glycerol fatty ester, polyoxyethylene fatty alcohol ether, polyethoxylated sterol, polyethoxylated castor oil, polyethoxylated vegetable oil, or sodium chloride.

Kits

[00188] Also provided by the subject invention are kits and systems for practicing the subject methods, as described above, such components configured to diagnose cancer in a subject, treat cancer in a subject, or perform basic research experiments on cancer cells (e.g., either derived directly from a subject, grown in vitro or ex vivo, or from an animal model of

cancer. The various components of the kits may be present in separate containers or certain compatible components may be pre-combined into a single container, as desired.

[00189] In some embodiments, the invention provides a kit for diagnosing the presence of cancer in a test sample, said kit comprising at least one polynucleotide that selectively hybridizes to a cancer associated polynucleotide sequence shown in Table 1, or its complement. In another embodiment the invention provides an electronic library comprising a cancer associated polynucleotide, a cancer associated polypeptide, or fragment thereof, shown in Table 1.

[00190] The subject systems and kits may also include one or more other reagents for performing any of the subject methods. The reagents may include one or more matrices, solvents, sample preparation reagents, buffers, desalting reagents, enzymatic reagents, denaturing reagents, probes, polynucleotides, vectors (e.g., plasmid or viral vectors), etc., where calibration standards such as positive and negative controls may be provided as well. As such, the kits may include one or more containers such as vials or bottles, with each container containing a separate component for carrying out a sample processing or preparing step and/or for carrying out one or more steps for producing a normalized sample according to the present disclosure.

[00191] In addition to above-mentioned components, the subject kits typically further include instructions for using the components of the kit to practice the subject methods. The instructions for practicing the subject methods are generally recorded on a suitable recording medium. For example, the instructions may be printed on a substrate, such as paper or plastic, etc. As such, the instructions may be present in the kits as a package insert, in the labeling of the container of the kit or components thereof (i.e., associated with the packaging or sub-packaging) etc. In other embodiments, the instructions are present as an electronic storage data file present on a suitable computer readable storage medium, e.g. CD-ROM, diskette, etc. In yet other embodiments, the actual instructions are not present in the kit, but means for obtaining the instructions from a remote source, e.g. via the internet, are provided. An example of this embodiment is a kit that includes a web address where the instructions can be viewed and/or from which the instructions can be downloaded. As with the instructions, this means for obtaining the instructions is recorded on a suitable substrate.

[00192] In addition to the subject database, programming and instructions, the kits may also include one or more control samples and reagents, e.g., two or more control samples for use in testing the kit.

Additional Embodiments of the Invention

[00193] Table 2 provided infra shows raw data from an Illumina microarray screen.

[00194] Embodiments of the disclosure are directed to methods of diagnosis, prognosis and treatment of cancer. The methods, compositions and kits described herein may be used for the treatment, diagnosis and prognosis of cancer including any cancer disclosed herein

[00195] In some embodiments, the methods comprise targeting a marker that is expressed at abnormal levels in tumor tissue in comparison to normal somatic tissue. In some embodiments, the marker may comprise a sequence selected from a sequence disclosed in Table 1, a complement thereof, or a combination thereof. In some embodiments, the methods for the treatment of cancer and related pharmaceutical preparations and kits are provided. Some embodiments are directed to methods of treating cancer comprising administering a composition including a therapeutic that affects the expression, abundance or activity of a target marker. In some embodiments, the target marker may include a sequence described in Table 1, a complement thereof, or any combination thereof.

[00196] Some embodiments are directed to methods of detecting cancer comprising detecting a level of a target marker associated with the cancer. In some embodiments, the target marker may include a sequence described in Table 1, a complement thereof or any combination thereof.

[00197] Some embodiments herein provide antigens (i.e. cancer-associated polypeptides) associated with cancer as targets for diagnostic and/or therapeutic antibodies. In some embodiments, these antigens may be useful for drug discovery (e.g., small molecules) and for further characterization of cellular regulation, growth, and differentiation.

[00198] Some embodiments describe a method of diagnosing cancer in a subject, the method comprising: (a) determining the expression of one or more genes or gene products or homologs thereof disclosed infra e.g. disclosed in Table 1 and/or infra under the heading Cancer Associated Sequences; and (b) comparing the expression of the one or more nucleic acid sequences from a second normal sample from the first subject or a second unaffected subject, wherein a difference in the expression indicates that the first subject has cancer. Some embodiments describe a method of eliciting an immune response against cells expressing a cancer associated sequence comprising contacting a subject with a cancer associated sequence under conditions effective to elicit an immune response in the subject, wherein the cancer associated sequence comprises a sequence or fragment thereof a gene selected from a gene described in Table 1 or a combination thereof.

[00199] Some embodiments describe a method of detecting cancer in a test sample, comprising: (i) detecting a level of activity of at least one polypeptide that is a gene product; and (ii) comparing the level of activity of the polypeptide in the test sample with a level of

activity of polypeptide in a normal sample, wherein an altered level of activity of the polypeptide in the test sample relative to the level of polypeptide activity in the normal sample is indicative of the presence of cancer in the test sample, wherein the gene product is a product of a gene selected from: a gene described in Table 1 or a combination thereof.

[00200] Some embodiments herein are directed to a method of treating cancer in a subject, the method comprising administering to a subject in need thereof a therapeutic agent modulating the activity of a cancer associated protein, wherein the cancer associated protein is encoded by a nucleic acid comprising a nucleic acid sequence selected from a sequence described in Table 1, homologs thereof, combinations thereof, or a fragment thereof. In some embodiments, the therapeutic agent binds to the cancer associated protein. In some embodiments, the therapeutic agent is an antibody. In some embodiments, the antibody may be a monoclonal antibody or a polyclonal antibody. In some embodiments, the antibody is a humanized or human antibody. In some embodiments, a method of treating cancer may comprise gene knockdown of a gene described in Table 1. In some embodiments, a method of treating cancer may comprise treating cells to knockdown or inhibit expression of a gene encoding an mRNA disclosed in Table 1. The methods disclosed herein may also be used for diagnosis and treatment of other conditions in which cells have become immortalized.

[00201] In some embodiments, a method of diagnosing a subject with cancer comprises obtaining a sample and detecting the presence of a cancer associated sequence selected from a sequence described in Table 1, a fragment thereof or a complement thereof wherein the presence of the cancer associated sequence indicates the subject has cancer. In some embodiments, detecting the presence of a cancer associated sequence comprises contacting the sample with an antibody or other type of capture reagent that specifically binds to the cancer associated sequence's protein and detecting the presence or absence of the binding to the cancer associated sequence's protein in the sample. The methods disclosed herein may also be used for diagnosis and treatment of other conditions in which cells have become immortalized.

[00202] In some embodiments, the present invention provides methods of treating cancer in a subject, the method comprising administering to a subject in need thereof a therapeutic agent that modulates the activity of a sequence disclosed in Table 1 or homologs thereof, wherein the therapeutic agent treats the cancer in the subject.

[00203] In some embodiments, the present invention provides methods of diagnosing cancer in a subject, the method comprising determining the expression of a gene disclosed in Table 1 from a sample; and diagnosing cancer in the subject based on the expression, wherein the subject is diagnosed as having cancer if the gene disclosed in Table 1 is overexpressed.

[00204] In some embodiments, the present invention provides methods of detecting cancer in a test sample, the method comprising: (i) detecting a level of an antibody, wherein the antibody binds to an antigenic polypeptide encoded by a nucleic acid sequence comprising a sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof; and (ii) comparing the level of the antibody in the test sample with a level of the antibody in a control sample, wherein an altered level of antibody in the test sample relative to the level of antibody in the control sample is indicative of the presence of cancer in the test sample.

[00205] In some embodiments, the present invention provides methods of detecting cancer in a test sample, comprising: (i) detecting a level of activity of at least one polypeptide that is encoded by a nucleic acid comprising a nucleic acid sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof; and (ii) comparing the level of activity of the polypeptide in the test sample with a level of activity of polypeptide in a normal sample, wherein an altered level of activity of the polypeptide in the test sample relative to the level of polypeptide activity in the normal sample is indicative of the presence of cancer in the test sample.

[00206] In some embodiments, the present invention provides methods of detecting cancer in a test sample, the method comprising: (i) detecting a level of expression of at least one polypeptide that is encoded by a nucleic acid comprising a nucleic acid sequence disclosed in Table 1, homologs thereof, combinations thereof, or a fragment thereof; and (ii) comparing the level of expression of the polypeptide in the test sample with a level of expression of polypeptide in a normal sample, wherein an altered level of expression of the polypeptide in the test sample relative to the level of polypeptide expression in the normal sample is indicative of the presence of cancer in the test sample.

[00207] In some embodiments, the present invention provides methods of detecting cancer in a test sample, the method comprising: (i) detecting a level of expression of a nucleic acid sequence comprising a nucleic acid sequence disclosed in Table 1, homologs thereof, mutant nucleic acids thereof, combinations thereof, or a fragment thereof; and (ii) comparing the level of expression of the nucleic acid sequence in the test sample with a level of expression of nucleic acid sequence in a normal sample, wherein an altered level of expression of the nucleic acid sequence in the test sample relative to the level of nucleic acid sequence expression in the normal sample is indicative of the presence of cancer in the test sample.

[00208] In some embodiments, the present invention provides methods of screening for activity against cancer, the method comprising: (a) contacting a cell that expresses a cancer associated gene comprising a sequence disclosed in Table 1, a complement thereof, homologs

thereof, combinations thereof, or fragments thereof with a cancer drug candidate; (b) detecting an effect of the cancer drug candidate on an expression of the cancer associated polynucleotide in the cell; and (c) comparing the level of expression in the absence of the drug candidate to the level of expression in the presence of the drug candidate; wherein an effect on the expression of the cancer associate polynucleotide indicates that the candidate has activity against cancer.

[00209] In some embodiments, the present invention provides methods of screening for activity against cancer, the method comprising: (a) contacting a cell that overexpresses a cancer associated gene comprising a sequence disclosed in Table 1, a complement thereof, homologs thereof, combinations thereof, or fragments thereof with a cancer drug candidate; (b) detecting an effect of the cancer drug candidate on an expression of the cancer associated polynucleotide in the cell or an effect on cell growth or viability; and (c) comparing the level of expression, cell growth, or viability in the absence of the drug candidate to the level of expression, cell growth, or viability in the presence of the drug candidate; wherein an effect on the expression of the cancer associated polynucleotide, cell growth, or viability indicates that the candidate has activity against cancer cell that overexpresses a cancer associated gene comprising the sequence disclosed in Table 1, a complement thereof, homologs thereof, combinations thereof, or fragments thereof.

[00210] In some embodiments, the present invention provides methods of diagnosing cancer in a subject, the method comprising: a) determining the expression of one or more nucleic acid sequences, wherein the one or more nucleic acid sequences comprises a sequence disclosed in Table 1, homologs thereof, combinations thereof, or fragments thereof in a first sample of a first subject; and b) comparing the expression of the one or more nucleic acid sequences from a second normal sample from the first subject or a second unaffected subject, wherein a difference in the expression of a sequence disclosed in Table 1indicates that the first subject has cancer.

[00211] In some embodiments, the present invention provides methods of diagnosing cancer in a subject, the method comprising: a) determining the expression of one or more genes or gene products or homologs thereof in a subject; and b) comparing the expression of the one or more genes or gene products or homologs thereof in the subject to the expression of one or more genes or gene products or homologs thereof from a normal sample from the subject or a normal sample from an unaffected subject, wherein a difference in the expression indicates that the subject has cancer, wherein the one or more genes or gene products comprises a sequence disclosed in Table 1.

[00212] In some embodiments, the present invention provides methods of detecting cancer in a test sample, comprising: (i) detecting a level of activity of at least one polypeptide; and (ii) comparing the level of activity of the polypeptide in the test sample with a level of activity of polypeptide in a normal sample, wherein an altered level of activity of the polypeptide in the test sample relative to the level of polypeptide activity in the normal sample is indicative of the presence of cancer in the test sample, wherein the polypeptide is a gene product of a sequence disclosed in Table 1.

[00213] In some embodiments, the present invention provides methods of diagnosing cancer in a subject, the method comprising: obtaining one or more gene expression results for one or more sequences, wherein the one or more sequences comprises a sequence disclosed in Table 1, from a sample derived from a subject; and diagnosing cancer in the subject based on the one or more gene expression results, wherein the subject is diagnosed as having cancer if one or more genes is overexpressed.

[00214] Embodiments illustrating the method and materials used may be further understood by reference to the following non-limiting examples.

EXAMPLES

[00215] The following examples are put forth so as to provide those of ordinary skill in the art with a complete disclosure and description of how to make and use the present invention, and are not intended to limit the scope of what the inventors regard as their invention nor are they intended to represent that the experiments below are all or the only experiments performed. Efforts have been made to ensure accuracy with respect to numbers used (e.g. amounts, temperature, etc.) but some experimental errors and deviations should be accounted for. Unless indicated otherwise, parts are parts by weight, molecular weight is weight average molecular weight, temperature is in degrees Centigrade, and pressure is at or near atmospheric.

EXAMPLE 1

[00216] Illiumina Microarray was used to assay various tissue samples to determine expression levels of the genes listed in Table 1. Also provided in Table 1 are the accession numbers of the genes analyzed and the sequence of the probe used in the Illumina assay. The raw data from all of the tissue samples screened is provided in Table 2 and demonstrates numerous genes that are elevated relative to normal tissue in a variety of cancer types.

Table 1

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
4850086	NM_000352.3	Homo sapiens ATP-binding cassette, sub-family C (CFTR/MRP), member 8 (ABCC8), mRNA.	GO:0005886|GO:0016021|GO:0005886|GO:0016020|GO:0016021|GO:0006810|GO:0006813|GO:0005975|GO:0006810|GO:0006813|GO:0000166|GO:0005524|GO:0008281|GO:0016887|GO:0042626|GO:0000166|GO:0004872|GO:0005524|GO:0008281|GO:0015079|GO:0016887|GO:0042626	TTCGTCCGTGCAGACAAGTGACCTGCCAGAGCCCAAGTGCCATCCCACAT	ABCC8
6110592	NM_148912.2	Homo sapiens abhydrolase domain containing 11 (ABHD11), transcript variant 1, mRNA.	GO:0005575|GO:0008150|GO:0016787	TCCCGGCCGTCGTCTTTTTGCACGGGCTCTTCGGCAGCAAAACTAACTTC	ABHD11
3190082	NM_018674.3	Homo sapiens amiloride-sensitive cation channel 4, pituitary (ACCN4), transcript variant 1, mRNA.	GO:0005887|GO:0016020|GO:0006811|GO:0006814|GO:0005216|GO:0005272|GO:0015081|GO:0031402	TCTTGGCAGGGGGAGAGGATGGCCCAGCAGGCCTGGCCCAGCTCCCAGTT	ACCN4
1450100	NM_030812.1	Homo sapiens actin-like 8 (ACTL8), mRNA.	GO:0005737|GO:0005856|GO:0005198|GO:0005515|GO:0005515	GCAGGGGACAGTTTTTCCAGGGTGGCCTATCATTGGGGTATGAGTGGCTG	ACTL8
5490382	NM_000670.3	Homo sapiens alcohol dehydrogenase 4 (class II), pi polypeptide (ADH4), mRNA.	GO:0005575|GO:0005737|GO:0006069|GO:0006081|GO:0042375|GO:0042572|GO:0046164|GO:0055114|GO:0003960|GO:0004024|GO:0004032|GO:0004745|GO:0005488|GO:0005503|GO:0008270|GO:0016491|GO:0019115|GO:0019841|GO:0046872|GO:0051287	GAGCATCAGGAAGAATAGCTAATGGATGCTGGGCTTCATACCTGGGTGAT	ADH4
3520709	NM_000673.3	Homo sapiens alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide (ADH7), mRNA.	GO:0005737|GO:0055114|GO:0001523|GO:0006069|GO:0010430|GO:0045471|GO:0055114|GO:0005488|GO:0008270|GO:0016491|GO:0046872|GO:0004024|GO:0004031|GO:0004745|GO:0004745|GO:0005488|GO:0008270|GO:0016491|GO:0019841|GO:0035276|GO:0046872|GO:0048019	CAGTAGAATTGCAAGTCCCTAAGTCCCTATTCACTGTGCTTAGTAGTGAC	ADH7
3120681	NM_001133.2	Homo sapiens afamin (AFM), mRNA.	GO:0005576|GO:0005615|GO:0006810	GCACCAAAGGGAAGGCTTCCTATCTGTGTGGTGATGAATCGCATTTCCTG	AFM
2030161	NM_001134.1	Homo sapiens alpha-fetoprotein (AFP), mRNA.	GO:0005576|GO:0005615|GO:0005737|GO:0001542|GO:0006810|GO:0019953|GO:0042448|GO:0005507|GO:0016151|GO:0046872	GGAGAAATGCTGCCAAGGCCAGGAACAGGAAGTCTGCTTTGCTGAAGAGG	AFP

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
270709	NM_000030.1	Homo sapiens alanine-glyoxylate aminotransferase (AGXT), mRNA.	GO:0005739|GO:0005759|GO:0005777|GO:0005777|GO:0005777|GO:0006625|GO:0008152|GO:0046487|GO:0046724|GO:0004760|GO:0005515|GO:0008453|GO:0016740|GO:0030170|GO:0042803	TTTCCCTCCAGTGGCACCTCCTGGAAACAGTCCACTTGGGCGCAAAACCC	AGXT
2320377	NM_001622.1	Homo sapiens alpha-2-HS-glycoprotein (AHSG), mRNA.	GO:0005576|GO:0005615|GO:0001501|GO:0001503|GO:0006907|GO:0006953|GO:0030502|GO:0046627|GO:0050727|GO:0050766|GO:0004869|GO:0019210	TCCTCACAGGACAGAAGCAGAGTGGGTGGTGGTTATGTTTGACAGAAGGC	AHSG
1260270	NM_004833.1	Homo sapiens absent in melanoma 2 (AIM2), mRNA.	GO:0005634|GO:0006955|GO:0045786|GO:0005515|GO:0005515	GCTGGTGAAACCCCGAAGATCAACACGCTTCAAACTCAGCCCCTTGGAAC	AIM2
2760274	NM_001080538.1	Homo sapiens aldo-keto reductase family 1, member B15 (AKR1B15), mRNA.		GGCAACCATACTCAGCTTCAACAGAAACTGGAGGGCCTTTGACTTCAAGG	AKR1B15
2650736	NM_001818.2	Homo sapiens aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysterold dehydrogenase, type I; dihydrodiol dehydrogenase 4) (AKR1C4), mRNA.	GO:0005737|GO:0005829|GO:0008209|GO:0015721|GO:0055114|GO:0004033|GO:0004033|GO:0009055|GO:0015125|GO:0016491|GO:0047042|GO:0047743	ATTAGCATAGAGGGTGTTGCACGACATCTAGCAGAAGGCCCTGTGTGTGG	AKR1C4
5910010	NM_000477.3	Homo sapiens albumin (ALB), mRNA.	GO:0005576|GO:0005615|GO:0005737|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0031093|GO:0043234|GO:0006810|GO:0006810|GO:0009267|GO:0019836|GO:0043066|GO:0043072|GO:0051659|GO:0003677|GO:0005504|GO:0005504|GO:0005504|GO:0005507|GO:0005515|GO:0008144|GO:0008144|GO:0008144|GO:0008144|GO:0008144|GO:0015643|GO:0016209|GO:0019825|GO:0030170|GO:0046872	GCCCTGTGCAGAAGACTATCTATCCGTGGTCCTGAACCAGTTATGTGTGT	ALB
5310524	NM_001013620.3	Homo sapiens asparagine-linked glycosylation 10, alpha-1,2-glucosyltransferase homolog B (yeast) (ALG10B), mRNA.	GO:0005886|GO:0016021|GO:0016757	GTCTGAGCTGGGATTCGTAACCAGGCAGCCTGACTCCAAAATCAATATTC	ALG10B

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3780156	NM_000479.2	Homo sapiens anti-Mullerian hormone (AMH), mRNA.	GO:0005576|GO:0005615|GO:0005737|GO:0001880|GO:0007267|GO:0007506|GO:0007530|GO:0007548|GO:0005179|GO:0008083	CTCATCAGCCTGTCGGAGGAACGCATCAGCGCGCACCACGTGCCCAACAT	AMH
1050561	NM_014495.2	Homo sapiens angiopoietin-like 3 (ANGPTL3), mRNA.	GO:0005576|GO:0005615|GO:0006071|GO:0006631|GO:0007160|GO:0007165|GO:0007229|GO:0008203|GO:0009395|GO:0010519|GO:0019915|GO:0030335|GO:0042632|GO:0045766|GO:0048844|GO:0050996|GO:0051005|GO:0055090|GO:0055091|GO:0004857|GO:0004859|GO:0005178|GO:0008083|GO:0043498	CTGTCCAGAGGGTTATTCAGGAGGCTGGTGGTGGCATGATGAGTGTGGAG	ANGPTL3
2480040	NM_001010925.2	Homo sapiens ankyrin repeat domain 19 (ANKRD19), mRNA.		TCTTTTGGCCTTTCCCCAATGCTTGAAAGAAGATCACCACTGCTGGAGGC	ANKRD19
5910309	XM_001131823.1	PREDICTED: Homo sapiens ankyrin repeat domain 30A (ANKRD30A), mRNA.	GO:0005634|GO:0006355|GO:0006508|GO:0003700|GO:0004190|GO:0005515	GAGAGTCTCTGTGAGACTGTTTCACAGAAGGATGTGTGTTTACCCAAGGC	ANKRD30A
5810050	NM_198555.3	Homo sapiens ankyrin repeat domain 36 (ANKRD36), mRNA.		GCGCTTGTGCTCGGATGGCTTCGCATTTCCCCAATACCCCATTAAACCGT	ANKRD36
1030184	NM_004306.2	Homo sapiens annexin A13 (ANXA13), transcript variant 1, mRNA.	GO:0005886|GO:0030154|GO:0005509|GO:0005544	CAGGGCAATAGGAACACAGGGTGGAACCGCCTTTGTCAAGAGCACATTCC	ANXA13
3460279	NM_001639.2	Homo sapiens amyloid P component, serum (APCS), mRNA.	GO:0005576|GO:0005615|GO:0006457|GO:0006953|GO:0051131|GO:0005509|GO:0005529|GO:0051082	GGGACTCTGTGCTGCCCCCAGAAAATATCCTGTCTGCCTATCAGGGTACC	APCS

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
4570364	NM_000039.1	Homo sapiens apolipoprotein A-I (APOA1), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005788|GO:0030139|GO:0031410|GO:0034364|GO:0034364|GO:0034364|GO:0002740|GO:0006629|GO:0006656|GO:0006869|GO:0007186|GO:0008202|GO:0008203|GO:0032488|GO:0033344|GO:0033344|GO:0033344|GO:0033700|GO:0033700|GO:0034435|GO:0042157|GO:0042632|GO:0043691|GO:0050713|GO:0050821|GO:0001540|GO:0005319|GO:0005543|GO:0015485|GO:0017127|GO:0017127|GO:0019899|GO:0034191|GO:0042802|GO:0060228	AGCGCTCTCGAGGAGTACACTAAGAAGCTCAACACCCAGTGAGGCGCCCG	APOA1
6380020	NM_001643.1	Homo sapiens apolipoprotein A-II (APOA2), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0005788|GO:0034361|GO:0034364|GO:0034364|GO:0034364|GO:0042627|GO:0002740|GO:0006457|GO:0006656|GO:0006869|GO:0008203|GO:0009749|GO:0030300|GO:0031647|GO:0033344|GO:0033700|GO:0034370|GO:0042157|GO:0042632|GO:0043691|GO:0044419|GO:0045416|GO:0046464|GO:0050995|GO:0060192|GO:0005319|GO:0005515|GO:0008289|GO:0017127|GO:0034190|GO:0042803|GO:0046982|GO:0055102|GO:0060228	GGTTCGGAGACAGGCAAAGGAGCCATGTGTGGAGAGCCTGGTTTCTCAGT	APOA2
3780468	NM_000482.3	Homo sapiens apolipoprotein A-IV (APOA4), mRNA.	GO:0005576|GO:0005634|GO:0005737|GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0005634|GO:0005737|GO:0005788|GO:0034361|GO:0034364|GO:0042627|GO:0006869|GO:0042157|GO:0002227|GO:0006869|GO:0006982|GO:0007159|GO:0008203|GO:0019430|GO:0032374|GO:0033344|GO:0033344|GO:0033700|GO:0034445|GO:0042157|GO:0042632|GO:0042744|GO:0043691|GO:0044240|GO:0046470|GO:0055088|GO:0065005|GO:0008289|GO:0005319|GO:0005507|GO:0008289|GO:0016209|GO:0017127|GO:0031210|GO:0031210|GO:0042803|GO:0043499|GO:0060228	GAAGGCCACTTGAGCTTCCTGGAGAAGGACCTGAGGGACAAGGTCAACTC	APOA4

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
240541	NM_000384.2	Homo sapiens apolipoprotein B (including Ag(x) antigen) (APOB), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005783|GO:0005788|GO:0005792|GO:0005886|GO:0005886|GO:0010008|GO:0030669|GO:0031904|GO:0034359|GO:0034360|GO:0034361|GO:0034362|GO:0006629|GO:0006642|GO:0006869|GO:0008202|GO:0008203|GO:0030301|GO:0034374|GO:0034383|GO:0034383|GO:0042632|GO:0006869|GO:0005319|GO:0005543|GO:0008201|GO:0017127|GO:0046982|GO:0050750|GO:0050750|GO:0005319	TAAGCAGAAGCACATATGAACTGGACCTGCACCAAAGCTGGCACCAGGGC	APOB
2630010	NM_000040.1	Homo sapiens apolipoprotein C-III (APOC3), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0034361|GO:0034363|GO:0034366|GO:0042627|GO:0006869|GO:0042157|GO:0006869|GO:0007186|GO:0016042|GO:0019433|GO:0032488|GO:0033344|GO:0033344|GO:0033700|GO:0034375|GO:0042157|GO:0045717|GO:0051005|GO:0008289|GO:0005319|GO:0005543|GO:0005543|GO:0015485|GO:0030234	AAAGGGACAGTATTCTCAGTGCTCTCCTACCCCACCTCATGCCTGGCCCC	APOC3
1740669	NM_000042.2	Homo sapiens apolipoprotein H (beta-2-glycoprotein I) (APOH), mRNA.	GO:0005576|GO:0005615|GO:0005634|GO:0005737|GO:0009986|GO:0034361|GO:0034364|GO:0042627|GO:0001937|GO:0006641|GO:0007597|GO:0010596|GO:0016525|GO:0030194|GO:0030195|GO:0031639|GO:0033033|GO:0034197|GO:0034392|GO:0051006|GO:0051918|GO:0001948|GO:0005543|GO:0008201|GO:0043499|GO:0060230	CTGGATGGCCCGGAAGAAATAGAATGTACCAAACTGGGAAACTGGTCTGC	APOH
2340577	NM_080429.2	Homo sapiens aquaporin 10 (AQP10), mRNA.	GO:0016020|GO:0016021|GO:0006810|GO:0005215	CCCTGCAGAGGATGCTCGTTTTGCAGAGAAGGCAGTGTTCCTCTATTCCC	AQP10
1850521	NM_030672.2	Homo sapiens Rho GTPase activating protein 28 (ARHGAP28), transcript variant 2, mRNA.	GO:0005622|GO:0005622|GO:0005622|GO:0007165|GO:0007165|GO:0007165|GO:0005096	CGACAGAGACCAACAGGAGCCCCAAACATGTATTCCTCTTCACTATTGGC	ARHGAP28
2650594	NM_001080156.1	Homo sapiens Rho GTPase activating protein 9 (ARHGAP9), transcript variant 3, mRNA.	GO:0005622|GO:0007165|GO:0005096|GO:0005515	CGATGGGAGGTATGTGTTCCCAGAACAGCCAGGACAAGAAGGTCGGTTAG	ARHGAP9

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
130110	NM_024087.1	Homo sapiens ankyrin repeat and SOCS box-containing 9 (ASB9), transcript variant 2, mRNA.	GO:0005634|GO:0005730|GO:0005737|GO:0006511|GO:0007242	AGGGCCCCCTTCTTTGATGCAGTTATGCCGCCTTAGAATTCGGAAGTGTT	ASB9
4830376	NM_004316.2	Homo sapiens achaete-scute complex homolog 1 (Drosophila) (ASCL1), mRNA.	GO:0005634|GO:0001764|GO:0006355|GO:0007219|GO:0007389|GO:0007399|GO:0007400|GO:0007405|GO:0010001|GO:0048666|GO:0060163|GO:0060165|GO:0003700|GO:0005515	CTCCTCATAGGTGAGATCAAGAGGCCACCAGTTGTACTTCAGCACCAATG	ASCL1
7200435	NM_005170.2	Homo sapiens achaete-scute complex homolog 2 (Drosophila) (ASCL2), mRNA.	GO:0005634|GO:0001701|GO:0006355|GO:0007275|GO:0007417|GO:0007422|GO:0030154|GO:0003700	AAGAACCCTTGACCTGGGGCGTAATAAAGATGACCTGGACCCCTGCCCCC	ASCL2
6290239	NM_001692.3	Homo sapiens ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B1 (ATP6V1B1), mRNA.	GO:0005624|GO:0005737|GO:0012505|GO:0016020|GO:0016323|GO:0016324|GO:0016469|GO:0016471|GO:0001503|GO:0006754|GO:0006811|GO:0006885|GO:0007588|GO:0007605|GO:0015988|GO:0008553|GO:0016787|GO:0046872|GO:0046933|GO:0046961	TCCCGGTGCTGCGGAAGAACTGAAGGTTGCGATGCCTTACTCTGACGGGA	ATP6V1B1
2480241	NM_001695.4	Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1 (ATP6V1C1), mRNA.	GO:0016469|GO:0016469|GO:0006811|GO:0015992|GO:0005524|GO:0016820|GO:0005215|GO:0005515|GO:0005524|GO:0008553|GO:0016787|GO:0016820|GO:0046961	GAGTAAAGCCATGGAAGCCATGAACAGTAAGAGACTGCCGCCTGGCATGG	ATP6V1C1
5080561	NM_000465.1	Homo sapiens BRCA1 associated RING domain 1 (BARD1), mRNA.	GO:0000151|GO:0005622|GO:0005634|GO:0005634|GO:0005737|GO:0031436|GO:0001894|GO:0006974|GO:0007050|GO:0016567|GO:0031441|GO:0042325|GO:0043065|GO:0043066|GO:0045732|GO:0046826|GO:0003723|GO:0004842|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0008270|GO:0019900|GO:0042803|GO:0046872|GO:0046982	TGTAATTATCACCCAGAGAGGGTTCGGCAGGGCAAAGTCTGGAAGGCTCC	BARD1
1770253	NM_152439.2	Homo sapiens bestrophin 3 (BEST3), transcript variant 2, mRNA.	GO:0005886|GO:0016021|GO:0006811|GO:0008150|GO:0015698|GO:0043271|GO:0003674|GO:0005216|GO:0005254|GO:0005509|GO:0031404	CCTCCCCAAAAGCAGCATATTAGGCCCAGGACATACCTGAAGGCTGGTCG	BEST3
6280440	NM_001197.3	Homo sapiens BCL2-interacting killer (apoptosis-inducing) (BIK), mRNA.	GO:0005740|GO:0012505|GO:0016020|GO:0016021|GO:0006917|GO:0008632|GO:0042981|GO:0005515|GO:0005515	CCATGACCACTGCCCTGGAGGTGGCGGCCTGCTGCTGTTATCTTTTTAAC	BIK

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3450347	NM_022161.2	Homo sapiens baculoviral IAP repeat-containing 7 (BIRC7), transcript variant 2, mRNA.	GO:0005622|GO:0005634|GO:0005737|GO:0006309|GO:0006915|GO:0006916|GO:0007257|GO:0008270|GO:0019899|GO:0046872|GO:0005515|GO:0008270|GO:0046872	TGTTCTGGACTGTGTTCTGGGCCTGCTGAGGATGGCAGAGCTGGTGTCCA	BIRC7
3170100	NM_001719.1	Homo sapiens bone morphogenetic protein 7 (osteogenic protein 1) (BMP7), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0040007|GO:0040007|GO:0040007|GO:0001503|GO:0001707|GO:0001822|GO:0001837|GO:0007389|GO:0007411|GO:0007435|GO:0009887|GO:0030501|GO:0030509|GO:0040007|GO:0042475|GO:0045669|GO:0045786|GO:0045941|GO:0048468|GO:0048593|GO:0048754|GO:0051216|GO:0008083|GO:0008083|GO:0008083|GO:0005125|GO:0005515|GO:0005515|GO:0008083	TGGCAAGGGGTGGGCACATTGGTGTCTGTGCGAAAGGAAAATTGACCCGG	BMP7
2600554	NM_001080466.1	Homo sapiens BTB (POZ) domain containing 17 (BTBD17), mRNA.		GGAGTCCAGGTGAGGCGTGGTAGACAAGATGCCTGGTTTCAAGAGCTGAT	BTBD17
2510253	NM_145306.2	Homo sapiens chromosome 10 open reading frame 35 (C10orf35), mRNA.	GO:0016020|GO:0016021|GO:0005515|GO:0005515	ACATGTTCCGATGCCTGTGGAAGACATGCCGACGTCTCCTCTGCCTAGGG	C10orf35
7570477	NM_018169.2	Homo sapiens chromosome 12 open reading frame 35 (C12orf35), mRNA.		ACGGAAGGATGTAAAGCCTCATCCTAGGAAGGAGCAAGCCCCTCTGCAAG	C12orf35
7510424	NM_018169.2	Homo sapiens chromosome 12 open reading frame 35 (C12orf35), mRNA.		TGAGAACTTTGGGTAGCCATGTGTAAGAAATGGATGGTATTCACCGGGGA	C12orf35
6040452	NM_001099676.1	Homo sapiens chromosome 12 open reading frame 56 (C12orf56), mRNA.		TGCCAGCCTTGCAGAAAAGGCTCCCATTGTGTTACCCCATCACTCAACCT	C12orf56
1850068	NM_138779.2	Homo sapiens chromosome 13 open reading frame 27 (C13orf27), mRNA.		CACTGGATTGAGAAGGCAAATCATTCCATGGCAGTGAAAGGACGGTCGAC	C13orf27
6110440	NM_021185.3	Homo sapiens chromosome 19 open reading frame 15 (C19orf15), mRNA.	GO:0016020|GO:0016021	TCCAGGATGACAGAGGACAGGGCTGAACCCAAGGAAGCCGTGGAGAGACA	C19orf15

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
6960035	NM_012109.1	Homo sapiens chromosome 19 open reading frame 4 (C19orf4), mRNA.		GAGCTGCGTCTTGCTAGGGCTTCCCCCTTCTCCCCATCCCGGTCTCCAGA	C19orf4
7050215	NM_178550.3	Homo sapiens chromosome 1 open reading frame 110 (C1orf110), mRNA.		GTCAGCAGCTCTATCTCACCAATGACAGCCAGAATAGCAAGCAACCACTG	C1orf110
1710242	NM_144584.1	Homo sapiens chromosome 1 open reading frame 59 (C1orf59), mRNA.		GACTCAATTCCTCTGAGCAGTGATGGTTCTGCAGTGGTGGCTGACCTGCG	C1orf59
4890670	NM_006365.1	Homo sapiens chromosome 1 open reading frame 61 (C1orf61), mRNA.	GO:0005634	CAGGAAGCCCACTGTACCTGGAGCCATCTGGGATAAGACTTTGACCCATG	C1orf61
4540468	NM_178840.2	Homo sapiens chromosome 1 open reading frame 64 (C1orf64), mRNA.		GATCCGCTAAGGGGCATCTGAAACATCCGTCGAGTGGCAGAGGCAGGATA	C1orf64
6510360	NM_032705.2	Homo sapiens chromosome 1 open reading frame 97 (C1orf97), mRNA.		CTCAGCGTTTTGGTGTAAGGCGGCCAAAGAAGGATGCGGAGCCCAGCACT	C1orf97
6110102	NM_018354.1	Homo sapiens chromosome 20 open reading frame 46 (C20orf46), mRNA.	GO:0016020|GO:0016021	GCCCCACACGGGCAAGCAGCCCACTGATCTGTTTTGTAGCTGAGGTTTTG	C20orf46
6110152	NM_019596.2	Homo sapiens chromosome 21 open reading frame 62 (C21orf62), mRNA.	GO:0005575|GO:0008150|GO:0003674	GCCTGGGGCTAGTAGCTTATTGCCTCTGGCCAGTGGTGTGCTAACAAAAG	C21orf62
2490044	NM_058191.3	Homo sapiens chromosome 21 open reading frame 66 (C21orf66), transcript variant 4, mRNA.		CGACAGCAGCATGAGAAACATCTGCAAAGCCGAGTGGACTCTACCAGGGC	C21orf66
1070224	NM_013310.3	Homo sapiens chromosome 2 open reading frame 27A (C2orf27A), mRNA.		CCAACATGCTCTAATGCTTCAGATTCAAGTGCTTTTTCCACTGTTTCCCC	C2orf27A
2070377	NM_001105519.1	Homo sapiens chromosome 2 open reading frame 70 (C2orf70), mRNA.		CCTGATGCCTGAGATCCTGGGTCGTGACCAGCCTGGCTTGCTTGGAATAA	C2orf70
2000128	NM_000715.3	Homo sapiens complement component 4 binding protein, alpha (C4BPA), mRNA.	GO:0005634|GO:0005737|GO:0005576|GO:0005634|GO:0005737|GO:0006958|GO:0045087|GO:0005515|GO:0005515	CTCATGCAGTGTCTCCCAAACCCAGAGGATGTGAAAATGGCCCTGGAGGT	C4BPA

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
6100241	NM_152997.2	Homo sapiens chromosome 4 open reading frame 7 (C4orf7), mRNA.		GCCATCTTGGCAGTGGCTGTTGGTTTCCCAGTCTCTCAAGACCAGGAACG	C4orf7
6420689	NM_001010909.1	Homo sapiens chromosome 6 open reading frame 205 (C6orf205), mRNA.		CCTCTCACAAAGATGCTTATCTAACCTCCCCAGCAGTCATGGGTTTCAGC	C6orf205
6060347	NM_001017361.2	Homo sapiens chromosome 6 open reading frame 221 (C6orf221), mRNA.		GCCTCACTTAAGTCCAGGAAGCTGGGGTGGCGAGGAAGGATGATGTGGAT	C6orf221
6040156	XM_938497.2	PREDICTED: Homo sapiens chromosome 6 open reading frame 52 (C6orf52), mRNA.		CACTGGCAGCCTCTGGACACAGTTCACTCCGAAATCCCAGATGAGACCCC	C6orf52
3870593	NM_001010905.1	Homo sapiens chromosome 6 open reading frame 58 (C6orf58), mRNA.	GO:0005576	GGGTACTGGCTGTGGATCATTTAGCTGCAGTCCTCTTTCCTACAACCTTG	C6orf58
3610180	NM_006658.2	Homo sapiens chromosome 7 open reading frame 16 (C7orf16), mRNA.		TGGATGCCCAGGGGAAGGCATACAGGCCTCATCCACCAGGCAATAGACAG	C7orf16
6450403	NM_000562.1	Homo sapiens complement component 8, alpha polypeptide (C8A), mRNA.	GO:0005576|GO:0005576|GO:0005579|GO:0005615|GO:0016020|GO:0006957|GO:0006958|GO:0019835	TTGTTCTGCCAGCTTCCAGGCCTAAGACTAGGTTTTGCTGTCTACAGCCA	C8A
4260280	NM_001012502.1	Homo sapiens chromosome 9 open reading frame 117 (C9orf117), mRNA.		GGCGAAAATCTGGCAAGTCCTTTCCCCGCTGTAGGCCTCAACCTCTCCAG	C9orf117
6650215	NM_147169.1	Homo sapiens chromosome 9 open reading frame 24 (C9orf24), transcript variant 3, mRNA.		ACAACTCCCCCGCCGTCATACTACCCATATCCGAACCTTAGATGGGACAC	C9orf24
2190139	NM_001738.1	Homo sapiens carbonic anhydrase I (CA1), mRNA.	GO:0005737|GO:0005794|GO:0006730|GO:0004089|GO:0008270|GO:0016829|GO:0046872	AATGTTGAAGGTGATAACGCTGTCCCCATGCAGCACAACAACCGCCCAAC	CA1
4850170	NM_171825.1	Homo sapiens calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha (CAMK2A), transcript variant 2, mRNA.	GO:0005886|GO:0030054|GO:0045202|GO:0005954|GO:0006468|GO:0051092|GO:0006468|GO:0000166|GO:0004683|GO:0005516|GO:0005524|GO:0016740|GO:0000166|GO:0004683|GO:0005524|GO:0016740	CAGGAAAGTGTTCTCCTGGGTTTGTGCCCACCATGGTGCGAATCCTGACC	CAMK2A
5310343	NM_024046.3	Homo sapiens CaM kinase-like vesicle-associated (CAMKV), mRNA.	GO:0005634|GO:0005730|GO:0005737|GO:0005813|GO:0016020|GO:0006468|GO:0004674|GO:0005524	TCCCTGCATGCCTGTGGGTCTGCTCTGGTGTGTGAAGGTCGGTGGGTTAA	CAMKV

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3710176	NM_144647.3	Homo sapiens calcyphosine-like (CAPSL), transcript variant 1, mRNA.	GO:0005737|GO:0005509	CATGATGAGAACCGCCTGGAAGCTTTAAGCACATGACCTGGGGACCAGGC	CAPSL
1450671	NM_032415.2	Homo sapiens caspase recruitment domain family, member 11 (CARD11), mRNA.	GO:0005622|GO:0005737|GO:0005829|GO:0005829|GO:0005829|GO:0005829|GO:0005886|GO:0042101|GO:0045121|GO:0001819|GO:0007165|GO:0030890|GO:0042102|GO:0042981|GO:0043123|GO:0045061|GO:0045086|GO:0045577|GO:0045580|GO:0050776|GO:0051092|GO:0004385|GO:0005515|GO:0050700	CCCAGGCAGGACAGATCGGGGAAGGGGTGTGTACCAGGCTATGATTTCTC	CARD11
3830598	NM_004291.2	Homo sapiens CART prepropeptide (CARTPT), mRNA.	GO:0005576|GO:0005615|GO:0005615|GO:0000186|GO:0001678|GO:0007165|GO:0007218|GO:0007268|GO:0008343|GO:0009267|GO:0009267|GO:0032099|GO:0032099|GO:0032812|GO:0032922|GO:0045671|GO:0045777|GO:0045779|GO:0046850|GO:0051971|GO:0005515	AGTGTGCAGTGAGGAAAGGGGCAAGGATCGGGAAGCTGTGTGACTGTCCC	CARTPT
3830170	NM_003655.2	Homo sapiens chromobox homolog 4 (Pc class homolog, Drosophila) (CBX4), mRNA.	GO:0000785|GO:0005634|GO:0000122|GO:0006333|GO:0006350|GO:0006355|GO:0006511|GO:0006916|GO:0016568|GO:0003682|GO:0003714|GO:0051219	GAAATGTATTGTTTGAGCTCAAAAGGCCCGACCACCCCCCTTCGGGCTGC	CBX4
5340348	NM_002988.2	Homo sapiens chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) (CCL18), mRNA.	GO:0005576|GO:0005615|GO:0006935|GO:0006954|GO:0006955|GO:0007165|GO:0007267|GO:0009607|GO:0005515|GO:0008009	AGTGAACTTGGTGGGCCCAGGAGGGAACAGGAGCCTGAGCCAGGGCAATG	CCL18
780356	NM_002991.2	Homo sapiens chemokine (C-C motif) ligand 24 (CCL24), mRNA.	GO:0005576|GO:0005615|GO:0006935|GO:0006954|GO:0006955|GO:0007165|GO:0007267|GO:0008009	CAGCAGTTCTGTGGCGACCCCAAGCAGGAGTGGGTCCAGAGGTACATGAA	CCL24
5360070	NM_004701.2	Homo sapiens cyclin B2 (CCNB2), mRNA.	GO:0005634|GO:0005829|GO:0015630|GO:0007049|GO:0007067|GO:0051301|GO:0005515	CAGCATGATCCCTCAGCTGAACTCAAAAGCCGTCAAAGACCTTGCCTCCC	CCNB2
6250672	NM_021147.3	Homo sapiens cyclin O (CCNO), mRNA.	GO:0005634|GO:0005654|GO:0005654|GO:0006284|GO:0008152|GO:0045008|GO:0045008|GO:0004844|GO:0004844|GO:0016798	AGTACTGGTCCACAGAGAAGGCTTCAGGACCTGCTTGGTCAGCTGCAGGT	CCNO

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580100	NM_174941.4	Homo sapiens CD163 molecule-like 1 (CD163L1), mRNA.	GO:0005576|GO:0005886|GO:0016021|GO:0005044	GCCTCAAGAGAGAGGACCCACATGGGACAAGAACCTCAGATGACACCCCC	CD163L1
7210136	NM_001770.4	Homo sapiens CD19 molecule (CD19), mRNA.	GO:0005886|GO:0005887|GO:0009897|GO:0006968|GO:0007166|GO:0005057|GO:0005515	GGTGGCCAGCCTGGATCTCCTCAAGTCCCCAAGATTCACACCTGACTCTG	CD19
1170671	NM_000732.4	Homo sapiens CD3d molecule, delta (CD3-TCR complex) (CD3D), transcript variant 1, mRNA.	GO:0016020|GO:0042105|GO:0005737|GO:0005886|GO:0005886|GO:0005886|GO:0016021|GO:0042101|GO:0007166|GO:0045059|GO:0007166|GO:0045059|GO:0004888|GO:0005515|GO:0004888|GO:0005515|GO:0046982	GCTTTGGGAGTCTTCTGCTTTGCTGGACATGAGACTGGAAGGCTGTCTGG	CD3D
1580411	NM_001040651.1	Homo sapiens CD3d molecule, delta (CD3-TCR complex) (CD3D), transcript variant 2, mRNA.	GO:0016020|GO:0042105|GO:0005737|GO:0005886|GO:0005886|GO:0005886|GO:0016021|GO:0042101|GO:0007166|GO:0045059|GO:0007166|GO:0045059|GO:0004888|GO:0005515|GO:0004888|GO:0005515|GO:0046982	CCACCTTGGAGGAAACTGGGCTCGGAACAAGTGAACCTGAGACTGGTGGC	CD3D
20129	NM_001803.2	Homo sapiens CD52 molecule (CD52), mRNA.	GO:0005624|GO:0005886|GO:0005887|GO:0031225|GO:0007204|GO:0045730	AACGACACCAGCCAAACCAGCAGCCCCTCAGCATCCAGCAACATAAGCGG	CD52
4220068	NM_001252.3	Homo sapiens CD70 molecule (CD70), mRNA.	GO:0000299|GO:0005615|GO:0005886|GO:0005887|GO:0006917|GO:0006955|GO:0007165|GO:0007267|GO:0008283|GO:0005125|GO:0005164	GAGGGGACACACTCTGCACCAACCTCACTGGGACACTTTTGCCTTCCCGA	CD70
3940504	NM_021601.3	Homo sapiens CD79a molecule, immunoglobulin-associated alpha (CD79A), transcript variant 2, mRNA.	GO:0005771|GO:0005886|GO:0009897|GO:0016021|GO:0019815|GO:0045121|GO:0006955|GO:0007166|GO:0030183|GO:0042100|GO:0050853|GO:0004888|GO:0005515	GGGAGCTGATTGTAGCAGCCTCGTTAGTGTCACCCCCTCCTCCCTGATCT	CD79A
770167	NM_001039933.1	Homo sapiens CD79b molecule, immunoglobulin-associated beta (CD79B), transcript variant 3, mRNA.	GO:0005634|GO:0005737|GO:0005794|GO:0005886|GO:0005886|GO:0005887|GO:0009897|GO:0019815|GO:0006955|GO:0007166|GO:0050853|GO:0004888|GO:0005515	GCCTCCAGTGCCTTCCCCCGTGGAATAAACGGTGTGTCCTGAGAAACCAC	CD79B

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4200451	NM_001790.3	Homo sapiens cell division cycle 25 homolog C (S. pombe) (CDC25C), transcript variant 1, mRNA.	GO:0005622|GO:0005575|GO:0005622|GO:0005634|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005737|GO:0005829|GO:0005829|GO:0000087|GO:0006470|GO:0051301|GO:0000079|GO:0006260|GO:0006470|GO:0007049|GO:0007088|GO:0007089|GO:0008283|GO:0044419|GO:0051301|GO:0004725|GO:0004725|GO:0005515|GO:0005515|GO:0005515|GO:0016787	GCCGCTGTCTGCGTGAAGAGGACAGGTCTCTGAACCAGTATCCTGCATTG	CDC25C
3460152	NM_022809.2	Homo sapiens cell division cycle 25 homolog C (S. pombe) (CDC25C), transcript variant 2, mRNA.	GO:0005622|GO:0005575|GO:0005622|GO:0005634|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005737|GO:0005829|GO:0005829|GO:0000087|GO:0006470|GO:0051301|GO:0000079|GO:0006260|GO:0006470|GO:0007049|GO:0007088|GO:0007089|GO:0008283|GO:0044419|GO:0051301|GO:0004725|GO:0004725|GO:0005515|GO:0005515|GO:0005515|GO:0016787	GACACTGCAGAAACCCTGAGCAGAAAGAGGCCTTCTGGATGGCCAAACCC	CDC25C
2940398	NM_152562.2	Homo sapiens cell division cycle associated 2 (CDCA2), mRNA.	GO:0005634|GO:0007049|GO:0007067|GO:0051301	AAAACCGCAGATGGCACCTCCCGTCTCAGATCCAGAAAACAGCCAGGGCC	CDCA2
2260424	NM_006727.2	Homo sapiens cadherin 10, type 2 (T2-cadherin) (CDH10), mRNA.	GO:0005886|GO:0016021|GO:0007156|GO:0005509|GO:0005515	AGCAACCTCACAAACAAGCCGCTTCTGTTAGGTACATGTCCTGCCCTTGC	CDH10
1260025	NM_016408.2	Homo sapiens CDK5 regulatory subunit associated protein 1 (CDK5RAP1), transcript variant 1, mRNA.	GO:0003824|GO:0051536	GGACCACTCTGAGGGACTCTTCTGCATATTGCTGACCTGAGAGGATGGCC	CDK5RAP1
5260014	NM_005192.2	Homo sapiens cyclin-dependent kinase inhibitor 3 (CDK2-associated dual specificity phosphatase) (CDKN3), mRNA.	GO:0000079|GO:0000082|GO:0007049|GO:0007050|GO:0008285|GO:0016311|GO:0004722|GO:0004725|GO:0005515|GO:0008138|GO:0016787	CGCAGATGGAGGGACTCCTGACATAGCCAGCTGCTGTGAAATAATGGAAG	CDKN3
2360632	NM_004363.2	Homo sapiens carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5), mRNA.	GO:0005886|GO:0005887|GO:0031225	GGGATACCGCAGCAACACACACAAGTTCTCTTTATCGCCAAAATCACGCC	CEACAM5

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6350437	NM_001407.2	Homo sapiens cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila) (CELSR3), mRNA.	GO:0005886|GO:0016021|GO:0007156|GO:0007165|GO:0007218|GO:0007275|GO:0004872|GO:0004930|GO:0005509	CCCAGCGGCCCTCTTTCCTGTCTGTGTAAATTGTTCCGTGAAGCCGCGCT	CELSR3
4920019	NM_032545.2	Homo sapiens cripto, FRL-1, cryptic family 1 (CFC1), mRNA.	GO:0005575|GO:0007275|GO:0007368|GO:0007369|GO:0003674	GCACTAAGAGAAGGAGACTCTCAAACCAAAAATGACCTGGAGGCACCATG	CFC1
7050053	NM_001079530.1	Homo sapiens cripto, FRL-1, cryptic family 1B (CFC1B), mRNA.		CCCCAGCCAGGTCTCATAGAGGGAATTGTTCTTCAGGCTCGGAGGGGCCT	CFC1B
2350730	NM_000735.2	Homo sapiens glycoprotein hormones, alpha polypeptide (CGA), mRNA.	GO:0005576|GO:0005625|GO:0007165|GO:0007267|GO:0005179	ACAGGGTCACAGTAATGGGGGGTTTCAAAGTGGAGAACCACACGGCGTGC	CGA
6860446	NM_000737.2	Homo sapiens chorionic gonadotropin, beta polypeptide (CGB), mRNA.	GO:0005576|GO:0005625|GO:0006915|GO:0007165|GO:0007267|GO:0007292|GO:0005179	ATAAAGCCAGGTACACGAGGCAGGGGACGCACCAAGGATGGAGATGTTCC	CGB
6840609	NM_033377.1	Homo sapiens chorionic gonadotropin, beta polypeptide 1 (CGB1), mRNA.	GO:0005576|GO:0005179	CGTCTCCCGGGGCCCTAGGACACCCCGATCCTCCCACAATAAAGGCTTCT	CGB1
5270022	NM_033043.1	Homo sapiens chorionic gonadotropin, beta polypeptide 5 (CGB5), mRNA.		CGCCGTGGCTCTCAGCTGTCAATGTGCACTCTGCCGCCGCAGCACCACTG	CGB5
2650484	NM_033142.1	Homo sapiens chorionic gonadotropin, beta polypeptide 7 (CGB7), mRNA.		CTGCTGAGCATGGGCGGGACATGGGCATCCAGGGAGATGCTTCGGCCACG	CGB7
5550372	NM_033183.2	Homo sapiens chorionic gonadotropin, beta polypeptide 8 (CGB8), mRNA.		TCCAGCACCTTTCTCGGGTCACGGCCTCCTCCTGGCTCCCAGGACCCCAC	CGB8
1580487	NM_017780.2	Homo sapiens chromodomain helicase DNA binding protein 7 (CHD7), mRNA.	GO:0000785|GO:0005634|GO:0001568|GO:0001701|GO:0003007|GO:0006333|GO:0006350|GO:0006355|GO:0007512|GO:0007605|GO:0007626|GO:0007628|GO:0008015|GO:0016568|GO:0030540|GO:0035116|GO:0040018|GO:0042472|GO:0043010|GO:0043584|GO:0060021|GO:0000166|GO:0003677|GO:0003682|GO:0004386|GO:0005524|GO:0016787	GGGAGGGTTCTTGCCAGACAGAACTACAGTTCCATTGTCTCGTGGTCTTG	CHD7

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6420356	NM_001819.1	Homo sapiens chromogranin B (secretogranin 1) (CHGB), mRNA.	GO:0005576|GO:0005179|GO:0005515	TCAGCCAAAGGGGCTGACTGTCATTGGAGCGGTGGGCACTGTTAAGAAGC	CHGB
5290711	NM_004143.2	Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1 (CITED1), mRNA.	GO:0005634|GO:0001570|GO:0001892|GO:0006357|GO:0030318|GO:0043473|GO:0045449|GO:0003700	GCTCCCACTAGTTCCTCGGGATCTCCAATAGGCTCTCCTACAACCACCCC	CITED1
780528	NM_001827.1	Homo sapiens CDC28 protein kinase regulatory subunit 2 (CKS2), mRNA.	GO:0000079|GO:0007049|GO:0007051|GO:0007127|GO:0008283|GO:0048015|GO:0051301|GO:0016538	CCAACAGAGTCTAGGCTGGGTTCATTACATGATTCATGAGCCAGAACCAC	CKS2
5670722	NM_001285.3	Homo sapiens chloride channel accessory 1 (CLCA1), mRNA.	GO:0005576|GO:0005886|GO:0005887|GO:0016469|GO:0030141|GO:0006811|GO:0006816|GO:0015986|GO:0005254|GO:0005509|GO:0031404|GO:0046933|GO:0046961	ATTATGTGGAAGTGGATAGGAGAACTGCAGCTGTCAATAGCCTAGGGCTG	CLCA1
3780291	NM_014343.1	Homo sapiens claudin 15 (CLDN15), mRNA.	GO:0005923|GO:0016020|GO:0016021|GO:0005886|GO:0005923|GO:0016021|GO:0030054|GO:0016338|GO:0005198|GO:0005198|GO:0042802	AGAACTGCTCTTGGGAAGTCGCATATCTCCCCTCTGAGGCTGGATCCCTC	CLDN15
2650673	NM_001002026.2	Homo sapiens claudin 18 (CLDN18), transcript variant 2, mRNA.	GO:0005886|GO:0005923|GO:0016021|GO:0030054|GO:0016338|GO:0005198|GO:0042802	AGCTGTTTTCAACTACCAGGGGCTGTGGCGCTCCTGTGTCCGAGAGAGCT	CLDN18
7160376	NM_005752.2	Homo sapiens C-type lectin domain family 3, member A (CLEC3A), mRNA.	GO:0001501|GO:0005488|GO:0005529|GO:0005488|GO:0005529	CTCCTGGTGGGACTTGTATCTTGTCTGCCATATCAGAACACAAACCCCTG	CLEC3A
6370414	NM_172004.2	Homo sapiens C-type lectin-like 1 (CLECL1), mRNA.	GO:0005886|GO:0016021|GO:0005488|GO:0005529	CGCTGACATCAAAACTGTTCGGACTTCCCCGTTAGAACTCGCGTTTCCAC	CLECL1
670398	NM_182553.1	Homo sapiens cornichon homolog 2 (Drosophila) (CNIH2), mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0006810|GO:0007242|GO:0008150|GO:0003674	AGGCTCTTTCTCCAGCCCTGTCTCCATCTGCCCCAACCTCAGCCCACCTT	CNIH2
10187	NM_006586.3	Homo sapiens canopy 3 homolog (zebrafish) (CNPY3), mRNA.	GO:0005576|GO:0005102	TTGAGGAAACCGGCAAGACCAAGGAGGTGATTGGCACGGGCTATGGCATC	CNPY3
6100139	NM_024877.1	Homo sapiens cyclin N-terminal domain containing 2 (CNTD2), mRNA.		CGACGCTTCTTCTCAGCCTCCAGTCTCCAGTTCCAAGGATGGGTCATCTC	CNTD2

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3390372	NM_001843.2	Homo sapiens contactin 1 (CNTN1), transcript variant 1, mRNA.	GO:0005624|GO:0005886|GO:0031225|GO:0007155|GO:0007219|GO:0005515	CCCTGGGATGACCACAATTCCTTCCAATTTCTGCGGCTCCATCCTAAGCC	CNTN1
1450392	NM_080681.2	Homo sapiens collagen, type XI, alpha 2 (COL11A2), transcript variant 2, mRNA.	GO:0005581|GO:0005581|GO:0005576|GO:0005581|GO:0005592|GO:0005592|GO:0007155|GO:0007155|GO:0007155|GO:0007155|GO:0007155|GO:0007155|GO:0007155|GO:0001501|GO:0007155|GO:0007605|GO:0030199|GO:0005198|GO:0005201|GO:0005198|GO:0005198|GO:0005201|GO:0005198|GO:0005198|GO:0005198|GO:0030020|GO:0030020	ACTGCCTGCTACTTGAGGGCCAGGATGCTCCCCCAGGGAAGAAACGGAAT	COL11A2
4010136	NM_001844.3	Homo sapiens collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital) (COL2A1), transcript variant 1, mRNA.	GO:0005581|GO:0005576|GO:0005581|GO:0001501|GO:0007605|GO:0005201|GO:0005201	GACCTGATGTCCATTCATCCCACCCTCTCACAGTTCGGACTTTTCTCCCC	COL2A1
5390113	NM_007074.2	Homo sapiens coronin, actin binding protein, 1A (CORO1A), mRNA.	GO:0001891|GO:0005634|GO:0005737|GO:0005856|GO:0005886|GO:0005886|GO:0030027|GO:0030864|GO:0031410|GO:0031941|GO:0045335|GO:0001845|GO:0006928|GO:0030036|GO:0031589|GO:0045087|GO:0050918|GO:0051126|GO:0008022|GO:0042803|GO:0043548|GO:0051015|GO:0051015	GATGCTGGGCCCCTCCTCATCTCCCTCAAGGATGGCTACGTACCCCCAAA	CORO1A
580754	NM_130902.2	Homo sapiens cytochrome c oxidase subunit VIIb2 (COX7B2), mRNA.	GO:0005739|GO:0005746|GO:0016020|GO:0016021|GO:0004129	CCAGTAGCTGAAGGCAACTGCAATCCTTCATGATGTTTCCCTTGGCCAGA	COX7B2
2260445	NM_000756.1	Homo sapiens corticotropin releasing hormone (CRH), mRNA.	GO:0005576|GO:0005625|GO:0006704|GO:0006954|GO:0007165|GO:0007268|GO:0007565|GO:0007567|GO:0007611|GO:0030324|GO:0030325|GO:0005184	GAGGGAGAGAGGGAGAGCCTATACCCCTTACTTAGCATGCACAAAGTG	CRH
1170047	NM_001311.3	Homo sapiens cysteine-rich protein 1 (intestinal) (CRIP1), mRNA.	GO:0005737|GO:0008283|GO:0008270|GO:0046872	GCCGAGAGCCACACTTTCAAGTAAACCAGGTGGTGGAGACCCCATCCTTG	CRIP1
5860048	NM_016507.1	Homo sapiens Cdc2-related kinase, arginine/serine-rich (CRKRS), mRNA.	GO:0005634|GO:0016607|GO:0046777|GO:0000166|GO:0003702|GO:0004693|GO:0005524|GO:0016740	CGCCCTTCTCCCTGCACATAAAGCAGGTTGTAGAACGTGGCATTCTTGGG	CRKRS

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360296	NM_001014809.1	Homo sapiens collapsin response mediator protein 1 (CRMP1), transcript variant 1, mRNA.	GO:0005737|GO:0006139|GO:0007399|GO:0004157|GO:0005515|GO:0005515|GO:0005515|GO:0016810	CTCACCGTGCTGTCTTCTGGTCTGTGTGTGTTCTTCAAGCCAGCTCTAGG	CRMP1
540685	NM_000567.2	Homo sapiens C-reactive protein, pentraxin-related (CRP), mRNA.	GO:0005576|GO:0006953|GO:0006954|GO:0008228|GO:0005509|GO:0005515|GO:0033265|GO:0051637	CTGGAAGTGGAGGAGCCAAGGGATTGACAAACAACAGAGCCTTGACCACG	CRP
4280440	NM_005209.1	Homo sapiens crystallin, beta A2 (CRYBA2), transcript variant 1, mRNA.	GO:0005575|GO:0008150|GO:0005212|GO:0042803	AGGCTACCAGTATGTGTTGGAGCGGGACCGGCACAGCGGAGAGTTCTGTA	CRYBA2
3830202	NM_153479.1	Homo sapiens chondrosarcoma associated gene 1 (CSAG1), transcript variant b, mRNA.		AGGAGACCACCGCCTTCTCCAGTGCTTCCTTGGGCAGCCAGTAATTCCCA	CSAG1
4010095	NM_203311.1	Homo sapiens CSAG family, member 3A (CSAG3A), mRNA.		GCCACGAATAAGGCCATCACCAGAAGCCAACCCCGCCAGTCCTTGATCTA	CSAG3A
6900377	NM_001080848.1	Homo sapiens CSAG family, member 3B (CSAG3B), mRNA.		AAAAATGCACTGTGAGTTTCATGCCTGCTGGCCTGCCTTCACTGTCCTGG	CSAG3B
7650739	NM_052900.2	Homo sapiens CUB and Sushi multiple domains 3 (CSMD3), transcript variant c, mRNA.	GO:0016020|GO:0016021	AGAGTGCCTAAGAGAAACCCTTGCACCTGGGAGCGCTGCTTGGCTCTATC	CSMD3
3870608	NM_024790.5	Homo sapiens centrosome and spindle pole associated protein 1 (CSPP1), transcript variant 2, mRNA.	GO:0005813|GO:0005874	CCGGACTCCCCTTTGTTACATGCACATTTTCCATTGTTACCTCGATGCAA	CSPP1
6370541	NM_001898.2	Homo sapiens cystatin SN (CST1), mRNA.	GO:0005576|GO:0004869	ATCCAGGTGTCAAGAATCCTAGGGATCTGTGCCAGGCCATTCGCACCAGC	CST1
5860674	NM_001017417.1	Homo sapiens cancer/testis antigen family 45, member A1 (CT45A1), mRNA.		GGAGATGACCTAGAATGCAGAGAAACAGCCTCCTCTCCCAAAAGCCAACG	CT45A1
5820551	NM_001017436.1	Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), mRNA.		AATGGAGCAGGATATTGCTGAAGTCTCCTGGCATATGTTACCGAATCAAA	CT45A4
7510128	NM_001017436.1	Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), mRNA.		TGCTGAAGTCTCCTGGCATATGTTACCGAATCAAATAGCCTTCCAGAGGC	CT45A4

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1230603	NM_001017436.1	Homo sapiens cancer/testis antigen family 45, member A4 (CT45A4), mRNA.		TGAGAATACTTGTCCCTGGAGGATTATCACACCCCAAATGCATAATCTCG	CT45A4
2710504	NM_172241.2	Homo sapiens cutaneous T-cell lymphoma-associated antigen 1 (CTAGE1), transcript variant 1, mRNA.	GO:0005575|GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0008150|GO:0008150	GGTATTGTCATCTCTTTGTGTCTACTTTGCCACCTTTCCCCAGAATAGGC	CTAGE1
5220196	NM_006565.2	Homo sapiens CCCTC-binding factor (zinc finger protein) (CTCF), mRNA.	GO:0005622|GO:0005634|GO:0000122|GO:0006350|GO:0045786|GO:0045893|GO:0003700|GO:0003700|GO:0003702|GO:0003714|GO:0005515|GO:0005515|GO:0008270|GO:0046872	ATGTAGCAGAATGGCACCCAGACCACTGCCCACCAGTGACGGACATGCAC	CTCF
620041	NM_080618.2	Homo sapiens CCCTC-binding factor (zinc finger protein)-like (CTCFL), mRNA.	GO:0005622|GO:0003676|GO:0008270	GCCAGTTGACAAGATTTTTCCACCCTCGAGCAGCGTGAGAGATGCCTCTT	CTCFL
6580626	NM_018015.4	Homo sapiens chromosome X open reading frame 57 (CXorf57), mRNA.		TGGCCACTCTGCATTTGCAAGGCCCGGTGGTTGACATCTGTGTGGTTTGT	CXorf57
2100711	NM_000770.3	Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 8 (CYP2C8), mRNA.	GO:0005783|GO:0005789|GO:0005792|GO:0016020|GO:0055114|GO:0004497|GO:0005506|GO:0009055|GO:0020037|GO:0046872|GO:0050381	GGGATTGTTTCTCTGCCACCCTCATACCAGATCTGCTTCATCCCTGTCTG	CYP2C8
2260274	NM_021187.2	Homo sapiens cytochrome P450, family 4, subfamily F, polypeptide 11 (CYP4F11), mRNA.	GO:0005575|GO:0005783|GO:0005789|GO:0005792|GO:0016020|GO:0016021|GO:0006954|GO:0055114|GO:0055114|GO:0004497|GO:0005506|GO:0009055|GO:0020037|GO:0046872|GO:0050381	CTTCTGTAGCTGATCTCCTTCCCTTGCTACACTCGGTTACTCTGGCCTTG	CYP4F11
4850746	NM_053283.2	Homo sapiens dermcidin (DCD), mRNA.	GO:0005576|GO:0006805|GO:0042742|GO:0050832|GO:0005515|GO:0005515|GO:0005515|GO:0030145	CCAGGGTTAGCCAGACAGGCACCAAAGCCAAGGAAGCAGAGATCCAGCCT	DCD
7380678	NM_000790.2	Homo sapiens dopa decarboxylase (aromatic L-amino acid decarboxylase) (DDC), mRNA.	GO:0006519|GO:0019752|GO:0006519|GO:0019752|GO:0006519|GO:0019752|GO:0042423|GO:0016829|GO:0016831|GO:0030170|GO:0016829|GO:0016831|GO:0030170|GO:0004058|GO:0005515|GO:0016829|GO:0030170	GACGTGCTGCGAGCAGAGAGGGAGTAGGAGTGAAGCCAGCTGCAGGAATC	DDC

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4890750	NM_030653.3	Homo sapiens DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (CHL1-like helicase homolog, S. cerevisiae) (DDX11), transcript variant 1, mRNA.	GO:0005634|GO:0005730|GO:0000070|GO:0000084|GO:0000086|GO:0006139|GO:0007049|GO:0008284|GO:0000166|GO:0003677|GO:0003723|GO:0004003|GO:0005524|GO:0016787|GO:0016818	GGGCCGTTAGGCTCTCAACATGACTATAGAGACCCCGTGTCATCACGGAG	DDX11
5960672	NM_020936.1	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 55 (DDX55), mRNA.	GO:0000166|GO:0003723|GO:0005524|GO:0008026|GO:0016787	TCCTCAGTATCTTCAGGCATTTGACCTCCTGAATGTGCTTGGCCCTGGGC	DDX55
870477	NM_001042500.1	Homo sapiens defensin, alpha 1B (DEFA1B), mRNA.		CCCTGCAGGCCCAGGCTGAGCCACTCCAGGCAAGAGCTGATGAGGTTGCT	DEFA1B
2230341	NM_021010.1	Homo sapiens defensin, alpha 5, Paneth cell-specific (DEFA5), mRNA.	GO:0005576|GO:0006805|GO:0042742|GO:0050832	TTGTGCTACCCGTGAGTCCCTCTCCGGGGTGTGTGAAATCAGTGGCCGCC	DEFA5
1770497	NM_001926.2	Homo sapiens defensin, alpha 6, Paneth cell-specific (DEFA6), mRNA.	GO:0005576|GO:0006805|GO:0042742|GO:0050832	AGAGCTTTGGGCTCAACAAGGGCTTTCACTTGCCATTGCAGAAGGTCCTG	DEFA6
5550553	NM_144683.3	Homo sapiens dehydrogenase/reductase (SDR family) member 13 (DHRS13), mRNA.	GO:0005576|GO:0055114|GO:0005488|GO:0016491	GGGCGGATGCAGGGCTGGGGTCATCTGTATCTGAAGCCCCTCGGAATAAA	DHRS13
4890671	NM_182908.3	Homo sapiens dehydrogenase/reductase (SDR family) member 2 (DHRS2), transcript variant 1, mRNA.	GO:0005634|GO:0005635|GO:0005737|GO:0005737|GO:0055114|GO:0008207|GO:0008285|GO:0009636|GO:0043011|GO:0055114|GO:0005488|GO:0016491|GO:0004090|GO:0005488|GO:0016491	CATGCTAGGCTTGAGGAAGAAGAAAAACGCTTCGGCATTCTCCTTAGGAC	DHRS2
20192	NM_021931.2	Homo sapiens DEAH (Asp-Glu-Ala-His) box polypeptide 35 (DHX35), mRNA.	GO:0005681|GO:0006397|GO:0008380|GO:0000166|GO:0003676|GO:0005524|GO:0008026|GO:0016787|GO:0003676|GO:0005524|GO:0008026|GO:0000166|GO:0003676|GO:0005524|GO:0008026|GO:0016787	CTCAGGAGAGTTCATCAGCTCAGATCCCACAGGGCCTCCTCTTTAGCAGG	DHX35
5900017	NM_030932.3	Homo sapiens diaphanous homolog 3 (Drosophila) (DIAPH3), transcript variant 2, mRNA.	GO:0016043|GO:0030036|GO:0016043|GO:0030036|GO:0003779|GO:0017048|GO:0003676|GO:0003779|GO:0004522|GO:0017048	GATGAGACAGGAGTGATGGATAATCTGCTGGAGGCCTTGCAGTCCGGGGC	DIAPH3
7040100	NM_014420.2	Homo sapiens dickkopf homolog 4 (Xenopus laevis) (DKK4), mRNA.	GO:0005576|GO:0007275|GO:0030178|GO:0003674	GACACTGCTCAAGCTCCAGAAATCTTCCAGCGTTGCGACTGTGGCCCTGG	DKK4

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6220209	NM_017579.1	Homo sapiens deleted in malignant brain tumors 1 (DMBT1), transcript variant 3, mRNA.	GO:0005576|GO:0005737|GO:0016020|GO:0030670|GO:0005576|GO:0005578|GO:0005622|GO:0016020|GO:0016020|GO:0016020|GO:0005576|GO:0016020|GO:0030855|GO:0030855|GO:0043152|GO:0045087|GO:0045786|GO:0001824|GO:0001833|GO:0030858|GO:0005044|GO:0005044|GO:0008329|GO:0048306|GO:0005044|GO:0005044|GO:0005044|GO:0005044	GAGAGTTCTGACCTGGATGGCCCATAGACCTGACGTCCCAGAATCCATGC	DMBT1
5570703	NM_021951.2	Homo sapiens doublesex and mab-3 related transcription factor 1 (DMRT1), mRNA.	GO:0005634|GO:0005634|GO:0006350|GO:0006355|GO:0007275|GO:0007530|GO:0007548|GO:0008584|GO:0030154|GO:0006355|GO:0007548|GO:0003700|GO:0008270|GO:0046872|GO:0003700	AAAGTGACCTTAGTGATGCAGAGTTCCTGAGTGGTGTTTGTAGAATGAGT	DMRT1
1190091	NM_006557.4	Homo sapiens doublesex and mab-3 related transcription factor 2 (DMRT2), transcript variant 1, mRNA.	GO:0005634|GO:0005575|GO:0005634|GO:0006350|GO:0006355|GO:0007530|GO:0007548|GO:0008584|GO:0006355|GO:0007548|GO:0008150|GO:0003700|GO:0008270|GO:0046872|GO:0003674|GO:0003700	CTTAAGAGGCCTTCATCTGCCATCACTCGTGTCTCTCAGTGAAAGGCTGC	DMRT2
2370768	NM_021240.2	Homo sapiens doublesex and mab-3 related transcription factor 3 (DMRT3), mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0007275|GO:0007530|GO:0007548|GO:0030154|GO:0003700|GO:0008270|GO:0046872	CCAGGTGACATTTTCTGTGCGTTTTGACCCTGAGGCATCTGAGGAGAGGC	DMRT3
6420736	NM_201262.1	Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 12 (DNAJC12), transcript variant 2, mRNA.	GO:0006457|GO:0031072|GO:0051082	CTGGCGAAGGAGCCAGATGTCGATGCCATTCCAGCAGTGGGAAGCTTTGA	DNAJC12
2450411	NM_021800.2	Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 12 (DNAJC12), transcript variant 1, mRNA.	GO:0006457|GO:0031072|GO:0051082	GGAAGAGCAAGACTGTCCCCTATGCTGCCAACATGCAGTCTTTGTTTATG	DNAJC12
5720465	NM_021800.2	Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 12 (DNAJC12), transcript variant 1, mRNA.	GO:0006457|GO:0031072|GO:0051082	GTTGGCACCTTCGTTTCCGCTGGTCCAAGGATGCTCCCTCAGAACTCCTG	DNAJC12
450736	NM_199286.2	Homo sapiens developmental pluripotency associated 3 (DPPA3), mRNA.	GO:0005634|GO:0005737	CTCTATCGGAAGCTTTACTCCGTCGAGAGTCTGTAGGAGCAGCAGTCCTC	DPPA3
7550086	NM_001025290.1	Homo sapiens developmental pluripotency associated 5 (DPPA5), mRNA.	GO:0005737|GO:0007275|GO:0003723	GCCGAAGCCATGAATGCCCTCGAACTAGGCCCTTGGATGAAGTGAACCAG	DPPA5

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940746	NM_015722.2	Homo sapiens dopamine receptor D1 interacting protein (DRD1IP), mRNA.		CCCCCGTGGGTCTCTGACTCTGTCGCTTTTCTCTAAGTAAAGATTTCACG	DRD1IP
4280132	NM_203428.1	Homo sapiens Down syndrome critical region gene 8 (DSCR8), transcript variant 2, mRNA.	GO:0005575|GO:0008150|GO:0003674	TCCCACTTGGCAGGGGCCGTCTTGTCCACTCGTTTCTGTAAACATGGGTG	DSCR8
4280504	NM_203429.1	Homo sapiens Down syndrome critical region gene 8 (DSCR8), transcript variant 3, mRNA.	GO:0005575|GO:0008150|GO:0003674	GAAGGCTGGCTCATACATTTTCCCAGACAGGAATTTGGCTGCCAACAGGG	DSCR8
6330553	NM_003583.2	Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2), transcript variant 1, mRNA.	GO:0005634|GO:0005737|GO:0006468|GO:0006915|GO:0042771|GO:0045725|GO:0000166|GO:0000287|GO:0004674|GO:0004713|GO:0005524|GO:0016740|GO:0030145	GCTCACGTCCCCTGATGCTGGTAACCTGAAAGATACGACATTGCTGAGCC	DYRK2
2100743	NM_003583.2	Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2), transcript variant 1, mRNA.	GO:0005634|GO:0005737|GO:0006468|GO:0006915|GO:0042771|GO:0045725|GO:0000166|GO:0000287|GO:0004674|GO:0004713|GO:0005524|GO:0016740|GO:0030145	AGTACTTAAAAGCGTGGTCCCCAGTGAGGCCAAGAAAGTTTCCGGTTAAG	DYRK2
6560523	NM_003583.3	Homo sapiens dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2), transcript variant 1, mRNA.	GO:0005634|GO:0005737|GO:0006468|GO:0006915|GO:0042771|GO:0045725|GO:0000166|GO:0000287|GO:0004674|GO:0004713|GO:0005524|GO:0016740|GO:0030145	GAGTGAGTTCACACTTTTCAGGTGCCACTGTAAGGTTCTCTCAGCCTGGG	DYRK2
5340338	NM_004091.2	Homo sapiens E2F transcription factor 2 (E2F2), mRNA.	GO:0005634|GO:0005654|GO:0005667|GO:0006355|GO:0006367|GO:0006915|GO:0051726|GO:0003700|GO:0003702|GO:0005515	CCGGCCTGGTTTCGCCTGGTCGTGTCTTTATGAGCACCATGTAAGCCTCC	E2F2
6650196	NM_001951.3	Homo sapiens E2F transcription factor 5, p130-binding (E2F5), transcript variant 1, mRNA.	GO:0005634|GO:0005654|GO:0005667|GO:0005737|GO:0006350|GO:0006355|GO:0009887|GO:0003700|GO:0005515	CTTCTGACGTGTTTCCTCTCTTAAGGCTTTCTCCTACCCCGGCAGATGAC	E2F5
6350204	NM_001017361.1	Homo sapiens ES cell associated transcript 1 (ECAT1), mRNA.		GGAGCCAGAGCCAGTCAGGGGTTAAAGTGAAAGCCCGTATTTCCGCCCAG	ECAT1
1170605	NM_004720.4	Homo sapiens endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 (EDG4), mRNA.		AGCAGCAGAGACTGAGGGGTGCAGAGTGTGAGCTGGGAAAGGTTTGTGGC	EDG4

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670333	NM_207033.1	Homo sapiens endothelin 3 (EDN3), transcript variant 3, mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0005625|GO:0019229|GO:0019229|GO:0001755|GO:0003100|GO:0007166|GO:0007267|GO:0007275|GO:0007605|GO:0008284|GO:0010460|GO:0019229|GO:0030072|GO:0030182|GO:0030318|GO:0043406|GO:0045840|GO:0046887|GO:0048016|GO:0005179|GO:0005179|GO:0031708	GAGGGCCACGAGGCGTCGGCTTTAGACACAGATCATAGCTCTACAGGAGT	EDN3
1410240	NM_207032.1	Homo sapiens endothelin 3 (EDN3), transcript variant 2, mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0005625|GO:0019229|GO:0019229|GO:0001755|GO:0003100|GO:0007166|GO:0007267|GO:0007275|GO:0007605|GO:0008284|GO:0010460|GO:0019229|GO:0030072|GO:0030182|GO:0030318|GO:0043406|GO:0045840|GO:0046887|GO:0048016|GO:0005179|GO:0005179|GO:0031708	GGGTGTCCAGGGCCCCGTAGAGAGACATTTAAGATGGTGTATGACAGAGC	EDN3
6370356	NM_001958.2	Homo sapiens eukaryotic translation elongation factor 1 alpha 2 (EEF1A2), mRNA.	GO:0005634|GO:0005737|GO:0005853|GO:0006414|GO:0006916|GO:0000166|GO:0003746|GO:0003924|GO:0005515|GO:0005525	AGCGCTCGCCACGCTCAGTGCCCGTTTTACCAATAAACTGAGCGACCCCA	EEF1A2
2510356	NM_001974.3	Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 1 (EMR1), mRNA.	GO:0005886|GO:0005887|GO:0009897|GO:0007155|GO:0007165|GO:0007218|GO:0004872|GO:0004930|GO:0005509	TCTCAGCTTAACATGGAAATGAGGATCCCACCAGCCCCAGAACCCTCTGG	EMR1
5270468	NM_032571.3	Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 3 (EMR3), mRNA.	GO:0005576|GO:0005886|GO:0016021|GO:0016020|GO:0016021|GO:0007165|GO:0007218|GO:0007218|GO:0004872|GO:0004930|GO:0005509|GO:0004930|GO:0005509	GGTCCTGACTCAAAACCCAGTGAGGGGGATGTTTTTCCAGGACAAGTGAA	EMR3
1030209	NM_032571.2	Homo sapiens egf-like module containing, mucin-like, hormone receptor-like 3 (EMR3), transcript variant 1, mRNA.	GO:0005576|GO:0005886|GO:0016021|GO:0016020|GO:0016021|GO:0007165|GO:0007218|GO:0007218|GO:0004872|GO:0004930|GO:0005509|GO:0004930|GO:0005509	TACTTCCCAAGCTGTTTGTTCTCCACAATAGGCTCTCAACAAATGTGTGG	EMR3
4200437	NM_207043.1	Homo sapiens endosulfine alpha (ENSA), transcript variant 2, mRNA.	GO:0005737|GO:0006810|GO:0007584|GO:0005102|GO:0008200	GCCTGAGAGAGCTGAAGAGGCAAAGCTAAAGGCCAAATACCCAAGCCTAG	ENSA
830543	NM_004950.3	Homo sapiens epiphycan (EPYC), mRNA.	GO:0005576|GO:0005578|GO:0007565|GO:0005515|GO:0005539	CCACATCCCTCTGCCACTCCCAGAAAATCTACGAGCCCTTCACCTCCAGA	EPYC

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
5690112	NM_019891.2	Homo sapiens ERO1-like beta (S. cerevisiae) (ERO1LB), mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0005789|GO:0006467|GO:0006810|GO:0022900|GO:0006467|GO:0009055|GO:0016491|GO:0016671|GO:0050660|GO:0051082|GO:0005515|GO:0009055|GO:0016671|GO:0050660	GAATACAATCTATGCAATCCTCGAACTCAGTGTGCTTTTCCCTGACAGGA	ERO1LB
3360095	NM_000125.2	Homo sapiens estrogen receptor 1 (ESR1), mRNA.	GO:0005634|GO:0005634|GO:0005730|GO:0005737|GO:0005886|GO:0016585|GO:0005634|GO:0005737|GO:0005634|GO:0005730|GO:0005737|GO:0005886|GO:0006355|GO:0006355|GO:0007165|GO:0007165|GO:0030520|GO:0048386|GO:0006355|GO:0006350|GO:0006355|GO:0003700|GO:0004872|GO:0008270|GO:0043565|GO:0003700|GO:0005496|GO:0008270|GO:0030235|GO:0030284|GO:0043565|GO:0046872|GO:0047485|GO:0003677|GO:0003707|GO:0004872|GO:0005496|GO:0003700|GO:0003707|GO:0005496	GCTGTGCACCCTAGAAACAACATATTGTCCCATGAGCAGGTGCCTGAGAC	ESR1
7040678	NM_001446.3	Homo sapiens fatty acid binding protein 7, brain (FABP7), mRNA.	GO:0005737|GO:0006810|GO:0007399|GO:0008285|GO:0005215|GO:0008289	AAAGAGGGGAAAGGGCAAGGATGGTGGAGGCTTTCTGTGCTACCTGGAAG	FABP7
4200541	NM_138371.1	Homo sapiens family with sequence similarity 113, member B (FAM113B), mRNA.		ACTTCCTGGGAGTGACCCAGCGTTATTCCTGCCTCCTCACTCCTATTCTC	FAM113B
2370646	NM_173698.1	Homo sapiens family with sequence similarity 133, member A (FAM133A), mRNA.		CCAAATGGCATACTTACAAGACGGATGCAACCTGGGTCCTTAGGTCGCTG	FAM133A
5130100	NM_173509.2	Homo sapiens family with sequence similarity 163, member A (FAM163A), mRNA.	GO:0016020|GO:0016021	TCCGAAAAAGATCTGCCGGCCCAGAGCACTCCCTCTTGCCCTAATCCTGG	FAM163A
1660243	NM_182562.2	Homo sapiens family with sequence similarity 169, member B (FAM169B), mRNA.		GGAGAGTGAAGTCTACAGCCTAGAGGGTGCCCTGTGTGTGGTGTCAGATG	FAM169B
6220307	NM_001013629.1	Homo sapiens family with sequence similarity 23, member B (FAM23B), mRNA.	GO:0016020|GO:0016021	GCTGTTTGCCTAATAAATAATTGCCTTGTGCTGTGTACCTTGGAGCAGGG	FAM23B

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3460446	NM_199051.1	Homo sapiens family with sequence similarity 5, member C (FAM5C), mRNA.	GO:0005576	CAGAGACCGTGTAAATAAACTCTCCCCACCTGGTCAGCGTCGTCTAGATC	FAM5C
2940403	NM_001135811.1	Homo sapiens family with sequence similarity 60, member A (FAM60A), transcript variant 1, mRNA.		TTGAGTTGGCTCTCCCACAGTCTTTGAGGTGAATTACAAAAGTCCAGCCA	FAM60A
1580215	NM_024555.3	Homo sapiens F-box and leucine-rich repeat protein 6 (FBXL6), transcript variant 2, mRNA.	GO:0006508|GO:0006511|GO:0004842|GO:0005515	TCTCTTAACCTCAGGGGCACCCGGGTCACACCAAGCACTGTCAGCTCTGT	FBXL6
130463	XM_001131379.1	PREDICTED: Homo sapiens Fc fragment of IgG binding protein (FCGBP), mRNA.	GO:0005576|GO:0005737|GO:0005886|GO:0007155|GO:0007339	TGACCATGCTGGGAAACTGTGTGGGGCCTGTGGAAACTTTGACGGGGACC	FCGBP
4120703	NM_015122.1	Homo sapiens FCH domain only 1 (FCHO1), mRNA.		GGTTACCGCATGTCGCTGGTGAAGAGGAGGTTTGCCACAGGGATGTACCT	FCHO1
6980367	NM_173452.1	Homo sapiens ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen) (FCN3), transcript variant 2, mRNA.	GO:0005576|GO:0005615|GO:0007165|GO:0007165|GO:0005102|GO:0005529|GO:0005102	ACCAGCTGGCACTGGGCAAGTTCTCAGAGGGCACTGCAGGGGATTCCCTG	FCN3
3180156	NM_031282.1	Homo sapiens Fc receptor-like 4 (FCRL4), mRNA.	GO:0005886|GO:0016021|GO:0006955|GO:0004872	GGTCTCCTGATGGAAGTGTACAATACCACCTACAAATTATCCATGCCCCA	FCRL4
3780193	NM_032738.3	Homo sapiens Fc receptor-like A (FCRLA), mRNA.	GO:0005576|GO:0005737|GO:0030154|GO:0004872	AAGGCCCCAGAGAGCTAACTCACCCTTCCACCATATGAGGACGTGGCAAG	FCRLA
5130255	NM_021871.2	Homo sapiens fibrinogen alpha chain (FGA), transcript variant alpha, mRNA.	GO:0005577|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005886|GO:0031093|GO:0005577|GO:0005577|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674	GGCCGGAAGTGAAGCCGATCATGAAGGAACACATAGCACCAAGAGAGGCC	FGA

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2850703	NM_021871.2	Homo sapiens fibrinogen alpha chain (FGA), transcript variant alpha, mRNA.	GO:0005577|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005886|GO:0031093|GO:0005577|GO:0005577|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674	TCCTTGGGGGCAGGGCCTTTGTCTGTCTCATCTCTGTATTCCCAAATGCC	FGA
7400072	NM_000508.3	Homo sapiens fibrinogen alpha chain (FGA), transcript variant alpha-E, mRNA.	GO:0005577|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005886|GO:0031093|GO:0005577|GO:0005577|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674|GO:0005102|GO:0030674	GAGTTTGTCAGTGAGACTGAGTCTAGGGGCTCAGAATCTGGCATCTTCAC	FGA
7210240	NM_005141.2	Homo sapiens fibrinogen beta chain (FGB), mRNA.	GO:0005577|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005625|GO:0005634|GO:0005730|GO:0005737|GO:0005886|GO:0005886|GO:0031093|GO:0007165|GO:0030168|GO:0051258|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0030674|GO:0005102|GO:0030674	GATGTCATGCAGCCAATCCAAACGGCAGATACTACTGGGGTGGACAGTAC	FGB
5270619	NM_033086.2	Homo sapiens FYVE, RhoGEF and PH domain containing 3 (FGD3), transcript variant 2, mRNA.	GO:0001726|GO:0005622|GO:0005737|GO:0005794|GO:0005856|GO:0030027|GO:0007010|GO:0008360|GO:0030036|GO:0035023|GO:0043088|GO:0046847|GO:0005085|GO:0005089|GO:0005515|GO:0008270|GO:0031267|GO:0046872	CTGAGTGGCAGGCGCATGAGATTTGTGGCTGTTCCTGATGCTAGTGGCAC	FGD3

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
2030451	NM_005247.2	Homo sapiens fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog) (FGF3), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0001759|GO:0007165|GO:0007267|GO:0008283|GO:0008543|GO:0009653|GO:0048538|GO:0005515|GO:0008083	TTGAGCCCTTGCCCCTGCGTCCCGCGTCTGGGTTCTCAGCTATTTCCAGA	FGF3
10504	NM_031950.2	Homo sapiens fibroblast growth factor binding protein 2 (FGFBP2), mRNA.	GO:0005576|GO:0019838	GCGCCTTTCTCATCAGCTTCTTCCGAGGGTGACAGGTGAAAGACCCCTAC	FGFBP2
2230008	NM_000509.4	Homo sapiens fibrinogen gamma chain (FGG), transcript variant gamma-A, mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005886|GO:0031093|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0005509|GO:0030674	GCTGAACAGGATGGATCTGGTTGGTGGATGAACAAGTGTCACGCTGGCCA	FGG
3180025	NM_021870.2	Homo sapiens fibrinogen gamma chain (FGG), transcript variant gamma-B, mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005576|GO:0005577|GO:0005886|GO:0031093|GO:0007165|GO:0030168|GO:0051258|GO:0005102|GO:0005509|GO:0030674	CAGACCAGAGCACCCTGCGGAAACAGAATATGACTCACTTTACCCTGAGG	FGG
2480228	NM_201553.1	Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 4, mRNA.	GO:0005576|GO:0005577|GO:0007165|GO:0005102	GTCACTCTGCAAACCTGAATGGTGTATACTACAGCGGCCCCTACACGGCT	FGL1
6110022	NM_004467.3	Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 1, mRNA.	GO:0005576|GO:0005577|GO:0007165|GO:0005102	TTCCCTTGCGGGGAATTTTCATCCTGAGGTGCAGTGGTGGGCTAGTCACC	FGL1
4290014	NM_201398.1	Homo sapiens FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae) (FLAD1), transcript variant 2, mRNA.	GO:0005829|GO:0006777|GO:0008152|GO:0008152|GO:0006777|GO:0003919|GO:0003919|GO:0016740|GO:0016740|GO:0003919	CTGAGCCCAGGAGGACACCCCACATACCGTCCAGCCTATCTACTGGAGAA	FLAD1
7550368	NM_001080403.1	Homo sapiens hypothetical protein FLJ22184 (FLJ22184), mRNA.		TTGCCCACCCCGCACAGCCTGAGTTTGCAATAAAACTGGGACACTGGGAC	FLJ22184
7000575	XM_939163.2	PREDICTED: Homo sapiens hypothetical protein LOC401236 (FLJ23152), mRNA.		ATCCTTCCTGTTTACTCCTGCCTTGTGGCGGGGTCCATCCTCTGCTGCTC	FLJ23152
5700095	NM_144967.2	Homo sapiens hypothetical protein FLJ30058 (FLJ30058), mRNA.		GTACAGTTTTGCTCAGGTCACGCCAACAGGGAAACCTCAAGTGTAGGTCT	FLJ30058
2570500	XM_001126807.1	PREDICTED: Homo sapiens hypothetical gene supported by AK094963 (FLJ37644), mRNA.		CCATCCATTTCTTGGAGAAGTGCCACGGTGGGGTTGCAAGTCCCAGGATC	FLJ37644

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1660341	XR_015133.1	PREDICTED: Homo sapiens misc_RNA (FLJ39632), miscRNA.		GGAGCAGCCACTGCAAATGCTGCGCTGACCCCAAATGCTGTGTCCTTTAA	FLJ39632
1400433	XR_015133.1	PREDICTED: Homo sapiens misc_RNA (FLJ39632), miscRNA.		AAGTGCACCCTTCCTCTGGCTGGTGTCTCCCTTCTGCCAAGCTATGCCTC	FLJ39632
4610592	NM_153675.1	Homo sapiens forkhead box A2 (FOXA2), transcript variant 2, mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0007596|GO:0010551|GO:0003700|GO:0043565	AGCCTCCGGTTTCCACTACTGTGTAGACTCCTGCTTCTTCAAGCACCTGC	FOXA2
3170204	NM_001454.2	Homo sapiens forkhead box J1 (FOXJ1), mRNA.	GO:0005634|GO:0002508|GO:0002635|GO:0002897|GO:0002924|GO:0006350|GO:0006355|GO:0006959|GO:0007283|GO:0007389|GO:0010553|GO:0030036|GO:0032088|GO:0032862|GO:0033085|GO:0035089|GO:0042384|GO:0045409|GO:0050869|GO:0050900|GO:0003700|GO:0043565	GTAGCTGAGGCTTAACTGGGAGGGATGCCGAGCTTGCTGGAACTACTGGG	FOXJ1
6860154	NM_001680.3	Homo sapiens FXYD domain containing ion transport regulator 2 (FXYD2), transcript variant a, mRNA.	GO:0005890|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006814|GO:0005215|GO:0005216|GO:0005391|GO:0030955|GO:0031402	TGGAGGCAGCCCATTCACCTGGGGAAATGACTGGGTTGTCGATGGACGGT	FXYD2
1260468	NM_004861.1	Homo sapiens galactose-3-O-sulfotransferase 1 (GAL3ST1), mRNA.	GO:0000139|GO:0005624|GO:0005794|GO:0005887|GO:0016020|GO:0006487|GO:0006682|GO:0007283|GO:0009058|GO:0042552|GO:0001733|GO:0008146|GO:0016740	CTGTGGGTCACCAAGCTCTGGAAGTTCATTCGCGATTTCCTGCGGTGGTG	GAL3ST1
4780278	NM_000583.2	Homo sapiens group-specific component (vitamin D binding protein) (GC), mRNA.	GO:0005615|GO:0005576|GO:0005615|GO:0005737|GO:0005813|GO:0006810|GO:0042359|GO:0042359|GO:0051180|GO:0005499|GO:0051183|GO:0003779|GO:0005499|GO:0005515|GO:0051183	ACTTTGACCAGAGTTGGAGCCACCCAGGGGAATGATCTCTGATGACCTAA	GC

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240053	NM_001024071.1	Homo sapiens GTP cyclohydrolase 1 (GCH1), transcript variant 4, mRNA.	GO:0005634|GO:0005737|GO:0005829|GO:0005829|GO:0031410|GO:0043234|GO:0006184|GO:0006559|GO:0006729|GO:0006729|GO:0006809|GO:0008217|GO:0008217|GO:0032496|GO:0032496|GO:0032496|GO:0034341|GO:0034341|GO:0034341|GO:0034341|GO:0034612|GO:0042416|GO:0048265|GO:0050884|GO:0051000|GO:0051000|GO:0051000|GO:0051260|GO:0003934|GO:0003934|GO:0003934|GO:0003934|GO:0003934|GO:0005515|GO:0005515|GO:0005525|GO:0005525|GO:0008270|GO:0008270|GO:0016787|GO:0042803|GO:0046872	CCCATCTCTGCCACTTTGATGCTATTTGGGTTATGATGGGGCAAGATGGC	GCH1
4610520	NM_004751.1	Homo sapiens glucosaminyl (N-acetyl) transferase 3, mucin type (GCNT3), mRNA.	GO:0000139|GO:0005624|GO:0005794|GO:0016020|GO:0016021|GO:0005975|GO:0006493|GO:0003829|GO:0008109|GO:0016757	TCAGTTGAATGCCTGCTGGTAGCTTTTCCATTCTGTGGAGCTGCCGTTCC	GCNT3
3190167	NM_002055.2	Homo sapiens glial fibrillary acidic protein (GFAP), mRNA.	GO:0005737|GO:0005882|GO:0005200	TCAGGGCTGACACGTCCACCCCAGTGCACCCACTCTGCTTTGACTGAGCA	GFAP
5340730	NM_000823.2	Homo sapiens growth hormone releasing hormone receptor (GHRHR), transcript variant 1, mRNA.	GO:0016020|GO:0016021|GO:0016021|GO:0005886|GO:0005886|GO:0016021|GO:0007186|GO:0008150|GO:0001501|GO:0007165|GO:0007186|GO:0007189|GO:0007190|GO:0007595|GO:0008284|GO:0008340|GO:0021984|GO:0030104|GO:0030879|GO:0033143|GO:0040018|GO:0042445|GO:0043567|GO:0048469|GO:0051246|GO:0060124|GO:0060133|GO:0004872|GO:0004930|GO:0016520|GO:0004872|GO:0016520|GO:0004872|GO:0004930|GO:0004999|GO:0005515|GO:0016520	GGAGTCCACACTTGAATTTGGGCAGCTACCACGGGTCTGCCATGCTCTGG	GHRHR

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940692	NM_001009824.1	Homo sapiens growth hormone releasing hormone receptor (GHRHR), transcript variant 2, mRNA.	GO:0016020|GO:0016021|GO:0016021|GO:0005886|GO:0005886|GO:0016021|GO:0007186|GO:0008150|GO:0001501|GO:0007165|GO:0007186|GO:0007189|GO:0007190|GO:0007595|GO:0008284|GO:0008340|GO:0021984|GO:0030104|GO:0030879|GO:0033143|GO:0040018|GO:0042445|GO:0043567|GO:0048469|GO:0051246|GO:0060124|GO:0060133|GO:0004872|GO:0004930|GO:0016520|GO:0004872|GO:0016520|GO:0004872|GO:0004930|GO:0004999|GO:0005515|GO:0016520	CAATATTATCCGCATCCTGGTGAGGAAACTGGAGCCAGCTCAGGGCAGCC	GHRHR
7320193	NM_016362.2	Homo sapiens ghrelin/obestatin preprohormone (GHRL), mRNA.	GO:0005576|GO:0005615|GO:0005615|GO:0030424|GO:0005576|GO:0005576|GO:0000187|GO:0001937|GO:0006006|GO:0007186|GO:0007204|GO:0008154|GO:0008343|GO:0009755|GO:0016358|GO:0016525|GO:0030252|GO:0032024|GO:0032100|GO:0032691|GO:0040018|GO:0042127|GO:0042127|GO:0042536|GO:0043066|GO:0043400|GO:0043627|GO:0045409|GO:0046697|GO:0050728|GO:0051216|GO:0051965|GO:0016608|GO:0030296|GO:0031768|GO:0016608|GO:0016608	AAGAGGCCAAAGAGGCCCCAGCCGACAAGTGATCGCCCACAAGCCTTACT	GHRL
6330477	NM_019617.3	Homo sapiens gastrokine 1 (GKN1), mRNA.	GO:0005576|GO:0030141|GO:0007586|GO:0008284|GO:0003674|GO:0008083	GTGTCGTGGGATTCCAACATACATGGCTGAGGAGATGCAAGAGGCAAGCC	GKN1
2340553	NM_000825.3	Homo sapiens gonadotropin-releasing hormone 1 (luteinizing-releasing hormone) (GNRH1), transcript variant 1, mRNA.	GO:0005576|GO:0005625|GO:0007165|GO:0007267|GO:0007275|GO:0008285|GO:0005183	AATGCACCACGCACCAGCCACGTTCTCCCCTCCGAGACCTGAAAGGAGCT	GNRH1
1660184	NM_022049.2	Homo sapiens G protein-coupled receptor 88 (GPR88), mRNA.	GO:0005575|GO:0005886|GO:0016021|GO:0007165|GO:0007186|GO:0004872	CCAGCTTGCTTTGTTGCACGCCTGGGCAATTTCAGCCAGGACATTAGGAC	GPR88
450368	NM_005310.2	Homo sapiens growth factor receptor-bound protein 7 (GRB7), transcript variant 1, mRNA.	GO:0007165|GO:0007173|GO:0005070|GO:0005515	TTGCCTCCCTCAGATAGAAAACAGCCCCCACTCCAGTCCACTCCTGACCC	GRB7

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3830044	NM_024719.1	Homo sapiens growth hormone regulated TBC protein 1 (GRTP1), mRNA.	GO:0005622|GO:0032313|GO:0005096|GO:0005097	GCAGCATGGCAAACGTGGGCGGTATTTCAGCAGCTGGGCCTTCATCAAAG	GRTP1
6290554	NM_144594.1	Homo sapiens gametocyte specific factor 1 (GTSF1), mRNA.		GGGGCACAACTCACTACTCTGACAACAACAGCCCTGCGAGCAACATAGTT	GTSF1
3830332	NM_007102.1	Homo sapiens guanylate cyclase activator 2B (uroguanylin) (GUCA2B), mRNA.	GO:0005576|GO:0006182|GO:0007588|GO:0007589|GO:0045776|GO:0008047|GO:0008048	CCCTGAGGACCATCGCTAACGACGACTGTGAGCTGTGTGTGAACGTTGCG	GUCA2B
1050414	NM_021175.2	Homo sapiens hepcidin antimicrobial peptide (HAMP), mRNA.	GO:0005576|GO:0006805|GO:0006879|GO:0006955|GO:0042742|GO:0050832|GO:0005179	AAGGAGGCGAGACACCCACTTCCCCATCTGCATTTTCTGCTGCGGCTGCT	HAMP
780600	NM_006674.2	Homo sapiens HLA complex P5 (HCP5), mRNA.		CCAAAGCCTCTAGTGTACCTTCCTCCTCTTACTCATCCATCCCAGTCAAC	HCP5
7050333	NM_152722.4	Homo sapiens hepatocyte cell adhesion molecule (HEPACAM), mRNA.	GO:0005737|GO:0016020|GO:0016021|GO:0001558|GO:0007049|GO:0007050|GO:0007155|GO:0005515	GGAGTACCTGCTGGTCAGCCTTGAGATGCACAGGTGAAGGTTAGGGTGAG	HEPACAM
4290465	NM_198151.1	Homo sapiens HEPACAM family member 2 (HEPACAM2), transcript variant 2, mRNA.		AGCACATCCCTGCCCAGCAGCAAGACCATCCAGAGTGAACTTTCATGGGC	HEPACAM2
5720482	NM_016323.2	Homo sapiens hect domain and RLD 5 (HERC5), mRNA.	GO:0005622|GO:0005737|GO:0005622|GO:0000079|GO:0006464|GO:0006511|GO:0006464|GO:0006511|GO:0016874|GO:0016881|GO:0016874|GO:0016881	GGCCGGTTAGAACCCGTGACTGTATTCTCTCCCTTGGATACCCCTATGCC	HERC5
5260070	NM_021170.2	Homo sapiens hairy and enhancer of split 4 (Drosophila) (HES4), mRNA.	GO:0005634|GO:0006355|GO:0007275|GO:0007399|GO:0030154|GO:0003677|GO:0030528	CCCCGTTCTAGGGCCGTGGCCTTTGCCGAGACTGTAGCAGAGAAAACGTA	HES4
610201	NM_018645.3	Homo sapiens hairy and enhancer of split 6 (Drosophila) (HES6), mRNA.	GO:0005634|GO:0005667|GO:0006357|GO:0007275|GO:0007399|GO:0030154|GO:0003700|GO:0003712	GCTGCACTGCCCAGAGCTGTGATGCTCTGTACATCTTGTTTGTAGCACAC	HES6
5570279	NM_005319.3	Homo sapiens histone cluster 1, H1c (HIST1H1C), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0016584|GO:0003677|GO:0005515	GTGGCTAAGAGCCCAAAGAAGGCCAAGGTTGCGAAGCCCAAGAAAGCTGC	HIST1H1C
290730	NM_138720.1	Homo sapiens histone cluster 1, H2bd (HIST1H2BD), transcript variant 2, mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0003677	TGTGGATCCCACCCAAATCCAACTCATCCTGGTTTGCTGCACACTGGTTC	HIST1H2BD

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6200669	NM_138720.1	Homo sapiens histone cluster 1, H2bd (HIST1H2BD), transcript variant 2, mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0003677	CTATTAACGCTACGATGCCTGAACCTACCAAGTCTGCTCCTGCCCCAAAG	HIST1H2BD
6290685	NM_021058.3	Homo sapiens histone cluster 1, H2bj (HIST1H2BJ), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0042742|GO:0003677	TTTATAGCTACACAGTGCTATGCCAGAGCCAGCGAAGTCTGCTCCCGCCC	HIST1H2BJ
6110630	NM_080593.1	Homo sapiens histone cluster 1, H2bk (HIST1H2BK), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0042742|GO:0003677	CCCACTGGGGGGTTGGGGTAATATTCTGTGGTCCTCAGCCCTGTACCTTA	HIST1H2BK
5050402	NM_080593.1	Homo sapiens histone cluster 1, H2bk (HIST1H2BK), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0042742|GO:0003677	CAGCGAAGTCCGCTCCCGCGCCCAAGAAGGGCTCGAAGAAAGCCGTGACT	HIST1H2BK
2970019	NM_003543.3	Homo sapiens histone cluster 1, H4h (HIST1H4H), mRNA.		CGCACTCTTTACGGCTTCGGTGGCTAAGGCTCCTGCTTGCTGCACTCTTA	HIST1H4H
610451	NM_003516.2	Homo sapiens histone cluster 2, H2aa3 (HIST2H2AA3), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0003677	CGACTTTCCCGATCGCCAGGCAGGAGTTTCTCTCGGTGACTACTATCGCT	HIST2H2AA3
6100022	NM_003517.2	Homo sapiens histone cluster 2, H2ac (HIST2H2AC), mRNA.	GO:0000786|GO:0005634|GO:0005694|GO:0006334|GO:0003677	CGCCCAGGGCGGCGTTTTGCCTAACATCCAGGCCGTTCTGTTACCAAAGA	HIST2H2AC
870301	NM_025130.2	Homo sapiens hexokinase domain containing 1 (HKDC1), mRNA.	GO:0006096|GO:0000166|GO:0004396|GO:0005524|GO:0016301|GO:0016740	TGAAGTATCCAGCCCCAGGGTGCAGAGAGGTTGATTGCCAGGGAGCACTG	HKDC1
5260091	NM_003483.4	Homo sapiens high mobility group AT-hook 2 (HMGA2), transcript variant 1, mRNA.	GO:0000785|GO:0005634|GO:0000785|GO:0005634|GO:0000228|GO:0000785|GO:0005634|GO:0000785|GO:0005634|GO:0000228|GO:0000785|GO:0005634|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0001558|GO:0006325|GO:0006350|GO:0006355|GO:0007049|GO:0007067|GO:0007275|GO:0051301|GO:0003677|GO:0003677|GO:0003677|GO:0005515|GO:0003677|GO:0003677|GO:0003680|GO:0005515	CCCAGGGGAAGACCCAAAGGCAGCAAAAACAAGAGTCCCTCTAAAGCAGC	HMGA2
3460608	NM_032132.3	Homo sapiens HORMA domain containing 1 (HORMAD1), mRNA.	GO:0005634|GO:0007067|GO:0007067	TGTTCTGCAGGCTTGCAGAGTTCTTCTCACCATTTAAACTGAAGGACCCT	HORMAD1

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6590131	NM_005143.2	Homo sapiens haptoglobin (HP), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0006508|GO:0006508|GO:0006879|GO:0006952|GO:0006508|GO:0003824|GO:0004252|GO:0030492|GO:0003824|GO:0004252|GO:0030492|GO:0003824|GO:0004252|GO:0030492	GGCATTATGAAGGCAGCACAGTCCCCGAAAAGAAGACACCGAAGAGCCCT	HP
2140196	NM_000613.1	Homo sapiens hemopexin (HPX), mRNA.	GO:0005576|GO:0005615|GO:0006810|GO:0006826|GO:0006879|GO:0015886|GO:0044419|GO:0003824|GO:0005488|GO:0005506|GO:0015232|GO:0046872	TATCCTGGACTCTGTGGATGCGGCCTTTATCTGCCCTGGGTCTTCTCGGC	HPX
990091	NM_000412.2	Homo sapiens histidine-rich glycoprotein (HRG), mRNA.	GO:0005576|GO:0005576|GO:0031093|GO:0004869|GO:0008201	TCCTGAGGCCAATTTTCCCAGCTTCCCATTGCCGCACCACAAACATCCTC	HRG
2260747	NM_003806.1	Homo sapiens harakiri, BCL2 interacting protein (contains only BH3 domain) (HRK), mRNA.	GO:0006917|GO:0008634|GO:0042981|GO:0005515|GO:0005515|GO:0005515	AGCCCAGAGCTTGAAAGGCCGCGGTTGGCACTTCGAGAAGGAAGTGGAGA	HRK
3170403	NR_004855.2	Homo sapiens highly up-regulated in liver cancer (non-protein coding) (HULC), non-coding RNA.		ACGTGAGGATACAGCAAGGCCCCAATCTGCAAGCCAGGAAGAGTCGTCAC	HULC
5570711	NM_002164.4	Homo sapiens indoleamine 2,3-dioxygenase 1 (IDO1), mRNA.		CGCCTGTGTGAAAGCTCTGGTCTCCCTGAGGAGCTACCATCTGCAAATCG	IDO1
4920131	NM_004884.3	Homo sapiens immunoglobulin superfamily, DCC subclass, member 3 (IGDCC3), mRNA.		CTGGGCTGACGCCCCCTTGCCTCTGCCTGGTACCCACATGACTTGGAACT	IGDCC3
3290368	NM_001013029.1	Homo sapiens insulin-like growth factor binding protein 1 (IGFBP1), transcript variant 2, mRNA.	GO:0005576|GO:0005615|GO:0001558|GO:0007165|GO:0005520	ATGGATGGAGAGGCGGGACTCTGCTGGTGCGTCTACCCTTGGAATGGGAA	IGFBP1
4120161	NM_001555.2	Homo sapiens immunoglobulin superfamily, member 1 (IGSF1), transcript variant 1, mRNA.	GO:0005576|GO:0016020|GO:0016021|GO:0007165|GO:0045449|GO:0004872|GO:0005515|GO:0048186|GO:0048187	CCCTGCAAGTCAGCCCCATCTGCTGTTCCTTGGTCTCTAATCACCTGAGC	IGSF1
6200044	NM_205833.1	Homo sapiens immunoglobulin superfamily, member 1 (IGSF1), transcript variant 2, mRNA.	GO:0005576|GO:0016020|GO:0016021|GO:0007165|GO:0045449|GO:0004872|GO:0005515|GO:0048186|GO:0048187	CCAGCTAAATAGGCTTGGGGAAAGCTGTGGTGCTACAGAAAGTACCCTAG	IGSF1
5420386	NM_000640.2	Homo sapiens interleukin 13 receptor, alpha 2 (IL13RA2), mRNA.	GO:0005615|GO:0005625|GO:0016020|GO:0016021|GO:0004872|GO:0004907	GTAACCGGTCTGCTTTTGCGTAAGCCAAACACCTACCCAAAAATGATTCC	IL13RA2

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1230538	NM_032727.2	Homo sapiens internexin neuronal intermediate filament protein, alpha (INA), mRNA.	GO:0005883|GO:0007275|GO:0007399|GO:0030154|GO:0060052|GO:0005200	GGACAGTCAGCTCTTCATCTGCCCAACTGTGTAGCATCTGCATTGCCCAG	INA
380259	NM_002164.3	Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA.	GO:0005829|GO:0007565|GO:0019441|GO:0019674|GO:0055114|GO:0004833|GO:0004833|GO:0005506|GO:0009055|GO:0016491|GO:0020037|GO:0033754|GO:0046872	CTGATTCCTGCAAGCCAGCAGCCAAAGGAGAATAAGACCTCTGAAGACCC	INDO
2140376	XM_941026.2	PREDICTED: Homo sapiens inhibitor of growth family, member 5 (ING5), mRNA.	GO:0006473|GO:0008285|GO:0045926|GO:0005515|GO:0008270|GO:0046872	CCAGTGGTGAAGTGGGAAGAGGAGTGACATGGGTACTGGAGGAGCTGGCG	ING5
870626	NM_000207.2	Homo sapiens insulin (INS), mRNA.	GO:0005576|GO:0005576|GO:0005813|GO:0005576|GO:0005615|GO:0005813|GO:0002674|GO:0005975|GO:0006006|GO:0006521|GO:0006953|GO:0007186|GO:0007267|GO:0008219|GO:0014065|GO:0015758|GO:0015758|GO:0022898|GO:0032270|GO:0032583|GO:0032880|GO:0033861|GO:0042060|GO:0042177|GO:0042593|GO:0045429|GO:0045740|GO:0045818|GO:0045821|GO:0045821|GO:0045861|GO:0045908|GO:0045909|GO:0045922|GO:0046326|GO:0046628|GO:0046631|GO:0050709|GO:0050715|GO:0051000|GO:0055089|GO:0060266|GO:0060267|GO:0005179|GO:0005179|GO:0005158|GO:0005159|GO:0005179|GO:0005515|GO:0005520	ACCCGCCGCCTCCTGCACCGAGAGAGATGGAATAAAGCCCTTGAACCAGC	INS
4040474	NM_002196.2	Homo sapiens insulinoma-associated 1 (INSM1), mRNA.	GO:0005622|GO:0005634|GO:0006350|GO:0006355|GO:0030154|GO:0031018|GO:0003677|GO:0008270|GO:0046872	CTGCCCCCTCCCCACCCTGCCACTCTTGACATTCCACTGTGCGTTTTAGA	INSM1
7200719	NM_023015.3	Homo sapiens integrator complex subunit 3 (INTS3), mRNA.	GO:0005634|GO:0032039|GO:0016180|GO:0005515	GGGCATCTATGACGTGGTCAGGGTGTCCATTCCTAATCATGGGGCAGATG	INTS3
2100196	NM_005101.1	Homo sapiens ISG15 ubiquitin-like modifier (ISG15), mRNA.	GO:0005576|GO:0005615|GO:0005737|GO:0006464|GO:0006511|GO:0007267|GO:0009615|GO:0032020|GO:0044419|GO:0005515|GO:0031386	ACCTGAAGCAGCAAGTGAGCGGGCTGGAGGGTGTGCAGGACGACCTGTTC	ISG15

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2690224	NM_030980.1	Homo sapiens interferon stimulated exonuclease gene 20kDa-like 2 (ISG20L2), mRNA.	GO:0005622|GO:0005634|GO:0042254|GO:0003676|GO:0004527|GO:0016787	AACAGCATCCTCTTCCACGCTCAGAAGTGTTCTGGTTGGGGCCAGGCATG	ISG20L2
730722	NM_002216.2	Homo sapiens inter-alpha (globulin) inhibitor H2 (ITIH2), mRNA.	GO:0005576|GO:0030212|GO:0030212|GO:0004867|GO:0004867	AGGAAAGGACCCTGAGAAGCCAGAGGCCAGCATGGAAGTGAAGGGGCAGA	ITIH2
7610170	NM_017625.2	Homo sapiens intelectin 1 (galactofuranose binding) (ITLN1), mRNA.	GO:0005576|GO:0005886|GO:0031225|GO:0031526|GO:0045121|GO:0001934|GO:0007165|GO:0009624|GO:0046326|GO:0005102|GO:0005529	ACGCCTTGTGTGCTGGAATGAGGGTCACCGGATGTAACACTGAGCACCAC	ITLN1
6960563	NM_203395.1	Homo sapiens iodotyrosine deiodinase (IYD), mRNA.		GGGCATGAGTCCTTGACAATAGTAAATAGCACCTCTGTTCCCTTATTGGG	IYD
7320349	NM_002234.2	Homo sapiens potassium voltage-gated channel, shaker-related subfamily, member 5 (KCNA5), mRNA.	GO:0005794|GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0042391|GO:0043267|GO:0005244|GO:0005251|GO:0005515|GO:0019870|GO:0030955	GTTTCCTGTGTCTCCAAGCCTCTGTCTTTTCTGGGATGTGGTATTGGTGC	KCNA5
6960739	NM_004770.2	Homo sapiens potassium voltage-gated channel, Shab-related subfamily, member 2 (KCNB2), mRNA.	GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006940|GO:0005244|GO:0005251|GO:0005515|GO:0030955	GCCCCAGAAATTCATTCCAACCCAGGAGACACAGGTTATTGTCCCACACG	KCNB2
5390435	NM_172344.1	Homo sapiens potassium voltage-gated channel, subfamily G, member 3 (KCNG3), transcript variant 2, mRNA.	GO:0005783|GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005249|GO:0005515|GO:0030955	GCCCAGCAGGTTAATCTTCACACATCTCTGGGTTCTGAGAAAAGCCTGGA	KCNG3
4060192	NM_172056.1	Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 2 (KCNH2), transcript variant 2, mRNA.	GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0000160|GO:0006355|GO:0006811|GO:0006813|GO:0006936|GO:0007605|GO:0008015|GO:0008016|GO:0005216|GO:0005249|GO:0000155|GO:0005244|GO:0005251|GO:0030955	GCCTGGAAGCTCGGCATTTGGTTTCACTAAGGGCCATGTGGTTCCCTGCA	KCNH2
6220309	NM_012284.1	Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 3 (KCNH3), mRNA.		GACAAGGAAGAGCTTTGCCATCCCCTGCATGTGCCCCTGCCTCTACCTGT	KCNH3
5490711	NM_173092.1	Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 6 (KCNH6), transcript variant 2, mRNA.	GO:0016020|GO:0016021|GO:0006355|GO:0006811|GO:0006813|GO:0007165|GO:0005244|GO:0005249|GO:0030955	ACATCCCCTGGAAGTACAAGGACTCATCTGTGGTCCCTGCTTCTCCTCCC	KCNH6

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
4390291	NM_014592.2	Homo sapiens Kv channel interacting protein 1 (KCNIP1), transcript variant 2, mRNA.	GO:0005886|GO:0005513|GO:0006811|GO:0006813|GO:0007165|GO:0007268|GO:0005244|GO:0005267|GO:0005509|GO:0030955	GAGGTCTCTCCAGCTGTTTCAAAATGTCATGTAACTGGTGACACTCAGCC	KCNIP1
2000274	NM_001034838.1	Homo sapiens Kv channel interacting protein 1 (KCNIP1), transcript variant 3, mRNA.	GO:0005886|GO:0005513|GO:0006811|GO:0006813|GO:0007165|GO:0007268|GO:0005244|GO:0005267|GO:0005509|GO:0030955	TCGTGAAATTTGCCCAGACCATCTTTAAGCTCATCACTGGGACCCTCAGC	KCNIP1
6960259	NM_001034838.1	Homo sapiens Kv channel interacting protein 1 (KCNIP1), transcript variant 3, mRNA.	GO:0005886|GO:0005513|GO:0006811|GO:0006813|GO:0007165|GO:0007268|GO:0005244|GO:0005267|GO:0005509|GO:0030955	AGCCATTGCCCAGTGGTCCATATCTCCACCACATCCCCTGCTTGAGCCCA	KCNIP1
3370544	NM_018658.1	Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 16 (KCNJ16), transcript variant 1, mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0005242|GO:0005244|GO:0030955	AGGGGCATCAGTGTCCCGTGAAATACATTTTGTTGTGCTATGAGCCTCTG	KCNJ16
3130711	NM_002240.2	Homo sapiens potassium inwardly-rectifying channel, subfamily J, member 6 (KCNJ6), mRNA.	GO:0005794|GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0015467|GO:0030955	CCCATGTGGGTGTGGCAGTTACAGGGCCCAGGTGAGCTGAAGACAAACCA	KCNJ6
4810703	NM_002245.2	Homo sapiens potassium channel, subfamily K, member 1 (KCNK1), mRNA.	GO:0005768|GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0005216|GO:0005267|GO:0005515|GO:0005216|GO:0005267|GO:0005242|GO:0005244|GO:0005267|GO:0030955	GCTGTGACCCCAGCAGGATGTCTAATATGTGAGGAAATGAGATGTCCACC	KCNK1
6660671	NM_002245.2	Homo sapiens potassium channel, subfamily K, member 1 (KCNK1), mRNA.	GO:0005768|GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0005216|GO:0005267|GO:0005515|GO:0005216|GO:0005267|GO:0005242|GO:0005244|GO:0005267|GO:0030955	CGACCTTACATAGGAGGAGAATACTTGAAGCAGTATGCTGCTGTGGTTAG	KCNK1
1940193	NM_022055.1	Homo sapiens potassium channel, subfamily K, member 12 (KCNK12), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005267|GO:0030955	GCCGCCGGGCGTGGTTTGCTTCTCTCAGTCACTGCTGGCGCTTTCTTAAT	KCNK12

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
990112	NM_022054.2	Homo sapiens potassium channel, subfamily K, member 13 (KCNK13), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005267|GO:0030955	GGGGAGAATGTTTGGGGATGTGTCTGGGCTTTCTTTTTGCCAGGCTTCCT	KCNK13
4810424	NM_022358.2	Homo sapiens potassium channel, subfamily K, member 15 (KCNK15), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005267|GO:0030955	AGGGTCGAATCTGGAATGGGAGGGTCTGGCTTCAGCTATCAGGGCACCCT	KCNK15
580292	NM_032115.2	Homo sapiens potassium channel, subfamily K, member 16 (KCNK16), mRNA.	GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006813|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0005244|GO:0005267|GO:0005267|GO:0030955|GO:0005216|GO:0005267|GO:0005216|GO:0005267	AAGGACAGAGGTGTGGGAGACCCAAGGTGGTCTTGAGATTGACAGACAGC	KCNK16
2320296	NM_031460.3	Homo sapiens potassium channel, subfamily K, member 17 (KCNK17), transcript variant 1, mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005267|GO:0030955	ACATGTCCTGGGTGACATGGGATGTGACTTTCGGGTGTCGGGGCAGCATG	KCNK17
3990739	NM_003740.3	Homo sapiens potassium channel, subfamily K, member 5 (KCNK5), mRNA.	GO:0005887|GO:0016020|GO:0006811|GO:0006813|GO:0007588|GO:0005244|GO:0005267|GO:0030955	ACACTGAGGTGAGCAAAAGCAGGAAGGGGCATCCACTGCGGGTGACTGGA	KCNK5
2030259	NM_005832.3	Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta member 2 (KCNMB2), transcript variant 2, mRNA.	GO:0008076|GO:0016020|GO:0005513|GO:0006811|GO:0006813|GO:0019228|GO:0019229|GO:0005216|GO:0008200|GO:0015269|GO:0015459	AACTGAGAGAAAGAGCAACAAAGCGGCGAGTGGTGTGAGAGGGCAGCACG	KCNMB2
5490040	NM_005832.3	Homo sapiens potassium large conductance calcium-activated channel, subfamily M, beta member 2 (KCNMB2), transcript variant 2, mRNA.	GO:0008076|GO:0016020|GO:0005513|GO:0006811|GO:0006813|GO:0019228|GO:0019229|GO:0005216|GO:0008200|GO:0015269|GO:0015459	CACACCCCTTTTCCATTTAAGACCCTGCTACTGTGTGAAGAGATGATACT	KCNMB2
6400703	NM_171829.1	Homo sapiens potassium large conductance calcium-activated channel, subfamily M beta member 3 (KCNMB3), transcript variant 2, mRNA.	GO:0008076|GO:0016020|GO:0005513|GO:0006811|GO:0006813|GO:0006813|GO:0019228|GO:0005216|GO:0005515|GO:0015269|GO:0015459|GO:0015459	TGGCCTTCACTGACTCTGCTAGGTGGTGCCCTGATTGTTGGCATGGTGAG	KCNMB3
1570184	NM_002249.4	Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3 (KCNN3), transcript variant 1, mRNA.	GO:0016021|GO:0016021|GO:0006813|GO:0006813|GO:0005216|GO:0005516|GO:0015269|GO:0005216|GO:0005516|GO:0015269	TTAGGTGCCTCTACTTGGGAGCGGGAAGAGGAGATGACAGGAAGCGACGC	KCNN3

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3610730	NM_002250.2	Homo sapiens potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 (KCNN4), mRNA.	GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006952|GO:0046541|GO:0050714|GO:0005216|GO:0005249|GO:0005516|GO:0015269	TGGAGTGGGTTGGCTTGCTGATGGCTGCTGGAGGGGACGCTGGCTAAAGT	KCNN4
7380392	NR_002728.2	Homo sapiens KCNQ1 overlapping transcript 1 (non-protein coding) (KCNQ1OT1), non-coding RNA.		GGTATGTCTGGAGGGTGAAGAGAGGTTGGTTAGTGGGTAAAAATACACAG	KCNQ1OT1
5900273	NM_004518.2	Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 (KCNQ2), transcript variant 3, mRNA.	GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0007268|GO:0007399|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0006811|GO:0006811|GO:0006813|GO:0005244|GO:0005249|GO:0030955|GO:0005216|GO:0005249|GO:0005216|GO:0005249|GO:0005216|GO:0005249|GO:0005216|GO:0005216|GO:0005249	TACTCACACGGACAGGTTGATGCCAGAGCCGTAAGAATGCGCCAGTGCGG	KCNQ2
1510075	NM_172109.1	Homo sapiens potassium voltage-gated channel, KQT-like subfamily, member 2 (KCNQ2), transcript variant 5, mRNA.	GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0008076|GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0007268|GO:0007399|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0006811|GO:0006813|GO:0006811|GO:0006811|GO:0006813|GO:0005244|GO:0005249|GO:0030955|GO:0005216|GO:0005249|GO:0005216|GO:0005249|GO:0005216|GO:0005249|GO:0005216|GO:0005216|GO:0005249	ACCGCCGCCGGGCACCTGCCACCAAGCAACTGTTTCATTTTTTATTTTCC	KCNQ2
6860634	NM_199464.1	Homo sapiens potassium channel regulator (KCNRG), transcript variant 2, mRNA.	GO:0005634|GO:0005730|GO:0008076|GO:0016020|GO:0006813|GO:0005249|GO:0042802	TCATCTGCTGCCATGCCGTCTCTGGGCAACCAGGCCCCAACTGTGCTTAA	KCNRG

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6620259	NM_002251.3	Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1 (KCNS1), mRNA.	GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005251|GO:0005515|GO:0015459|GO:0030955	TGAGGCTGTTTGTGGTCCTGGCAGAAAAGCAACAACTCGCTCCCCTTCCC	KCNS1
540204	NM_002252.3	Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (KCNS3), mRNA.	GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005251|GO:0005515|GO:0015459|GO:0030955	CCAGTCTCTCTTCTGTAGGCATTGTGGTGAGCGATCCTGACTCCACAGAT	KCNS3
5080259	NM_002252.3	Homo sapiens potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3 (KCNS3), mRNA.	GO:0005886|GO:0008076|GO:0016021|GO:0006811|GO:0006813|GO:0005244|GO:0005251|GO:0005515|GO:0015459|GO:0030955	CTGACAAGTAGAATCAAAGGTGCAGCTGACTGAGACGACATGCATGTAAG	KCNS3
990086	NM_020822.1	Homo sapiens potassium channel, subfamily T, member 1 (KCNT1), mRNA.	GO:0005886|GO:0016021|GO:0006811|GO:0006813|GO:0008152|GO:0003824|GO:0005216|GO:0005488|GO:0005509|GO:0015269|GO:0030955	TGACATCAGGAGCGCCACCCTGCGTCCTTTGCTGCTGGTTCCTTACTGGT	KCNT1
3140259	NM_198503.2	Homo sapiens potassium channel, subfamily T, member 2 (KCNT2), mRNA.	GO:0005886|GO:0016021|GO:0006811|GO:0006813|GO:0008152|GO:0000166|GO:0003824|GO:0005216|GO:0005524|GO:0015269|GO:0030955	CCTTGTAGCCCAATGGGAATTGATTCTGTTTATTGTCTGTACCATTTTGC	KCNT2
2100189	NM_178863.2	Homo sapiens potassium channel tetramerisation domain containing 13 (KCTD13), mRNA.	GO:0005634|GO:0008076|GO:0016020|GO:0006260|GO:0006813|GO:0005249|GO:0042802	TCGTCCATGCCAAAGTGTGCGGCCCTTCCTGACATCACCACAGTCTGAGC	KCTD13
4250246	NM_016121.3	Homo sapiens potassium channel tetramerisation domain containing 3 (KCTD3), mRNA.	GO:0008076|GO:0016020|GO:0006813|GO:0005249|GO:0005515|GO:0005216	CCCAGAAGGGAAAGCTGTACCAGTTGCTAACCTGTCTTGTTTCAGGAGCC	KCTD3
1980079	NM_198353.1	Homo sapiens potassium channel tetramerisation domain containing 8 (KCTD8), mRNA.	GO:0008076|GO:0016020|GO:0006813|GO:0005249|GO:0005515	GGTCAGTGTGATTCTTGCTGCTCTTCCTTGTTGTGAACAGTGGATGTGGG	KCTD8
4850300	NM_025251.1	Homo sapiens KIAA1688 protein (KIAA1688), mRNA.	GO:0005622|GO:0005634|GO:0005856|GO:0007165|GO:0005515	CCCGACGCATGGACCCGAGAGGCGACGACACGAGTGAATAAAGTGCACAT	KIAA1688
6520440	NM_004321.4	Homo sapiens kinesin family member 1A (KIF1A), mRNA.	GO:0005634|GO:0005737|GO:0005794|GO:0005874|GO:0005875|GO:0007018|GO:0008089|GO:0000166|GO:0003777|GO:0005524	ACCCGAGTGTTAGCCCTAGGCTCCTGTACTGTGCGTGCACTTGAGGCTCT	KIF1A

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4210561	NM_145754.2	Homo sapiens kinesin family member C2 (KIFC2), mRNA.	GO:0005874|GO:0005875|GO:0005874|GO:0005875|GO:0007018|GO:0007018|GO:0000166|GO:0003777|GO:0005524|GO:0000166|GO:0003777|GO:0005524	GTGACGGCTGGTGACTGATGGATGGGTAGTGGGCTGAGAAGAGGGGACTA	KIFC2
510632	NM_001039548.1	Homo sapiens kelch-like 35 (Drosophila) (KLHL35), mRNA.		AGATGCACACTCTGCTCCCTCATGGCACCTCCACGCAAACAGCCCTTAAC	KLHL35
4050398	NM_019598.2	Homo sapiens kallikrein-related peptidase 12 (KLK12), transcript variant 1, mRNA.	GO:0005576|GO:0005625|GO:0006508|GO:0006508|GO:0006508|GO:0004252|GO:0008233|GO:0003824|GO:0004252|GO:0003824|GO:0004252	CCACTCTTGTTGGCCTGGGAACTTCTTGGAACTTTAACTCCTGCCAGCCC	KLK12
5960524	NM_005551.3	Homo sapiens kallikrein-related peptidase 2 (KLK2), transcript variant 1, mRNA.	GO:0006508|GO:0004252|GO:0008233	TCTGGCAAGATTTTGTGGCACTCCTGGTTACAGATACTGGGGCAGCAAAT	KLK2
460202	NM_001030050.1	Homo sapiens kallikrein-related peptidase 3 (KLK3), transcript variant 6, mRNA.	GO:0005576|GO:0005634|GO:0005730|GO:0005737|GO:0006508|GO:0016525|GO:0006508|GO:0006508|GO:0004252|GO:0008233|GO:0003824|GO:0004252|GO:0003824|GO:0004252	GTTCTGGTGCACCCCCAGTGGGTCCTCACAGCTGCCCACTGCATCAGGAA	KLK3
3780491	NM_001030047.1	Homo sapiens kallikrein-related peptidase 3 (KLK3), transcript variant 3, mRNA.	GO:0005576|GO:0005634|GO:0005730|GO:0005737|GO:0006508|GO:0016525|GO:0006508|GO:0006508|GO:0004252|GO:0008233|GO:0003824|GO:0004252|GO:0003824|GO:0004252	CTGTCCAGGTCTGAAAGATAGGATTGCCCAGGCAGAAACTGGGACTGACC	KLK3
5290707	NM_004917.3	Homo sapiens kallikrein-related peptidase 4 (KLK4), mRNA.	GO:0005576|GO:0006508|GO:0004252|GO:0008233|GO:0008270|GO:0046872	CGGTCCAATGCCACCTAGACTCTCCCTGTACACAGTGCCCCCTTGTGGCA	KLK4
1450619	NM_000893.2	Homo sapiens kininogen 1 (KNG1), transcript variant 2, mRNA.	GO:0005576|GO:0005634|GO:0005737|GO:0005813|GO:0006939|GO:0006954|GO:0007162|GO:0007204|GO:0030146|GO:0030147|GO:0030195|GO:0042311|GO:0043065|GO:0004869|GO:0004869|GO:0005102|GO:0008201|GO:0008270|GO:0004869	GCAGAATCTTCACTCCAGGCACATAGCCCCAACCACCTCTGCCAGCAACC	KNG1
3190524	NM_014708.3	Homo sapiens kinetochore associated 1 (KNTC1), mRNA.	GO:0000777|GO:0000922|GO:0005634|GO:0005737|GO:0005828|GO:0006355|GO:0006461|GO:0007049|GO:0007067|GO:0007093|GO:0007096|GO:0051301|GO:0003700|GO:0043565|GO:0046983	GCACTGCGGGAAACCTGTGCCTCCAGACACTGCTCCCTGTGAAATTCTGA	KNTC1

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3840445	NM_000422.1	Homo sapiens keratin 17 (KRT17), mRNA.	GO:0005634|GO:0005730|GO:0005737|GO:0005856|GO:0005882|GO:0008544|GO:0005200|GO:0005515	CCCCTGCTTCAGTCCCTTCCCCATGCTTCCTTGCCTGATGACAATAAAGC	KRT17
2060414	NM_002277.2	Homo sapiens keratin 31 (KRT31), mRNA.	GO:0005882|GO:0008544|GO:0005200|GO:0005515	CCAGGACTCCAGAGCTGTGACCTGGCTCTGGTTCAACAAAAGGGGCCTGA	KRT31
5860289	NM_000424.3	Homo sapiens keratin 5 (KRT5), mRNA.	GO:0045095|GO:0008544|GO:0005200|GO:0005515	ACCACATTCTTTGGTTCCCAGGAGAGCCCCATTCCCAGCCCCTGGTCTCC	KRT5
430446	NM_002281.2	Homo sapiens keratin 81 (KRT81), mRNA.	GO:0045095|GO:0005198|GO:0005515	CAGTGGGAAAGGCCACCCTAGAAAGAAGTCCGCTGGCACCCATAGGAAGG	KRT81
7040142	NM_001032998.1	Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 2, mRNA.	GO:0005737|GO:0005625|GO:0005737|GO:0005739|GO:0005829|GO:0005829|GO:0006569|GO:0009435|GO:0006569|GO:0008152|GO:0009435|GO:0019805|GO:0034341|GO:0034516|GO:0043420|GO:0016787|GO:0030170|GO:0030429|GO:0016787|GO:0030170|GO:0030429|GO:0030429|GO:0030429|GO:0030429|GO:0042803	GCAGGAGCAGGAGGAATTGCTGGTGCCTTCATTCATGAAAAGCATGCCCA	KYNU
3460685	NM_003937.2	Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 1, mRNA.	GO:0005737|GO:0005625|GO:0005737|GO:0005739|GO:0005829|GO:0005829|GO:0006569|GO:0009435|GO:0006569|GO:0008152|GO:0009435|GO:0019805|GO:0034341|GO:0034516|GO:0043420|GO:0016787|GO:0030170|GO:0030429|GO:0016787|GO:0030170|GO:0030429|GO:0030429|GO:0030429|GO:0030429|GO:0042803	AGAGGAGTGGTTTGTGACAAGCGGAATCCAAATGGCATTCGAGTGGCTCC	KYNU
5490358	NM_019079.2	Homo sapiens LINE-1 type transposase domain containing 1 (L1TD1), mRNA.		CTTCTACCCAGAAGGATGGACAGCTAATAGCGTACTTGGGGATGAGGAGC	L1TD1
4390100	NM_005562.1	Homo sapiens laminin, gamma 2 (LAMC2), transcript variant 1, mRNA.	GO:0005576|GO:0005604|GO:0007155|GO:0008544|GO:0005515|GO:0008201	ACACCAGTGGGAATTGCTGGAGGAACCAGAGGCACTTCCACCTTGGCTGG	LAMC2
3140427	NM_203347.1	Homo sapiens lipocalin 15 (LCN15), mRNA.		CTCCACCCCCCGCCTGTGGGATGCCTTGTGGGACGTCTCTTTCTATTCAA	LCN15

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4390398	NM_005564.3	Homo sapiens lipocalin 2 (LCN2), mRNA.	GO:0005576|GO:0006810|GO:0006810|GO:0005215|GO:0005488|GO:0005215|GO:0005488	CCACATCGTCTTCCCTGTCCCAATCGACCAGTGTATCGACGGCTGAGTGC	LCN2
520465	NM_002299.2	Homo sapiens lactase (LCT), mRNA.	GO:0005624|GO:0005886|GO:0005886|GO:0005887|GO:0016324|GO:0005975|GO:0008152|GO:0000016|GO:0000016|GO:0017042|GO:0043169	AGTAGCTCTTGCGGAAACGTGTAGATACTGGTCTAGTGGGTCTGTGAACC	LCT
1570148	NM_002302.2	Homo sapiens leukocyte cell-derived chemotaxin 2 (LECT2), mRNA.	GO:0005576|GO:0005615|GO:0005737|GO:0001501|GO:0006935	GAACTGGTTGCTTCGGGCTCTTTGATCTGTCACCTATGGAATCTGAGTGG	LECT2
5860528	NM_020997.2	Homo sapiens left-right determination factor 1 (LEFTY1), mRNA.	GO:0005576|GO:0005615|GO:0007179|GO:0007275|GO:0016049|GO:0005125|GO:0005160|GO:0008083	CAGGAGAGCTGGCGATGACTGAACTGCTGATGGACAAATGCTCTGTGCTC	LEFTY1
3180615	NM_001001552.3	Homo sapiens LEM domain containing 1 (LEMD1), mRNA.	GO:0005635|GO:0016020|GO:0016021	CGAGAGCTGGAGAGAAGAAGGTTTCCCAGTGGGCTTGAAGCTTGCTGTGC	LEMD1
6840209	NM_006149.2	Homo sapiens lectin, galactoside-binding, soluble, 4 (galectin 4) (LGALS4), mRNA.	GO:0005829|GO:0005886|GO:0007155|GO:0005529	CCTCAGGGGACATAGCTCTGCACATTAATCCCCGCATGGGCAACGGTACC	LGALS4
3710161	NM_000894.2	Homo sapiens luteinizing hormone beta polypeptide (LHB), mRNA.	GO:0005576|GO:0005576|GO:0005625|GO:0006701|GO:0007165|GO:0007267|GO:0007530|GO:0008584|GO:0005179|GO:0005179	GTGGACCCCGTGGTCTCCTTCCCTGTGGCTCTCAGCTGTCGCTGTGGACC	LHB
1470168	NM_000233.2	Homo sapiens luteinizing hormone/choriogonadotropin receptor (LHCGR), mRNA.	GO:0005768|GO:0005886|GO:0005887|GO:0007165|GO:0007187|GO:0008584|GO:0030539|GO:0004872|GO:0004964	CTCCTCGTGAGTAGGAACCCTGTCTCAGTGCATTTTGTTTTCCTGCTTCC	LHCGR
2900343	NM_001001933.1	Homo sapiens LIM homeobox 8 (LHX8), mRNA.	GO:0005634|GO:0006355|GO:0003677|GO:0003700|GO:0008270|GO:0043565|GO:0046872	GGCTTATTCTGCCTACGTGCCCCAAGATGGAACGATGTTAACTGCGCTGC	LHX8
6420450	NM_017806.1	Homo sapiens Lck interacting transmembrane adaptor 1 (LIME1), mRNA.	GO:0005886|GO:0016021|GO:0006955	GGGCTCCAGAGAAGGCCCGCGTCTAAATAAAGCGCCAGCGCAGGATGAAA	LIME1
4220482	NM_001004317.2	Homo sapiens lin-28 homolog B (C. elegans) (LIN28B), mRNA.	GO:0005634|GO:0005737|GO:0006355|GO:0003677|GO:0008270|GO:0046872	CTCGCATGCAGTCATCTGGAGGGACTGAAGCACTGTTTGCCTTTCTGTAC	LIN28B
5260672	NM_004190.1	Homo sapiens lipase, gastric (LIPF), mRNA.	GO:0005576|GO:0006641|GO:0016042|GO:0004806|GO:0008289|GO:0016787	TTATGACTGGGGAAGCCCAGTTCAGAATAGGATGCACTATGATCAGTCCC	LIPF

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
6980632	XM_936372.2	PREDICTED: Homo sapiens lemur tyrosine kinase 3 (LMTK3), mRNA.	GO:0016020|GO:0016021|GO:0006468|GO:0000166|GO:0004674|GO:0004713|GO:0005524|GO:0016740	CCCTGGAGGGGCCTCTGGTTCAAACCTTCGCGTGGCATTTTCACATTATT	LMTK3
6660687	XR_039418.1	PREDICTED: Homo sapiens misc_RNA (LOC100128585), miscRNA.		CTTCAGCCTCGTTAGACAGCCTGGTGATGGAGGATGAAGAAACCATGTGC	LOC100128585
2690438	XM_001720609.1	PREDICTED: Homo sapiens similar to FP17469 (LOC100129076), mRNA.		GGCCAGGTCAGGCCCTGTGGGACGGGAGAAATAGCAACCAATCCAACAGC	LOC100129076
5270551	XR_037397.1	PREDICTED: Homo sapiens misc_RNA (LOC100129267), miscRNA.		GAATCTGCAAATACTGCAGAAACCACTTCACCTCATCCCAGCCATGATGG	LOC100129267
240343	XM_001721157.1	PREDICTED: Homo sapiens hypothetical protein LOC100130623 (LOC100130623), mRNA.		TCTCAGCCACCAGGAGACAGACGGAAGGGGCTTCTGGATTGCGTTGGGAG	LOC100130623
1240408	XR_037336.1	PREDICTED: Homo sapiens misc_RNA (LOC100131139), miscRNA.		ACTTTAGGAGACGGAGGCGGGAGGGTCACTTGAGCCCAGGAATTGTGAGA	LOC100131139
4480528	XR_037336.1	PREDICTED: Homo sapiens misc_RNA (LOC100131139), miscRNA.		TGGCGTTATGTCCTTAATTTTAAAACTCTTGATGCTGGCTGGGTTCGGTG	LOC100131139
240386	XM_001719283.1	PREDICTED: Homo sapiens similar to Protein FAM27E3 (LOC100132439), mRNA.		CCTCACTAGACAGAGGAGCTCCAAACCTGCCCATCTCATCCCATGCACCG	LOC100132439
3780767	XM_001713808.1	PREDICTED: Homo sapiens hypothetical protein LOC100132564 (LOC100132564), mRNA.		GAGCAGCTCCCTCGCTGCGATCTATTGAAAGTCAGATCTCCACACAAGGG	LOC100132564
6620373	XR_038222.1	PREDICTED: Homo sapiens misc_RNA (LOC100133312), miscRNA.		TTCTGGACCTCAGTCCTTCACCTAGTCACCTAGTCACAGGGTGGATCGCC	LOC100133312
3930669	XM_001714734.1	PREDICTED: Homo sapiens similar to Mucin-6 precursor (Gastric mucin-6) (LOC100133432), mRNA.		CGTCACCCGGTCAGAGACTCCAAATAAACCGGTTCTTGTCAAGGCACAGA	LOC100133432
5490307	XM_001719794.1	PREDICTED: Homo sapiens hypothetical protein LOC100133542 (LOC100133542), partial mRNA.		ACTAACGAGGACGCCGTCCAGGGCATCGCTAACGAGGACGCCGTCCACAG	LOC100133542

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3060187	XM_001714921.1	PREDICTED: Homo sapiens hypothetical protein LOC100133923 (LOC100133923), mRNA.		AAAGGATGGACAAATACGTGGGACAGTGTCTCCTCAGAAACAATCGGCCC	LOC100133923
2490132	XM_001724554.1	PREDICTED: Homo sapiens similar to hCG1812074 (LOC100134331), mRNA.		GGAAGGGCCTGGAGTGGATTGGGTACATCTATTACAGTGGGAGCACCTAC	LOC100134331
4150685	XM_001721283.1	PREDICTED: Homo sapiens hypothetical protein LOC100134711 (LOC100134711), mRNA.		GGTGGCTAATCTTTGATTCTATGTTTTTGATCCTCCTGGCACTCCAGACC	LOC100134711
2260037	XR_017100.2	PREDICTED: Homo sapiens misc_RNA (LOC149501), miscRNA.		AGGAAGCTGGTGTCCGAGTCCTCCGACTCCTGCCCAAGTGAACAGCTGAG	LOC149501
1260064	NR_024158.1	Homo sapiens hypothetical LOC25845 (LOC25845), non-coding RNA.		TCCAGCTGTGGGTTGGCAGTGTCCAGACAGGGAGGGCCCATCACCGAAAT	LOC25845
1660220	NM_175901.3	Homo sapiens hypothetical protein LOC283932 (LOC283932), mRNA.		GTGGTACCGCCAAAATTCAAACCCCAGACTCCCGAACTCATGCTCAGAAC	LOC283932
6400484	XM_936973.2	PREDICTED: Homo sapiens hypothetical protein LOC338579, transcript variant 2 (LOC338579), mRNA.		TTGGTGGAAAAACCACCTGATGAGGCTGCACCCTTGGTGGAGGGAACAGC	LOC338579
4850189	NM_001013635.2	Homo sapiens similar to expressed sequence AI836003 (LOC387856), mRNA.		GGGCATGGAGCATGTGGCTGTCCTGAGGTTCTTTTACTGATGTGCCGCCC	LOC387856
4760196	NM_001013640.1	Homo sapiens similar to Complement C3 precursor (LOC388503), mRNA.		GGCCAGCAGATGGAGATGCCAGCAAGAAAGAATTGCGGGACCAACTGGAG	LOC388503
670670	NM_001013640.1	Homo sapiens similar to Complement C3 precursor (LOC388503), mRNA.		CTGCCAGTCCTGAGCCTCTTCTGCTTTCAGGGAGGTGTCATCAGGCAGCT	LOC388503
6370008	NR_024418.1	Homo sapiens hypothetical LOC389332 (LOC389332), non-coding RNA.		TAAGGACCCAGTTTCTTCTGTGAGCACGGGCAGTGGGAGGCCGGTGGAAA	LOC389332
4490594	NM_001013667.1	Homo sapiens hypothetical gene supported by AK093779 (LOC399900), mRNA.		ACGGAGATTAGCCGGGCGTGGTGGCATGCGCCTGTGGTCCTAGCTATTCT	LOC399900

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
2970152	XR_017543.1	PREDICTED: Homo sapiens similar to Keratin, type I cytoskeletal 14 (Cytokeratin-14) (CK-14) (Keratin-14) (K14) (LOC400578), mRNA.		GAGGAGATGCTTGCTC TGCGAGGTCAGACCG GTGGAGAAGTGAACG TGGA	LOC400578
1820288	XM_934985.1	PREDICTED: Homo sapiens hypothetical LOC400879, transcript variant 2 (LOC400879), mRNA.		GTAGGAGGCAGGTCT CCGCGGTTCATCTGTG TTGCTCTAAATGACAC TGC	LOC400879
3360327	XR_017898.1	PREDICTED: Homo sapiens misc_RNA (LOC401127), miscRNA.		GCAACACTCAAGCTCT GGGACTACAGCAAGG GGAAGTGCCTGAAGA CATA	LOC401127
4480762	XM_498560.3	PREDICTED: Homo sapiens hypothetical LOC440132 (LOC440132), mRNA.		GCATAGCGACTTGCCT TTCCGTCTTGTTCAGTC GTCACCAGTCAGCCGT C	LOC440132
4280093	NM_001013701.1	Homo sapiens hypothetical gene supported by AK096951; BC066547 (LOC440157), mRNA.		GAGGATCCCTTGAGCC CAGAGGTTCGAGACTA GCCTGGGCAACACAGT CA	LOC440157
3850367	XM_498571.2	PREDICTED: Homo sapiens hypothetical LOC440160 (LOC440160), mRNA.		TCCTGCAGCTGTGTTT GAACAGGTCATTTACC ATGCGGTCCTCCAGGT TC	LOC440160
110333	XM_942137.2	PREDICTED: Homo sapiens hypothetical LOC440585, transcript variant 3 (LOC440585), mRNA.		GGATGAGCCCATCTGT GGATCTAATGCCTTAA GTGTGCACAGCCCAGA GA	LOC440585
3610520	XM_001720051.1	PREDICTED: Homo sapiens weakly similar to serine/threonine protein kinase Kp78 (LOC442075), mRNA.		TCAGCTCTTCCAGGTG GTGAGGGAGTAAACC AGAGGAGGAGAGTTG CACC	LOC442075
2710121	XM_944534.1	PREDICTED: Homo sapiens hypothetical LOC442597 (LOC442597), mRNA.		TGCTTGGAATGTGGGA GCCGCTGATGATGCCT CTTGTCTGTGTGTCTG AC	LOC442597
5670372	NR_002454.2	Homo sapiens coronin, actin binding protein, 1A pseudogene (LOC606724), non-coding RNA.		GAGGAGATGCGGAAG CTCCAGGCCACGGTGC AGGAGCTCCAGAAGC GCTT	LOC606724
670066	XM_935867.1	PREDICTED: Homo sapiens hypothetical protein LOC641738 (LOC641738), mRNA.		CTGTGTCGGAGTCAGC GCAGCTTTTGAAGCTG GAGAGCATCATATTTT AG	LOC641738
2360739	XM_001716834.1	PREDICTED: Homo sapiens similar to hCG1812074 (LOC642131), mRNA.		CTGGGTCCGCCAGCCC CCAGGGAAGGGGCTG GAGTGGATTGGGGAA ATCT	LOC642131

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
380519	XM_930694.1	PREDICTED: Homo sapiens hypothetical protein LOC642477, transcript variant 2 (LOC642477), mRNA.		GTAGGAGGCAGGTCTCCGCGGTTCATCTGTGTTGCTCTAAATGACACTGT	LOC642477
4040113	XM_926633.1	PREDICTED: Homo sapiens hypothetical protein LOC643272 (LOC643272), mRNA.		ATCTCTTGGTGCTATCCCCAAACTGCCACTCTTAATTCCCTCTTAGAGTG	LOC643272
6130152	XM_932310.2	PREDICTED: Homo sapiens hypothetical LOC644695 (LOC644695), mRNA.		AACACGCCCCTTCACCCGGCGCGGGACGCAGAGCTGCGAGAGAATCTTGT	LOC644695
5960328	XM_927939.2	PREDICTED: Homo sapiens hypothetical LOC644844 (LOC644844), mRNA.		CCTGCCCCTGCTCTGCACTCTCAGGTATTCCCTGCTCTTACTCCAAAAAG	LOC644844
4590332	XM_928495.1	PREDICTED: Homo sapiens similar to vasoactive intestinal peptide receptor 2 (LOC645464), mRNA.		ATCGGGGTTGGCGTTGGCCGCAGATGCCTCTCGGTCCCTCCCTGTACTTA	LOC645464
4780754	XR_017655.1	PREDICTED: Homo sapiens hypothetical LOC645682 (LOC645682), mRNA.		CAGGTTGGAGTGCGGCTAGTGCCCCAAGGCGGCTTGGAGACCTCTCAGCC	LOC645682
2120189	XR_018230.2	PREDICTED: Homo sapiens misc_RNA (LOC645726), miscRNA.		GAGCTGCAGGCCGGCCATTAGAACTCAGTGATTTGAGGATGGAGGAGTCG	LOC645726
1410747	XM_944750.2	PREDICTED: Homo sapiens hCG25653 (LOC646360), mRNA.		GAGATGAGTGCGGGGCTCATCTATCCCTGGAATTGTCTTTCCCACAATCC	LOC646360
5820746	XM_937044.1	PREDICTED: Homo sapiens similar to Ribosome biogenesis protein BMS1 homolog (LOC647987), mRNA.		TCATTTGCGTTCATGCCGTGGAGGAAGTGGTGAAGGAGGTGGTGGGACAC	LOC647987
6020242	XM_938439.1	PREDICTED: Homo sapiens similar to aggrecan 1 isoform 2 precursor (LOC649366), mRNA.		GCCCCCGGGACCGTGCAGGCACCAGGGTTCCGTGCACCTATTTATATTTT	LOC649366
6580088	XM_938906.2	PREDICTED: Homo sapiens similar to protein immuno-reactive with anti-PTH polyclonal antibodies (LOC649841), mRNA.		GGACAGTGTCTTTTGACCAACCACCAGGCTTGAAGGCTACAAGAGACGAG	LOC649841
580445	XM_939003.1	PREDICTED: Homo sapiens similar to Ig gamma-2 chain C region (LOC649923), mRNA.		TTGAGCGCAAATGTTGTGTCGAGTGCCCACCGTGCCCAGCACCACCTGTG	LOC649923

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
6400414	XM_942469.1	PREDICTED: Homo sapiens similar to ubiquitin specific protease 32, transcript variant 1 (LOC650546), mRNA.		AGCCTTGCATGTGCAGAAAGTAAAAGCCAGGGTAGGCTTGTAACCTGCCC	LOC650546
5870653	XR_037048.1	PREDICTED: Homo sapiens misc_RNA (LOC651397), miscRNA.		GTTAGGAATGAAAGCATCCCTGGAGAACAGCCTGGAGGAGACCAAAGGCC	LOC651397
5560707	XM_945048.1	PREDICTED: Homo sapiens hypothetical protein LOC651957 (LOC651957), mRNA.		GAGAACATCACCACCCTGAAGCCAGAGACTAACACTGCAGGACTCAGCAA	LOC651957
6290450	XM_941499.1	PREDICTED: Homo sapiens similar to Ig heavy chain V-I region HG3 precursor (LOC652155), mRNA.		CCCTGGAAAAGGGCTTGAGTGGATGGGACTTGTTGATCCTGAAGATGGTG	LOC652155
4760673	XM_941629.1	PREDICTED: Homo sapiens hypothetical protein LOC652235 (LOC652235), mRNA.		CAGCAGCTGTTTTTGAGCACCTTGTCCTTTGTGTGTCCGTGGTGTGCAAC	LOC652235
6770706	XR_016233.2	PREDICTED: Homo sapiens misc_RNA (LOC653174), miscRNA.		GAAAAGATGGAGCGGAGGCGCAAGCCCCAGCTAGACCGCAGAGGCGCCGT	LOC653174
6180546	XM_931458.1	PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1, transcript variant 2 (LOC653178), mRNA.		AGGACGGCAGTACTCAGCATGGTCTTATGCACAGGAACTAAAGGAAAAAC	LOC653178
4390386	XM_927237.1	PREDICTED: Homo sapiens similar to G antigen, family D, 2 isoform 1a, transcript variant 1 (LOC653219), mRNA.		GACACACACAAACACAGAACCACACAGCCAGTCCCAGGAGCCCAGTAATG	LOC653219
6350091	XR_038447.1	PREDICTED: Homo sapiens misc_RNA (LOC653288), miscRNA.		AGCGCAAGCCCCACCTAGACCGCAGAGGCGCCGTCATCCAGAGCGTCCCT	LOC653288
1570286	XM_926983.1	PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1, transcript variant 1 (LOC653293), mRNA.		CCTGCAATACTACAAGAGGATGAAGCCACCTGAAGAGGGAACAGAGACGT	LOC653293
1510519	XM_932477.1	PREDICTED: Homo sapiens similar to Proprotein convertase subtilisin/kexin type 7 precursor (Proprotein convertase PC7) (Subtilisin/kexin-like protease PC7) (Prohormone convertase PC7) (PC8) (hPC8) (Lymphoma proprotein convertase), transcript variant 5 (LOC653303), mRNA.		AGAACCTGGGGTCAGTGGGACACAGTGAGGCAGCTCCTGGAGCAGACCAT	LOC653303

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
60546	XM_001720772.1	PREDICTED: Homo sapiens similar to TSPY1 protein (LOC728132), mRNA.		TGGAGCGGAGGCGCAAGCCCCAGCTAGACCGCAGAGGCGCCGTCATCCAG	LOC728132
5700360	XM_001127829.1	PREDICTED: Homo sapiens similar to UDP-glucuronosyltransferase 2B15 precursor (UDPGT) (UDPGTh-3) (HLUG4), transcript variant 2 (LOC728160), mRNA.		GCATAAGACCAGGATGTCTCTGAAATGGACGTCAGTCTTTCTGCTGATAC	LOC728160
5420324	XM_001129849.2	PREDICTED: Homo sapiens similar to potassium channel tetramerisation domain containing 5 (LOC728249), mRNA.		GTGCTTCTGAGGTGGGTGGTGAGAGACAGGTCCAGCTGTCCAAGGCCAGG	LOC728249
50291	XM_001126990.1	PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1 (LOC728395), mRNA.	GO:0005634|GO:0006334	CTTCGCAGGATCTAACAAGATTGCTGAGATCCTATGTAAGGACCTGTGGC	LOC728395
2340088	XM_001127004.1	PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1 (LOC728403), mRNA.		TCTGGATTATGAAGTGGAGGCCTATCGCCGCAGACACCACAACAGCAGCC	LOC728403
6840278	XM_001127025.2	PREDICTED: Homo sapiens similar to testis specific protein, Y-linked 1 (LOC728412), mRNA.		GCTTCTGGGCCAATGTTATTGCAAACCACCCCCAGATGTCAGCCCTGATC	LOC728412
2060372	XR_015320.1	PREDICTED: Homo sapiens similar to Beta-glucuronidase precursor (LOC728565), mRNA.		TGACCTTTGGGACCAACTCCACCTACGCAGCAGACAAGGGGGCTCTGTAT	LOC728565
5720491	XR_015474.1	PREDICTED: Homo sapiens misc_RNA (LOC728640), miscRNA.		CTGGTTTCCCTCGGCGTGCCACTGTGTGCTCAGTCCAGCACCATGGGGAA	LOC728640
6770746	XM_001128260.1	PREDICTED: Homo sapiens similar to hCG38149 (LOC728715), mRNA.		CCTTGTGTTCAACATTCAGCCAGCCCCAGCCATGGTCTACGATTACTATG	LOC728715
5670280	XM_001128377.2	PREDICTED: Homo sapiens similar to hCG1984907 (LOC728755), mRNA.		CACTGACCTGCGCCCACTGTCTGGCACTCCCTAGTGAGATGAACCTGGTA	LOC728755
5080138	XR_015382.1	PREDICTED: Homo sapiens similar to UDP glycosyltransferase 2 family, polypeptide B17 (LOC728811), mRNA.		GCAGCCCACGACCTCACCTGGTTCCAATACCACAACTTGCATGTGATTAG	LOC728811

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
4760192	XR_015937.1	PREDICTED: Homo sapiens similar to Keratin, type I cytoskeletal 14 (Cytokeratin-14) (CK-14) (Keratin-14) (K14) (LOC729252), mRNA.		TAGTCCCTACTTCAAGACCATCGAGGACCTGAGGCACAAGATCATTGCGG	LOC729252
2650056	XM_001133677.1	PREDICTED: Homo sapiens similar to TP53TG3 protein, transcript variant 2 (LOC729264), mRNA.		TCACGTGTCTTCACGCATCTCTTGAATTGGAAATTGTGCCCTGGAGACTG	LOC729264
1850168	XM_001133686.1	PREDICTED: Homo sapiens similar to TP53TG3 protein, transcript variant 2 (LOC729355), mRNA.		TGGCTGTCACAAATCCTCTGCACCCCAGGAGCGCCGCTTGGACCCCCGGG	LOC729355
6770441	XR_041261.1	PREDICTED: Homo sapiens misc_RNA (LOC730081), miscRNA.		TGCAGCCATGTAAGCAAGTACCTTTCACCTCCCGCCATGATTCTGAGGCC	LOC730081
3060703	NM_030941.1	Homo sapiens exonuclease NEF-sp (LOC81691), mRNA.		CGTGAGTCGGCCTGCCATGTTTCCATGTGCCATTTCTTACCCCTTGTAGG	LOC81691
2810504	NR_015454.1	Homo sapiens hypothetical LOC92659 (LOC92659), non-coding RNA.		AGCTGGAGTCAGGGCAATTCCAACCAAGAAACTGCGGCAGGCCGGGTGCA	LOC92659
3170431	NM_002319.2	Homo sapiens leucine-rich repeats and calponin homology (CH) domain containing 4 (LRCH4), mRNA.	GO:0005737|GO:0016605|GO:0007399|GO:0016481|GO:0005515|GO:0016564	GTGCTGACCTCTCTCTCCCACAGACCCCAGACACCCATTGTCCATAGCCT	LRCH4
6660162	NM_052972.2	Homo sapiens leucine-rich alpha-2-glycoprotein 1 (LRG1), mRNA.	GO:0005576|GO:0005576|GO:0005634|GO:0005783|GO:0016020|GO:0008150|GO:0003674|GO:0005515	CACACTGGGGCTGCCTTTCTCTGACTCTGTCTTCCCCAAGTCAGGGGGCT	LRG1
7150324	NM_006152.2	Homo sapiens lymphoid-restricted membrane protein (LRMP), mRNA.	GO:0005634|GO:0005737|GO:0005783|GO:0005789|GO:0005887|GO:0016020|GO:0006903|GO:0006906	TACCAGACTCCGACACAATGGGCCACCACCAGTGTGACAGCAGGACATCC	LRMP
2810687	NM_014665.1	Homo sapiens leucine rich repeat containing 14 (LRRC14), mRNA.	GO:0006508|GO:0004252|GO:0005515	AACACAGGTTGGCAGGCCAGTCTCGGCAGTCGAGAGCCAGCCAATAGATG	LRRC14
4490544	NM_021246.2	Homo sapiens lymphocyte antigen 6 complex, locus G6D (LY6G6D), mRNA.	GO:0005886|GO:0031225	TGCAGCAGCTACCGCCCTGACCTGTCTCTTGCCAGGACTGTGGAGCGGAT	LY6G6D
3990561	NM_002347.2	Homo sapiens lymphocyte antigen 6 complex, locus H (LY6H), mRNA.	GO:0005886|GO:0031225|GO:0007399|GO:0009887	GGGGAAGTGAAGCAACAGCCCAGCTGGAAGGGCGTCTTCTGCGGAGAAAT	LY6H

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
240220	NM_174941.3	Homo sapiens scavenger receptor cysteine-rich type 1 protein M160 (M160), mRNA.		GATGCTAGCGACACATCGCTGTTGGGAGTTCTTCCTGCCTCTGAAGCCAC	M160
6370754	NM_004988.3	Homo sapiens melanoma antigen family A, 1 (directs expression of antigen MZ2-E) (MAGEA1), mRNA.	GO:0005737|GO:0005886	GCGGTCAGTGTTCTCAGTAGTAGGTTTCTGTTCTATTGGGTGACTTGGAG	MAGEA1
3140349	NM_001011544.1	Homo sapiens melanoma antigen family A, 11 (MAGEA11), transcript variant 2, mRNA.	GO:0005634|GO:0005737|GO:0005515	ATGAGATGCAACCAGGGCCAGCGGGCAGGGAAATGGGCCAATGCATGCTT	MAGEA11
5910612	NM_002362.4	Homo sapiens melanoma antigen family A, 4 (MAGEA4), transcript variant 2, mRNA.	GO:0005575|GO:0008150|GO:0003674|GO:0005515|GO:0005515	GCCAGTGCATCTAACAGCCCTGTGCAGCAGCTTCCCTTGCCTCGTGTAAC	MAGEA4
4200722	NM_016249.2	Homo sapiens melanoma antigen family C, 2 (MAGEC2), mRNA.	GO:0005634|GO:0005737	TAGTGGAACAAAATTGAAGGGTGGTCAGTAGTTTCATTTCCTTGTCCTGC	MAGEC2
6660368	NM_001042600.1	Homo sapiens mitogen-activated protein kinase kinase kinase kinase 1 (MAP4K1), transcript variant 1, mRNA.	GO:0000185|GO:0006950|GO:0007243|GO:0007257|GO:0018105|GO:0006468|GO:0006950|GO:0007243|GO:0045610|GO:0000166|GO:0004674|GO:0005083|GO:0005515|GO:0005524|GO:0008349|GO:0016740|GO:0000166|GO:0004674|GO:0005083|GO:0005515|GO:0005524	TGGAGGCCGTGGCTATGGTTGGAGGTCAGCTTCAGGCCTTCTGGAAGCAT	MAP4K1
4590477	NM_001042600.1	Homo sapiens mitogen-activated protein kinase kinase kinase kinase 1 (MAP4K1), transcript variant 1, mRNA.	GO:0000185|GO:0006950|GO:0007243|GO:0007257|GO:0018105|GO:0006468|GO:0006950|GO:0007243|GO:0045610|GO:0000166|GO:0004674|GO:0005083|GO:0005515|GO:0005524|GO:0008349|GO:0016740|GO:0000166|GO:0004674|GO:0005083|GO:0005515|GO:0005524	GATGATCCTACTGCTCCCAGCAACCTCTACATCCAGGAATGAGTCCCTAG	MAP4K1
1400142	NM_002379.2	Homo sapiens matrilin 1, cartilage matrix protein (MATN1), mRNA.	GO:0005578|GO:0006461|GO:0005201|GO:0005515	GAGTGTGAGAGTGATAATGCAGGGGTGAGTGTGAGAGGGACTGCGTTTGC	MATN1
270470	NM_030592.1	Homo sapiens matrilin 4 (MATN4), transcript variant 3, mRNA.	GO:0005576	ACAGAGCTTCGGAGCCCATGCGAATGCGAAAGCCTCGTGGAGTTCCAGGG	MATN4
6900170	NM_003833.2	Homo sapiens matrilin 4 (MATN4), transcript variant 1, mRNA.	GO:0005576	GCACCACTGCGTCAATTCCCCAGGCTCCTATTTCTGTCACTGCCAAGTTG	MATN4

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3170450	NM_017643.1	Homo sapiens mbt domain containing 1 (MBTD1), mRNA.	GO:0005634|GO:0045449|GO:0008270|GO:0046872	GGCCAAGATCACGCCACTACATTCCAGCTGGGCAACACAGCAAGACTCTG	MBTD1
1450446	NM_005297.3	Homo sapiens melanin-concentrating hormone receptor 1 (MCHR1), mRNA.	GO:0005886|GO:0005887|GO:0031513|GO:0006091|GO:0007165|GO:0007193|GO:0007204|GO:0007218|GO:0007631|GO:0004872|GO:0008188|GO:0030273	TCTGCTTACTGAAAACAAGGAGACCTGGGGTGGGTGTGGTTGGGGGTCTT	MCHR1
5670709	NM_032503.2	Homo sapiens melanin-concentrating hormone receptor 2 (MCHR2), transcript variant 2, mRNA.	GO:0005886|GO:0016021|GO:0007165|GO:0007186|GO:0004872	CTGGACTTTAAGCATAATTAGGAAACATTCCTGGCCGGGTGCAGTGGCTC	MCHR2
6770408	NM_004526.2	Homo sapiens minichromosome maintenance complex component 2 (MCM2), mRNA.	GO:0000785|GO:0005634|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005664|GO:0006260|GO:0006260|GO:0006268|GO:0006270|GO:0006334|GO:0006350|GO:0006355|GO:0007049|GO:0000166|GO:0003677|GO:0003688|GO:0005515|GO:0005524|GO:0008270|GO:0046872	GAGCTGCTGCCCTCTTGGCGTGAGTTGCGTATTCAGGCTGCTTTTGCTGC	MCM2
6290494	NM_002388.3	Homo sapiens minichromosome maintenance complex component 3 (MCM3), mRNA.	GO:0005634|GO:0005730|GO:0005634|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005658|GO:0005730|GO:0005737|GO:0006260|GO:0006260|GO:0006270|GO:0006350|GO:0006355|GO:0007049|GO:0000166|GO:0003677|GO:0005524|GO:0000166|GO:0003677|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005524|GO:0017111	CAGGATGACAATCAGGTCATGGTGTCTGAGGGCATCATCTTCCTCATCTG	MCM3
6020170	NM_005914.2	Homo sapiens minichromosome maintenance complex component 4 (MCM4), transcript variant 1, mRNA.	GO:0005634|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005654|GO:0005730|GO:0006268|GO:0006260|GO:0006260|GO:0006268|GO:0006270|GO:0006350|GO:0006355|GO:0003678|GO:0003697|GO:0005515|GO:0016787|GO:0017111|GO:0000166|GO:0003677|GO:0003678|GO:0003697|GO:0005515|GO:0005524|GO:0017111	AAGGAAGGCTCCCTGCATGTCCTGCTTGCTGCACGCCACATGGGTGTGGT	MCM4

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5490068	NM_153259.2	Homo sapiens mucolipin 2 (MCOLN2), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0005216	AAGACCTCATGCTCATGCAGTGGACATTTCTTGGCCTGTTTTCCTGTGGG	MCOLN2
4540414	NM_004229.3	Homo sapiens mediator complex subunit 14 (MED14), mRNA. XM_942921	GO:0000119|GO:0005634|GO:0006350|GO:0006367|GO:0030521|GO:0045944|GO:0004872|GO:0005515|GO:0016455|GO:0030374|GO:0042809|GO:0046966	GTCTTTTGCCTCTTTTGTTACCCAGGTTCGATCAAGGGGACTGGATGCCC	MED14
3780437	NM_005925.2	Homo sapiens meprin A, beta (MEP1B), mRNA.	GO:0005615|GO:0005886|GO:0005887|GO:0006508|GO:0007586|GO:0004222|GO:0008233|GO:0008270|GO:0046872	GGTGGTACATGGGAGAAAGGTGTGAAAAGAGAGGCTCCACCCGAGACACC	MEP1B
3520338	NM_177524.1	Homo sapiens mesoderm specific transcript homolog (mouse) (MEST), transcript variant 2, mRNA.	GO:0005794|GO:0016020|GO:0016021|GO:0007498|GO:0003824|GO:0005515	GCGCAACCGGTTCTCCGAAACATGGAGTCCTGTAGGCAAGGTCTTACCTG	MEST
770682	NM_016459.3	Homo sapiens hypothetical protein MGC29506 (MGC29506), mRNA.		TCCTGGACTCTACCCTCCTCTGAAAGAAGCTGGGGCTTGCTCTGACGGTC	MGC29506
7330367	NM_005511.1	Homo sapiens melan-A (MLANA), mRNA.	GO:0005887|GO:0016020	GGCAATTTAGCTCTCTTGGGTTCCCAAATCCCTCTCACAAGAATGTGCAG	MLANA
2370632	NM_005940.3	Homo sapiens matrix metallopeptidase 11 (stromelysin 3) (MMP11), mRNA.	GO:0005578|GO:0005576|GO:0005578|GO:0006508|GO:0007275|GO:0030574|GO:0003824|GO:0004222|GO:0046872|GO:0004222|GO:0005509|GO:0008233|GO:0008270	CAGGTCTTGGTAGGTGCCTGCATCTGTCTGCCTTCTGGCTGACAATCCTG	MMP11
4760626	NM_002426.2	Homo sapiens matrix metallopeptidase 12 (macrophage elastase) (MMP12), mRNA.	GO:0005576|GO:0005578|GO:0006508|GO:0008152|GO:0004222|GO:0005509|GO:0008233|GO:0008270	TCTATTTGAAGCATGCTCTGTAAGTTGCTTCCTAACATCCTTGGACTGAG	MMP12
3180528	NM_004994.2	Homo sapiens matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) (MMP9), mRNA.	GO:0005576|GO:0005578|GO:0005615|GO:0001501|GO:0006508|GO:0008152|GO:0030198|GO:0030225|GO:0030574|GO:0043065|GO:0004222|GO:0004222|GO:0005509|GO:0005518|GO:0008233|GO:0008270	GCTTCTACTGGCGCGTGAGTTCCCGGAGTGAGTTGAACCAGGTGGACCAA	MMP9
1230228	NM_013404.3	Homo sapiens mesothelin (MSLN), transcript variant 2, mRNA.	GO:0005576|GO:0005794|GO:0005886|GO:0031225|GO:0007155|GO:0005515|GO:0042605	TTCCACCCCAAGAGAACTCGCGCTCAGTAAACGGGAACATGCCCCCTGCA	MSLN
4150598	NM_138634.1	Homo sapiens microseminoprotein, beta- (MSMB), transcript variant PSP57, mRNA.	GO:0005576|GO:0005615|GO:0005634|GO:0008150|GO:0003674	GAGGACTGCAAGTATATCGTGGTGGAGAAGAAGGACCCAAAAAAGACCTG	MSMB

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3060273	NM_005954.2	Homo sapiens metallothionein 3 (MT3), mRNA.	GO:0005634|GO:0005730|GO:0008021|GO:0001666|GO:0006875|GO:0008283|GO:0019430|GO:0050768|GO:0005507|GO:0008270|GO:0009055|GO:0016209|GO:0046872|GO:0051536	CAGCTGCTGCCAGTGAGAAGGCACCCCTCCGTGTGGAGCACGTGGAGATA	MT3
7200601	NM_001044390.1	Homo sapiens mucin 1, cell surface associated (MUC1), transcript variant 5, mRNA.	GO:0005576|GO:0005576|GO:0005634|GO:0005737|GO:0005886|GO:0005887|GO:0016324|GO:0005179	CCCACCAATTTCTCGGACACTTCTCAGTGTGTGGAAGCTCATGTGGGCCC	MUC1
7650026	NM_001044391.1	Homo sapiens mucin 1, cell surface associated (MUC1), transcript variant 6, mRNA.	GO:0005576|GO:0005576|GO:0005634|GO:0005737|GO:0005886|GO:0005887|GO:0016324|GO:0005179	TAGCGGGGATCCTGAACTGGACTGAATAAAACGTGGTCTCCCACTGCGCC	MUC1
1850315	XM_936315.2	PREDICTED: Homo sapiens mucin 12, cell surface associated (MUC12), mRNA.	GO:0005887|GO:0016020|GO:0001558|GO:0003674	CTGAGGGAGAGCAGATTCGGCCTTGAGAACGCCTACAACAACTTCCGGCC	MUC12
2490070	NM_024690.2	Homo sapiens mucin 16, cell surface associated (MUC16), mRNA.	GO:0005576|GO:0005886|GO:0016021|GO:0016469|GO:0019898|GO:0016469|GO:0016469|GO:0007155|GO:0005515|GO:0015078|GO:0015078	ACCTGGAGGATCTGCAATGACTGGAACTTGCCGGTGCCTGGGGTGCCTTT	MUC16
1300240	XM_001134429.1	PREDICTED: Homo sapiens mucin 5AC, oligomeric mucus/gel-forming (MUC5AC), mRNA.	GO:0005575|GO:0005576|GO:0005576|GO:0005622|GO:0005840|GO:0043205|GO:0008150|GO:0008150|GO:0006412|GO:0006915|GO:0006917|GO:0007155|GO:0007586|GO:0008150|GO:0008285|GO:0030336|GO:0043206|GO:0003674|GO:0030197|GO:0003674|GO:0003735|GO:0005515|GO:0030197	ATGCATCCAGCCTGCTGTTCTGGGGACGTGAGCATCACCTGAGGGTCTCA	MUC5AC
6980762	NM_058173.2	Homo sapiens mucin-like 1 (MUCL1), mRNA.	GO:0005576|GO:0016020	CACTGCTGCTCCTACCACTGCAACCACCGCTGCTTCTACCACTGCTCGTA	MUCL1
7380670	NM_005375.2	Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), transcript variant 2, mRNA.	GO:0005634|GO:0005634|GO:0016363|GO:0000082|GO:0006355|GO:0006816|GO:0006355|GO:0003700|GO:0005515|GO:0003677|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0016563	GTGTTTGCAACTGGGGAGACAGAAACTGTGGTTGATAGCCAGTCACTGCC	MYB
5340220	NM_001010985.1	Homo sapiens myosin binding protein H-like (MYBPHL), mRNA.	GO:0005737|GO:0009987	AGGAAGCCCGCCAGTGGTGAGACTGTGTCCTCAAGGAGCTTCGGCACCAT	MYBPHL

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6100360	NM_138768.2	Homo sapiens myeloma overexpressed (in a subset of t(11;14) positive multiple myelomas) (MYEOV), mRNA.		TGCTGGGTGTGTTGCATGGCCCTCCCAACCAATTCAGTATTTTTCTCCCC	MYEOV
3990577	NM_017533.2	Homo sapiens myosin, heavy chain 4, skeletal muscle (MYH4), mRNA.	GO:0005737|GO:0005863|GO:0016459|GO:0006941|GO:0030048|GO:0030049|GO:0000146|GO:0000166|GO:0003779|GO:0005516|GO:0005524|GO:0008307	GGAACAATCCAATGTCAACCTTGCCAAGTTCCGCAAGCTCCAGCACGAGC	MYH4
1710692	NM_015011.1	Homo sapiens myosin XVI (MYO16), mRNA.	GO:0005654|GO:0005737|GO:0005886|GO:0005886|GO:0016459|GO:0048471|GO:0016459|GO:0008285|GO:0021549|GO:0045749|GO:0000166|GO:0003774|GO:0005524|GO:0051015|GO:0003774|GO:0005524	CAAATGAGCACGCTGCCATGTACTGGTTTGAGCAGTAGGGGCTGCATCGC	MYO16
1450468	NM_004535.2	Homo sapiens myelin transcription factor 1 (MYT1), mRNA.	GO:0005634|GO:0005634|GO:0006355|GO:0006350|GO:0006355|GO:0007275|GO:0007399|GO:0030154|GO:0003700|GO:0008270|GO:0003700|GO:0005515|GO:0008270|GO:0046872	CAGATGTGTGTGCTTGGGCGTGTTTCTCGTGTCGCGTTTGCGTGTCGGCT	MYT1
6250040	NM_005966.3	Homo sapiens NGFI-A binding protein 1 (EGR1 binding protein 1) (NAB1), mRNA.	GO:0005634|GO:0005634|GO:0005737|GO:0005886|GO:0001958|GO:0006355|GO:0014037|GO:0016481|GO:0042552|GO:0045449|GO:0045682|GO:0016564|GO:0030528	CTTCCAACTTCCAATATTTATCCATTCGTTGTGGACCCACAGATTGCATC	NAB1
5890170	NM_024865.1	Homo sapiens Nanog homeobox (NANOG), mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0008283|GO:0009790|GO:0045595|GO:0003700|GO:0043565	ACCTTGGCTGCTAAGGACAACATTGATAGAAGCCGTCTCTGGCTATAGAT	NANOG
2100296	NM_004851.1	Homo sapiens napsin A aspartic peptidase (NAPSA), mRNA.	GO:0006508|GO:0004190|GO:0008233	GTCATCCAGACTACTCGAAATGGCGTCCGCCTCTGCTTGTCCGGTTTCCA	NAPSA
3180681	NR_003187.1	Homo sapiens neutrophil cytosolic factor 1C pseudogene (NCF1C), non-coding RNA.	GO:0005737|GO:0007154|GO:0005515|GO:0035091	CAGGCTACTTTCCGTCCATGTACCTGCAAAAGTCGGGGCAAGACGTGTCC	NCF1C
7650538	NM_005337.4	Homo sapiens NCK-associated protein 1-like (NCKAP1L), mRNA.	GO:0005624|GO:0005886|GO:0005887	CAATCCAGGGCTGAGAAATCGTAGAGCAGTGAGGCAGGCTGGGAGCATGG	NCKAP1L
4060438	NM_020142.3	Homo sapiens NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 (NDUFA4L2), mRNA.		TACGTGTTGAGCGTGGCCTACGTGAGCCAACAAGAAGCAGGGGCCTCTGA	NDUFA4L2

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1660767	NM_005382.1	Homo sapiens neurofilament, medium polypeptide 150kDa (NEFM), mRNA.	GO:0005882|GO:0005883|GO:0031594|GO:0005883|GO:0030424|GO:0031594|GO:0000226|GO:0008088|GO:0031133|GO:0045110|GO:0060052|GO:0000226|GO:0008088|GO:0031133|GO:0045110|GO:0060052|GO:0005198|GO:0005198|GO:0005200	GCATGCAAGCTCAGGGTGCTCCCTCCTCAGTCTTTGGGGGATTCAAATGC	NEFM
1570309	NM_002497.2	Homo sapiens NIMA (never in mitosis gene a)-related kinase 2 (NEK2), mRNA.	GO:0000794|GO:0000922|GO:0005634|GO:0005737|GO:0005813|GO:0005829|GO:0030496|GO:0000070|GO:0006468|GO:0007049|GO:0007088|GO:0007126|GO:0051301|GO:0000166|GO:0000287|GO:0004674|GO:0005515|GO:0005515|GO:0005524|GO:0016740	AGTCCAAGTGCAAGGACCTGAAGAAAAGGCTTCACGCTGCCCAGCTGCGG	NEK2
4610669	NM_002497.2	Homo sapiens NIMA (never in mitosis gene a)-related kinase 2 (NEK2), mRNA.	GO:0000794|GO:0000922|GO:0005634|GO:0005737|GO:0005813|GO:0005829|GO:0030496|GO:0000070|GO:0006468|GO:0007049|GO:0007088|GO:0007126|GO:0051301|GO:0000166|GO:0000287|GO:0004674|GO:0005515|GO:0005515|GO:0005524|GO:0016740	CTGTTTAACAGAATATGAGCTGTCTGTCATTTACCTACTTCTTTCCCACT	NEK2
1990731	NM_006157.2	Homo sapiens NEL-like 1 (chicken) (NELL1), mRNA.	GO:0005576|GO:0007155|GO:0007399|GO:0007155|GO:0005198|GO:0005509|GO:0005198|GO:0005509	TCCACCTGAGGACGGTGTTTGGAGGTTGCCTTTTGGACCTACCACTTTGC	NELL1
7610441	NM_002509.2	Homo sapiens NK2 homeobox 2 (NKX2-2), mRNA.	GO:0005634|GO:0005730|GO:0005737|GO:0006355|GO:0007275|GO:0007399|GO:0007420|GO:0014003|GO:0021529|GO:0031018|GO:0045597|GO:0045944|GO:0048468|GO:0048665|GO:0003700|GO:0005515|GO:0043565	AGGACCGGCCTGTTTCCCGTCTGGGTCCAACTCCTTTCTTTGTGGCTTGT	NKX2-2
5670129	NM_139176.2	Homo sapiens NLR family, pyrin domain containing 7 (NLRP7), transcript variant 1, mRNA.	GO:0006952|GO:0000166|GO:0005515|GO:0005524|GO:0000166|GO:0005515|GO:0005524	GCAGCCTGGGATCGCTCTACGAATTACACAGGAAGCGGGATTCGGGTCTC	NLRP7
7050220	NM_006681.1	Homo sapiens neuromedin U (NMU), mRNA.	GO:0005576|GO:0006940|GO:0006940|GO:0007165|GO:0007218|GO:0007586|GO:0005102	GCTGCAGCTCGTTCCTCACCTGCATGAGAGAAGAATGAAGAGATTCAGAG	NMU

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3140131	NM_020167.3	Homo sapiens neuromedin U receptor 2 (NMUR2), mRNA.	GO:0005886|GO:0016021|GO:0006816|GO:0006940|GO:0007165|GO:0007200|GO:0007204|GO:0007218|GO:0007417|GO:0007631|GO:0019226|GO:0043006|GO:0048016|GO:0050482|GO:0001607|GO:0004872|GO:0005229|GO:0005525	CTGAGTCATCTACGTTCCGAGTCAGGCTGTCACTCCTACTACCAATGGCC	NMUR2
4880138	NM_000905.2	Homo sapiens neuropeptide Y (NPY), mRNA.	GO:0005576|GO:0005615|GO:0005623|GO:0006816|GO:0006928|GO:0007187|GO:0007218|GO:0007268|GO:0007586|GO:0008217|GO:0008283|GO:0008343|GO:0032100|GO:0001664|GO:0004930|GO:0005184|GO:0005246	CCCAGAACTCGGCTTGAAGACCCTGCAATGTGGTGATGGGAAATGAGACT	NPY
5340458	NM_018044.2	Homo sapiens NOL1/NOP2/Sun domain family, member 5 (NSUN5), transcript variant 2, mRNA.	GO:0008168|GO:0016740	ACGTGCTCCCTCTGCCAGGAGGAGAATGAAGACGTGGTGCGAGATGCGCT	NSUN5
580181	NM_032158.3	Homo sapiens NOP2/Sun domain family, member 5C (NSUN5C), transcript variant 1, mRNA.	GO:0008168|GO:0016740	CTCGGGTATGCCGAGCAGACAGCTGGAGGAGCCCGGGGCAGGGACACCTA	NSUN5C
3940520	NM_001002010.1	Homo sapiens 5'-nucleotidase, cytosolic III (NT5C3), transcript variant 1, mRNA.	GO:0005737|GO:0005783|GO:0006213|GO:0009117|GO:0000166|GO:0000287|GO:0008253|GO:0008253|GO:0008665|GO:0008665|GO:0016787	CTCCAAGAAGACCTCTCTCCTGTGGGTGCAATTGAACTGTTCATCCGTTC	NT5C3
4220326	NM_006183.3	Homo sapiens neurotensin (NTS), mRNA.	GO:0005576|GO:0005625|GO:0031410|GO:0007165|GO:0050880|GO:0005184	CCACAAAATCTGTCACAGCAGGGCTTTTCAACACTGGGAGTTAATCCAGG	NTS
2320215	NM_024923.2	Homo sapiens nucleoporin 210kDa (NUP210), mRNA.	GO:0005634|GO:0005635|GO:0005643|GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0031965|GO:0015031|GO:0051028|GO:0065002|GO:0005515	TGGGGGAGGAGACCCTTGGAAAAGTCCTCTCTTCCCAGCTCCTGATTCTG	NUP210
7100541	NM_017681.1	Homo sapiens nucleoporin 62kDa C-terminal like (NUP62CL), mRNA.	GO:0005634|GO:0005643|GO:0005730|GO:0005737|GO:0005643|GO:0016020|GO:0005643|GO:0016020|GO:0015031|GO:0017056|GO:0017056|GO:0017056	AGCCTTGTTCTTAGGTTTGGAACAGTCTGGTCTCCTGTGTTTCATGTTTC	NUP62CL
3360707	NM_014582.2	Homo sapiens odorant binding protein 2A (OBP2A), mRNA.	GO:0005576|GO:0006810|GO:0007608|GO:0050896|GO:0006810|GO:0005215|GO:0005549|GO:0005488|GO:0005215|GO:0005488	GACTACGTCTTTTACTGCAAAGACCAGCGCCGTGGGGGCCTGCGCTACAT	OBP2A

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3450286	NM_014581.2	Homo sapiens odorant binding protein 2B (OBP2B), mRNA.	GO:0005576|GO:0006810|GO:0007608|GO:0007635|GO:0050896|GO:0005215|GO:0005549	GCCCAGTGACCTGCCGAGGTCGGCAGCACAGAGCTCTGGAGATGAAGACC	OBP2B
840494	NM_058170.1	Homo sapiens olfactomedin 3 (OLFM3), mRNA.		CTCTGTTCACTCCACTGAATGCAACCCATATAGTTTCTTGCACAAGGTGC	OLFM3
6770131	NM_006418.3	Homo sapiens olfactomedin 4 (OLFM4), mRNA.	GO:0005576|GO:0016020|GO:0007155|GO:0005515	TGTTCAAGTCCTAGTCTATAGGATTGGCAGTTTAAATGCTTTACTCCCCC	OLFM4
4610333	NM_006418.3	Homo sapiens olfactomedin 4 (OLFM4), mRNA.	GO:0005576|GO:0016020|GO:0007155|GO:0005515	GAAGATTAGAACCAGACTTACTAACCAATTCCACCCCCCACCAACCCCCT	OLFM4
6350192	NM_004852.2	Homo sapiens one cut homeobox 2 (ONECUT2), mRNA.	GO:0005634|GO:0006355|GO:0009887|GO:0003700|GO:0003702|GO:0043565	CCTGTGAATACCTCAGCTTCAACTGGGCCTCCATACAGTCAGTTGGTGGG	ONECUT2
110189	NM_004852.2	Homo sapiens one cut homeobox 2 (ONECUT2), mRNA.	GO:0005634|GO:0006355|GO:0009887|GO:0003700|GO:0003702|GO:0043565	ACCACAGTGCAGGGAAAACAAAAGTATCCCAGCATCTTCATCCTGTACAC	ONECUT2
2480431	NM_004852.2	Homo sapiens one cut homeobox 2 (ONECUT2), mRNA.	GO:0005634|GO:0006355|GO:0009887|GO:0003700|GO:0003702|GO:0043565	CAGTGGCTGCCCTGAAATCCTGGTGGGGATGAGGATCACGCTTCATCATC	ONECUT2
450020	NM_000608.2	Homo sapiens orosomucoid 2 (ORM2), mRNA.	GO:0005576|GO:0005615|GO:0006953|GO:0005488	GCTGTTCCTTAGGGACACCAAGACCTTGATGTTTGGTTCCTACCTGGACG	ORM2
620202	NM_182980.2	Homo sapiens oxidative stress induced growth inhibitor 1 (OSGIN1), transcript variant 2, mRNA.	GO:0005575|GO:0007275|GO:0030154|GO:0030308|GO:0008083	TGCTAAGGAAGGAGACCAGGAAGCCACCCTAACACTCGGCCAGACCCGCT	OSGIN1
3930379	NM_002566.4	Homo sapiens purinergic receptor P2Y, G-protein coupled, 11 (P2RY11), mRNA.	GO:0005886|GO:0005887|GO:0006952|GO:0007165|GO:0007190|GO:0007200|GO:0004872|GO:0045028	AGGGACCCCAGGCACAAGAGCTGCCACCCCTCTGCCCGGTTTTGGAAAAA	P2RY11
7100431	NM_178129.3	Homo sapiens purinergic receptor P2Y, G-protein coupled, 8 (P2RY8), mRNA.	GO:0005886|GO:0016021|GO:0007165|GO:0007186|GO:0004872|GO:0045028	CTATGGAGAGCAGCCGACACCCCCTCTTACAGCCGTGGATGTTTCCTGGA	P2RY8
5490301	XM_001722078.1	PREDICTED: Homo sapiens poly(A) binding protein, cytoplasmic 1-like (PABPC1L), mRNA.	GO:0000166|GO:0003723	CTTCCATGGCTGCCAAAAGGACAGTGTTTCTGGCTCTCAGCCCTAAGGCC	PABPC1L

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3890601	NM_016233.2	Homo sapiens peptidyl arginine deiminase, type III (PADI3), mRNA.	GO:0005737|GO:0006464|GO:0018101|GO:0004668|GO:0005509|GO:0016787	CCTCTGGATTGGTCTCAGGCTCTCTGTTGGCCTTTGGTCAGCGTTTCCAC	PADI3
1240195	NM_207339.2	Homo sapiens P antigen family, member 2 (prostate associated) (PAGE2), mRNA.		GCAGTGCCTGCTTTTCAAGGGCCTGACATGGAAGCTTTTCAACAGGAACT	PAGE2
4850528	NM_001015038.1	Homo sapiens P antigen family, member 2B (PAGE2B), mRNA.		CTTTCCGCCATCTTGATTCTTTGTCACTGACCGAGACTCAGCCGTGGGAA	PAGE2B
2650075	NM_130467.3	Homo sapiens P antigen family, member 5 (prostate associated) (PAGE5), transcript variant 1, mRNA.		GGGACTCTGCCCACTTTTGATCCCACTAAAGTGCTGGAAGCAGGTGAAGG	PAGE5
5900608	NM_130467.3	Homo sapiens P antigen family, member 5 (prostate associated) (PAGE5), transcript variant 1, mRNA.		GAGCTCTGCAAGGAGAGGTTGTGTCTTCGTTCTTTCCGCCATCTTCGTTC	PAGE5
20112	NM_052959.2	Homo sapiens pannexin 3 (PANX3), mRNA.	GO:0005886|GO:0005921|GO:0016021|GO:0030054	GGCTGGCTTAGAACCCTCAAAACCCAAACACCTCACCAACTCGGCATGTG	PANX3
2900064	XR_017850.1	PREDICTED: Homo sapiens prostate androgen-regulated transcript 1 (PART1), misc RNA.	GO:0005575|GO:0008150|GO:0003674	CACAGTGCCAGCCTCTACCTAAGGAAACCCTAGACCTTGGAACCAGTTTC	PART1
4850070	NM_013953.3	Homo sapiens paired box 8 (PAX8), transcript variant PAX8D, mRNA.	GO:0005634|GO:0005634|GO:0005654|GO:0001656|GO:0006355|GO:0007275|GO:0030154|GO:0030878|GO:0001656|GO:0007275|GO:0009653|GO:0030154|GO:0030878|GO:0045893|GO:0003677|GO:0005515|GO:0016563|GO:0003700|GO:0004996|GO:0005515|GO:0016563	GGGACACTCTGTACCCCCGGCAGACCCTTTCCAACTCACAACCAATAAAG	PAX8
1090451	NM_003466.3	Homo sapiens paired box 8 (PAX8), transcript variant PAX8A, mRNA.	GO:0005634|GO:0005634|GO:0005654|GO:0001656|GO:0006355|GO:0007275|GO:0030154|GO:0030878|GO:0001656|GO:0007275|GO:0009653|GO:0030154|GO:0030878|GO:0045893|GO:0003677|GO:0005515|GO:0016563|GO:0003700|GO:0004996|GO:0005515|GO:0016563	CCAAATGTGCTTCCTGCAGCTCACGCCCACCAGCTACTGAAGGGACCCAA	PAX8
3420554	NM_018492.2	Homo sapiens PDZ binding kinase (PBK), mRNA.	GO:0005575|GO:0006468|GO:0007067|GO:0000166|GO:0004674|GO:0005515|GO:0005524|GO:0016740	GACTCTGGTTACAGATTGTCTTGATCTCTTGGATCTCCTCAGATCTTTGG	PBK

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2970370	NM_014459.2	Homo sapiens protocadherin 17 (PCDH17), mRNA.	GO:0005886|GO:0016021|GO:0007155|GO:0007156|GO:0005509|GO:0005515	AAGCTTTTGCAAGACTGCCGGGGAAACGACCCTGTGGCTGTGAGAAAGTG	PCDH17
7570753	NM_018936.2	Homo sapiens protocadherin beta 2 (PCDHB2), mRNA.	GO:0005886|GO:0005887|GO:0007155|GO:0007156|GO:0007268|GO:0007416|GO:0016339|GO:0005509|GO:0005515	TTGTGGAAAGTCCTTTTTTACTGCTTTGCCCATTGGAGGTGTCTCCTTTT	PCDHB2
6290008	NM_018938.2	Homo sapiens protocadherin beta 4 (PCDHB4), mRNA.	GO:0005886|GO:0005887|GO:0007155|GO:0007156|GO:0007268|GO:0007416|GO:0016339|GO:0005509|GO:0005515	CTCCCCAAAATCAAGACTCTTGAGAGCATCATAGGTCTCCTTGTGCTACC	PCDHB4
1510014	NM_006031.4	Homo sapiens pericentrin (PCNT), mRNA.	GO:0005814|GO:0007051|GO:0042384|GO:0005516	GAGGTGACGGGCACTCACTCCCATGAGCCCTGGCTGTGTGCTGTTGTGTG	PCNT
7200609	NM_000439.3	Homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), mRNA.	GO:0005615|GO:0031410|GO:0006508|GO:0007267|GO:0008152|GO:0043043|GO:0004252|GO:0005509|GO:0008233	GTAGAGGGTGTTTGCAGAGCAATGCCCGTAATGCTTAGAGAATGTTCTCC	PCSK1
520176	NM_000439.3	Homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), mRNA.	GO:0005615|GO:0031410|GO:0006508|GO:0007267|GO:0008152|GO:0043043|GO:0004252|GO:0005509|GO:0008233	GTAGCTGAGTTTAACATGTGTGGTCTTGGTATTCTTAAGGGAACTTCCAC	PCSK1
4210678	NM_013271.2	Homo sapiens proprotein convertase subtilisin/kexin type 1 inhibitor (PCSK1N), mRNA.	GO:0005576|GO:0005615|GO:0005625|GO:0005794|GO:0005802|GO:0030141|GO:0007218|GO:0016486|GO:0004867|GO:0005102	AGCTGTTGAGGTACTTGCTGGGACGGATTCTTGCGGGAAGCGCGGACTCC	PCSK1N
7040019	NM_002594.2	Homo sapiens proprotein convertase subtilisin/kexin type 2 (PCSK2), mRNA.	GO:0005615|GO:0005625|GO:0016020|GO:0031410|GO:0006508|GO:0007399|GO:0016486|GO:0016540|GO:0006508|GO:0007399|GO:0016540|GO:0030070|GO:0034230|GO:0034231|GO:0004252|GO:0008233|GO:0004252|GO:0005515|GO:0008233	GGCCAGTGGAAATTCAGGTGAAAATGTTCATCAATTCCCATTGCATCACC	PCSK2
110347	NM_005391.2	Homo sapiens pyruvate dehydrogenase kinase, isozyme 3 (PDK3), mRNA.	GO:0005739|GO:0005759|GO:0005975|GO:0006006|GO:0007165|GO:0016310|GO:0018106|GO:0000155|GO:0004740|GO:0005524	ACGCCTGAAGCCGATGATTGGAGCAATCCCAGCAGTGAACCCAGGGATGC	PDK3
4120427	NM_000209.3	Homo sapiens pancreatic and duodenal homeobox 1 (PDX1), mRNA.	GO:0005634|GO:0006006|GO:0006091|GO:0007263|GO:0007275|GO:0009887|GO:0030073|GO:0030154|GO:0031016|GO:0042127|GO:0045944|GO:0003700|GO:0003704|GO:0016563|GO:0043565	GCACAGTGGCCTGGTGCGCCTTGGAAACCAACAACTATTCACGAGCCAGT	PDX1

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1260762	NM_001079807.1	Homo sapiens pepsinogen 3, group I (pepsinogen A) (PGA3), mRNA.	GO:0005576|GO:0006508|GO:0007586|GO:0004190|GO:0008233	GTGGCTTAAGCCTAAGTCTCTTCAGCCACCTCCCAGGAAGATCTGGCCTC	PGA3
1510332	NM_001079807.1	Homo sapiens pepsinogen 3, group I (pepsinogen A) (PGA3), mRNA.	GO:0005576|GO:0006508|GO:0007586|GO:0004190|GO:0008233	CCCATTGCCAACATCCAGAGCGACATCGGAGCCAGCGAGAACTCAGATGG	PGA3
3140373	NM_001079808.1	Homo sapiens pepsinogen 4, group I (pepsinogen A) (PGA4), mRNA.		CACAACCTCAACCCAGCCAGAAAGTACTTCCCCCAGTGGGAGGCTCCCAC	PGA4
1580437	NM_014224.1	Homo sapiens pepsinogen 5, group I (pepsinogen A) (PGA5), mRNA.		TTAAGCCTAAGTCTCTTCAGCCACCTCCCAGGAAGATCTGGCCTCCGTCC	PGA5
770739	NM_002630.2	Homo sapiens progastricsin (pepsinogen C) (PGC), mRNA.	GO:0005576|GO:0005615|GO:0006508|GO:0006508|GO:0006508|GO:0007586|GO:0004190|GO:0008233|GO:0004190|GO:0008233|GO:0004190|GO:0008233	CCGTCTACGACTTGGGCAACAACAGAGTAGGCTTTGCCACTGCCGCCTAG	PGC
1050168	NM_002638.2	Homo sapiens peptidase inhibitor 3, skin-derived (SKALP) (PI3), mRNA.	GO:0005576|GO:0005578|GO:0007620|GO:0004867|GO:0005515	CTGACTGCCCAGGAATCAAGAAGTGCTGTGAAGGCTCTTGCGGGATGGCC	PI3
3310093	NM_017861.1	Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class X (PIGX), mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0016254	CCAGCTAATTGGAAGGGTGAGGCGGGAGGATCGCTTGAACCTGGGAGGCG	PIGX
1570039	NM_013440.3	Homo sapiens paired immunoglobin-like type 2 receptor beta (PILRB), transcript variant 1, mRNA.	GO:0005887|GO:0016020|GO:0007171|GO:0004872|GO:0005515	TTAAAAGGCAAAGCCGCAAGGCAGAAGGAGGCTGGGTCCCTGAATCACCG	PILRB
6200168	NM_006875.2	Homo sapiens pim-2 oncogene (PIM2), mRNA.	GO:0005634|GO:0005737|GO:0006468|GO:0006916|GO:0007140|GO:0008283|GO:0008637|GO:0000166|GO:0004674|GO:0005515|GO:0005524|GO:0016740	GGGTGAGGGGACCCTACTCTGTTATCCCAAGTGCTCTTATTCTGGTGAGA	PIM2
4010519	NM_002652.2	Homo sapiens prolactin-induced protein (PIP), mRNA.	GO:0005576|GO:0008150|GO:0003779|GO:0005515	GCCGTCGTTGATGTTATTCGGGAATTAGGCATCTGCCCTGATGATGCTGC	PIP
2480424	NM_002661.2	Homo sapiens phospholipase C, gamma 2 (phosphatidylinositol-specific) (PLCG2), mRNA.	GO:0005886|GO:0005886|GO:0007242|GO:0016042|GO:0004435|GO:0004871|GO:0005509|GO:0005515|GO:0016787	GGAGAACGTGCCCTATTCACACTCTGGGAAGACGCTAATCTGTGACATCT	PLCG2

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3850064	NM_018390.2	Homo sapiens phosphatidylinositol-specific phospholipase C, X domain containing 1 (PLCXD1), mRNA.	GO:0006629|GO:0007242|GO:0004629	GTACCCGGTTGCTACGGTGAAATGAAGGTGCCCCGCATCCAGAAAGACGC	PLCXD1
3450332	NM_000301.1	Homo sapiens plasminogen (PLG), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0005615|GO:0006508|GO:0006917|GO:0007596|GO:0008285|GO:0016525|GO:0043537|GO:0048771|GO:0051918|GO:0006915|GO:0006917|GO:0042246|GO:0045445|GO:0046716|GO:0004252|GO:0005509|GO:0008233|GO:0034185	TGGAAGAGTCCAATCCACCGAACTCTGTGCTGGGCATTTGGCCGGAGGCA	PLG
4780139	NM_199478.1	Homo sapiens proteolipid protein 1 (PLP1), transcript variant 2, mRNA.	GO:0043209|GO:0043209|GO:0043209|GO:0043209|GO:0043209|GO:0043209|GO:0016020|GO:0016021|GO:0043209|GO:0022010|GO:0042759|GO:0048469|GO:0022010|GO:0042759|GO:0048469|GO:0022010|GO:0042759|GO:0048469|GO:0022010|GO:0042759|GO:0048469|GO:0022010|GO:0042759|GO:0048469|GO:0007268|GO:0008366|GO:0022010|GO:0042759|GO:0048469|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005198|GO:0005515	AGCACTGACCCCGATGGCGATGGACTACTGAAGCCCTAACTCAGCCAACC	PLP1
6330187	NM_002670.1	Homo sapiens plastin 1 (I isoform) (PLS1), mRNA.	GO:0005737|GO:0003779|GO:0005509|GO:0005200|GO:0005509|GO:0051015	CTTTCTCCATCTTCCACTGTTAGTGCCAGTGAGCAATACTGTTGTGCAAC	PLS1
6840739	NM_002670.1	Homo sapiens plastin 1 (I isoform) (PLS1), mRNA.	GO:0005737|GO:0003779|GO:0005509|GO:0005200|GO:0005509|GO:0051015	CCAAACATTGGCTAGAACATCCCAAGATATGCTGACACTGTCCTGTTAGC	PLS1
6420687	NM_130852.1	Homo sapiens palate, lung and nasal epithelium carcinoma associated (PLUNC), transcript variant 2, mRNA.	GO:0005576|GO:0045087|GO:0003674|GO:0008289	CCTGGTCCTTGGTGACTGCACCCATTCCCCTGGAAGCCTGCAAATTTCTC	PLUNC
7150132	NM_002687.3	Homo sapiens pinin, desmosome associated protein (PNN), mRNA.	GO:0005634|GO:0005681|GO:0005730|GO:0005737|GO:0005882|GO:0005886|GO:0005911|GO:0016607|GO:0006350|GO:0006355|GO:0006397|GO:0007155|GO:0008380|GO:0045786|GO:0003677|GO:0005198|GO:0005515	CCCGGTCCGACAGAAAGAGGTCTATATCAGAGAGTAGTCGATCAGGCAAA	PNN

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5810253	NM_016937.2	Homo sapiens polymerase (DNA directed), alpha 1, catalytic subunit (POLA1), mRNA.	GO:0005634|GO:0005730|GO:0005737|GO:0000785|GO:0005634|GO:0005634|GO:0005635|GO:0005654|GO:0005654|GO:0005654|GO:0005658|GO:0005658|GO:0005730|GO:0005737|GO:0016363|GO:0006139|GO:0006260|GO:0000084|GO:0000731|GO:0000731|GO:0000731|GO:0006139|GO:0006270|GO:0006272|GO:0006272|GO:0006273|GO:0006273|GO:0006303|GO:0008283|GO:0000166|GO:0003677|GO:0003887|GO:0016740|GO:0016779|GO:0000166|GO:0003677|GO:0003682|GO:0003887|GO:0003887|GO:0003887|GO:0003896|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0008270|GO:0016740|GO:0016779|GO:0046872|GO:0046982	GTGTTGTATTCAGAAAAACGGGGAGAGGGATGCTTAATTGGCCCTGGCGC	POLA1
2710452	NM_006235.1	Homo sapiens POU class 2 associating factor 1 (POU2AF1), mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0006366|GO:0006959|GO:0003713|GO:0005515	ATAAGCCACCATTCTGTGGAACCAAGGCCCCCTCCACGCAAACACCCTCC	POU2AF1
7400598	NM_006237.3	Homo sapiens POU class 4 homeobox 1 (POU4F1), mRNA.	GO:0005634|GO:0001967|GO:0006357|GO:0007275|GO:0007409|GO:0007416|GO:0021535|GO:0021953|GO:0043065|GO:0048934|GO:0051355|GO:0003700|GO:0005515|GO:0043565	GACCGTTTTGTGGCTAGTGCGATTTCACAGTCTACTGCCTGTTTCCACTG	POU4F1
770615	NM_002701.4	Homo sapiens POU class 5 homeobox 1 (POU5F1), transcript variant 1, mRNA.	GO:0005634|GO:0005634|GO:0005737|GO:0006355|GO:0006355|GO:0009653|GO:0003700|GO:0043565|GO:0003700|GO:0005515|GO:0043565	GTCACCCCTGGTGCCGTGAAGCTGGAGAAGGAGAAGCTGGAGCAAAACCC	POU5F1
290136	NR_002304.1	Homo sapiens POU class 5 homeobox 1 pseudogene 1 (POU5F1P1), non-coding RNA.	GO:0005634|GO:0006355|GO:0003700|GO:0043565	GGCAAGCGATCAAGCAGCGACTATGCACAACGAGAGGATTTTGAGGCTGC	POU5F1P1
6450746	NR_002304.1	Homo sapiens POU class 5 homeobox 1 pseudogene 1 (POU5F1P1), non-coding RNA.	GO:0005634|GO:0006355|GO:0003700|GO:0043565	GCAGTGCCCGAAACCCACACTGCAGATCAGCCACATCGCCCAGCAGCTTG	POU5F1P1
4250626	NM_177526.1	Homo sapiens phosphatidic acid phosphatase type 2C (PPAP2C), transcript variant 2, mRNA.	GO:0005829|GO:0016020|GO:0016021|GO:0016020|GO:0004721|GO:0008195|GO:0008195|GO:0016787|GO:0003824	TTGACCCTGGGCGAGGCTGACCACAACCACTATGGATACCCGCACTCCTC	PPAP2C

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5390474	NM_152224.1	Homo sapiens protein phosphatase, EF-hand calcium binding domain 1 (PPEF1), transcript variant 1b, mRNA.	GO:0006470|GO:0050906|GO:0000287|GO:0004722|GO:0005506|GO:0005509|GO:0016787|GO:0030145	TGGGTTGGACCTAGTGGTGTTGTCGTGAGTGCCACCTAACCAGGAGGCCA	PPEF1
4480301	NM_206955.1	Homo sapiens preferentially expressed antigen in melanoma (PRAME), transcript variant 4, mRNA.	GO:0005515	TGGGGACAGAACCTTCTATGACCCGGAGCCCATCCTGTGCCCCTGTTTCA	PRAME
2690519	NM_206955.1	Homo sapiens preferentially expressed antigen in melanoma (PRAME), transcript variant 4, mRNA.	GO:0005515	GACCCACGTGCTGTATCCTGTCCCCCTGGAGAGTTATGAGGACATCCATG	PRAME
2260615	NM_004698.1	Homo sapiens PRP3 pre-mRNA processing factor 3 homolog (S. cerevisiae) (PRPF3), mRNA.	GO:0005634|GO:0005681|GO:0016607|GO:0000398|GO:0007601|GO:0008380|GO:0050896|GO:0005515|GO:0005515|GO:0005515|GO:0031202	GCATGGGGCTGAACACTACTGGGACCTTGCGCTGAGTGAATCTGTGTTAG	PRPF3
4780373	NM_144956.1	Homo sapiens protease, serine, 21 (testisin) (PRSS21), transcript variant 2, mRNA.	GO:0005624|GO:0005624|GO:0005624|GO:0005737|GO:0005886|GO:0031225|GO:0006508|GO:0004252|GO:0008233	GATCCAGAAGCTGATGGCCCAGAGTGGCATGTCCCAGCCAGACCCCTCCT	PRSS21
6330593	NM_000316.2	Homo sapiens parathyroid hormone 1 receptor (PTH1R), mRNA.		GCGCTGGGGGCTGGACCTGCTGACATAGTGGATGGACAGATGGACCAAAA	PTH1R
940646	NM_000316.2	Homo sapiens parathyroid hormone 1 receptor (PTH1R), mRNA.		ACTGGCACTGGACTTCAAGCGAAAGGCACGCAGCGGGAGCAGCAGCTATA	PTH1R
6900414	NM_198965.1	Homo sapiens parathyroid hormone-like hormone (PTHLH), transcript variant 1, mRNA.	GO:0005576|GO:0005615|GO:0005634|GO:0005737|GO:0001501|GO:0001501|GO:0002076|GO:0007189|GO:0007267|GO:0007565|GO:0007595|GO:0008284|GO:0008285|GO:0008544|GO:0030855|GO:0043129|GO:0046058|GO:0048286|GO:0005179|GO:0005509	CCACCCCGTCCGATTTGGGTCTGATGATGAGGGCAGATACCTAACTCAGG	PTHLH
6400465	NM_080548.3	Homo sapiens protein tyrosine phosphatase, non-receptor type 6 (PTPN6), transcript variant 2, mRNA.	GO:0005634|GO:0005737|GO:0005829|GO:0016020|GO:0006470|GO:0006915|GO:0007165|GO:0007186|GO:0007242|GO:0001784|GO:0004725|GO:0004725|GO:0005515|GO:0005515|GO:0016787	GGAGAAGAGCAAGGGTTCCCTCAAGAGGAAGTGAGCGGTGCTGTCCTCAG	PTPN6
3850603	NM_002846.2	Homo sapiens protein tyrosine phosphatase, receptor type, N (PTPRN), mRNA.	GO:0005887|GO:0016020|GO:0006470|GO:0004872|GO:0005001|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0016791	CTGGGAGTTCCCTGAACATCTGTGTGTGTCCCCCTATGCTCCAGTATGGA	PTPRN

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2350132	NM_002849.2	Homo sapiens protein tyrosine phosphatase, receptor type, R (PTPRR), transcript variant 1, mRNA.	GO:0005737|GO:0005886|GO:0009986|GO:0016021|GO:0001701|GO:0006470|GO:0004872|GO:0005001|GO:0016787|GO:0019901	GGTGGCTTCTGCTCCAGAACTCTATCCACTGTATTTCCACATCGTGAGTC	PTPRR
130754	NM_002851.2	Homo sapiens protein tyrosine phosphatase, receptor-type, Z polypeptide 1 (PTPRZ1), mRNA.	GO:0005575|GO:0005578|GO:0005887|GO:0016020|GO:0006470|GO:0006730|GO:0007409|GO:0007417|GO:0008150|GO:0004089|GO:0005001|GO:0005515|GO:0008270|GO:0008330|GO:0016787	CAAGGCAGGAAGAGAATCCATCCACCTCTCTGGACAGTAATGGTGCAGCA	PTPRZ1
1510291	NM_004219.2	Homo sapiens pituitary tumor-transforming 1 (PTTG1), mRNA.	GO:0005634|GO:0005737|GO:0005829|GO:0006281|GO:0006366|GO:0007049|GO:0007059|GO:0007067|GO:0007283|GO:0051276|GO:0051301|GO:0003700|GO:0004869|GO:0005515|GO:0017124	CTCCACCATGGGAATCCAATCTGTTGCAGTCTCCTTCAAGCATTCTGTCG	PTTG1
5960224	NR_002734.1	Homo sapiens pituitary tumor-transforming 3 (pseudogene) (PTTG3P), non-coding RNA.		GCTTCGAGAGTTTTGACCTGCCTGAAGAGCACCAGATTGCACATCTCCCC	PTTG3P
5490689	NM_002854.2	Homo sapiens parvalbumin (PVALB), mRNA.	GO:0005737|GO:0030424|GO:0005737|GO:0030424|GO:0005737|GO:0030424|GO:0005509|GO:0005509|GO:0005509	GAGCTGGGATTCATCCTAAAAGGCTTCTCCCCAGATGCCAGAGACCTGTC	PVALB
6400603	NM_024070.3	Homo sapiens poliovirus receptor related immunoglobulin domain containing (PVRIG), mRNA.	GO:0016020|GO:0016021	CTTTAATTCTTGGGCCTCCAATAAGTGTCCCATAGGTGTCTGGCCAGGCC	PVRIG
1410603	NM_001024647.2	Homo sapiens RAB3A interacting protein (rabin3) (RAB3IP), transcript variant A, mRNA.	GO:0005634|GO:0005737|GO:0005813|GO:0005829|GO:0005932|GO:0006893|GO:0015031|GO:0033365|GO:0042384|GO:0005085|GO:0005515|GO:0005515|GO:0005515	CGAGATTCCGTGGGCGTAGGACCCTCTGAGCCAGGTGTGGGATATAGTCT	RAB3IP
2760239	NM_005739.2	Homo sapiens RAS guanyl releasing protein 1 (calcium and DAG-regulated) (RASGRP1), mRNA.	GO:0000139|GO:0005622|GO:0005624|GO:0005737|GO:0005783|GO:0005789|GO:0005794|GO:0005886|GO:0007265|GO:0030154|GO:0051056|GO:0005085|GO:0005509|GO:0005515|GO:0008270|GO:0019992	TCAAGCCTAGTGTAAATTTCTGCATCTCACACGACTTTAGTTTGGCCAGG	RASGRP1
450132	NM_203390.2	Homo sapiens RNA binding motif protein 12B (RBM12B), mRNA.	GO:0000166|GO:0003723|GO:0000166|GO:0003676	GGGGCCAATTTTAACCCAGACAGACCACTGACTCCAGTTCATGCTTTTGC	RBM12B

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3420372	NM_017495.4	Homo sapiens RNA binding motif protein 38 (RBM38), transcript variant 1, mRNA.	GO:0005634|GO:0005829|GO:0006977|GO:0006978|GO:0050821|GO:0000166|GO:0003730|GO:0000166|GO:0003676|GO:0000166|GO:0003676	GTGAGTTGTCTCAGGACCCCGTCACTGCGACGTTGACACTCCTCTCCCTT	RBM38
1300187	NM_138412.2	Homo sapiens retinol dehydrogenase 13 (all-trans/9-cis) (RDH13), mRNA.	GO:0055114|GO:0005488|GO:0016491	GTGTTTGCTGAGGGCTTCCTGTGCCAGAGCCCAGCCAGAGAGCAGGTGCA	RDH13
3610170	NM_002909.3	Homo sapiens regenerating islet-derived 1 alpha (pancreatic stone protein, pancreatic thread protein) (REG1A), mRNA.	GO:0008284|GO:0005488|GO:0005529	GCCCCAAGCAGTGTTAATCCTGGCTACTGTGTGAGCCTGACCTCAAGCAC	REG1A
6350475	NM_006507.2	Homo sapiens regenerating islet-derived 1 beta (pancreatic stone protein, pancreatic thread protein) (REG1B), mRNA.	GO:0008283|GO:0005488|GO:0005529	TGCATCGCTGATCTTCAGTACCTTCACCTGTCTCAGTCTCTAGAGCCCTG	REG1B
6590438	NM_032044.2	Homo sapiens regenerating islet-derived family, member 4 (REG4), mRNA.	GO:0005576|GO:0005488|GO:0005529|GO:0005488|GO:0005529	GGTCTGGCAAGTCCATGGGTGGGAACAAGCACTGTGCTGAGATGAGCTCC	REG4
1260722	NM_032579.2	Homo sapiens resistin like beta (RETNLB), mRNA.	GO:0005576|GO:0008283|GO:0003674|GO:0005179	GGATGGCTGTCACTGGCTGTGCTTGTGGCTATGGCTGTGGTTCGTGGGAT	RETNLB
4010592	NR_002727.1	Homo sapiens RFPL1 antisense RNA (non-protein coding) (RFPL1S), non-coding RNA.		GAGTGTCTTGAGTATCTGTCCTGTGATAAACCCGGGCACTACTGATGCTC	RFPL1S
7160739	NM_001013734.2	Homo sapiens ret finger protein-like 4B (RFPL4B), mRNA.	GO:0005515|GO:0008270|GO:0046872	GCAAGCCCTCGCCTTCGCCGTGTGGGAATTTTCCTGGATGCTGACTTAGA	RFPL4B
2650370	NM_001025603.1	Homo sapiens regulatory factor X, 5 (influences HLA class II expression) (RFX5), transcript variant 2, mRNA.	GO:0005634|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0006355|GO:0006350|GO:0006355|GO:0003677|GO:0003677|GO:0003677|GO:0003677|GO:0003677|GO:0003677|GO:0003677|GO:0003700|GO:0005515	GCTAGTTCTGTGGTCAGGCGGCACCAATGAGAAAGGAATGCAGACCCTCC	RFX5
2570220	NR_023371.1	Homo sapiens RNA, 5S ribosomal 9 (RN5S9), ribosomal RNA.		GTCTGATCTCGGAAGCTAAGCAGGGTCGGGCCTGGTTAGTACTTGGACGG	RN5S9

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
3930372	NM_194431.1	Homo sapiens ribonuclease, RNase A family, 4 (RNASE4), transcript variant 3, mRNA.	GO:0005576|GO:0006379|GO:0003676|GO:0004519|GO:0004522|GO:0016787	CCAGGAACAAACAGCTGGAACCCATCTCCCGTTGAAGGGAAACTGCCAGA	RNASE4
7560497	NM_203400.1	Homo sapiens reprimo-like (RPRML), mRNA.	GO:0016020|GO:0016021	GCGTCAGAGTCGCTGAGCTTGTTGGCCTGATCTTGCGTTTGGAAAGAAAT	RPRML
1510424	NM_005980.2	Homo sapiens S100 calcium binding protein P (S100P), mRNA.	GO:0005634|GO:0005737|GO:0043542|GO:0000287|GO:0005509|GO:0048306	AATGATGCCCTGGAGATGTCACAGATTCCTGGCAGAGCCATGGTCCCAGG	S100P
130338	NM_000331.3	Homo sapiens serum amyloid A1 (SAA1), transcript variant 1, mRNA.	GO:0005576|GO:0005576|GO:0006953|GO:0007204|GO:0007204|GO:0030168|GO:0030593|GO:0045785|GO:0045785|GO:0045785|GO:0048246|GO:0048247|GO:0050708|GO:0050716|GO:0050728|GO:0001664|GO:0005319	AAGCGGGGAGAGGGTACACAATGGGTATCTAATAAATACTTAAGAGGTGG	SAA1
1690563	NM_199161.1	Homo sapiens serum amyloid A1 (SAA1), transcript variant 2, mRNA.	GO:0005576|GO:0005576|GO:0006953|GO:0007204|GO:0007204|GO:0030168|GO:0030593|GO:0045785|GO:0045785|GO:0045785|GO:0048246|GO:0048247|GO:0050708|GO:0050716|GO:0050728|GO:0001664|GO:0005319	TGATCAGGCTGCCAATGAATGGGGCAGGAGTGGCAAAGACCCCAATCACT	SAA1
4050291	NM_030754.2	Homo sapiens serum amyloid A2 (SAA2), mRNA.		GGGATTCAAAGTTAGTGAGGTCTATGTCCAGAGAAGCTGAGATATGGCAT	SAA2
3710022	NM_006512.1	Homo sapiens serum amyloid A4, constitutive (SAA4), mRNA.	GO:0005576|GO:0006953|GO:0005319	AAACTGGGCTGTGAGCCACACACTTCTCCCCCCAGACAGGGACACAGGGT	SAA4
2350482	NM_000541.3	Homo sapiens S-antigen; retina and pineal gland (arrestin) (SAG), mRNA.	GO:0007166|GO:0007600|GO:0007601|GO:0009586|GO:0016056|GO:0050896|GO:0002046|GO:0004864|GO:0005509|GO:0051219	CAGGATGCCGGAAAATGACCTGTAGTTACCAGTGCAACGAGCAAAGCCCC	SAG
5050270	NM_020436.2	Homo sapiens sal-like 4 (Drosophila) (SALL4), mRNA.	GO:0005622|GO:0005634|GO:0006350|GO:0006355|GO:0003677|GO:0008270|GO:0046872	GCGGTCAGCTAAGGGAGAACTTGCGTGGAAGGAGCAATGCAGACACAGTG	SALL4
3850767	NM_001024401.2	Homo sapiens SH3-binding domain kinase 1 (SBK1), mRNA.	GO:0005737|GO:0006468|GO:0000166|GO:0004674|GO:0005515|GO:0005524|GO:0016740	CAGAGCCCCAGCCCCTCATGTCTTGCCGCCCTTCCTCCATGTGTTTGTAA	SBK1

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4900520	NM_003469.3	Homo sapiens secretogranin II (chromogranin C) (SCG2), mRNA.	GO:0005576|GO:0005615|GO:0000165|GO:0001525|GO:0001937|GO:0001938|GO:0006928|GO:0006954|GO:0007242|GO:0009306|GO:0043066|GO:0043542|GO:0048245|GO:0050930|GO:0005125|GO:0005509|GO:0042056	GGCAGATGAAACCAGGTCACTGGGGAGTCTGCTTCATTTCCTCTGAGCTG	SCG2
5260343	NM_003020.1	Homo sapiens secretogranin V (7B2 protein) (SCG5), mRNA.	GO:0005576|GO:0030141|GO:0006810|GO:0006886|GO:0006886|GO:0007218|GO:0016486|GO:0016486|GO:0046883|GO:0046883|GO:0004857|GO:0004857|GO:0005525|GO:0051082	AGAAGGCTGTACTCAAGAGGAGGAGCTGACACATTTCACTTGGCTGCGTC	SCG5
520370	NM_006551.3	Homo sapiens secretoglobin, family 1D, member 2 (SCGB1D2), mRNA.	GO:0005576|GO:0005615|GO:0005488	CCAGGCCAATGCCGAGTTCTGCCCAGCTCTTGTTTCTGAGCTGTTAGACT	SCGB1D2
6840154	NM_002407.1	Homo sapiens secretoglobin, family 2A, member 1 (SCGB2A1), mRNA.	GO:0005576|GO:0008150|GO:0005488|GO:0005497	CCCAAGGCGTTTGGCTCAGAGGGCTACAGACTATGGCCAGAACTCATCTG	SCGB2A1
3130706	NM_002411.2	Homo sapiens secretoglobin, family 2A, member 2 (SCGB2A2), mRNA.	GO:0005576|GO:0005576|GO:0008150|GO:0005488|GO:0005496|GO:0005488|GO:0005496	CTTTCTGCAAGACCTTTGGCTCACAGAACTGCAGGGTATGGTGAGAAACC	SCGB2A2
3990278	NM_006998.3	Homo sapiens secretagogin, EF-hand calcium binding protein (SCGN), mRNA.	GO:0005576|GO:0005737|GO:0016020|GO:0031410|GO:0008150|GO:0005509	CTCCCAAAGACTCAGCTCCCCTGTTAGATGGCTCTGCCTGTCCTTCCCCA	SCGN
4890021	NM_019106.4	Homo sapiens septin 3 (SEPT3), transcript variant B, mRNA.	GO:0005634|GO:0005737|GO:0005886|GO:0031105|GO:0007049|GO:0007049|GO:0000166|GO:0005515|GO:0005525|GO:0000166|GO:0005525	CCGTTTCTTAAATGTTACCAGTCCCAGCCAATCTTACGGTGACATTACAG	SEPT3
5720379	NM_170694.1	Homo sapiens serine hydrolase-like (SERHL), mRNA.	GO:0016787	GCCCAGCTGTAGCTCTGGGCCTGGAACTATGAAGACCTAGTGCTCCCAGA	SERHL
5700441	NM_014509.3	Homo sapiens serine hydrolase-like 2 (SERHL2), mRNA.	GO:0005737|GO:0005777|GO:0016787|GO:0016787	CATGATAGACACGATGAAATCCACCCTCAAAGAGCAGTTCCAGTTTGTGG	SERHL2
6770333	NM_000295.3	Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 (SERPINA1), transcript variant 1, mRNA.	GO:0005576|GO:0005576|GO:0005615|GO:0005634|GO:0005730|GO:0031093|GO:0006953|GO:0007596|GO:0004867|GO:0005515|GO:0005515|GO:0005515|GO:0005515|GO:0008233	AGTGGACTTAGCCCCTGTTTGCTCCTCCGATAACTGGGGTGACCTTGGTT	SERPINA1

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1050563	NM_000488.2	Homo sapiens serpin peptidase inhibitor, clade C (antithrombin), member 1 (SERPINC1), mRNA.	GO:0005576|GO:0005576|GO:0005886|GO:0007596|GO:0004867|GO:0005515|GO:0008201	TGCTGGCCGTTCGCTAAACCCCAACAGGGTGACTTTCAAGGCCAACAGGC	SERPINC1
830095	NM_021115.3	Homo sapiens seizure related 6 homolog (mouse)-like (SEZ6L), mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0016021	GATGTCGCTACTATTCCAACCTCCGCCTGCCTCTGATGTACTCCCACCCC	SEZ6L
450246	NM_001093770.1	Homo sapiens surfactant protein A1 (SFTPA1), mRNA. XM_934600	GO:0005576|GO:0005578|GO:0007585|GO:0050828|GO:0005319|GO:0005488|GO:0005509|GO:0005529	GGAATAAGATACTTGTTGCTGTCACAGTTATTACCATCCCCCCAGCTACC	SFTPA1
2970112	NM_006926.2	Homo sapiens surfactant protein A2B (SFTPA2B), mRNA. XM_001133043 XM_001133049 XM_001133054	GO:0005488	GTGCGAAGTGAAGGACGTTTGTGTTGGAAGCCCTGGTATCCCCGGCACTC	SFTPA2B
1710356	NM_000542.2	Homo sapiens surfactant protein B (SFTPB), transcript variant 1, mRNA.	GO:0005576|GO:0005578|GO:0005764|GO:0006629|GO:0006665|GO:0007585|GO:0009887|GO:0050828	CCTCTCCAGTGTATCCACAGCCCCGACCTTTGATGAGAACTCAGCTGTCC	SFTPB
510561	NM_003018.2	Homo sapiens surfactant, pulmonary-associated protein C (SFTPC), mRNA.	GO:0005576|GO:0005578|GO:0007585|GO:0050828	AAACGCCCCGGGCAAAGGGTCTTTTGCAGCTTTTGCAGACGGGCAAGAAG	SFTPC
5670082	NM_000231.1	Homo sapiens sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein) (SGCG), mRNA.	GO:0005737|GO:0005856|GO:0005886|GO:0016012|GO:0016021|GO:0007010|GO:0007517|GO:0005515	GTGGGCACACACTGAGTGTTGAGTTGCCGTGTGGAGTTAATGTATGACGC	SGCG
730093	NM_020209.2	Homo sapiens Src homology 2 domain containing transforming protein D (SHD), mRNA.	GO:0005515	CTTTTGAGTCCTCGGGCCCAGAATCGTATCCCAAAGCCCTCCCATGGCCT	SHD
730148	NM_006928.3	Homo sapiens silver homolog (mouse) (SILV), mRNA.	GO:0005576|GO:0005634|GO:0005730|GO:0005737|GO:0005886|GO:0016021|GO:0042470|GO:0006583	GTCACTGGCTGCGTCTACCCCGCATCTTCTGCTCTTGTCCCATTGGTGAG	SILV
4220053	NM_003726.3	Homo sapiens src kinase associated phosphoprotein 1 (SKAP1), transcript variant 1, mRNA.	GO:0005634|GO:0005737|GO:0005886|GO:0006955|GO:0007165|GO:0004713|GO:0005070|GO:0005515	GGTGAGAGAGAAGGAAACCTTGGGAGGAGGACATTACTGGTTGTTCTGGC	SKAP1
270301	NM_020708.3	Homo sapiens solute carrier family 12, (potassium-chloride transporter) member 5 (SLC12A5), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006814|GO:0006821|GO:0006873|GO:0005215|GO:0015293|GO:0015379|GO:0030955	GGGGGCTGTATCAACATCAATTAGGGAACCAAAGTTGCACTATCTGGGCC	SLC12A5
2070372	NM_020708.3	Homo sapiens solute carrier family 12, (potassium-chloride transporter) member 5 (SLC12A5), mRNA.	GO:0016020|GO:0016021|GO:0006811|GO:0006813|GO:0006814|GO:0006821|GO:0006873|GO:0005215|GO:0015293|GO:0015379|GO:0030955	AGGCCTGCCTTTAATTTTCAGTGTAAGTGTTCAGTATGCCGCATCCTGCC	SLC12A5

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1580653	NM_001042496.1	Homo sapiens solute carrier family 12 (potassium/chloride transporters), member 6 (SLC12A6), transcript variant 5, mRNA.	GO:0005624|GO:0005887|GO:0016020|GO:0016020|GO:0016021|GO:0016020|GO:0016021|GO:0016323|GO:0030424|GO:0006811|GO:0006813|GO:0006814|GO:0006821|GO:0006873|GO:0006884|GO:0008217|GO:0006811|GO:0006814|GO:0006821|GO:0006811|GO:0006814|GO:0006821|GO:0005215|GO:0015293|GO:0015379|GO:0030955|GO:0005215|GO:0015377|GO:0005215|GO:0005515|GO:0015377	TCCCTCAACATCAGAACAATGCTCAAGTCTTTCAAGCCACGTCTGAGCAG	SLC12A6
10066	NM_001098486.1	Homo sapiens solute carrier family 17 (sodium phosphate), member 3 (SLC17A3), transcript variant 1, mRNA.	GO:0016021|GO:0005624|GO:0005783|GO:0005789|GO:0005887|GO:0016020|GO:0006810|GO:0006796|GO:0006811|GO:0006814|GO:0005215|GO:0005215|GO:0005436|GO:0015293|GO:0031402	GGGAGCATCAAGAGGATTTTCGAGCATAGCACCTGTCATTGTACCCACTG	SLC17A3
3120286	NM_020309.2	Homo sapiens solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7 (SLC17A7), mRNA.	GO:0008021|GO:0016020|GO:0016021|GO:0019717|GO:0030054|GO:0031410|GO:0045202|GO:0006811|GO:0006814|GO:0006817|GO:0006836|GO:0042137|GO:0005215|GO:0015293|GO:0015319|GO:0015321|GO:0031402	CAGGGGCTTAATGACTCAAAATCTGGGATCCTTCCCCTCTCAGACACCCC	SLC17A7
6480450	NM_004171.3	Homo sapiens solute carrier family 1 (glial high affinity glutamate transporter), member 2 (SLC1A2), mRNA.	GO:0016020|GO:0005624|GO:0016020|GO:0016021|GO:0006835|GO:0015813|GO:0006810|GO:0006835|GO:0007268|GO:0015813|GO:0015501|GO:0017153|GO:0015293|GO:0015501|GO:0017153	GCCCTACTCTTTTCCCAAGAAGGGTAAAGCCTACAATATCATCAGGGGGC	SLC1A2
6650152	NM_003057.2	Homo sapiens solute carrier family 22 (organic cation transporter), member 1 (SLC22A1), transcript variant 1, mRNA.	GO:0005624|GO:0005886|GO:0005887|GO:0016323|GO:0006811|GO:0006812|GO:0015695|GO:0005215|GO:0015075|GO:0015101|GO:0015101	GGATAATCACCCCCTTCATAGTCTTCAGGCTGAGGGAGGTCTGGCAAGCC	SLC22A1
2570672	NM_000111.1	Homo sapiens solute carrier family 26, member 3 (SLC26A3), mRNA.	GO:0005624|GO:0016020|GO:0016021|GO:0006810|GO:0006820|GO:0007588|GO:0008272|GO:0003700|GO:0003712|GO:0005215|GO:0008271|GO:0015297|GO:0031404	TCCATCCTAGTCACTACCTTCATGCATAGGTTTAGCAGTATAGTGGCGCC	SLC26A3

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4670138	NM_003645.2	Homo sapiens solute carrier family 27 (fatty acid transporter), member 2 (SLC27A2), mRNA.	GO:0005739|GO:0005777|GO:0005778|GO:0005782|GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0000038|GO:0006629|GO:0008152|GO:0008152|GO:0000166|GO:0004467|GO:0016874|GO:0003824	GACCCTGGTGGAGGAGGGCTTTAACCCTGCTGTCATCAAAGATGCCTTGT	SLC27A2
20609	NM_001532.2	Homo sapiens solute carrier family 29 (nucleoside transporters), member 2 (SLC29A2), mRNA.	GO:0005634|GO:0005730|GO:0005886|GO:0005887|GO:0031965|GO:0006139|GO:0006810|GO:0008283|GO:0015858|GO:0015858|GO:0005337|GO:0005337	GGTGACAAAACTGAGTCCTGGGGAAAGTGACTGGTCCGTGGTAGAGCCGG	SLC29A2
4480390	NM_001008783.1	Homo sapiens solute carrier family 35, member D3 (SLC35D3), mRNA.	GO:0016020|GO:0016021|GO:0008643|GO:0005351	ACTGAAACCCAGCCAGAAGAGGGACCACCTGTAAAGCAAGTCCTTTCAAG	SLC35D3
7380152	NM_018656.2	Homo sapiens solute carrier family 35, member E3 (SLC35E3), mRNA.	GO:0016020|GO:0016021	AGGAAGGACACACAGTAGCTCTCTGCTTGCTGATAGATGGTTTCCCAGTG	SLC35E3
2810762	NM_016180.3	Homo sapiens solute carrier family 45, member 2 (SLC45A2), transcript variant 1, mRNA.	GO:0016020|GO:0016021|GO:0033162|GO:0006583|GO:0007601|GO:0048066|GO:0050896	CGTCTGCGGTGGCACTGATAGGCTGTTGCTTTGTCGCTCTCTTTGTTAGA	SLC45A2
1740692	NM_016180.3	Homo sapiens solute carrier family 45, member 2 (SLC45A2), transcript variant 1, mRNA.	GO:0016020|GO:0016021|GO:0033162|GO:0006583|GO:0007601|GO:0048066|GO:0050896	CGGGATATTTGCTGTTTGGCCTGGGGACGGGATTTATTGGGCTCTTCCCG	SLC45A2
2450452	NM_004252.2	Homo sapiens solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 (SLC9A3R1), mRNA.	GO:0012505|GO:0015629|GO:0016020|GO:0016324|GO:0042995|GO:0006461|GO:0016055|GO:0030643|GO:0032415|GO:0005515|GO:0005515|GO:0030165|GO:0031698	GGCCTCAGCCTTAAACTTTTGTTCCTACTCCCACCCTCAGCGAACTGGGC	SLC9A3R1
4850576	NM_019844.2	Homo sapiens solute carrier organic anion transporter family, member 1B3 (SLCO1B3), mRNA.	GO:0005886|GO:0005886|GO:0005887|GO:0009925|GO:0016328|GO:0006811|GO:0015711|GO:0005215|GO:0008514|GO:0015125	GTTCCTGGTCTTTCACTGACAATTCCAACATTCTTTACTTACAGTGGACC	SLCO1B3
510133	NM_021652.1	Homo sapiens SMA4 (SMA4), mRNA.	GO:0005575|GO:0005975|GO:0008150|GO:0003674|GO:0004553	ACGCAGCAGACAAGGGGGCTCTGTATGTGGATGTGATCCGTGTGAACGGC	SMA4

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2640598	NM_148674.3	Homo sapiens structural maintenance of chromosomes 1B (SMC1B), mRNA.	GO:0005634|GO:0005694|GO:0005737|GO:0000775|GO:0000800|GO:0005694|GO:0007049|GO:0007126|GO:0051276|GO:0007062|GO:0007126|GO:0000166|GO:0005515|GO:0005524|GO:0003677|GO:0005515|GO:0005524	ACTCACACAGCTCCTCCACAGGAGACTTCTGGAGCAAGCAGGACCAGCCT	SMC1B
6330730	NM_003068.3	Homo sapiens snail homolog 2 (Drosophila) (SNAI2), mRNA.	GO:0005622|GO:0005634|GO:0000122|GO:0006350|GO:0006355|GO:0007275|GO:0007499|GO:0007605|GO:0009314|GO:0003677|GO:0008270|GO:0046872	AGGATTTCCCATAGGAAGAGATCTGCCAGACGCGAACTCAGGTGCCTTAA	SNAI2
4560228	NR_003026.1	Homo sapiens small nucleolar RNA, H/ACA box 1 (SNORA1), small nucleolar RNA.		AGGTTATGCTTCCATCACAGTATGCATATTGCAGTGGTGACAATGAGACC	SNORA1
4610201	NR_002327.1	Homo sapiens small nucleolar RNA, H/ACA box 10 (SNORA10), small nucleolar RNA.		ACGGGTCCAGTGTGTGCTTGGCGTGTTTTCAGGGAGGCAGAGAAAGGCTC	SNORA10
6510156	NR_002954.1	Homo sapiens small nucleolar RNA, H/ACA box 12 (SNORA12), small nucleolar RNA.		GACGGAGATATCTCTCTTAAGCCTTTCCTGCATCAGAGAATGGCTCCCAC	SNORA12
5390767	NR_002951.1	Homo sapiens small nucleolar RNA, H/ACA box 2B (SNORA2B), small nucleolar RNA.		CTGAATCAAGGCCAGCAGTTTGCTGAAGCTGTTGGTTTCAAGCAGGAGCC	SNORA2B
5490465	NR_002588.1	Homo sapiens small nucleolar RNA, H/ACA box 4 (SNORA4), small nucleolar RNA.		GCCAACTTGGGCTATTTGGAAGAGTAAAAGACCACACTCCACAGTGGGCT	SNORA4
6960438	NR_002974.1	Homo sapiens small nucleolar RNA, H/ACA box 42 (SNORA42), small nucleolar RNA.		CATAGCAAATGGCAGCCTCGAACCATTGCCCAGTCCCCTTACCTGTGGGC	SNORA42
4060025	NR_002984.1	Homo sapiens small nucleolar RNA, H/ACA box 56 (SNORA56), small nucleolar RNA.		AGGGAGTCAGTCTGCAACAGTAAGTGGTGAGTTCTTCTGTCCAGCGTCAG	SNORA56
4850711	NR_004390.1	Homo sapiens small nucleolar RNA, H/ACA box 57 (SNORA57), small nucleolar RNA.		ATGTCTTCGGTGCTGGCGGCTTCCCATCCGCTGGTTCTATCCTCAAACGC	SNORA57
3990497	NR_002987.1	Homo sapiens small nucleolar RNA, H/ACA box 61 (SNORA61), small nucleolar RNA.		CTCCTGATCCCTTTCCCATCGGATCTGAACACTGGTCTTGGTGGTCGTAA	SNORA61

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4200711	NR_002586.1	Homo sapiens small nucleolar RNA, H/ACA box 63 (SNORA63), small nucleolar RNA.		CTGTCTGCTATTCTCCTGTAGCAGCCAGGGACGCTTGGTCTCATACATGT	SNORA63
3180647	NR_002581.1	Homo sapiens small nucleolar RNA, H/ACA box 72 (SNORA72), small nucleolar RNA.		GACCATGCATGTGTCCCCAAACCTAGTTCTTTCCCTAGGTCTGGTTTCAT	SNORA72
1090196	NR_003021.2	Homo sapiens small nucleolar RNA, H/ACA box 79 (SNORA79), small nucleolar RNA.		GACTGTTCTTCCTGTTGCCTTCAGACCTGGCATTAGGATTTTAGGTCATC	SNORA79
5260280	NR_002996.2	Homo sapiens small nucleolar RNA, H/ACA box 80 (SNORA80), small nucleolar RNA.		AGCAAACTGTAGCCCTGAACCATTGCCTGGCCTCTGTTCCCGTAGGCTGC	SNORA80
6290091	NR_004380.1	Homo sapiens small nucleolar RNA, C/D box 104 (SNORD104), small nucleolar RNA.		ACGTGTTAGACTGCTGACGCGGGTGATGCGAACTGGAGTCTGAGCCTGCC	SNORD104
2710687	NR_003193.1	Homo sapiens small nucleolar RNA, C/D box 114-1 (SNORD114-1), small nucleolar RNA.		GACTGGTGGCGTATGAGTCATTGACGGTGAATACAGGTCTGGAAGTCTGA	SNORD114-1
6270731	NR_003140.1	Homo sapiens small nucleolar RNA, C/D box 117 (SNORD117), small nucleolar RNA.		AACAGGAGCACCTCAGTGCAAGGACGACTCTTATCTATCACCCATGACTG	SNORD117
3840091	NR_000018.1	Homo sapiens small nucleolar RNA, C/D box 35A (SNORD35A), small nucleolar RNA.		GATGTCCTTATCTCACGATGGTCTGCGGATGTCCCTGTGGGAATGGCGAC	SNORD35A
2510164	NR_006880.1	Homo sapiens small nucleolar RNA, C/D box 3A (SNORD3A), small nucleolar RNA.		CTGCAACTGCCGTCAGCCATTGATGATCGTTCTTCTCTCCGTATTGGGGA	SNORD3A
580161	NR_006881.1	Homo sapiens small nucleolar RNA, C/D box 3C (SNORD3C), small nucleolar RNA.		GAAGCCGGCTTTCTGGCGTTGCTTGGCTGCAACTGCCGTCAGCCATTGAT	SNORD3C
380685	NR_006882.1	Homo sapiens small nucleolar RNA, C/D box 3D (SNORD3D), small nucleolar RNA.		GTAGAGCACCGAAAACCCCGAGGAAGAGAGGTAGCGTTTTCTCCTGAGCG	SNORD3D
4210044	NR_000024.2	Homo sapiens small nucleolar RNA, C/D box 46 (SNORD46), small nucleolar RNA.		GAATCCTTAGGCGTGGTTGTGGCCGTCTTGGTCACCTGTGTGCCACTTGC	SNORD46

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2450020	NR_002739.1	Homo sapiens small nucleolar RNA, C/D box 56 (SNORD56), small nuclear RNA.		TTCGTCAACAGCAGTTCACCTAGTGAGTGTTGAGACTCTGGGTCTGAGTG	SNORD56
20543	NR_003059.1	Homo sapiens small nucleolar RNA, C/D box 71 (SNORD71), small nucleolar RNA.		TGTTGGAGGATGAAAGTACGGAGTGATCCATCGGCTAAGTGTCTTGTCAC	SNORD71
4390044	NR_002579.1	Homo sapiens small nucleolar RNA, C/D box 74 (SNORD74), small nucleolar RNA.		CCTGTGTTGGTAGGGACATCTGACAGTAATGATGAATGCCAACCGCTCTG	SNORD74
3870156	NR_003072.1	Homo sapiens small nucleolar RNA, C/D box 91A (SNORD91A), small nucleolar RNA.		CGTCTGAACCTGTCTGAAGCATCTCAGTGATGCAATCTCTGTGTGGTTCT	SNORD91A
1850273	NR_003077.1	Homo sapiens small nucleolar RNA, C/D box 99 (SNORD99), small nucleolar RNA.		AGTGGACATCCATGGATGAGAAATGCGGATATGGGACTGAGACCAGCTCC	SNORD99
3310037	NM_005634.2	Homo sapiens SRY (sex determining region Y)-box 3 (SOX3), mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0007417|GO:0009887|GO:0030900|GO:0048515|GO:0003677	GCCAATGTTAATTTATAGCCAGGTGTGCGTGTGTCTCCCGCCTCGCCGCC	SOX3
3370736	NM_003107.2	Homo sapiens SRY (sex determining region Y)-box 4 (SOX4), mRNA.	GO:0005634|GO:0006350|GO:0006355|GO:0003700	ACATGACAGGCACTAGGACGTCTGCCTTTTTAAGGCAGTTCCGTTAAGGG	SOX4
5310368	NM_014471.1	Homo sapiens serine peptidase inhibitor, Kazal type 4 (SPINK4), mRNA.	GO:0005576|GO:0005634|GO:0005634|GO:0004867|GO:0004867	GCGGCACTGATGGGCTCACATATACGAATGAATGCCAGCTCTGCTTGGCC	SPINK4
160433	NM_001010874.3	Homo sapiens steroid 5 alpha-reductase 2-like 2 (SRD5A2L2), mRNA.	GO:0005737|GO:0016020|GO:0016021|GO:0006629|GO:0016627	ACAGAGGATACTACAGGCTGGGAAAGCTGCAGCAAAGGGAGACTAGAGAG	SRD5A2L2
2070735	NM_018991.2	Homo sapiens stromal antigen 3-like 1 (STAG3L1), transcript variant 1, mRNA.	GO:0005488	GGATGTCCTTCCTGAGATCCGTGCTATCTGCATTGAGGAAATTGGGTGTT	STAG3L1
3710711	NM_001025202.2	Homo sapiens stromal antigen 3-like 2 (STAG3L2), mRNA.		TCCAGCTTCTGCTGTCCTTCTTTGTGGAGAGCAAGGTGACATACACAGAG	STAG3L2
6860138	NM_030795.2	Homo sapiens stathmin-like 4 (STMN4), mRNA.	GO:0007242	GAGCCTCCAGGCACCATGTTGAGGAGAGATGAAAACCAGGGCGGTAGAAC	STMN4

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5340692	NM_018387.2	Homo sapiens spermatid perinuclear RNA binding protein (STRBP), mRNA.	GO:0005622|GO:0005634|GO:0005737|GO:0015630|GO:0006928|GO:0007275|GO:0007283|GO:0007286|GO:0007638|GO:0030154|GO:0003677|GO:0003725|GO:0003727	CTGCTTTGTTGTAACACAGAGTACTGCCTGGTTCCTGATGCAGTCACTGA	STRBP
270347	NM_001017391.1	Homo sapiens sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4 (SULT1A4), transcript variant 3, mRNA.		CCGAAACCCAAAGGACGTGGCGGTCTCCTACTACCATTTCCACCGTATGG	SULT1A4
2690577	NM_014258.2	Homo sapiens synaptonemal complex protein 2 (SYCP2), mRNA.	GO:0000795|GO:0000795|GO:0005634|GO:0007049|GO:0007126|GO:0007128|GO:0007130|GO:0051301|GO:0003677|GO:0003677	GGATGAGAGGGAACCACTATAACATGAGTCCAAGCCCAGAAGACTTCTGT	SYCP2
870475	NM_014258.2	Homo sapiens synaptonemal complex protein 2 (SYCP2), mRNA.	GO:0000795|GO:0000795|GO:0005634|GO:0007049|GO:0007126|GO:0007128|GO:0007130|GO:0051301|GO:0003677|GO:0003677	GAAAGTGCTGCAAGACAGGCTTCTTAAGGACATGCTAGAAGAGGAGCTTC	SYCP2
540014	NM_003178.4	Homo sapiens synapsin II (SYN2), transcript variant IIb, mRNA.	GO:0030054|GO:0030672|GO:0045202|GO:0007268|GO:0007269|GO:0003824|GO:0005524	TCAGTCAGGCTACAGGGTGGTGTCAGTCAAGGTCTTTCAGGTGGGGGAGA	SYN2
6040433	NM_003179.2	Homo sapiens synaptophysin (SYP), mRNA.	GO:0008021|GO:0019717|GO:0030054|GO:0030285|GO:0031410|GO:0042734|GO:0045202|GO:0006810|GO:0016188|GO:0048499|GO:0005215|GO:0005509|GO:0005515|GO:0015485	GCCTGGTCTGGAGCCCCTATCCTGCACCCTCTGCTATGTCTGTGATGTCA	SYP
4810730	NM_020826.1	Homo sapiens synaptotagmin XIII (SYT13), mRNA.	GO:0005887|GO:0016020|GO:0030133|GO:0016192	CTGGGCACAGAGAATCAGCTAGGAGACCAGTTATTCAGGGTCCATTTCTC	SYT13
3180639	NM_020783.2	Homo sapiens synaptotagmin IV (SYT4), mRNA.	GO:0008021|GO:0016020|GO:0016021|GO:0030054|GO:0031410|GO:0043005|GO:0045202|GO:0048471|GO:0006810|GO:0007269|GO:0005215|GO:0005509	TGGAAGGAAGCATGGTGTGTGAGACAGTGTCTGTTCTTTTGTGCCAGCTC	SYT4
60017	NM_199048.1	Homo sapiens T1560 protein (T1560), mRNA.		CTCAGGGAACTCGGTTTTTGGAGACATGAGTCTGCTGATGCTCCTGACTG	T1560
3520768	NM_001008273.1	Homo sapiens transgelin 3 (TAGLN3), transcript variant 3, mRNA.	GO:0007417|GO:0007517	TTCCGCCGAGAATCCGCGTTGCCTACTGCTGCCACCTCCTGTTCATTTAG	TAGLN3

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4280192	NM_001003806.1	Homo sapiens TCR gamma alternate reading frame protein (TARP), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA.		AAAGAAGAGCAACACGATTCTGGGATCCCAGGAGGGGAACACCATGAAGA	TARP
770255	NM_004918.2	Homo sapiens T-cell leukemia/lymphoma 1B (TCL1B), transcript variant 1, mRNA.		CACAGTGGGGAGCATGGAGGGATGGGTTTGGCCTGTGCTTCTGCTTATTC	TCL1B
1770603	NM_001062.3	Homo sapiens transcobalamin I (vitamin B12 binding protein, R binder family) (TCN1), mRNA.	GO:0005576|GO:0006811|GO:0006824|GO:0015889|GO:0005524|GO:0015087|GO:0016887|GO:0031419|GO:0050897	TGAGTGGAGGCGAACCACTGAGCCAAGGAGCTGGTAGTTACGTTGTCCGC	TCN1
1410192	NM_153046.1	Homo sapiens tudor domain containing 9 (TDRD9), mRNA.	GO:0000166|GO:0003676|GO:0004386|GO:0005524|GO:0016787	CCAGGCTCCCTCCGCAGACTGACTTTCCTCTGTGTCTGGGTGTTACAGTC	TDRD9
1230672	NM_003225.2	Homo sapiens trefoil factor 1 (TFF1), mRNA.	GO:0005576|GO:0005975|GO:0007586|GO:0032355|GO:0008083	TCCTGGTGTCACGCCCTCCCAGTGTGCAAATAAGGGCTGCTGTTTCGACG	TFF1
4040632	NM_005423.3	Homo sapiens trefoil factor 2 (spasmolytic protein 1) (TFF2), mRNA.	GO:0005576|GO:0007586|GO:0007586	CACCCCCTCCCAAAGCAAGAGTCGGATCAGTGCGTCATGGAGGTCTCAGA	TFF2
4730376	NM_003235.4	Homo sapiens thyroglobulin (TG), mRNA.	GO:0005576|GO:0006590|GO:0007165|GO:0042446|GO:0005179	CCCCTGGCCTGACTTTGTACCCCGTGCTGGTGGAGAGAACTACAAGGAGT	TG
4900634	NM_004617.2	Homo sapiens transmembrane 4 L six family member 4 (TM4SF4), mRNA.	GO:0005624|GO:0005887|GO:0016020|GO:0006487|GO:0008285	GCTGCCTTGCTTGAGTTGCTTGTGACTGATCTTTTGAGGCTGTCATCATG	TM4SF4
4290209	NM_007267.5	Homo sapiens transmembrane channel-like 6 (TMC6), mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0016021	GACCCTGCTGGGACACCAGGACAAGGAAGACAGTTTCGCCTCTCGAAAGC	TMC6
940674	NM_001097620.1	Homo sapiens transmembrane protein 184A (TMEM184A), mRNA.	GO:0016020|GO:0016021	AGCTGTTGCACACTCACCTCCACACCCAACTCACAGGAAGCAAGGCTGGG	TMEM184A
3360762	XM_001128423.1	PREDICTED: Homo sapiens transmembrane protein 191B, transcript variant 2 (TMEM191B), mRNA.	GO:0016020|GO:0016021	TCCAGGAGCAGACCGTAGTCCTGCAGGTGCGGCCCCACTCAGACGCCAAG	TMEM191B
6180750	NM_001001663.1	Homo sapiens transmembrane protein 211 (TMEM211), mRNA.	GO:0016020|GO:0016021	AGCTGGCCCCACACAACCAAGGTCCAAGGGAGGACCATCATCTTCTCCAG	TMEM211

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2320168	NM_004262.2	Homo sapiens transmembrane protease, serine 11D (TMPRSS11D), mRNA.	GO:0005576|GO:0005886|GO:0005887|GO:0006508|GO:0007585|GO:0004252|GO:0008233	TTCCTCCTTCTACAAGCTAACTCCCTGCATCTGGGCATCAGGACTGCTCC	TMPRSS11D
6980470	NM_032405.1	Homo sapiens transmembrane protease, serine 3 (TMPRSS3), transcript variant D, mRNA.	GO:0005783|GO:0005789|GO:0016020|GO:0016021|GO:0016021|GO:0006508|GO:0006883|GO:0007605|GO:0004252|GO:0004252|GO:0005044|GO:0008233|GO:0017080	TACATCTGGGTCTCTATGTGGTTCTGCAGCTCTTCCTTTGTTTCAAGAGG	TMPRSS3
2640301	NM_000594.2	Homo sapiens tumor necrosis factor (TNF superfamily, member 2) (TNF), mRNA.	GO:0005615|GO:0005886|GO:0001891|GO:0005576|GO:0005615|GO:0005886|GO:0005886|GO:0005886|GO:0005886|GO:0009897|GO:0016021|GO:0055037|GO:0000122|GO:0001932|GO:0006006|GO:0006959|GO:0007275|GO:0008625|GO:0009887|GO:0042127|GO:0042742|GO:0043123|GO:0045123|GO:0045670|GO:0045941|GO:0045944|GO:0045994|GO:0046325|GO:0046330|GO:0051023|GO:0051798|GO:0000060|GO:0000122|GO:0000187|GO:0001934|GO:0002439|GO:0002740|GO:0006006|GO:0006916|GO:0006919|GO:0006927|GO:0006954|GO:0006959|GO:0007275|GO:0008625|GO:0009615|GO:0009887|GO:0016481|GO:0032715|GO:0032722|GO:0032800|GO:0033209|GO:0042127|GO:0042346|GO:0042742|GO:0043123|GO:0043193|GO:0045071|GO:0045080|GO:0045429|GO:0045670|GO:0045941|GO:0045944|GO:004	CCGTGAAAACGGAGCTGAACAATAGGCTGTTCCCATGTAGCCCCCTGGCC	TNF
6100484	NM_003282.2	Homo sapiens troponin I type 2 (skeletal, fast) (TNNI2), mRNA.	GO:0005634|GO:0005861|GO:0016469|GO:0003009|GO:0045941|GO:0003779|GO:0005515|GO:0015078|GO:0031014	TGCCCGGCTCCCAGCAGAACATACTAGGGAGATGCACCCAGAGCCTGCCA	TNNI2
6060376	NM_016212.2	Homo sapiens TP53 target 3 (TP53TG3), mRNA.		TCACGTGTCTTCACGCATCCCTTGAATTGGAAATTGTGCCCTGGAGACTG	TP53TG3
2570161	NM_005079.2	Homo sapiens tumor protein D52 (TPD52), transcript variant 3, mRNA.	GO:0005737|GO:0005737|GO:0005783|GO:0048471|GO:0009653|GO:0030183|GO:0046903|GO:0005509|GO:0042803|GO:0046982	GTTTGTAAGTTCTCAGAGAGTCGGGTCTGCAAGTGCTTTTGCCTGCCAGG	TPD52

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990441	NM_175720.1	Homo sapiens thyroid peroxidase (TPO), transcript variant 3, mRNA.	GO:0005575|GO:0005575|GO:0005737|GO:0005739|GO:0005887|GO:0016020|GO:0006590|GO:0006979|GO:0006590|GO:0006979|GO:0006590|GO:0006979|GO:0042446|GO:0042744|GO:0055114|GO:0004601|GO:0020037|GO:0004447|GO:0004447|GO:0005506|GO:0005509|GO:0016491|GO:0020037	CTGGCCTTTTCTTGTAAACATTGCCTGATTTGTTCCTTCTGGGGCTTTGC	TPO
4730564	NM_015294.2	Homo sapiens tripartite motif-containing 37 (TRIM37), transcript variant 1, mRNA.	GO:0005622|GO:0005737|GO:0005777|GO:0005622|GO:0005622|GO:0005515|GO:0008270|GO:0046872|GO:0005515|GO:0008270|GO:0008270	TGCCGTCAGTAACCCGCCCGGCATTGGTGCTCTACTGTCTTTGGCTAGAG	TRIM37
4890092	NM_207346.2	Homo sapiens tRNA splicing endonuclease 54 homolog (S. cerevisiae) (TSEN54), mRNA.	GO:0005634|GO:0006397|GO:0008033	CTGTTCTCAGGGACCATCTCGGCTGCCTCCTGTACCCAGACTCTAACCTG	TSEN54
430300	NM_000369.2	Homo sapiens thyroid stimulating hormone receptor (TSHR), transcript variant 1, mRNA.	GO:0016021|GO:0005886|GO:0005887|GO:0007186|GO:0007165|GO:0007187|GO:0007189|GO:0007267|GO:0008284|GO:0008344|GO:0030183|GO:0040012|GO:0040018|GO:0005515|GO:0016500|GO:0004872|GO:0004996|GO:0005515	CATAGACCCTGATGCCCTCAAAGAGCTCCCCCTCCTAAAGTTCCTTGGCA	TSHR
3850326	NM_022573.2	Homo sapiens testis specific protein, Y-linked 2 (TSPY2), mRNA.	GO:0005634|GO:0005634|GO:0005737|GO:0006334|GO:0006334|GO:0007275|GO:0007283|GO:0007506|GO:0030154	GTTACAGCCATATGCAGGACAGCAGTACTCAGCATGGTCTTATGCACAGG	TSPY2
2030709	NM_000371.1	Homo sapiens transthyretin (prealbumin, amyloidosis type I) (TTR), mRNA.	GO:0005576|GO:0006590|GO:0006810|GO:0005179|GO:0005496|GO:0016918|GO:0019841	CCCATTCCATGAGCATGCAGAGGTGGTATTCACAGCCAACGACTCCGGCC	TTR
5260253	NM_000372.4	Homo sapiens tyrosinase (oculocutaneous albinism IA) (TYR), mRNA.	GO:0005737|GO:0005764|GO:0005798|GO:0016020|GO:0016021|GO:0033162|GO:0048471|GO:0006583|GO:0006726|GO:0007601|GO:0007605|GO:0008283|GO:0043473|GO:0055114|GO:0004497|GO:0004503|GO:0005507|GO:0005515|GO:0042803|GO:0046872|GO:0046982	GCAGCCACTCCTCATGGAGAAAGAGGATTACCACAGCTTGTATCAGAGCC	TYR

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6040731	NM_000550.1	Homo sapiens tyrosinase-related protein 1 (TYRP1), mRNA.	GO:0005634|GO:0005737|GO:0005886|GO:0016021|GO:0033162|GO:0006582|GO:0006583|GO:0030318|GO:0032438|GO:0043438|GO:0043473|GO:0055114|GO:0004497|GO:0005507|GO:0005515|GO:0042803|GO:0046872|GO:0046982	GTCTCTTCTAACATCTTAGAGGTCCATGGAGAAGGCATATGGAGAACATG	TYRP1
6420605	NM_006398.2	Homo sapiens ubiquitin D (UBD), mRNA.	GO:0006464|GO:0006508|GO:0006511|GO:0006464	CCTCCTCCAGGTGCGAAGGTCCAGCTCAGTGGCACAAGTGAAAGCAATGA	UBD
4250367	NR_015379.2	Homo sapiens urothelial cancer associated 1 (non-protein coding) (UCA1), non-coding RNA.		TCCTCGGCTTAGTGGCTGAAGACTGATGCTGCCCGATCGCCTCAGAAGCC	UCA1
3930086	NM_017859.2	Homo sapiens uridine-cytidine kinase 1-like 1 (UCKL1), mRNA.	GO:0005634|GO:0005634|GO:0005737|GO:0005737|GO:0005783|GO:0008152|GO:0044419|GO:0000166|GO:0004849|GO:0005524|GO:0016301|GO:0016740|GO:0016773|GO:0005524|GO:0016301|GO:0016773|GO:0016301	TGCTCATGGCAGAGATGGGCGTGCACTCAGTGGCCTATGCATTTCCGCGA	UCKL1
6580059	NM_003355.2	Homo sapiens uncoupling protein 2 (mitochondrial, proton carrier) (UCP2), nuclear gene encoding mitochondrial protein, mRNA.	GO:0005739|GO:0005743|GO:0016020|GO:0016021|GO:0006810|GO:0006839|GO:0015992|GO:0005215|GO:0005488	AGGCTCCCTTCTGAGCCTCTCCTGCTGCTGACCTGATCACCTCTGGCTTT	UCP2
1070088	NM_019075.2	Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A10 (UGT1A10), mRNA.	GO:0005575|GO:0005783|GO:0005789|GO:0005792|GO:0016020|GO:0016021|GO:0008152|GO:0008152|GO:0015020|GO:0016758	CCTCTTTCCTATGTCCCCAATGATCTCTTAGGGTTCTCAGATGCCATGAC	UGT1A10
6370703	NM_001072.3	Homo sapiens UDP glucuronosyltransferase 1 family, polypeptide A6 (UGT1A6), transcript variant 1, mRNA.	GO:0005783|GO:0005789|GO:0005792|GO:0016020|GO:0016021|GO:0008152|GO:0006805|GO:0008152|GO:0016758|GO:0015020	GGCCGGTCATGCCCAACATGGTCTTCATTGGAGGTATCAACTGTAAGAAG	UGT1A6
6860392	NM_001077.2	Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B17 (UGT2B17), mRNA.	GO:0005624|GO:0005783|GO:0005789|GO:0005792|GO:0016020|GO:0016021|GO:0008152|GO:0008202|GO:0015020	ATAAAGGAGCCAAGCACCTTCGGGTCGCAGCCCACAACCTCACCTGGATC	UGT2B17
2190408	NM_007000.2	Homo sapiens uroplakin 1A (UPK1A), mRNA.	GO:0005783|GO:0005886|GO:0005886|GO:0016021|GO:0030855|GO:0051259|GO:0005515|GO:0042803|GO:0048029	GAGTTCTGTCACGGTCACTTTACTGTCCCCATCATCACCCAGCACGGGGC	UPK1A
3390215	NM_198152.2	Homo sapiens urotensin 2 domain containing (UTS2D), mRNA.	GO:0005576|GO:0005179	GGAAGGCGCCTGTCCATATGGATAAGATAGGGTTGTAAACGTCCTCATCT	UTS2D

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7000619	NM_005428.2	Homo sapiens vav 1 guanine nucleotide exchange factor (VAV1), mRNA.	GO:0005622|GO:0005737|GO:0043231|GO:0006909|GO:0006955|GO:0007229|GO:0007242|GO:0035023|GO:0043087|GO:0045785|GO:0003700|GO:0005085|GO:0005515|GO:0008270|GO:0019992|GO:0030676|GO:0046872	TCAAGATCCTTAACAAGAAGGGACAGCAAGGCTGGTGGCGAGGGGAGATC	VAV1
5420189	NM_013452.2	Homo sapiens variable charge, X-linked (VCX), mRNA.	GO:0005634|GO:0005730|GO:0006325|GO:0007283|GO:0042255|GO:0003682|GO:0005515	GAACCACTGAGTCAGGAGAGCCAGGTGGAGGAACCACCGAGTCAGGAGAG	VCX
5570181	NM_001001888.1	Homo sapiens variably charged X-C (VCX-C), mRNA.		GGTGGAGGAACCACTGAGTCAGGAGAGCGAGATGGAAGAACCACTGAGTC	VCX-C
5810730	NM_016378.2	Homo sapiens variable charge, X-linked 2 (VCX2), mRNA.	GO:0005575|GO:0008150|GO:0003674	GGTATATACAGGGAGGCCAGGCAGCCTGGAGTTAGTCGACCGTTGCGAGA	VCX2
5900228	NM_016378.2	Homo sapiens variable charge, X-linked 2 (VCX2), mRNA.	GO:0005575|GO:0008150|GO:0003674	CGACCGTTGCGAGACGTTGAGCTGCGGAAGATGAGTCCAAAGCCGAGAGC	VCX2
5360601	NM_016379.2	Homo sapiens variable charge, X-linked 3A (VCX3A), mRNA.	GO:0005634|GO:0005730|GO:0007283|GO:0007399|GO:0007420	GCCAGGTGGAGGAACCACTGAGTCAGGAGAGCGAGATGGAAGAACTACCG	VCX3A
7610524	NM_004679.2	Homo sapiens variable charge, Y-linked (VCY), mRNA.		CCTGGAGTTAGTCGACCGTTGCGAGACGTTGAGCTGCGGCAGATGAGTCC	VCY
2850619	NM_003378.2	Homo sapiens VGF nerve growth factor inducible (VGF), mRNA.	GO:0005576|GO:0005615|GO:0031410|GO:0001541|GO:0006091|GO:0019953|GO:0051591|GO:0003674|GO:0005184|GO:0008083	TAATTGTGTGAAGTGTGTCTGTCTCCAGCCCTTCGGGCCTCCCACGAGCC	VGF
3130372	NM_003381.2	Homo sapiens vasoactive intestinal peptide (VIP), transcript variant 1, mRNA.	GO:0005576|GO:0005576|GO:0007186|GO:0007589|GO:0008284|GO:0005184|GO:0005179	CTTCGGCATGGCCTCTTTACAGGGCACCTTCTGCTCTCAGGTTGGGTGAC	VIP
5910414	NM_182546.1	Homo sapiens V-set and transmembrane domain containing 2 (VSTM2), mRNA.		GCATCCCATTGCCAGCCTTGCTGTCAGATTCAAAATTGCTTTTTCTAGAG	VSTM2
5870091	NM_182546.2	Homo sapiens V-set and transmembrane domain containing 2A (VSTM2A), mRNA.	GO:0005576	ATGGCTCTGCCAACCAACGAACGCACTCCACCTCCAGCCCTCAAGTGGTA	VSTM2A

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1090008	NM_000638.3	Homo sapiens vitronectin (VTN), mRNA.	GO:0005576|GO:0005578|GO:0005615|GO:0006955|GO:0007155|GO:0007160|GO:0003824|GO:0005515|GO:0008201|GO:0046872	TGGGAGCCAACAACTATGATGACTACAGGATGGACTGGCTTGTGCCTGCC	VTN
70451	NM_000377.1	Homo sapiens Wiskott-Aldrich syndrome (eczema-thrombocytopenia) (WAS), mRNA.	GO:0005634|GO:0005737|GO:0012506|GO:0015629|GO:0006461|GO:0006952|GO:0006955|GO:0007596|GO:0008544|GO:0016197|GO:0030041|GO:0030048|GO:0042110|GO:0005083|GO:0042802	TGCTGTTATCCCTGCCTGGTCCTCACACTCACCCAACAATCCCAAGGCCC	WAS
3710026	NM_001083961.1	Homo sapiens WD repeat domain 62 (WDR62), transcript variant 1, mRNA.		CACCTTCCAAGAAGCCCTCGACCTTTACCGTGTGTTGGTCTCCAGTGGCC	WDR62
4260286	NM_144668.4	Homo sapiens WD repeat domain 66 (WDR66), mRNA.		TCCCGAGGGATGGAAATCCGAGCCTGCAACCTGCTCCGTCAAAGGTTCAG	WDR66
2810451	NM_182758.1	Homo sapiens WD repeat domain 72 (WDR72), mRNA.		GAGATATGGGTGCCCTTTTGTACGTCTAGGCCTAGGTAACCAGTGGAGTG	WDR72
5700431	NM_145294.4	Homo sapiens WD repeat domain 90 (WDR90), mRNA.		GCGCCAGGTTGTCAATGGCCTCATGCTGGGACAGGCCAGGATTCACGTAA	WDR90
1240746	NM_080614.1	Homo sapiens WAP four-disulfide core domain 3 (WFDC3), mRNA.	GO:0005576|GO:0005576|GO:0005576|GO:0004867|GO:0030414|GO:0030414	TGTGGCCGCTTCTGTGTCCCACCAGTCCTGCCCCCAAAACTGACCATGAA	WFDC3
2710343	NM_025216.2	Homo sapiens wingless-type MMTV integration site family, member 10A (WNT10A), mRNA.	GO:0005576|GO:0005578|GO:0007223|GO:0007275|GO:0004871	CCACACCCTAAAACAAGCCTCAGCCAGGCAACCCGTCAGTCTGTCTCCAT	WNT10A
6840202	NM_030761.3	Homo sapiens wingless-type MMTV integration site family, member 4 (WNT4), mRNA.	GO:0005576|GO:0005576|GO:0005578|GO:0005576|GO:0005578|GO:0007223|GO:0007275|GO:0007223|GO:0007275|GO:0001838|GO:0007223|GO:0007267|GO:0007275|GO:0007276|GO:0007548|GO:0008584|GO:0008585|GO:0009887|GO:0040037|GO:0042445|GO:0045596|GO:0048599|GO:0048856|GO:0051145|GO:0004871|GO:0004871|GO:0004871|GO:0005201|GO:0005515	CCTGCGCCGGCAACCACCTAGTGGCCCAGGGAAGGCCGATAATTTAAACA	WNT4

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6940431	NM_015253.1	Homo sapiens WSC domain containing 1 (WSCD1), mRNA.	GO:0016020|GO:0016021	CCTGGACTAAGCCAATGACACCTTCCATCTTTCCAGCTATGGTGACTGGG	WSCD1
4490743	NM_133431.1	Homo sapiens X antigen family, member 1 (XAGE1), transcript variant 2, mRNA.		GGAACGCGGCGGAGCTGTGAGCCGGCGACTCGGGTCCCTGAGGTCTGGAT	XAGE1
4810632	NM_001097593.1	Homo sapiens X antigen family, member 1A (XAGE1A), transcript variant 3, mRNA.		AAAGAAGAACCAGCAGCTGAAAGTCGGGATCCTACACCTGGGCAGCAGAC	XAGE1A
5220753	NM_001097595.1	Homo sapiens X antigen family, member 1B (XAGE1B), transcript variant 1, mRNA.		TGCGCGACATGGAAGGTGATCTGCAAGAGCTGCATCAGTCAAACACCGGG	XAGE1B
6200091	NM_001097597.1	Homo sapiens X antigen family, member 1C (XAGE1C), transcript variant 2, mRNA.		AGTAATGGAGAGCCCCAAAAAGAAGAACCAGCAGCTGAAAGTCGGGATCC	XAGE1C
2690279	NM_173798.2	Homo sapiens zinc finger, CCHC domain containing 12 (ZCCHC12), mRNA.	GO:0006350|GO:0006355|GO:0003676|GO:0008270|GO:0046872	CCCTGCAGCCTACGGGTCTGTTTTCTGTGTGTGCCCATTTCCTTGACAGC	ZCCHC12
6590523	NM_173570.2	Homo sapiens zinc finger, DHHC-type containing 23 (ZDHHC23), mRNA.	GO:0008270|GO:0046872	ACTGGTCTAGCAACATTAAGGGGGATTTCTGAAGCCAACTCCGGAGGCTG	ZDHHC23
670414	NM_003413.2	Homo sapiens Zic family member 3 heterotaxy 1 (odd-paired homolog, Drosophila) (ZIC3), mRNA.	GO:0005622|GO:0005634|GO:0005622|GO:0006350|GO:0006355|GO:0007368|GO:0001947|GO:0007368|GO:0007389|GO:0009952|GO:0045944|GO:0003677|GO:0008270|GO:0046872|GO:0003676|GO:0008270	AGGCTTAAGTACCTCCTTTAAGGGGCAATGCTCTAGGTTTTTGGTGGCAG	ZIC3
4490288	NM_032153.3	Homo sapiens Zic family member 4 (ZIC4), mRNA.	GO:0005622|GO:0005634|GO:0003677|GO:0008270|GO:0046872	GTGCTGGTCCCCCTACTCTGTGTGTGCTGAATAAATGGCTTGTAAAGAAG	ZIC4
6580717	NM_032265.1	Homo sapiens zinc finger, MYND-type containing 15 (ZMYND15), transcript variant 2, mRNA.	GO:0008270|GO:0046872	CCGGCGGAAATGAATGCTGATACCCTAGTAGTCCCCAGCTCCCAAACACT	ZMYND15
5560411	NM_012256.2	Homo sapiens zinc finger protein 212 (ZNF212), mRNA.	GO:0005622|GO:0005634|GO:0006350|GO:0006355|GO:0003677|GO:0008270|GO:0042802|GO:0046872	CAGATGGCTTGTCTCAGGAGTGTTGAATGTGTGCCCCGCTGCTGTCTGGG	ZNF212

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
1170154	NM_032924.3	Homo sapiens zinc finger protein 3 (ZNF3), transcript variant 2, mRNA.	GO:0005622|GO:0005634|GO:0005730|GO:0005622|GO:0005622|GO:0005634|GO:0005634|GO:0005730|GO:0006355|GO:0006355|GO:0006350|GO:0006355|GO:0007275|GO:0030154|GO:0045321|GO:0003676|GO:0008270|GO:0046872|GO:0003676|GO:0003700|GO:0008270|GO:0042802|GO:0046872	CGCCTGCAATGAATGTGGGAAGGCCTTCAGCAGGAGCTCAACCCTTATTC	ZNF3
3290152	NM_032924.3	Homo sapiens zinc finger protein 3 (ZNF3), transcript variant 2, mRNA.	GO:0005622|GO:0005634|GO:0005730|GO:0005622|GO:0005622|GO:0005634|GO:0005634|GO:0005730|GO:0006355|GO:0006355|GO:0006350|GO:0006355|GO:0007275|GO:0030154|GO:0045321|GO:0003676|GO:0008270|GO:0046872|GO:0003676|GO:0003700|GO:0008270|GO:0042802|GO:0046872	AGCTAGTAACCGGCTGTGAGGGAGAGGGTCAGAAGCACTTAGCGTTGGCC	ZNF3
3310592	NM_032164.2	Homo sapiens zinc finger protein 394 (ZNF394), mRNA.	GO:0005622|GO:0005634|GO:0005634|GO:0005622|GO:0005634|GO:0006355|GO:0006350|GO:0006355|GO:0003676|GO:0008270|GO:0046872|GO:0003700|GO:0003700|GO:0008270|GO:0046872	GAATTCATCAAAATAAAGTGCTGTCGGCTGGGCGTGGTGGCTCACGCCTA	ZNF394
3450750	NM_153263.1	Homo sapiens zinc finger protein 549 (ZNF549), mRNA.	GO:0005622|GO:0005634|GO:0006350|GO:0006355|GO:0003677|GO:0008270|GO:0046872	TTGTCTTAGAAATATGTGTGTATAGGCTGGGTGCGGTGGCTCATGCCTGT	ZNF549
3400070	NM_003416.1	Homo sapiens zinc finger protein 7 (ZNF7), mRNA.	GO:0005622|GO:0005622|GO:0005634|GO:0006355|GO:0006350|GO:0006355|GO:0007275|GO:0003676|GO:0003677|GO:0008270|GO:0046872	AGGGCCCAGTGGTTTTACGAATATGGGAATGCCCTGGAAGGGTCCACCTT	ZNF7
20603	NM_144566.1	Homo sapiens zinc finger protein 700 (ZNF700), mRNA.	GO:0005622|GO:0005634|GO:0006350|GO:0006355|GO:0003677|GO:0008270|GO:0046872	GTGCCTCGCACCTTCAACGGCATGGAAGGGTTCACACTTGGGAGAAACTC	ZNF700
6580113	NM_175056.1	Homo sapiens zona pellucida-like domain containing 1 (ZPLD1), mRNA.	GO:0016020|GO:0016021	GGAACGGCTGCTGTTTCAGCTGTTGGCCTTTTCAATTCTATACTCCATTT	ZPLD1
5870008	X00437	Human mRNA for T-cell specific protein		GGAGCTTCTAACCCGTCATGGTTCAATACACATTCTTCTTTTGCCAGCGC	

ProbeID	Accession	Definition	GO(Avadis)	Probe_Sequence	Symbol
7050201	BF663883	602145539F1 NIH_MGC_48 Homo sapiens cDNA clone IMAGE:4309424 5, mRNA sequence		CCCACCTCGATTCAGT GGCAGCGGGTATGGA ACAGATTTTACCCTCAC AA	
150735	BX117204	BX117204 NCI_CGAP_Kid12 Homo sapiens cDNA clone IMAGp998G125957, mRNA sequence		TAGGTCCGGCTCTGGG CCACCGTGTATGATCC TGGGCAAGTCACTTCT TT	
510066	AK024399	Homo sapiens cDNA FLJ14337 fis, clone PLACE4000494		GAGTATCAGAATCACC TGGAAGGGCTTTTACA GATTGCTGGCCCCACC CC	
1470162	CA849062	ir69h03.y1 HR85 islet Homo sapiens cDNA clone IMAGE:6607902 5, mRNA sequence		TGTCCTCGCTATGAGA TTTCCCACCACCCACGC TGGTGTTCACATCTAG C	
3520168	BU536065	AGENCOURT_10229596 NIH_MGC_141 Homo sapiens cDNA clone IMAGE:6563923 5, mRNA sequence		TTCCAGGGCACGAGTT CGAGGCCAGCCTGGTC CACATGGGTCGGaaaa aa	
1980538	BX537518	Homo sapiens mRNA; cDNA DKFZp686N1989 (from clone DKFZp686N1989)		GGCCACCTATTTTGAA ACGCACACCTTTGCCA TGAAGTCTGTTGTTGC AT	
5820026	AW817811	PM0-ST0264-161199-001-b06 ST0264 Homo sapiens cDNA, mRNA sequence		AGTGACATGGGTCCTT GGTGATGAGGGAGCA CAGAGCCACTTGCAGA GAG	

Table 2

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
4850086	48	59	49	45	45	45	43	62	49	51	37	41	37	41
6110592	68	62	58	61	37	48	82	50	61	50	49	80	37	75
3190082	49	51	49	45	55	55	50	53	49	49	65	48	59	55
1450100	41	52	50	48	50	51	47	45	44	46	63	45	37	50
5490382	36	35	42	42	53	44	45	41	39	37	48	43	46	47
3520709	72	112	77	94	62	114	89	84	104	87	87	84	64	71
3120681	42	49	45	47	50	44	58	37	53	46	48	44	41	41
2030161	262	172	117	155	69	57	57	87	63	64	123	105	66	63
270709	64	72	74	75	70	52	61	70	72	75	82	68	68	61
2320377	49	48	43	49	43	38	45	43	45	37	69	46	45	43
1260270	87	149	90	109	1259	174	371	1368	785	2291	81	85	73	70
2760274	48	50	51	50	57	45	43	46	47	53	53	46	49	47
2650736	50	46	36	50	50	46	54	54	46	52	56	47	50	42
5910010	84	78	72	88	72	69	77	78	85	73	475	275	70	77
5310524	94	96	140	121	132	144	78	162	178	201	229	329	251	266
3780156	53	65	55	53	39	44	53	49	57	51	51	55	53	50
1050561	72	77	75	77	79	77	70	83	65	78	66	69	81	67
2480040	44	46	45	47	55	57	45	68	53	51	42	41	57	45
5910309	38	46	44	41	40	42	34	52	46	36	40	38	42	38
5810050	61	45	55	54	321	396	76	422	773	349	340	145	285	160
1030184	47	53	50	44	49	53	49	45	47	51	43	52	43	46
3460279	45	48	50	41	50	55	45	51	51	45	51	43	43	48
4570364	163	96	88	72	112	87	80	88	97	75	125	74	178	113
6380020	92	68	73	82	65	58	61	67	74	71	208	56	80	60
3780468	76	66	55	55	61	53	50	67	52	72	57	63	47	67
240541	50	50	52	50	54	45	43	47	42	45	52	46	39	52
2630010	59	51	61	54	51	54	49	51	61	49	63	58	58	64
1740669	35	38	40	35	34	40	39	37	42	36	42	34	40	47
2340577	39	47	40	54	111	58	107	45	42	37	77	52	45	48
1850521	74	58	66	62	62	58	73	50	65	58	46	71	60	73
2650594	50	48	45	46	921	1002	1193	826	615	795	366	475	495	133
130110	50	47	45	45	52	36	49	44	45	45	233	117	130	81
4830376	49	57	48	56	54	51	54	50	45	47	49	50	47	53
7200435	50	53	51	56	98	182	544	55	45	56	205	88	119	71
6290239	70	72	88	74	59	55	61	62	67	56	66	57	63	75
2480241	257	137	124	120	312	223	212	304	228	310	219	228	142	273
5080561	457	433	476	464	288	184	88	345	275	349	482	292	252	576
1770253	36	36	37	41	41	37	42	49	45	48	62	44	47	51
6280440	62	32	47	41	40	47	58	43	90	96	40	55	38	35
3450347	39	46	42	39	43	48	49	57	42	40	39	51	48	44
3170100	78	210	124	119	44	48	38	44	45	47	45	40	34	40

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
2600554	86	1630	147	116	71	64	57	60	83	72	68	64	79	64
2510253	299	579	361	353	40	218	43	54	202	48	51	67	91	57
7570477	514	283	262	280	777	1087	354	774	1512	704	281	254	206	306
7510424	359	312	347	264	1059	1228	681	1019	1975	1072	308	314	305	470
6040452	72	107	175	176	53	65	62	55	69	71	49	53	55	63
1850068	154	169	117	106	166	165	118	154	211	171	367	784	440	784
6110440	85	74	95	77	73	65	69	70	84	69	81	63	84	80
6960035	54	50	72	79	55	42	35	42	45	49	42	46	42	35
7050215	44	38	43	42	51	48	49	44	41	36	43	47	47	46
1710242	622	269	246	288	247	952	501	347	392	273	1790	442	1535	822
4890670	110	133	170	156	88	126	61	76	82	86	77	84	67	83
4540468	53	63	62	64	57	49	67	65	55	54	52	56	67	65
6510360	504	339	269	243	212	156	146	244	353	219	149	321	232	113
6110102	66	230	170	194	48	44	50	46	52	59	47	112	38	46
6110152	44	50	45	42	43	47	39	52	35	52	48	43	52	47
2490044	178	130	168	204	207	168	184	237	213	219	243	213	184	201
1070224	52	48	43	46	55	54	46	60	53	45	49	41	44	48
2070377	62	69	63	63	71	64	67	75	79	57	66	53	68	68
2000128	44	43	47	36	42	43	41	53	48	42	46	44	42	39
6100241	41	36	44	40	42	37	43	41	36	36	40	44	52	43
6420689	57	56	50	60	62	74	68	62	55	57	62	56	45	57
6060347	57	59	57	53	47	44	45	42	57	50	60	43	54	59
6040156	78	181	84	78	78	65	75	62	70	66	82	75	81	140
3870593	69	75	77	55	69	65	71	66	63	103	78	72	74	73
3610180	48	57	43	46	50	41	49	44	45	34	47	43	47	41
6450403	40	42	36	42	43	42	38	47	43	45	45	42	43	42
4260280	75	74	66	76	77	67	72	62	72	72	72	67	56	64
6650215	93	123	80	107	60	63	82	71	66	80	77	69	100	82
2190139	40	45	45	45	43	41	46	80	243	50	47	170	181	18409
4850170	41	44	45	44	40	41	40	42	44	40	48	49	52	44
5310343	1075	1439	1109	1135	47	57	50	51	48	45	57	46	59	47
3710176	178	104	80	74	73	80	88	100	82	94	95	90	67	77
1450671	229	282	204	227	530	606	106	1147	1091	946	134	158	156	80
3830598	47	47	48	50	43	54	49	53	46	59	47	44	47	51
3830170	60	56	55	87	359	372	456	563	1267	371	239	317	237	209
5340348	64	59	59	64	79	73	51	57	58	65	59	79	47	87
780356	68	57	62	58	87	65	69	74	57	63	60	63	60	69
5360070	1661	1759	1927	2036	56	75	55	48	55	51	1386	1604	113	3083
6250672	50	67	59	60	51	43	55	54	54	56	51	51	57	44
580100	58	55	63	56	100	62	60	59	65	62	110	69	59	63
7210136	60	59	151	178	4748	117	63	4184	3989	5517	450	75	163	154

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
1170671	47	42	50	37	68	5963	274	288	56	46	132	142	50	114
1580411	36	46	40	44	60	5491	215	313	63	63	148	146	45	122
20129	77	94	107	108	9987	8244	7084	7359	5744	7295	1653	634	3447	795
4220068	68	75	76	85	220	69	72	399	270	305	68	395	73	73
3940504	127	84	81	95	8937	511	192	7208	6462	6360	1219	96	789	505
770167	102	198	175	159	7359	751	294	4003	4796	5176	2891	192	1755	1019
4200451	191	155	267	278	59	50	46	45	44	46	144	197	42	214
3460152	214	252	294	301	53	41	39	44	39	44	140	230	41	229
2940398	442	204	341	343	46	48	37	44	49	53	223	185	53	383
2260424	61	65	70	73	74	67	62	73	70	68	71	58	67	91
1260025	506	598	462	488	542	588	517	610	689	683	465	350	434	500
5260014	583	575	559	597	56	68	56	45	43	49	569	809	67	1443
2360632	72	69	68	71	67	64	62	59	81	69	50	75	74	72
6350437	276	340	485	382	56	96	67	239	512	288	171	176	70	53
4920019	99	70	94	85	111	71	74	87	61	88	79	76	68	65
7050053	70	66	70	57	58	56	55	70	66	53	178	53	60	78
2350730	67	66	55	75	63	75	47	64	70	48	59	75	64	75
6860446	82	130	100	80	95	68	78	88	128	69	80	92	72	71
6840609	79	114	80	94	66	75	65	86	72	80	71	72	63	63
5270022	54	58	61	57	55	48	50	50	41	48	52	41	40	45
2650484	42	50	41	40	46	39	49	41	42	45	43	43	46	47
5550372	69	69	68	71	70	78	62	69	70	70	56	67	60	69
1580487	547	830	564	621	896	421	102	1038	895	910	380	400	58	72
6420356	73	56	62	64	38	51	37	44	37	45	42	46	47	37
5290711	45	43	42	41	52	49	43	50	45	39	43	59	44	52
780528	2315	2740	4200	4208	337	219	302	164	275	166	2637	2754	1262	3744
5670722	76	79	64	73	62	60	75	80	67	89	74	74	76	72
3780291	59	108	144	154	527	631	239	574	575	566	664	268	973	412
2650673	41	43	48	42	38	40	43	48	46	43	40	42	44	43
7160376	71	78	69	83	61	65	66	67	72	64	60	56	66	74
6370414	48	40	43	42	863	136	176	1408	771	1809	107	161	46	59
670398	326	458	261	250	65	75	75	115	111	57	78	62	97	80
10187	273	285	560	526	982	489	1358	996	791	855	683	327	465	327
6100139	49	45	47	41	46	45	49	64	64	69	47	54	43	48
3390372	58	45	85	80	43	43	44	40	46	45	36	41	46	39
1450392	41	48	38	46	53	52	55	51	49	43	47	55	47	43
4010136	57	198	145	151	58	46	66	58	68	53	58	62	60	52
5390113	76	76	111	70	2563	2548	2137	1649	1526	1540	731	971	598	308
580754	47	46	47	44	53	47	38	51	51	54	39	49	40	46
2260445	54	55	56	64	78	60	52	62	75	57	65	60	71	74
1170047	63	155	113	90	3731	3514	3269	2595	4169	3774	624	482	2522	296

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
5860048	172	71	85	75	203	190	191	172	397	206	134	131	155	232
360296	795	902	1357	1331	64	69	70	70	72	61	76	69	65	66
540685	53	54	64	66	59	70	58	61	57	56	50	58	68	62
4280440	117	100	113	87	87	76	100	82	97	73	71	89	89	76
3830202	50	51	52	57	56	51	51	53	57	48	63	64	53	68
4010095	48	52	47	43	44	50	47	45	44	46	55	53	62	49
6900377	41	41	38	41	39	44	46	50	43	40	44	39	55	38
7650739	70	71	61	69	71	68	62	93	62	59	66	64	73	49
3870608	365	271	188	207	317	360	252	324	301	339	393	311	387	352
6370541	219	50	54	54	42	43	40	46	45	44	40	44	41	41
5860674	66	61	62	64	70	65	58	56	68	64	63	53	50	69
5820551	82	70	78	75	74	85	71	89	77	64	78	57	74	87
7510128	96	95	72	68	64	73	61	71	82	101	76	59	71	83
1230603	75	73	76	66	97	77	66	148	64	63	74	54	65	74
2710504	45	46	46	43	39	38	40	45	42	43	41	41	40	43
5220196	412	344	389	415	520	446	317	444	461	457	403	245	337	725
620041	52	68	214	194	40	53	43	50	47	40	52	53	56	44
6580626	59	64	87	95	240	164	52	51	40	46	49	58	174	83
2100711	54	43	51	59	62	54	53	368	342	269	128	68	109	61
2260274	46	48	43	41	53	42	45	45	48	38	42	40	40	45
4850746	69	70	65	68	89	68	54	57	70	63	69	67	65	65
7380678	31	38	39	38	39	39	42	38	40	36	36	40	40	37
4890750	283	305	249	245	152	184	151	267	325	357	230	215	102	371
5960672	935	972	910	1129	697	1132	594	738	1008	1064	1260	1093	664	921
870477	68	60	70	57	69	239	92	75	59	78	68	59	137	4408
2230341	67	70	74	76	58	69	87	62	54	50	54	67	60	58
1770497	56	71	61	85	73	58	77	59	53	51	59	59	57	58
5550553	58	190	114	100	56	101	58	72	65	72	74	81	84	526
4890671	75	97	65	73	57	77	57	61	66	66	77	77	71	56
20192	243	254	218	225	172	212	193	195	128	169	242	155	250	213
5900017	85	54	148	141	40	42	41	38	44	49	104	135	63	160
7040100	45	45	39	44	43	42	49	42	42	39	40	43	45	40
6220209	51	43	38	40	47	42	57	43	45	52	39	45	45	43
5570703	74	74	67	81	72	57	56	61	61	59	52	62	58	63
1190091	84	82	56	60	61	59	63	74	76	74	66	45	60	66
2370768	41	36	38	42	46	41	46	40	46	52	36	41	34	35
6420736	70	66	60	66	58	57	60	64	71	56	187	927	155	176
2450411	54	54	55	60	44	54	50	43	45	48	131	684	101	88
5720465	149	89	100	85	119	87	83	80	99	65	174	809	162	145
450736	83	75	73	82	70	87	84	65	84	82	64	61	92	75
7550086	57	44	146	147	40	35	41	42	48	41	38	42	38	41

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
940746	57	61	56	57	45	58	46	42	42	39	42	48	52	44
4280132	54	49	49	52	58	55	54	63	54	48	42	49	47	47
4280504	45	41	51	50	52	49	46	41	50	46	44	40	47	43
6330553	346	381	273	260	450	935	279	282	409	308	283	174	291	167
2100743	507	484	392	364	1225	1558	239	662	882	725	524	366	540	233
6560523	281	259	197	191	447	659	198	333	405	328	264	196	303	178
5340338	335	390	148	128	311	413	295	88	155	142	2033	503	236	2616
6650196	942	732	865	754	1674	179	111	1335	1473	1968	535	331	278	229
6350204	102	73	71	73	96	69	75	68	87	92	68	80	63	69
1170605	534	662	676	702	262	643	486	526	455	377	190	152	354	89
670333	45	47	47	40	39	43	40	42	48	45	38	39	36	48
1410240	40	40	40	32	43	47	37	37	42	52	40	44	47	40
6370356	357	487	435	412	79	77	58	214	50	83	58	89	51	72
2510356	47	46	45	47	51	133	252	52	50	43	43	69	101	45
5270468	43	47	48	48	41	55	79	42	47	53	43	51	53	52
1030209	46	38	39	43	38	48	146	40	48	41	39	80	44	49
4200437	687	751	655	536	417	276	372	276	229	261	345	394	430	385
830543	39	36	38	39	38	40	47	37	36	38	39	35	43	38
5690112	41	48	46	49	55	80	57	68	65	69	93	54	140	52
3360095	83	69	67	63	82	107	66	121	105	114	64	85	99	76
7040678	58	1937	177	196	48	44	46	47	54	43	44	42	40	54
4200541	272	260	220	234	1170	3024	164	1255	714	2463	161	250	120	170
2370646	53	51	59	56	41	40	43	46	48	39	49	56	71	43
5130100	43	42	47	39	43	46	42	50	39	43	44	42	45	46
1660243	48	39	45	34	39	37	45	34	44	43	42	37	37	40
6220307	56	51	56	58	56	65	56	67	61	61	62	155	61	96
3460446	85	90	113	83	73	71	90	86	64	70	63	79	102	101
2940403	2454	1495	2850	3306	1357	1103	483	1516	1034	1106	1783	1778	1354	640
1580215	178	138	140	136	140	197	144	207	165	195	113	128	141	191
130463	51	50	54	53	58	192	58	107	77	70	59	48	47	49
4120703	57	57	103	123	339	142	177	213	216	187	112	105	109	62
6980367	49	52	51	51	39	45	53	44	54	46	1579	45	48	53
3180156	60	68	68	51	54	53	64	66	59	60	66	66	54	45
3780193	33	41	42	40	4256	85	51	3836	3602	4615	87	86	59	93
5130255	45	45	44	34	44	38	41	41	45	40	41	38	48	41
2850703	57	65	69	44	58	64	53	57	57	48	59	73	52	71
7400072	72	67	70	71	64	76	52	64	73	62	74	70	66	61
7210240	71	83	72	68	64	72	62	65	92	63	72	70	61	72
5270619	64	153	81	71	1736	3493	1830	2140	1702	2563	640	491	1057	311
2030451	47	41	49	46	48	44	43	46	61	57	46	52	42	54
10504	49	44	37	48	44	846	142	82	51	52	41	57	44	71

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
2230008	40	43	39	45	46	38	39	38	44	46	58	41	42	36
3180025	39	39	50	36	45	46	42	43	51	63	47	43	40	42
2480228	88	63	72	67	89	57	72	60	46	79	66	69	73	60
6110022	76	104	99	106	87	74	69	96	79	73	79	62	85	74
4290014	708	921	516	610	480	592	403	528	496	508	486	294	354	351
7550368	613	1695	925	834	76	94	70	84	56	59	94	101	90	86
7000575	84	81	74	73	94	72	82	62	82	81	68	68	64	61
5700095	55	56	70	59	67	61	55	53	61	51	55	48	74	58
2570500	72	89	67	77	76	68	57	57	70	71	70	70	78	55
1660341	64	59	73	74	72	70	80	74	70	65	57	63	68	92
1400433	68	52	56	62	69	67	73	66	68	71	63	63	88	79
4610592	82	78	63	73	66	50	66	58	55	62	53	74	64	54
3170204	49	49	76	66	41	59	48	41	54	51	136	61	49	46
6860154	37	40	42	38	34	41	42	40	45	35	46	35	35	38
1260468	52	67	61	74	46	38	52	41	45	50	36	43	42	46
4780278	69	69	62	65	60	67	70	71	57	80	68	57	65	68
240053	56	55	69	67	137	231	404	134	89	117	56	60	127	84
4610520	50	38	44	47	48	48	44	40	44	35	37	49	38	38
3190167	48	45	44	40	48	49	50	40	47	45	44	41	61	43
5340730	59	78	52	61	56	73	67	63	56	70	62	66	70	59
940692	47	41	46	43	44	45	41	38	45	47	41	38	51	45
7320193	46	46	48	46	48	46	126	61	63	55	85	54	86	48
6330477	74	96	79	72	72	69	61	90	71	76	89	74	70	82
2340553	126	110	146	153	209	136	93	152	112	246	118	162	98	150
1660184	44	50	43	44	49	49	50	49	51	49	41	42	48	51
450368	56	50	70	65	40	44	46	49	48	47	40	47	38	41
3830044	252	223	303	302	53	53	47	60	76	79	66	71	52	112
6290554	99	72	76	73	231	191	107	101	76	84	169	148	223	135
3830332	96	56	64	67	80	74	72	58	65	71	76	74	65	51
1050414	84	83	74	68	65	93	68	115	128	88	90	98	77	94
780600	64	282	179	169	1979	2628	729	795	910	1863	351	129	1123	211
7050333	84	97	72	80	85	76	62	70	83	60	76	53	68	72
4290465	50	54	44	51	50	52	57	50	49	55	52	59	45	90
5720482	571	352	650	605	475	1082	1103	298	247	552	461	130	668	254
5260070	165	436	140	153	327	155	306	133	135	99	99	90	1685	102
610201	192	1801	1226	1114	84	79	103	59	103	52	128	1356	120	1136
5570279	228	180	164	156	529	326	539	424	304	232	396	196	987	273
290730	52	68	181	172	315	62	168	88	67	86	347	86	140	91
6200669	55	99	65	79	449	348	220	315	286	264	303	777	530	152
6290685	68	80	60	65	306	75	155	71	127	76	107	252	119	89
6110630	293	364	367	328	2542	619	1185	1013	1725	1134	1382	463	3231	528

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5050402	199	195	143	115	459	154	262	256	408	321	396	224	830	205
2970019	53	58	52	55	157	45	104	77	70	59	100	182	84	74
610451	93	83	84	103	1044	348	1434	305	766	308	688	310	3695	258
6100022	104	175	83	80	1001	683	1196	509	774	354	704	329	3288	464
870301	110	77	71	56	70	112	67	72	75	79	68	58	60	66
5260091	55	91	70	83	55	56	46	43	53	48	63	55	168	60
3460608	66	61	64	57	55	64	71	74	61	62	78	67	64	66
6590131	79	64	70	73	56	68	163	66	69	70	78	62	81	117
2140196	70	74	65	72	66	70	67	73	58	62	69	75	69	85
990091	71	67	75	86	61	75	52	69	77	111	69	71	70	67
2260747	141	89	80	78	324	58	76	118	785	949	58	67	61	78
3170403	68	62	66	57	53	62	69	68	76	62	68	61	65	71
5570711	372	282	255	241	73	76	119	60	54	50	47	54	57	67
4920131	348	2096	481	488	53	45	43	44	40	43	42	43	41	37
3290368	39	43	40	45	40	37	40	44	41	43	38	46	31	65
4120161	104	180	194	177	46	39	49	39	55	48	53	42	35	42
6200044	68	97	125	108	48	55	43	50	52	53	45	45	52	53
5420386	62	60	58	63	57	61	59	77	68	67	87	64	72	50
1230538	292	190	416	413	54	53	43	51	49	50	43	43	53	51
380259	261	256	172	167	55	64	100	44	49	46	49	48	55	47
2140376	60	66	72	76	100	70	77	75	59	61	79	76	60	77
870626	103	84	83	82	127	81	126	70	93	71	74	75	86	76
4040474	63	44	47	52	56	58	69	69	64	64	73	70	72	71
7200719	441	494	506	538	677	555	657	723	504	789	708	548	683	635
2100196	305	359	467	496	390	1259	1548	418	187	363	304	273	290	194
2690224	473	434	392	463	472	437	327	172	448	309	279	249	231	359
730722	80	63	57	55	60	88	64	86	58	74	82	66	53	53
7610170	50	49	45	52	48	46	51	41	43	49	62	53	41	74
6960563	39	43	51	46	41	49	50	45	41	44	46	45	37	37
7320349	146	102	119	102	114	83	63	77	105	106	153	102	84	75
6960739	99	69	83	76	67	62	73	66	96	66	83	60	66	85
5390435	119	71	94	96	45	46	39	47	37	43	50	40	43	43
4060192	85	134	138	148	94	77	65	292	319	323	294	925	115	3051
6220309	90	78	84	82	78	96	146	82	78	66	85	93	60	66
5490711	47	45	45	43	50	48	51	48	53	52	46	51	45	54
4390291	89	76	79	74	131	86	70	94	78	72	73	67	110	81
2000274	49	38	45	41	50	39	37	46	40	40	44	48	38	48
6960259	84	166	118	106	63	64	65	65	70	81	68	68	61	86
3370544	53	56	49	48	54	66	57	56	51	57	63	46	73	53
3130711	103	83	81	90	74	65	66	63	80	72	67	58	62	75
4810703	146	158	253	197	68	71	77	72	69	57	72	79	74	87

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6660671	53	56	92	67	41	49	40	43	45	39	45	52	44	51
1940193	621	316	609	604	170	174	82	137	111	121	137	138	114	80
990112	113	77	92	87	64	83	127	75	78	64	76	73	85	66
4810424	43	45	44	37	37	36	43	36	36	46	40	40	50	43
580292	68	60	69	56	66	68	63	65	73	64	64	77	63	67
2320296	47	51	51	50	41	51	45	45	44	35	122	117	144	65
3990739	149	177	125	139	50	64	66	64	66	81	117	226	83	112
2030259	43	35	34	43	38	37	40	39	51	54	34	50	42	44
5490040	82	71	93	64	77	70	68	70	72	64	68	56	66	78
6400703	124	78	76	113	282	117	124	155	184	162	219	181	251	156
1570184	50	53	44	57	53	42	52	53	51	67	42	54	57	50
3610730	46	47	41	44	332	93	94	1282	874	1856	157	131	100	333
7380392	60	66	75	69	57	57	60	78	67	65	111	71	85	60
5900273	74	117	105	84	88	99	89	92	79	70	91	71	72	84
1510075	321	619	419	365	40	62	40	40	40	45	47	39	49	37
6860634	50	48	50	55	55	59	51	60	90	54	61	58	107	64
6620259	136	108	195	198	90	65	72	106	84	55	94	92	102	79
540204	368	159	282	322	62	61	53	69	62	65	58	61	54	66
5080259	46	54	52	52	43	45	44	48	43	36	40	38	35	39
990086	52	49	52	43	44	56	44	44	49	36	38	37	52	52
3140259	50	70	54	59	54	45	52	46	43	47	48	55	41	38
2100189	154	152	187	195	464	468	276	427	503	419	205	268	227	201
4250246	657	525	750	694	169	127	228	88	121	86	356	269	386	399
1980079	257	299	193	230	81	104	74	81	86	79	77	89	96	92
4850300	109	233	173	155	48	40	41	46	94	34	53	101	46	57
6520440	2906	4327	3379	3345	85	57	63	56	53	58	59	56	53	68
4210561	87	77	139	135	583	498	307	756	316	568	119	150	196	144
510632	54	58	64	61	73	67	69	68	67	66	72	116	70	67
4050398	46	53	48	38	54	40	43	54	47	41	55	41	54	43
5960524	75	75	56	69	61	66	64	74	91	70	61	77	84	58
460202	37	36	40	40	41	34	42	37	41	42	40	38	35	34
3780491	90	76	58	77	96	67	66	90	62	58	64	63	65	63
5290707	111	69	68	68	87	64	83	88	166	62	73	59	52	72
1450619	43	43	50	41	42	46	39	43	44	46	45	43	43	45
3190524	658	628	663	678	404	340	184	1013	674	897	1123	1154	381	1151
3840445	47	52	45	47	53	56	41	51	64	51	58	51	56	47
2060414	51	61	48	50	53	64	57	65	71	58	67	54	67	63
5860289	42	47	39	40	45	36	39	37	42	43	43	37	39	40
430446	42	43	48	43	53	46	45	46	45	53	47	63	56	50
7040142	110	78	88	116	353	81	767	262	209	254	136	181	126	115
3460685	43	40	39	46	1123	54	1706	951	497	676	197	356	169	168

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5490358	4577	3051	3200	3051	52	51	53	49	195	50	79	48	50	50
4390100	69	55	101	103	48	41	36	43	43	49	46	45	43	45
3140427	75	113	104	104	62	80	62	63	68	69	85	92	93	62
4390398	162	142	138	130	243	151	191	93	88	110	95	108	148	1370
520465	47	40	48	43	49	50	46	41	45	49	46	41	56	44
1570148	40	43	46	38	48	46	42	46	39	49	45	40	39	46
5860528	4416	81	419	392	68	65	82	67	74	72	74	61	64	61
3180615	93	144	103	94	58	68	60	82	71	72	70	70	73	68
6840209	47	44	42	48	68	62	45	74	55	78	46	45	57	57
3710161	81	79	64	95	81	60	79	103	84	81	53	74	79	61
1470168	42	44	45	36	46	50	34	44	46	42	44	42	36	49
2900343	39	41	39	45	38	33	46	35	34	38	38	47	40	39
6420450	109	231	146	144	366	2580	290	1037	381	880	272	132	255	412
4220482	1573	1394	1205	1391	47	46	46	38	48	50	429	608	45	45
5260672	74	83	66	70	62	70	89	80	83	78	70	62	77	88
6980632	373	551	559	496	55	442	91	61	51	64	70	104	161	50
6660687	128	175	215	184	162	267	170	287	202	187	189	166	482	227
2690438	71	223	173	163	63	135	75	156	122	133	88	106	86	96
5270551	384	325	300	254	108	146	78	141	232	89	180	272	157	320
240343	55	52	56	55	63	44	52	58	57	78	74	88	69	51
1240408	64	75	61	56	70	79	56	61	61	68	65	74	66	69
4480528	61	66	56	69	62	75	83	54	68	64	59	68	73	67
240386	69	139	97	107	64	68	65	70	64	60	73	103	143	91
3780767	183	351	143	142	64	76	94	1704	127	147	84	155	158	70
6620373	63	80	72	81	67	83	59	53	54	54	68	70	112	69
3930669	54	73	60	81	62	78	70	69	74	56	73	52	63	70
5490307	71	70	66	64	75	55	98	63	54	51	68	61	49	58
3060187	176	118	126	113	1404	1673	241	1850	2507	1348	1257	538	1368	864
2490132	71	61	62	46	574	62	58	69	65	57	62	52	66	70
4150685	67	61	64	87	219	220	109	246	281	298	282	168	501	138
2260037	119	162	145	151	117	78	66	73	97	107	74	85	111	70
1260064	79	209	189	161	84	247	59	204	138	223	157	135	134	127
1660220	85	136	106	78	182	118	110	144	149	158	216	124	190	181
6400484	67	70	59	63	62	77	59	62	74	56	74	57	61	61
4850189	51	55	67	64	45	54	51	51	43	39	44	37	40	42
4760196	72	60	73	84	62	56	60	59	57	69	47	64	78	62
670670	46	45	54	49	49	43	50	46	39	48	41	41	38	48
6370008	62	65	61	70	61	68	63	51	64	69	66	60	56	58
4490594	3156	2898	4817	4184	7208	6755	5088	7924	11161	9560	4327	5544	4974	3836
2970152	75	70	82	72	74	67	96	64	73	76	66	65	61	74
1820288	118	74	59	65	89	85	66	83	58	76	63	91	81	83

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
3360327	190	132	222	157	71	80	110	81	84	85	110	102	66	162
4480762	747	639	1093	1041	72	67	72	76	85	86	60	69	62	61
4280093	52	50	53	57	94	142	154	192	260	183	87	99	109	107
3850367	137	79	126	134	88	129	123	187	136	83	83	105	115	87
110333	71	221	155	170	70	75	66	61	63	64	66	65	65	60
3610520	93	85	119	132	167	112	79	180	165	139	137	182	102	177
2710121	133	93	81	88	118	82	90	89	63	80	1222	202	1664	268
5670372	57	53	60	66	2423	2556	1949	2002	1697	1625	786	727	602	252
670066	70	58	68	69	63	50	64	54	76	73	63	58	55	79
2360739	53	51	45	73	73	52	42	73	49	49	54	48	46	48
380519	69	85	80	83	66	76	86	90	78	72	87	86	73	61
4040113	1977	571	3744	3535	58	66	79	114	81	81	61	78	74	74
6130152	120	123	104	109	71	81	118	78	87	67	83	78	99	69
5960328	107	104	77	101	78	71	67	75	76	115	91	72	70	72
4590332	83	64	66	75	67	79	80	71	81	58	82	53	65	62
4780754	3671	2133	3907	3887	64	58	68	58	61	63	56	62	64	59
2120189	83	68	82	65	60	62	78	82	68	80	100	80	62	175
1410747	73	75	73	67	74	66	63	64	77	65	67	57	58	85
5820746	141	112	92	95	98	81	111	105	79	87	85	81	96	79
6020242	61	63	65	77	79	76	50	57	66	60	63	64	63	45
6580088	190	217	95	132	1022	403	185	1885	1739	438	858	418	948	430
580445	99	75	79	85	364	165	167	436	515	1463	74	66	81	151
6400414	49	62	79	81	186	134	198	84	129	145	116	105	86	179
5870653	64	64	57	56	63	54	50	61	63	69	53	50	49	57
5560707	71	66	64	72	259	70	67	210	1669	426	100	56	183	73
6290450	62	55	54	61	173	57	72	54	63	64	56	50	55	61
4760673	71	74	84	73	71	57	61	85	67	74	73	66	66	70
6770706	53	59	58	57	68	62	61	61	51	68	60	67	78	61
6180546	56	66	72	69	56	53	52	67	60	69	54	52	58	60
4390386	99	107	90	76	98	74	92	81	80	103	76	79	91	76
6350091	59	53	69	57	74	53	51	67	61	53	63	50	60	47
1570286	93	74	75	55	79	72	74	67	66	66	78	70	73	75
1510519	93	88	64	67	68	81	69	76	78	60	74	66	65	72
60546	65	63	64	63	63	56	58	67	69	62	64	59	60	63
5700360	111	82	83	90	107	60	69	75	64	84	63	48	71	85
5420324	80	63	73	81	57	61	73	71	57	63	56	63	44	65
50291	67	74	71	66	77	65	80	71	68	68	65	66	61	78
2340088	55	53	51	52	58	73	50	73	62	61	57	55	54	54
6840278	69	61	54	58	59	56	66	51	64	75	47	55	69	49
2060372	310	345	297	243	825	658	219	763	880	577	880	510	522	324
5720491	353	244	230	272	329	315	231	447	616	307	262	201	245	373

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6770746	282	343	279	261	147	222	119	105	258	247	968	415	340	630
5670280	671	870	1352	1502	736	793	363	1414	1499	1580	469	347	476	353
5080138	103	55	84	72	94	89	61	73	78	91	67	73	79	71
4760192	80	70	70	76	89	65	78	70	79	59	67	85	72	87
2650056	120	80	70	82	177	86	124	71	81	67	74	88	86	81
1850168	93	70	67	66	86	75	75	69	76	56	55	77	74	79
6770441	60	70	80	66	76	89	64	63	78	61	70	99	90	66
3060703	74	103	104	104	37	46	49	36	35	39	327	821	638	402
2810504	218	295	171	164	69	83	61	74	55	68	84	94	78	128
3170431	188	209	341	295	1141	1947	1001	1239	1460	1459	834	529	613	268
6660162	88	81	68	84	92	75	179	64	82	60	109	124	87	106
7150324	138	67	74	84	1506	419	657	3020	3410	3028	878	546	561	222
2810687	264	581	283	286	401	417	191	662	589	723	260	292	226	366
4490544	54	47	40	43	42	46	43	41	58	46	50	64	55	53
3990561	94	113	105	76	60	57	76	77	90	70	123	81	91	67
240220	47	41	35	40	45	44	45	37	41	44	137	71	40	51
6370754	48	45	43	40	50	50	39	41	48	38	40	43	47	49
3140349	73	57	47	65	70	70	68	68	49	69	63	74	74	58
5910612	80	74	88	85	75	84	64	66	67	70	65	84	66	61
4200722	33	42	43	38	43	42	38	39	41	46	43	41	36	44
6660368	77	91	169	158	1544	862	223	1026	829	779	237	132	388	73
4590477	403	431	423	504	3921	2973	769	3206	2847	2740	884	471	1467	272
1400142	68	64	53	63	145	62	69	59	74	63	68	69	81	44
270470	76	69	71	81	69	63	58	68	77	69	68	68	75	74
6900170	41	47	45	52	37	35	43	48	40	40	39	39	41	44
3170450	59	57	68	67	126	109	75	217	362	278	148	127	142	85
1450446	70	51	67	53	67	58	68	59	59	55	61	59	67	70
5670709	83	65	76	80	101	75	87	105	132	110	77	83	96	102
6770408	725	443	428	436	129	87	50	187	197	205	1357	1037	261	2200
6290494	1377	987	1093	938	279	283	157	236	288	332	1348	862	390	1474
6020170	1624	1293	1133	1149	66	100	66	146	127	107	1536	1479	366	3388
5490068	140	70	179	159	1489	1014	126	4460	3804	4941	210	93	336	62
4540414	361	200	253	259	323	231	199	199	181	349	179	240	167	218
3780437	32	43	37	35	41	37	45	36	38	41	42	43	41	39
3520338	468	567	513	558	53	61	55	62	60	58	352	204	277	128
770682	81	112	59	86	1095	143	146	531	703	656	815	90	807	331
7330367	65	62	53	72	70	69	65	60	54	64	77	70	81	62
2370632	96	132	172	150	182	80	69	129	261	207	94	87	90	76
4760626	43	41	40	41	38	50	37	45	44	44	49	129	48	47
3180528	234	67	251	213	47	58	74	48	43	40	41	392	85	253
1230228	80	78	60	82	80	67	58	67	83	64	141	96	70	66

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
4150598	34	43	39	43	40	45	42	44	43	34	52	36	43	40
3060273	39	52	51	50	44	58	47	39	43	47	42	48	51	40
7200601	56	53	58	53	46	72	46	65	104	55	72	469	333	372
7650026	68	151	90	102	46	165	52	152	217	90	136	1178	736	820
1850315	83	132	90	104	64	87	73	73	66	69	66	64	98	63
2490070	69	65	67	61	98	70	69	59	71	58	58	62	63	60
1300240	62	88	72	56	83	80	90	78	78	70	64	66	66	100
6980762	44	45	49	45	47	46	48	50	48	38	40	42	51	51
7380670	288	152	189	140	81	224	211	513	117	155	4709	2714	4104	2953
5340220	46	45	44	51	38	46	40	36	36	38	42	42	36	46
6100360	44	49	48	51	51	43	62	69	63	56	52	52	47	54
3990577	75	71	82	71	74	72	66	80	70	81	62	68	78	88
1710692	46	48	45	47	44	50	51	48	57	55	49	45	46	43
1450468	48	62	71	101	69	73	58	126	61	61	73	65	60	95
6250040	207	260	142	146	190	206	196	174	191	172	237	228	302	193
5890170	400	138	397	383	57	41	57	55	53	50	56	53	50	50
2100296	70	63	66	71	679	99	460	1213	1214	996	105	63	62	71
3180681	48	50	53	50	1655	79	2098	1245	765	1149	129	98	63	166
7650538	42	47	50	48	2069	1334	1566	1656	1211	1647	1851	1057	1409	325
4060438	53	52	178	224	48	52	45	56	55	59	45	78	42	48
1660767	155	272	450	446	42	48	41	50	50	52	44	52	46	49
1570309	81	119	108	158	71	59	62	59	72	68	102	104	70	197
4610669	128	187	220	169	68	71	57	68	78	59	211	243	56	393
1990731	60	67	59	60	69	62	58	62	61	51	61	59	71	62
7610441	88	70	83	71	102	74	71	65	70	58	68	77	66	72
5670129	69	47	53	57	43	50	50	51	51	51	55	47	60	51
7050220	558	332	328	353	62	55	51	60	48	56	85	1601	81	466
3140131	34	45	39	44	43	46	36	45	44	52	41	54	40	44
4880138	55	49	52	49	47	43	38	42	41	47	275	41	117	69
5340458	172	188	196	211	263	184	125	173	157	227	153	169	128	166
580181	64	75	109	107	110	163	67	166	152	230	113	114	80	88
3940520	626	497	594	638	2192	870	1448	1833	1374	1883	982	2028	2263	1026
4220326	801	272	467	360	79	76	65	72	79	71	419	144	60	57
2320215	152	148	154	143	495	735	277	812	762	473	332	410	229	935
7100541	144	123	106	155	130	70	114	73	115	62	148	315	120	299
3360707	46	42	43	43	43	49	38	50	42	36	47	46	37	42
3450286	64	60	72	104	68	73	61	65	70	59	69	49	60	57
840494	41	52	36	38	43	44	42	39	40	35	44	38	40	44
6770131	41	44	42	48	37	41	40	41	41	51	53	44	83	405
4610333	72	55	55	59	76	65	59	57	52	72	63	67	65	72
6350192	85	72	115	101	61	82	70	66	88	85	74	63	89	74

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110189	66	62	66	84	67	61	58	72	65	54	62	59	62	79
2480431	56	59	75	63	68	57	50	56	64	72	68	68	70	55
450020	69	66	52	60	68	54	58	63	57	59	69	70	65	65
620202	75	70	94	55	71	57	100	70	74	63	66	80	68	69
3930379	110	236	134	123	88	267	122	216	226	189	260	159	364	156
7100431	90	104	77	71	2791	2261	829	1136	1775	980	1136	399	1236	250
5490301	381	546	445	417	960	462	275	1386	861	1133	415	909	317	136
3890601	69	76	69	83	90	72	64	55	67	66	68	71	83	63
1240195	38	41	40	43	42	44	39	48	48	53	43	46	44	53
4850528	74	58	66	78	67	59	73	76	66	83	72	66	70	72
2650075	39	47	41	51	45	51	43	53	49	52	46	44	50	48
5900608	94	71	87	66	89	105	91	89	94	73	76	64	62	71
20112	49	48	47	50	52	51	46	46	47	52	50	44	40	53
2900064	71	74	73	50	75	70	64	74	55	71	69	56	60	69
4850070	47	52	46	39	50	53	47	58	37	46	48	55	55	50
1090451	57	69	71	64	82	76	57	78	90	74	69	90	106	65
3420554	69	109	162	190	48	40	42	43	40	38	76	274	37	463
2970370	57	51	55	49	40	42	46	48	57	50	173	43	57	50
7570753	435	383	525	524	45	45	44	45	43	54	45	39	58	46
6290008	47	47	52	48	42	49	49	44	40	42	45	49	46	47
1510014	374	465	449	470	509	829	483	600	402	425	813	503	873	789
7200609	100	97	87	88	80	68	87	64	85	68	75	67	105	61
520176	41	41	39	47	41	43	40	51	45	36	41	39	38	44
4210678	138	80	133	124	60	105	98	86	78	96	73	83	83	68
7040019	38	41	43	39	33	50	42	44	42	43	42	33	34	38
110347	259	195	287	289	119	156	246	151	150	142	130	148	137	248
4120427	58	56	73	52	64	61	51	59	60	66	49	70	57	65
1260762	72	97	61	74	78	79	237	57	76	55	55	70	69	67
1510332	85	83	75	78	69	71	192	64	71	78	70	75	74	87
3140373	43	48	41	42	50	50	95	49	40	47	49	53	45	44
1580437	50	69	49	51	38	41	247	36	40	48	57	45	47	46
770739	102	79	86	82	162	82	93	72	93	80	76	69	71	93
1050168	58	40	35	40	45	41	40	37	39	40	46	40	67	41
3310093	66	70	101	95	109	140	140	228	219	256	125	160	121	124
1570039	299	228	440	457	2223	1655	606	1578	1117	1202	985	563	897	223
6200168	1330	817	1251	1245	1616	1635	177	1730	1693	1519	201	776	844	334
4010519	45	52	49	46	51	43	50	46	52	49	50	53	47	43
2480424	147	235	192	193	2781	222	1035	2298	1605	2329	1003	651	498	221
3850064	683	920	1498	1486	457	473	274	523	411	431	1147	1673	600	657
3450332	59	56	59	54	59	64	63	57	60	58	58	47	60	55
4780139	179	111	176	178	88	71	74	69	57	63	66	51	57	60

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6330187	167	199	348	342	58	70	56	52	57	54	126	166	92	263
6840739	161	127	169	181	77	73	74	73	83	87	105	116	96	142
6420687	67	75	65	62	89	70	69	69	81	64	73	74	74	81
7150132	816	722	959	809	2100	1529	923	1961	1770	2257	2051	2493	2754	1386
5810253	316	463	364	360	117	199	122	236	144	226	542	280	223	776
2710452	46	44	49	45	1714	76	48	902	847	1664	295	49	90	106
7400598	78	88	69	88	121	74	63	90	74	77	85	67	87	92
770615	2507	2354	3213	3894	48	44	50	37	50	52	46	51	43	53
290136	4585	2926	4857	4729	60	60	63	57	55	53	51	58	71	55
6450746	1431	1732	1739	1637	44	54	42	49	42	42	43	49	50	42
4250626	265	279	253	296	112	111	91	102	129	76	84	84	96	100
5390474	40	41	42	45	45	43	46	47	57	36	38	41	42	43
4480301	46	55	48	40	51	51	53	56	52	53	53	50	44	48
2690519	52	50	46	52	54	55	56	49	69	51	62	54	42	52
2260615	708	655	653	602	1223	1173	693	1177	806	1259	820	591	675	1118
4780373	88	93	80	110	78	86	78	77	73	91	82	175	87	105
6330593	54	51	51	49	38	42	44	49	48	47	53	47	39	39
940646	75	65	77	79	63	72	64	60	53	54	63	74	66	65
6900414	67	86	71	51	66	71	62	64	85	82	60	78	72	79
6400465	63	62	153	192	4216	1672	2522	2569	1917	3156	701	1977	1723	411
3850603	79	77	116	139	108	68	78	90	87	81	74	92	89	61
2350132	46	45	55	55	38	42	40	34	44	42	42	84	41	48
130754	443	647	570	537	45	42	46	34	45	48	44	45	50	53
1510291	3269	3836	3442	3546	258	331	187	290	230	206	1826	2498	474	3279
5960224	1530	1353	2192	1909	82	197	65	119	109	104	1004	1421	213	1774
5490689	73	175	91	122	70	59	96	64	86	48	127	92	62	66
6400603	44	45	45	44	669	1167	71	440	445	404	60	53	55	65
1410603	760	1018	1645	1545	323	429	188	807	640	655	235	190	274	220
2760239	49	51	49	51	229	919	68	285	76	215	64	55	86	50
450132	301	287	332	345	286	274	128	231	327	290	264	364	300	211
3420372	73	61	93	83	361	135	104	325	789	252	77	82	145	368
1300187	78	90	136	152	89	154	98	218	109	181	155	151	108	135
3610170	72	74	68	70	80	62	82	55	86	79	74	56	67	80
6350475	87	78	77	68	81	66	65	76	79	68	63	76	62	86
6590438	40	48	45	47	50	57	45	43	39	43	47	42	37	48
1260722	53	62	50	60	55	71	45	73	55	56	49	53	69	53
4010592	74	58	76	75	100	69	65	75	68	62	77	75	51	93
7160739	54	64	63	63	55	64	57	54	68	72	80	77	57	67
2650370	616	606	728	747	3421	1185	1215	1963	1877	1945	1583	1131	2691	1184
2570220	670	442	324	322	242	311	208	785	307	351	345	2650	222	295
3930372	64	70	67	57	61	65	73	59	58	74	59	67	56	62

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
7560497	270	74	128	136	47	38	52	66	69	161	52	44	48	48
1510424	45	47	43	38	50	66	270	49	50	43	76	711	59	180
130338	48	53	47	47	45	56	57	50	53	47	52	48	44	51
1690563	52	52	44	47	55	52	51	52	50	54	50	50	40	43
4050291	42	40	44	39	45	38	43	39	39	48	42	36	40	43
3710022	39	48	44	48	55	53	48	49	56	44	49	52	44	46
2350482	81	73	73	59	63	77	86	61	75	70	60	73	59	70
5050270	1259	1189	1030	1060	65	69	66	60	59	65	66	61	93	61
3850767	2053	2457	1790	1907	69	952	81	350	140	333	121	61	98	66
4900520	81	85	172	141	90	68	69	102	67	78	72	66	73	57
5260343	355	807	1013	1119	66	62	52	52	61	72	56	49	50	59
520370	67	59	66	54	61	70	62	70	64	63	55	67	59	48
6840154	43	40	44	38	36	45	42	47	41	42	51	45	45	53
3130706	71	74	79	64	82	70	80	70	83	77	69	79	74	74
3990278	41	41	32	43	48	45	43	48	50	39	44	63	45	61
4890021	385	968	463	414	57	51	65	49	50	41	52	41	47	48
5720379	74	78	59	79	106	78	59	89	59	69	59	89	76	87
5700441	48	40	46	34	50	47	40	57	39	46	41	49	45	40
6770333	43	50	46	45	50	48	49	44	46	47	41	39	59	54
1050563	47	48	44	49	48	50	51	48	49	45	52	46	45	47
830095	42	46	39	45	42	41	42	38	39	40	41	46	38	35
450246	79	59	65	79	74	77	58	80	95	55	73	61	69	62
2970112	185	98	82	103	84	99	108	96	86	69	65	84	75	68
1710356	80	66	67	72	69	67	65	132	153	86	52	60	63	73
510561	47	50	43	48	46	54	55	47	45	50	44	49	40	52
5670082	48	51	48	50	57	54	55	54	52	54	45	58	48	51
730093	53	43	50	58	42	38	43	44	47	43	57	44	113	47
730148	554	963	886	908	72	69	71	72	60	94	70	62	64	87
4220053	45	44	54	46	412	1669	90	1441	1080	1827	140	743	397	149
270301	74	65	56	56	56	64	75	60	57	78	57	74	61	58
2070372	74	117	82	87	76	62	63	72	76	70	81	59	79	69
1580653	82	116	104	108	130	165	143	181	320	160	112	136	145	183
10066	51	50	47	55	56	46	55	52	49	43	55	47	58	47
3120286	45	49	51	51	58	50	50	51	46	60	49	48	47	54
6480450	48	47	43	41	54	42	45	57	45	64	47	50	50	45
6650152	68	66	54	63	52	55	76	63	69	72	50	52	67	64
2570672	47	50	41	37	43	39	46	44	37	55	40	45	45	47
4670138	92	146	153	126	46	58	49	53	57	57	272	928	477	144
20609	251	385	475	497	149	131	59	181	136	174	174	324	158	50
4480390	51	46	59	54	42	38	39	50	39	31	50	66	41	43
7380152	573	346	333	309	272	288	384	332	563	525	512	322	330	252

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2810762	59	44	62	60	57	52	83	41	68	47	61	83	48	58
1740692	70	69	92	68	57	76	56	77	81	82	71	70	90	63
2450452	445	1237	841	930	421	2057	1000	269	212	350	858	345	684	228
4850576	47	44	41	44	43	37	46	40	44	51	41	40	39	41
510133	368	368	228	272	878	701	202	928	803	606	875	543	516	324
2640598	62	70	77	68	68	67	71	68	52	67	62	62	65	72
6330730	48	54	54	49	45	36	47	47	46	49	69	51	41	56
4560228	66	66	63	60	90	60	66	129	119	122	89	79	70	61
4610201	211	196	162	175	279	334	166	231	403	126	172	158	108	200
6510156	189	150	210	205	671	1394	462	1689	724	1629	377	694	188	668
5390767	60	66	55	58	70	101	76	90	123	70	89	58	81	85
5490465	62	62	66	70	77	121	91	172	140	121	90	82	81	110
6960438	62	89	56	68	83	89	84	135	169	146	113	93	112	100
4060025	65	68	111	90	62	74	66	87	97	74	99	104	80	73
4850711	177	237	150	153	202	271	66	347	444	240	112	184	79	151
3990497	737	310	780	638	443	433	160	616	564	471	473	465	362	304
4200711	99	85	89	97	88	196	126	253	190	165	110	95	77	174
3180647	61	77	82	75	158	299	111	212	218	251	140	88	146	126
1090196	58	62	77	62	64	70	41	70	61	63	72	61	57	154
5260280	75	96	80	79	159	183	105	210	291	175	127	92	71	130
6290091	376	357	365	461	928	1236	391	916	926	802	675	813	376	292
2710687	68	65	61	57	69	60	53	60	56	61	108	137	56	48
6270731	62	74	60	57	62	69	76	78	74	76	64	62	71	62
3840091	150	91	95	73	402	342	162	316	264	258	218	106	112	188
2510164	365	447	142	183	1855	809	2026	3464	1789	3176	1684	2195	1981	509
580161	209	382	124	99	1246	393	860	2479	875	1351	1153	1116	687	305
380685	236	510	159	146	2825	639	2332	3830	1396	4408	2731	3462	2396	713
4210044	76	87	82	99	86	159	81	331	183	217	112	136	82	128
2450020	76	252	79	100	98	215	87	170	395	150	223	162	90	283
20543	62	60	79	63	85	67	62	145	105	79	60	76	60	65
4390044	76	61	66	58	66	57	64	64	59	65	61	64	54	70
3870156	80	63	96	84	62	53	64	58	68	57	85	81	56	69
1850273	128	70	131	103	200	241	74	197	248	158	115	126	105	104
3310037	322	609	654	684	44	43	40	46	55	45	49	47	39	50
3370736	1251	905	1764	1678	228	165	343	91	85	139	1012	300	1635	220
5310368	43	45	49	45	42	51	39	44	52	45	55	40	40	50
160433	45	49	48	43	46	45	49	45	45	41	46	46	43	54
2070735	282	202	218	231	399	398	201	416	402	703	624	462	1285	251
3710711	446	218	279	273	824	804	491	893	1243	925	871	642	2123	463
6860138	65	65	55	62	62	48	59	56	56	55	61	59	61	72
5340692	431	319	545	552	731	129	65	676	716	702	299	220	290	437

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
270347	68	59	115	134	357	410	878	288	216	232	298	212	181	625
2690577	45	48	54	57	43	59	57	57	51	53	53	59	56	51
870475	84	70	78	73	73	72	77	84	87	89	77	76	73	82
540014	66	63	63	80	59	57	59	62	58	50	60	62	42	65
6040433	46	51	57	50	42	44	44	46	40	53	50	50	51	38
4810730	186	190	259	223	69	70	60	57	92	59	67	51	66	52
3180639	134	48	548	559	37	40	42	40	31	38	36	36	46	37
60017	70	59	67	69	70	69	75	52	63	64	62	78	64	78
3520768	64	303	158	164	39	46	43	42	41	43	40	39	49	56
4280192	67	59	65	66	70	972	84	85	68	70	144	145	135	88
770255	87	474	337	322	502	74	72	146	289	206	197	75	128	110
1770603	40	37	40	34	43	51	40	35	34	33	44	991	44	157
1410192	75	99	67	80	67	67	243	80	72	62	93	89	95	82
1230672	42	43	52	39	42	45	52	43	45	43	40	44	45	45
4040632	60	58	54	47	63	52	62	57	69	66	71	64	54	83
4730376	41	43	41	44	60	37	45	52	41	45	39	46	31	43
4900634	40	44	38	42	49	48	50	42	40	44	39	41	44	40
4290209	221	317	344	375	1474	1459	453	1468	1130	1117	333	647	386	865
940674	49	42	46	48	36	47	42	47	39	40	39	45	44	53
3360762	79	151	150	161	114	121	152	151	116	119	90	65	108	72
6180750	46	43	35	46	36	46	42	38	42	40	39	34	43	36
2320168	39	42	43	49	58	52	43	50	46	48	54	54	42	46
6980470	36	40	36	47	38	66	43	40	54	45	43	40	43	47
2640301	45	46	42	41	92	324	373	112	79	64	148	112	416	139
6100484	65	61	68	61	70	72	201	186	137	142	111	93	75	58
6060376	100	75	112	109	104	92	85	74	72	61	82	62	84	79
2570161	144	169	255	249	692	161	84	324	144	399	100	104	169	97
990441	40	44	43	42	51	55	48	42	42	50	49	43	46	53
4730564	239	223	305	281	94	204	131	188	161	213	166	120	182	248
4890092	81	84	126	146	94	356	71	93	71	100	227	206	118	170
430300	60	66	59	76	74	57	56	58	72	65	54	65	64	62
3850326	49	43	41	46	44	45	41	49	40	50	43	47	42	48
2030709	66	94	70	59	55	75	73	78	75	69	98	66	100	79
5260253	48	39	43	39	46	40	46	41	43	50	53	37	50	48
6040731	42	46	49	40	42	36	47	47	47	42	45	43	43	39
6420605	66	93	71	73	71	71	70	61	66	68	71	72	92	79
4250367	2043	670	2135	1815	172	86	56	136	81	351	70	812	121	327
3930086	1587	506	1964	1984	1964	880	698	2216	2589	2465	1070	803	819	645
6580059	321	469	713	790	4368	2577	1805	3514	2086	1872	954	1455	1281	4400
1070088	70	68	68	66	60	59	62	55	68	61	62	57	59	60
6370703	45	37	39	45	40	40	44	33	36	44	44	48	44	40

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6860392	68	62	72	60	192	62	78	58	812	71	66	69	67	56
2190408	58	169	276	308	50	53	49	52	47	43	62	48	48	58
3390215	78	71	60	74	61	56	63	52	63	69	55	72	55	55
7000619	102	56	66	76	482	415	513	290	184	250	279	222	317	89
5420189	53	62	124	116	47	42	44	45	47	38	47	41	41	46
5570181	60	92	137	128	67	49	69	48	54	57	75	66	51	59
5810730	41	38	43	48	41	47	43	44	40	48	41	43	35	41
5900228	70	79	79	74	87	52	63	73	75	69	70	55	76	47
5360601	93	134	148	179	84	77	81	94	78	81	90	97	84	80
7610524	60	56	58	59	54	50	72	56	52	68	55	54	65	60
2850619	521	539	319	340	90	73	68	66	65	87	77	75	74	75
3130372	42	47	43	47	50	50	46	51	51	43	60	52	61	54
5910414	48	48	45	38	45	46	48	50	54	44	47	51	40	51
5870091	59	55	65	48	59	48	63	53	48	63	62	55	52	63
1090008	42	35	38	40	37	40	33	41	37	42	42	42	44	39
70451	110	90	88	97	3415	4585	6984	3036	2894	3040	2775	2339	2471	863
3710026	67	63	75	74	44	51	42	56	53	47	97	106	55	215
4260286	131	111	85	90	94	95	81	93	86	77	96	66	75	90
2810451	74	76	1139	957	51	48	41	38	47	43	42	51	67	38
5700431	128	222	116	99	69	101	78	68	98	85	248	135	127	283
1240746	68	59	67	53	56	80	70	64	72	60	43	51	71	56
2710343	46	46	43	48	74	87	43	166	196	169	45	46	64	50
6840202	78	66	59	59	61	49	62	71	51	65	61	50	65	52
6940431	88	356	234	268	57	51	56	53	50	50	84	60	50	49
4490743	57	58	59	60	68	53	60	60	72	54	60	67	74	56
4810632	72	56	74	58	64	69	61	57	63	63	65	66	64	47
5220753	71	60	80	60	59	63	80	75	54	76	61	68	73	56
6200091	67	63	62	65	60	68	69	87	70	60	64	58	67	67
2690279	52	58	54	59	36	44	47	47	45	47	52	43	38	39
6590523	138	64	149	146	371	69	60	409	146	552	95	94	196	60
670414	847	363	360	394	57	48	50	50	51	52	55	41	57	46
4490288	50	43	43	38	48	42	41	47	45	44	40	43	47	49
6580717	46	48	54	53	43	57	253	122	60	64	63	58	55	57
5560411	205	269	249	241	202	213	151	294	348	254	255	206	307	290
1170154	249	201	168	178	68	110	150	124	150	116	149	138	180	179
3290152	119	108	94	125	73	106	70	96	125	85	120	70	151	141
3310592	1335	861	1528	1462	3245	2441	1218	3520	5007	4062	1066	1607	1440	1418
3450750	2761	1781	3269	3297	5391	4532	3355	5571	8673	6928	2156	3399	3065	2721
3400070	190	104	223	227	300	272	154	247	229	261	233	293	225	274
20603	351	307	333	357	869	606	524	1189	987	1017	570	615	637	422
6580113	57	61	69	63	47	71	74	64	71	54	74	68	54	55

ProbeID	[[001], ESI 035 P49 mefs for P10, MBA_1622	[[002], ESI 049 P21 matrigel P6, MBA_1654	[[003], H1-GFP, MBA_1641	[[004], H1-GFP (tech rep), MBA_1641_2	[[005], Normal PB-B Cells (CD19+) Comprehensive RNA, MBA_2340	[[006], Normal PB-Pan-T Cells Comprehensive RNA, MBA_2341	[[007], Normal PB-Monocytes (CD14+) Comprehensive RNA, MBA_2342	[[008], CD19+ B Cells, MBA_2343	[[009], CLL Bone Marrow CD19+/CD5+ B Cells (Relapsed/Refractory), MBA_2344	[[010], CLL Peripheral Blood CD19+ B Cells Comprehensive RNA (Untreated), MBA_2345	[[011], Fetal Liver CD34+ Cells Comprehensive RNA, MBA_2346	[[012], Fetal Liver CD36+ Early Erythroid Progenitor Cells, MBA_2347	[[013], Mobilized PB-Stem/Progenitor cells (CD34+) Comprehensive RNA, MBA_2348	[[014], Normal BM Endothelial Cells (CD105+) Comprehensive RNA, MBA_2349
5870008	70	67	63	65	125	5531	269	300	77	82	81	62	95	162
7050201	64	56	64	74	292	80	72	66	73	70	61	73	84	75
150735	74	57	61	64	57	66	62	63	58	50	47	48	48	56
510066	74	59	68	70	75	51	67	68	59	60	54	73	60	60
1470162	67	82	69	74	94	72	79	86	67	69	70	75	59	88
3520168	7105	4719	6377	6498	71	83	75	102	116	97	208	700	274	240
1980538	72	86	76	64	53	71	71	69	67	77	82	66	63	89
5820026	62	66	71	59	86	113	98	74	90	74	59	78	86	71

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
4850086	43	41	39	41	40	44	42	34	36	35	56	39
6110592	75	74	79	63	53	109	62	58	69	78	75	76
3190082	53	46	47	44	45	53	51	53	48	60	60	53
1450100	48	43	45	44	55	57	50	53	59	54	45	52
5490382	39	41	41	45	47	50	34	48	38	44	34	40
3520709	66	75	70	79	76	71	71	68	93	70	67	82
3120681	35	43	45	51	45	49	48	46	32	42	44	39
2030161	75	66	62	54	65	71	103	79	59	65	54	69
270709	73	56	69	79	75	62	74	66	76	78	72	69
2320377	42	37	43	36	47	61	44	52	36	49	39	35
1260270	156	80	102	121	155	84	64	75	78	53	80	86
2760274	47	46	38	50	54	57	49	46	46	47	39	51
2650736	40	48	53	46	47	47	46	48	48	52	51	50
5910010	85	69	74	91	75	64	77	59	87	67	86	72
5310524	88	235	195	118	144	140	137	143	129	98	118	105
3780156	40	54	59	42	45	53	47	44	44	51	41	47
1050561	64	74	77	77	78	74	77	77	66	64	67	60
2480040	48	47	44	44	51	57	44	50	50	44	46	35
5910309	38	38	32	41	42	42	40	39	47	41	33	38
5810050	126	368	359	87	243	104	93	101	87	95	122	181
1030184	46	43	49	41	55	41	47	50	46	54	44	49
3460279	57	45	48	51	58	55	50	49	52	48	52	59
4570364	102	138	106	123	78	63	76	75	67	87	76	67
6380020	75	68	66	60	58	65	70	76	59	70	75	62
3780468	53	53	71	57	61	52	58	88	75	65	63	54
240541	43	39	47	43	48	48	58	48	45	48	61	52
2630010	53	48	60	72	66	62	65	64	65	72	49	47
1740669	41	39	42	42	39	35	42	42	35	40	38	38
2340577	46	69	59	35	137	64	45	50	45	45	49	49
1850521	70	64	64	57	41	75	59	60	75	59	62	64
2650594	1085	501	352	704	736	56	37	38	42	38	46	38
130110	51	142	138	48	45	130	174	185	228	287	62	152
4830376	48	51	40	51	45	44	43	43	40	47	47	43
7200435	583	307	223	461	360	61	53	61	55	59	103	63
6290239	70	72	65	60	69	76	56	73	73	61	52	56
2480241	296	197	192	318	266	259	193	234	182	223	346	207
5080561	243	463	518	217	136	172	230	142	166	183	344	138
1770253	37	44	42	39	47	61	40	39	44	41	37	36
6280440	46	56	64	37	58	48	49	40	42	34	41	44
3450347	43	46	46	47	44	40	44	41	40	44	44	44
3170100	41	45	40	41	43	45	45	45	48	47	44	45

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
2600554	59	73	77	59	86	56	95	72	65	62	86	58
2510253	46	73	54	47	106	81	71	59	52	66	75	66
7570477	378	187	172	239	523	205	199	321	254	289	245	254
7510424	621	281	197	338	837	332	276	335	475	342	249	361
6040452	49	62	58	68	65	63	55	69	61	63	63	61
1850068	185	342	391	196	108	317	343	310	451	288	358	332
6110440	75	75	72	104	63	57	61	74	87	77	80	70
6960035	48	55	40	54	32	76	43	34	39	40	36	46
7050215	45	46	41	44	50	94	50	48	49	50	41	44
1710242	549	2146	1519	401	958	137	281	405	246	245	203	235
4890670	80	76	74	70	91	73	94	76	72	61	77	75
4540468	57	67	54	66	63	68	324	69	86	84	194	103
6510360	152	175	190	351	149	150	208	240	166	208	131	178
6110102	40	37	52	51	47	67	62	58	61	71	54	90
6110152	47	41	53	45	39	45	50	45	49	48	46	49
2490044	209	226	226	152	147	96	84	129	83	78	92	93
1070224	41	45	54	43	51	108	63	65	59	55	82	60
2070377	68	63	47	51	61	72	79	59	67	58	59	57
2000128	38	42	43	48	43	41	43	44	39	40	45	40
6100241	39	40	43	47	42	42	41	43	42	38	45	36
6420689	52	65	66	66	68	44	60	56	52	67	61	64
6060347	50	43	50	55	48	67	51	54	59	58	66	50
6040156	73	69	66	82	68	83	80	74	79	85	82	82
3870593	70	67	62	70	70	105	70	72	73	64	78	238
3610180	40	45	40	42	41	44	41	38	41	52	44	52
6450403	34	54	48	44	37	48	47	39	48	40	46	37
4260280	75	64	60	61	65	65	72	64	74	74	62	64
6650215	81	92	83	81	66	77	80	98	72	86	64	76
2190139	192	110	3488	47	10720	39	41	37	41	43	38	50
4850170	39	40	45	37	44	39	39	49	41	40	40	39
5310343	48	51	53	55	48	56	45	46	45	46	52	48
3710176	88	112	93	90	65	71	78	116	113	87	101	89
1450671	94	176	164	128	402	197	65	80	107	88	151	119
3830598	52	45	46	52	52	57	49	48	49	59	56	59
3830170	486	262	288	217	478	171	127	116	162	137	142	153
5340348	67	167	61	135	61	62	58	65	63	66	66	71
780356	51	60	66	196	62	42	58	65	55	58	46	62
5360070	453	818	1213	184	148	539	930	610	1125	1187	1351	1036
6250672	58	51	59	50	53	116	68	70	73	77	61	69
580100	51	100	72	57	57	89	101	95	131	125	177	120
7210136	68	151	330	90	137	52	40	38	47	52	42	45

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
1170671	56	46	43	45	4054	39	44	41	45	39	48	50
1580411	49	43	44	37	4110	51	35	39	46	40	40	40
20129	4514	2255	986	16101	5416	66	85	69	79	63	71	63
4220068	76	63	65	68	122	74	82	71	76	82	73	121
3940504	138	701	1267	141	408	87	83	98	76	73	103	113
770167	305	910	2913	197	615	101	129	120	143	180	83	140
4200451	72	95	124	54	55	101	158	85	144	184	183	151
3460152	68	101	155	51	50	109	186	104	169	215	222	139
2940398	106	123	144	53	58	114	242	120	199	236	308	179
2260424	54	56	69	60	56	79	85	104	52	58	64	102
1260025	407	378	474	512	459	309	304	281	283	314	286	302
5260014	333	431	514	109	90	318	778	368	819	765	762	532
2360632	71	67	56	80	78	66	79	72	70	63	50	72
6350437	66	121	154	96	222	69	54	56	52	48	54	43
4920019	76	76	71	74	76	71	72	72	89	80	77	76
7050053	164	108	555	51	59	67	59	51	60	59	61	54
2350730	62	56	62	65	52	67	58	64	69	48	56	57
6860446	81	66	89	88	97	71	79	96	84	92	75	107
6840609	58	70	87	81	61	78	127	59	57	80	53	70
5270022	41	35	46	45	42	51	65	52	48	53	49	53
2650484	40	39	36	44	46	48	50	49	50	45	47	48
5550372	71	71	71	63	77	71	69	67	60	80	87	77
1580487	145	72	94	145	243	202	276	272	167	205	211	275
6420356	40	44	43	45	49	46	48	44	40	43	42	42
5290711	45	53	44	49	49	46	41	46	40	48	47	41
780528	507	1578	1981	665	303	1715	2272	1761	2694	2261	2268	1951
5670722	58	80	66	73	86	52	64	65	74	66	71	72
3780291	262	746	505	151	406	140	67	202	120	160	108	112
2650673	37	46	47	46	35	44	51	45	49	53	42	53
7160376	74	71	62	65	67	60	65	55	66	65	55	57
6370414	218	77	82	698	92	40	45	48	45	39	59	44
670398	104	77	79	88	82	77	78	66	58	58	68	66
10187	1285	614	541	466	682	285	205	203	226	312	221	271
6100139	51	57	55	47	50	55	48	45	49	40	46	42
3390372	42	45	46	37	49	58	48	39	47	40	44	47
1450392	46	45	48	53	53	45	48	52	47	35	51	53
4010136	50	61	87	68	49	73	45	47	47	61	41	49
5390113	2825	788	712	664	2317	85	102	72	78	81	125	109
580754	48	36	42	44	41	41	39	42	38	48	52	45
2260445	63	65	58	457	67	61	66	61	59	71	55	52
1170047	2184	456	692	2839	4359	139	247	202	160	187	190	163

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
5860048	158	136	148	154	170	119	150	103	116	117	140	126
360296	54	86	112	67	73	73	75	60	61	56	74	146
540685	54	60	53	61	52	74	54	53	76	49	53	67
4280440	55	73	76	73	75	73	92	92	86	78	82	71
3830202	66	65	66	47	51	83	54	54	58	62	59	63
4010095	43	48	45	45	49	48	47	43	50	51	46	57
6900377	35	40	44	53	43	38	49	38	54	45	45	39
7650739	68	60	71	55	62	57	70	60	74	79	65	76
3870608	259	360	405	136	271	173	169	221	174	189	133	152
6370541	51	44	49	45	40	85	57	45	44	42	44	42
5860674	78	62	72	65	63	64	58	57	48	65	65	48
5820551	78	68	73	81	53	53	63	58	57	68	73	88
7510128	81	70	69	65	71	74	83	62	68	72	62	77
1230603	79	55	71	60	65	66	72	72	74	65	80	68
2710504	46	40	35	38	34	36	41	44	41	36	49	40
5220196	315	394	413	255	355	161	242	236	164	206	285	205
620041	40	48	38	38	39	72	52	49	43	40	36	47
6580626	45	262	183	51	164	42	51	44	44	46	41	45
2100711	57	128	82	51	54	63	46	51	53	44	46	62
2260274	41	51	52	37	43	53	47	38	42	43	45	47
4850746	69	54	61	63	70	67	58	73	62	61	57	73
7380678	38	33	38	35	33	42	36	34	37	34	36	41
4890750	166	164	277	94	72	105	126	113	104	98	113	82
5960672	660	1022	976	525	855	393	490	557	436	423	394	453
870477	9058	690	94	66	4633	44	74	62	54	48	65	70
2230341	75	62	64	72	68	59	65	62	70	70	74	66
1770497	66	53	57	64	68	41	63	64	66	56	66	51
5550553	61	87	129	73	164	86	72	69	77	124	123	85
4890671	67	63	65	96	64	53	68	71	57	59	66	74
20192	160	196	180	205	146	137	148	150	125	145	124	146
5900017	56	71	80	44	40	104	163	100	140	135	170	111
7040100	48	43	40	51	40	51	39	42	36	40	38	45
6220209	42	45	43	48	55	40	39	42	42	49	52	39
5570703	72	54	61	59	66	95	65	66	69	66	69	60
1190091	72	71	57	61	72	58	77	72	86	66	77	81
2370768	38	45	46	52	44	32	42	49	40	51	44	45
6420736	65	225	232	110	78	88	82	80	116	106	176	170
2450411	52	191	246	77	49	87	60	67	85	80	203	156
5720465	96	215	251	122	84	90	113	95	132	133	219	184
450736	72	69	79	73	75	81	82	90	71	79	63	95
7550086	37	35	40	51	41	50	42	41	41	41	45	48

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
940746	45	46	35	74	40	42	54	43	42	39	46	50
4280132	56	54	47	51	45	57	55	54	54	64	49	55
4280504	51	44	42	50	49	47	45	43	43	43	52	44
6330553	250	226	217	261	566	177	219	173	142	152	134	153
2100743	359	478	404	310	1372	167	369	243	152	155	158	176
6560523	224	230	221	186	599	113	169	125	113	95	95	106
5340338	831	568	1464	238	2332	107	190	113	163	194	368	144
6650196	76	273	344	106	162	131	168	202	113	122	91	181
6350204	85	63	72	71	82	60	65	59	76	63	62	71
1170605	531	235	169	338	627	88	57	67	56	71	58	59
670333	37	37	39	40	40	40	42	37	43	39	41	41
1410240	47	41	37	42	48	42	43	46	48	36	41	45
6370356	69	67	74	63	78	196	63	78	79	65	95	67
2510356	198	79	46	44	86	49	48	41	41	48	39	44
5270468	69	53	48	53	61	51	44	45	45	58	47	53
1030209	121	38	40	66	69	36	40	40	38	43	48	37
4200437	452	317	400	488	245	236	333	296	489	393	437	419
830543	39	41	36	51	45	59	38	39	37	37	43	41
5690112	59	96	86	44	62	63	47	47	42	53	48	50
3360095	80	72	77	110	73	72	75	73	77	70	72	89
7040678	48	53	43	41	44	52	55	55	48	48	55	51
4200541	147	132	128	269	1441	180	128	96	77	101	93	97
2370646	52	60	52	46	51	41	42	41	39	51	55	42
5130100	42	48	42	36	42	44	41	52	50	55	54	253
1660243	36	39	40	39	38	36	43	39	34	36	50	36
6220307	64	58	57	1457	68	70	54	61	77	74	114	70
3460446	72	87	73	80	71	72	93	76	71	85	72	68
2940403	420	1340	1413	351	556	534	717	920	586	597	675	683
1580215	158	153	143	173	164	161	128	135	135	133	173	133
130463	57	56	48	48	67	59	48	55	50	62	56	57
4120703	140	103	95	183	123	78	57	47	48	57	55	49
6980367	47	51	46	49	65	75	64	65	49	64	54	50
3180156	69	64	64	47	69	60	57	56	60	61	60	56
3780193	50	114	141	93	107	55	53	40	43	42	42	58
5130255	37	41	42	53	46	40	42	39	42	44	58	45
2850703	51	57	51	63	72	80	65	76	69	64	65	54
7400072	71	65	62	60	63	70	71	77	72	59	69	75
7210240	69	72	56	61	73	54	71	78	79	73	75	64
5270619	2625	978	720	434	2355	76	73	69	78	60	88	72
2030451	42	45	41	44	41	44	44	46	46	46	45	43
10504	50	48	37	37	1358	45	36	44	41	46	51	40

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
2230008	51	37	38	52	39	37	40	40	42	41	41	51
3180025	46	49	49	40	49	51	36	46	40	48	39	42
2480228	69	59	64	89	68	53	68	55	61	52	55	58
6110022	81	75	83	77	73	69	74	86	71	76	65	87
4290014	408	379	532	329	483	326	456	391	336	393	300	374
7550368	91	80	61	88	81	82	86	74	62	69	74	64
7000575	79	65	73	77	65	69	95	105	70	76	71	81
5700095	59	66	56	68	58	48	60	52	69	57	66	67
2570500	69	55	70	92	76	66	56	74	63	74	67	75
1660341	68	67	71	72	77	107	68	60	62	71	240	68
1400433	71	69	61	69	54	87	68	61	73	73	79	71
4610592	57	66	61	70	62	63	66	61	71	53	66	68
3170204	41	47	59	47	48	58	47	45	48	42	53	48
6860154	44	43	43	201	41	53	41	45	41	50	42	65
1260468	52	35	47	55	38	43	44	42	43	43	46	45
4780278	71	60	56	65	56	65	70	61	62	65	74	57
240053	259	98	105	67	217	84	63	105	89	99	183	121
4610520	44	40	40	186	36	36	41	42	44	48	53	40
3190167	43	51	53	43	48	41	48	47	48	47	44	57
5340730	60	68	45	50	62	63	46	81	69	60	58	55
940692	35	39	39	41	39	41	50	40	47	39	34	42
7320193	126	98	102	42	61	45	49	43	44	56	55	74
6330477	73	74	74	92	78	63	90	74	69	92	76	75
2340553	131	174	95	88	175	112	132	136	133	122	145	99
1660184	45	45	38	46	50	42	49	38	40	42	46	45
450368	45	36	49	43	34	50	39	41	51	46	45	47
3830044	50	51	75	47	55	73	58	55	59	50	45	56
6290554	145	153	237	112	177	59	80	63	134	94	45	72
3830332	90	62	76	68	75	68	74	76	70	64	80	61
1050414	90	86	104	208	105	53	66	71	80	60	105	70
780600	808	505	498	1423	1246	121	143	116	120	215	114	238
7050333	68	65	70	73	62	59	62	83	82	61	61	83
4290465	54	47	60	51	141	43	43	56	52	48	58	56
5720482	597	850	884	180	559	90	114	199	154	216	163	259
5260070	144	86	62	96	121	614	1592	1236	416	647	610	2184
610201	108	72	575	826	172	115	71	84	76	88	117	80
5570279	180	230	273	185	485	167	206	205	194	195	227	206
290730	78	120	172	172	105	118	75	89	95	111	118	223
6200669	130	190	148	115	95	104	78	74	75	88	114	152
6290685	64	74	87	60	102	76	69	68	70	79	67	79
6110630	790	1148	1093	2022	1000	584	565	703	762	929	796	828

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
5050402	214	288	294	490	276	169	164	228	244	279	236	299
2970019	55	59	63	74	105	78	56	62	55	51	48	71
610451	678	810	430	474	554	196	170	301	269	284	182	331
6100022	489	684	377	260	383	208	244	248	264	329	312	332
870301	77	72	59	54	97	53	64	63	60	75	79	72
5260091	53	63	58	50	36	130	147	75	116	86	72	80
3460608	59	77	54	57	70	71	71	61	63	56	73	55
6590131	1274	103	69	66	117	51	61	69	57	65	66	68
2140196	75	69	54	67	69	64	66	66	61	63	75	76
990091	80	70	57	62	63	53	65	74	82	69	84	66
2260747	53	72	136	84	59	67	64	71	49	48	44	58
3170403	64	61	71	63	59	63	52	71	53	55	66	61
5570711	73	50	53	62	73	80	58	85	56	74	70	161
4920131	46	41	39	47	40	42	54	45	41	41	34	63
3290368	43	46	46	35	95	77	260	133	155	157	53	47
4120161	42	48	41	48	44	46	47	47	47	41	45	38
6200044	45	54	43	47	46	59	52	53	45	51	41	56
5420386	54	72	57	62	47	65	90	66	146	152	76	75
1230538	52	56	42	50	47	62	77	56	49	56	68	46
380259	57	51	49	46	44	47	40	53	48	49	52	81
2140376	75	74	60	93	56	62	68	65	58	59	55	70
870626	90	85	79	83	84	74	79	84	73	84	113	69
4040474	63	52	61	71	63	79	57	63	58	50	82	51
7200719	504	777	591	1384	501	289	427	373	287	347	314	345
2100196	386	217	262	344	307	1033	1066	1290	807	1176	946	1128
2690224	306	312	357	295	400	324	345	331	289	255	333	267
730722	70	75	74	65	65	61	73	61	67	64	81	52
7610170	46	49	50	47	152	59	42	45	46	40	39	55
6960563	47	38	49	34	52	50	41	45	39	43	47	36
7320349	86	122	158	79	72	76	71	107	90	73	74	84
6960739	76	72	62	88	56	60	82	77	84	82	96	69
5390435	50	46	45	47	49	42	59	47	43	40	56	51
4060192	99	77	500	79	131	66	73	81	74	69	57	82
6220309	124	84	74	77	86	57	81	78	72	86	74	72
5490711	44	59	44	44	46	58	56	51	34	44	64	44
4390291	77	87	61	80	59	65	63	69	65	90	64	102
2000274	37	40	41	48	40	49	48	38	39	40	38	37
6960259	93	71	68	77	57	72	82	73	79	84	73	132
3370544	55	69	53	49	52	54	64	57	55	72	60	74
3130711	97	70	78	83	66	69	71	79	70	56	79	83
4810703	65	92	62	84	74	102	80	71	59	69	73	72

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
6660671	46	54	39	52	50	71	42	48	44	39	57	38
1940193	76	115	93	64	233	65	83	155	86	79	98	88
990112	190	75	76	808	84	67	93	97	82	77	65	80
4810424	40	38	45	41	40	57	38	41	43	34	32	36
580292	50	74	55	58	75	55	63	57	68	69	66	61
2320296	56	325	119	42	36	61	38	42	42	43	54	42
3990739	67	88	144	78	61	81	69	52	77	75	53	59
2030259	38	39	36	42	36	44	42	42	45	41	43	40
5490040	72	76	59	72	67	72	74	54	63	67	66	72
6400703	154	190	177	79	90	95	110	105	123	114	128	125
1570184	42	46	45	38	52	59	48	46	47	57	51	64
3610730	141	145	182	357	81	80	68	54	48	52	47	59
7380392	62	96	87	60	78	65	54	71	67	52	74	88
5900273	78	74	72	102	82	73	95	65	68	59	81	90
1510075	44	39	45	40	38	39	45	49	38	45	44	48
6860634	54	74	75	52	52	90	47	51	54	47	44	48
6620259	83	82	71	103	71	78	118	82	73	85	112	77
540204	62	58	75	76	56	62	80	67	79	66	55	86
5080259	40	40	47	49	40	49	49	38	48	46	46	41
990086	47	47	42	46	58	44	46	44	47	44	52	51
3140259	50	50	53	45	45	59	44	57	50	55	47	48
2100189	278	239	246	256	386	232	145	154	102	138	149	141
4250246	287	453	466	297	180	393	406	251	361	354	408	352
1980079	88	75	83	105	85	88	122	149	157	152	164	67
4850300	42	40	53	36	47	132	90	120	74	84	71	117
6520440	54	60	57	55	62	65	71	61	64	56	76	57
4210561	279	142	142	394	469	145	67	105	99	96	87	85
510632	69	70	77	67	66	132	79	84	76	105	88	86
4050398	46	45	43	50	50	47	45	46	40	50	63	45
5960524	66	72	62	71	60	73	78	64	71	71	58	77
460202	33	39	36	44	38	168	71	107	146	77	47	148
3780491	71	76	65	80	60	66	72	57	88	70	76	80
5290707	68	87	67	123	73	67	70	99	68	72	61	59
1450619	51	40	40	48	36	41	39	40	42	41	53	44
3190524	328	1039	850	218	242	175	322	226	268	304	374	250
3840445	49	47	50	215	54	86	54	51	50	50	55	45
2060414	58	55	71	58	63	69	69	60	51	65	115	68
5860289	37	39	41	36	39	40	42	38	37	40	38	42
430446	48	47	42	42	40	46	52	42	42	41	42	50
7040142	619	112	117	947	307	75	74	148	72	87	66	97
3460685	1369	156	180	2384	638	50	50	184	43	44	38	71

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
5490358	44	42	47	40	45	49	46	38	47	44	59	46
4390100	45	41	46	43	42	788	113	111	63	58	65	125
3140427	69	68	63	59	60	61	73	57	72	69	121	83
4390398	8478	779	189	95	944	76	109	107	76	84	102	110
520465	45	55	39	51	47	49	51	43	40	46	47	46
1570148	42	41	42	42	46	43	42	35	46	42	41	46
5860528	67	86	54	68	62	58	73	59	60	63	42	66
3180615	65	70	75	74	60	66	63	70	72	81	53	78
6840209	45	55	54	49	57	54	53	49	55	48	62	55
3710161	64	51	68	84	73	60	74	62	77	66	64	62
1470168	49	52	40	44	44	43	41	37	43	43	56	46
2900343	42	42	37	39	38	39	39	39	46	34	38	40
6420450	207	383	347	136	2186	130	134	182	112	140	94	154
4220482	46	40	46	50	48	49	47	54	47	50	48	44
5260672	64	91	71	87	69	76	83	89	101	82	79	76
6980632	95	112	64	98	277	87	61	60	49	57	53	66
6660687	135	277	223	90	229	110	98	61	97	85	109	114
2690438	64	92	87	101	76	100	84	70	64	83	89	83
5270551	133	145	170	144	122	102	181	154	187	183	152	141
240343	57	67	79	57	48	62	55	56	60	61	46	56
1240408	71	73	82	67	46	90	71	58	60	56	87	66
4480528	100	69	92	76	61	186	66	85	65	66	245	63
240386	69	92	76	56	70	149	75	96	94	112	105	115
3780767	64	88	111	74	76	500	70	84	139	99	277	81
6620373	60	82	79	69	66	119	78	78	81	73	61	93
3930669	68	62	47	47	65	50	57	59	57	62	65	71
5490307	78	59	64	65	62	54	84	50	57	76	65	72
3060187	449	1561	888	289	1031	233	164	156	157	121	184	268
2490132	71	55	66	58	64	45	65	60	50	56	51	54
4150685	146	392	286	66	185	98	82	67	62	65	71	83
2260037	68	67	68	73	101	77	66	73	62	65	71	59
1260064	79	128	135	112	213	140	153	133	128	157	157	137
1660220	153	205	188	139	107	127	143	160	115	105	139	122
6400484	51	54	65	58	66	77	71	59	64	70	68	70
4850189	47	51	54	38	40	50	45	49	45	44	40	50
4760196	50	68	68	67	67	73	58	71	55	59	75	60
670670	42	43	44	42	46	51	49	49	42	46	48	39
6370008	56	65	74	62	55	56	57	60	61	72	68	49
4490594	3880	6791	5773	3330	4920	1490	2047	2324	1543	1139	1896	1678
2970152	74	68	79	64	66	70	58	69	65	63	68	62
1820288	75	68	82	66	69	174	69	92	116	102	299	87

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
3360327	91	96	110	83	79	114	139	117	138	126	115	133
4480762	74	89	72	88	87	65	72	77	68	75	62	76
4280093	100	123	124	72	123	91	59	66	59	57	173	54
3850367	95	102	129	85	135	449	255	271	310	232	679	214
110333	67	61	66	57	61	86	69	89	95	102	66	80
3610520	77	172	149	76	89	84	76	61	70	64	77	61
2710121	89	1753	1123	113	91	106	125	110	96	114	84	110
5670372	2302	944	729	512	1750	72	73	61	67	60	85	81
670066	64	52	51	64	58	55	80	49	60	58	64	56
2360739	54	55	54	39	62	51	46	56	52	46	45	48
380519	85	68	97	90	101	166	100	91	114	112	268	109
4040113	66	61	85	85	80	65	66	86	70	75	62	88
6130152	100	79	91	70	113	82	102	97	58	80	100	63
5960328	91	82	77	86	77	83	95	89	65	103	76	70
4590332	74	59	65	63	64	62	71	71	81	76	61	60
4780754	61	59	62	42	59	61	61	68	71	68	46	45
2120189	117	91	105	70	89	73	81	61	115	80	70	89
1410747	79	72	65	69	65	75	74	70	60	76	65	76
5820746	118	82	77	72	87	79	109	75	92	62	75	106
6020242	59	52	59	54	53	55	84	63	60	69	59	59
6580088	298	330	241	309	301	160	166	62	112	94	211	200
580445	173	104	71	81	93	69	66	69	80	79	79	63
6400414	172	110	101	107	129	60	72	69	59	63	85	69
5870653	62	51	45	59	55	40	46	61	51	53	68	52
5560707	75	138	157	93	77	45	60	80	74	71	73	61
6290450	56	95	66	63	62	63	66	56	63	51	50	64
4760673	67	59	70	69	64	51	61	60	70	75	60	63
6770706	65	81	51	65	64	48	58	51	57	53	67	55
6180546	52	66	67	62	58	67	63	61	65	74	64	66
4390386	73	72	85	84	93	62	70	88	105	77	103	62
6350091	51	59	62	58	63	50	46	44	54	46	65	52
1570286	81	84	75	72	91	68	74	71	59	84	47	67
1510519	68	73	78	54	69	73	78	84	67	78	76	83
60546	63	56	47	61	60	61	69	63	59	59	51	59
5700360	61	77	68	58	70	67	82	66	75	68	62	65
5420324	73	57	79	89	56	98	69	100	78	66	70	84
50291	67	58	59	72	84	62	79	70	66	87	63	76
2340088	60	54	58	63	58	51	65	60	60	48	54	52
6840278	54	55	64	64	61	63	59	53	58	68	61	66
2060372	277	508	675	169	449	130	164	213	169	176	136	184
5720491	245	267	227	138	286	175	187	195	150	142	174	157

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
6770746	146	749	759	97	167	82	196	178	282	418	668	422
5670280	431	597	545	234	565	195	170	257	135	144	160	180
5080138	71	76	71	69	74	57	61	98	76	74	69	82
4760192	86	78	64	73	59	83	73	75	73	84	60	70
2650056	69	88	91	75	80	76	79	85	66	82	105	77
1850168	66	71	65	73	65	68	63	74	67	71	74	68
6770441	61	81	68	78	79	87	75	84	70	80	94	64
3060703	81	539	381	72	61	106	101	61	88	127	100	98
2810504	72	92	111	63	73	150	104	84	82	88	99	90
3170431	1200	1104	699	265	1242	96	106	134	86	93	69	83
6660162	221	75	114	87	126	94	86	103	93	96	126	264
7150324	503	554	516	411	653	70	75	71	135	148	72	104
2810687	218	302	334	206	308	168	199	227	169	218	193	197
4490544	48	62	63	47	40	56	51	46	50	42	39	49
3990561	82	88	95	80	62	76	70	86	63	94	63	86
240220	59	117	51	48	42	113	111	100	146	170	240	143
6370754	46	49	46	45	50	47	42	47	44	48	57	51
3140349	66	69	62	48	59	72	109	58	66	73	59	86
5910612	75	78	82	73	73	92	87	69	78	65	65	85
4200722	45	39	43	42	46	44	43	50	40	40	50	43
6660368	337	379	252	109	383	46	44	46	44	42	48	43
4590477	1416	1629	1248	464	2428	73	62	81	87	70	58	67
1400142	76	74	69	62	61	76	64	67	61	53	54	53
270470	67	62	65	81	65	51	75	58	59	74	61	60
6900170	46	39	35	49	44	39	45	42	41	45	37	38
3170450	138	144	162	65	114	79	64	72	49	60	53	81
1450446	50	59	43	57	53	71	55	57	53	75	51	52
5670709	95	92	107	71	101	86	75	80	81	77	110	75
6770408	205	972	1215	129	84	218	447	203	273	303	592	207
6290494	309	1142	1056	242	254	322	440	322	315	394	488	273
6020170	414	1485	1673	228	163	387	798	438	615	797	1138	548
5490068	188	503	227	315	1368	64	40	45	44	47	45	49
4540414	199	197	186	185	158	174	169	145	167	140	195	173
3780437	40	44	39	38	36	43	41	37	45	42	42	36
3520338	57	316	259	56	54	44	48	48	54	51	56	57
770682	116	804	771	94	129	86	66	80	74	87	92	77
7330367	69	70	69	62	70	106	63	72	69	65	70	58
2370632	72	94	78	76	67	172	82	130	111	67	106	123
4760626	39	40	50	1231	44	41	45	47	41	56	44	37
3180528	3452	590	42	340	292	44	45	46	46	44	38	46
1230228	67	81	70	69	64	65	75	63	65	80	62	63

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
4150598	46	45	45	46	50	51	48	36	40	46	51	46
3060273	44	48	44	48	42	56	50	39	43	46	51	37
7200601	55	113	230	76	75	80	55	52	53	55	57	59
7650026	67	289	608	108	186	91	85	92	91	106	128	109
1850315	66	71	57	72	66	57	68	76	78	64	76	63
2490070	76	71	57	60	77	62	63	54	85	89	77	59
1300240	85	81	65	90	64	67	85	74	76	90	77	86
6980762	45	46	39	390	45	57	43	48	38	43	47	49
7380670	864	3750	4889	118	237	72	121	66	91	98	80	82
5340220	45	39	45	40	46	62	44	37	46	45	46	39
6100360	47	48	51	52	62	93	52	49	55	56	49	47
3990577	90	61	64	49	67	59	62	83	68	69	71	74
1710692	49	46	68	47	51	59	56	55	49	48	44	52
1450468	71	73	62	68	60	55	53	52	55	59	52	59
6250040	201	258	228	194	156	157	180	192	201	163	168	152
5890170	50	55	49	51	53	42	49	37	51	41	47	52
2100296	238	86	139	85	251	50	71	66	75	57	70	58
3180681	1307	141	98	75	948	61	49	50	37	50	54	52
7650538	2197	1601	1498	2566	1099	55	51	53	45	46	46	42
4060438	53	43	46	52	47	55	51	50	49	52	53	50
1660767	38	45	41	46	47	60	48	53	50	59	42	49
1570309	92	95	108	65	71	87	124	72	126	135	134	107
4610669	103	138	177	69	64	104	222	156	496	244	214	146
1990731	56	61	50	61	50	74	64	60	51	48	56	63
7610441	71	69	70	71	70	65	90	70	77	67	96	81
5670129	47	46	44	47	57	41	51	40	50	57	54	56
7050220	48	64	201	52	54	56	72	63	72	93	64	62
3140131	46	35	39	36	42	39	46	43	47	49	54	49
4880138	44	68	260	42	44	35	47	43	38	38	37	40
5340458	197	145	184	86	126	84	79	62	57	77	73	63
580181	86	98	114	56	111	61	49	54	52	54	52	60
3940520	703	1499	1100	522	955	598	507	533	522	492	761	455
4220326	61	55	63	59	73	56	69	70	84	70	196	163
2320215	472	572	440	302	516	53	51	49	52	51	92	69
7100541	78	119	157	73	73	72	61	59	65	64	68	63
3360707	44	46	46	45	41	55	45	49	40	44	44	65
3450286	64	64	71	55	53	74	87	75	63	62	60	71
840494	46	41	52	39	44	39	47	50	35	42	40	43
6770131	1877	203	46	53	153	38	39	43	44	41	47	43
4610333	176	70	57	63	53	47	67	59	62	59	48	69
6350192	74	73	75	76	69	87	60	77	67	73	83	63

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
110189	61	54	57	71	68	66	76	56	64	52	64	60
2480431	67	69	67	65	50	64	54	71	52	64	74	61
450020	105	56	59	49	63	45	59	53	64	60	58	56
620202	75	72	75	95	58	97	113	78	73	94	87	99
3930379	121	348	281	459	231	96	105	148	80	79	96	92
7100431	810	2320	1165	258	2265	64	61	60	87	78	73	104
5490301	260	809	393	131	368	92	87	96	71	80	71	108
3890601	57	68	61	74	85	79	71	74	70	69	53	86
1240195	40	42	39	40	50	38	41	45	42	46	41	42
4850528	65	54	70	64	64	62	72	45	91	73	61	67
2650075	52	48	40	47	41	51	41	43	47	45	45	49
5900608	65	76	75	76	69	70	81	74	75	65	63	66
20112	49	57	49	46	51	46	47	48	48	58	58	59
2900064	62	59	67	66	50	47	77	57	66	52	72	67
4850070	52	45	46	53	45	71	55	57	45	68	46	63
1090451	72	66	56	75	61	87	76	78	79	68	63	59
3420554	37	69	149	42	49	220	509	235	480	518	519	351
2970370	48	51	51	44	41	112	131	325	110	206	224	136
7570753	45	82	43	51	43	110	52	56	48	50	49	60
6290008	40	38	49	39	53	52	47	43	44	50	66	39
1510014	506	774	631	401	1262	260	378	269	215	298	459	287
7200609	95	55	69	66	82	93	115	155	130	71	82	79
520176	51	47	46	50	53	81	63	70	83	53	46	45
4210678	80	69	94	65	106	45	82	83	70	71	65	74
7040019	46	40	45	35	44	52	41	39	47	42	40	41
110347	285	127	177	234	173	133	149	137	162	169	123	163
4120427	51	50	53	58	59	56	69	58	61	60	41	58
1260762	107	58	56	61	74	50	70	71	68	50	60	70
1510332	94	77	68	69	75	58	75	78	58	70	78	66
3140373	56	39	43	46	47	45	42	38	46	45	57	50
1580437	79	46	40	43	48	44	43	52	44	44	45	47
770739	75	82	77	91	88	73	73	73	105	97	78	75
1050168	48	38	37	41	45	51	42	45	46	39	48	100
3310093	150	176	224	223	103	136	147	98	131	95	135	168
1570039	595	1296	786	136	942	190	80	241	143	185	159	209
6200168	189	405	306	230	782	125	125	120	92	132	106	128
4010519	46	46	55	53	49	47	54	54	55	61	51	52
2480424	1321	843	666	1151	737	258	1023	1142	584	652	523	628
3850064	322	906	778	288	291	119	146	119	132	153	140	173
3450332	58	48	57	68	59	42	56	50	62	57	65	55
4780139	56	66	65	61	64	67	67	53	59	63	63	65

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
6330187	55	117	126	53	62	83	64	49	53	54	64	41
6840739	85	95	94	64	91	72	68	65	94	75	60	103
6420687	64	66	67	78	71	58	72	68	68	67	70	77
7150132	934	1764	1594	658	1343	354	285	338	262	247	291	345
5810253	216	475	630	162	151	151	257	160	192	229	325	172
2710452	53	65	177	53	72	51	48	44	40	45	47	46
7400598	65	66	92	79	84	172	80	73	67	78	90	77
770615	48	45	41	50	47	44	50	49	45	48	37	46
290136	44	51	51	43	55	65	58	55	47	43	48	48
6450746	55	42	48	42	50	44	47	44	51	48	42	47
4250626	72	74	87	82	115	131	111	87	138	135	136	119
5390474	56	37	48	39	41	41	35	37	40	34	40	38
4480301	47	52	56	55	56	61	46	48	56	75	51	54
2690519	54	51	56	49	49	69	43	50	53	58	48	54
2260615	679	808	886	403	821	484	498	539	377	446	374	470
4780373	77	165	135	146	82	76	92	92	81	82	192	79
6330593	52	51	51	48	48	56	55	75	51	53	56	53
940646	58	72	55	60	65	60	68	79	52	74	74	67
6900414	81	69	66	67	74	115	63	92	77	70	89	70
6400465	2727	1159	739	1335	1901	49	45	53	57	74	124	71
3850603	61	72	77	61	71	66	82	82	54	79	98	78
2350132	41	40	46	41	39	131	68	85	74	85	70	50
130754	54	45	46	47	46	52	43	45	45	45	55	49
1510291	668	1150	1428	245	622	1107	3369	1298	2843	3083	2152	2090
5960224	334	482	825	144	249	611	1215	476	1695	1117	937	842
5490689	57	69	67	89	65	61	57	59	66	75	59	56
6400603	44	55	83	87	594	43	41	55	46	39	59	44
1410603	189	272	261	142	313	102	113	182	118	105	103	127
2760239	47	71	70	54	522	46	44	51	49	49	41	47
450132	182	271	274	165	188	126	189	158	117	106	140	143
3420372	166	74	102	100	352	131	88	71	78	80	127	89
1300187	158	109	129	143	105	105	100	115	115	138	169	98
3610170	70	66	63	61	74	67	72	106	76	73	50	76
6350475	66	68	68	67	68	69	80	59	77	70	75	68
6590438	42	49	47	41	55	45	44	41	44	51	46	42
1260722	63	54	48	51	66	75	52	62	68	61	54	60
4010592	53	57	57	61	71	45	56	53	60	54	68	64
7160739	60	54	69	48	54	78	63	62	59	69	86	72
2650370	1081	1579	1510	1002	1079	567	352	417	468	542	677	565
2570220	173	169	199	222	387	139	112	148	131	125	172	156
3930372	62	57	68	83	55	65	68	59	64	58	69	66

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
7560497	42	45	46	43	44	88	47	46	43	48	49	44
1510424	1604	146	100	60	149	38	44	41	51	43	49	55
130338	50	54	51	49	55	52	56	57	55	69	59	55
1690563	46	47	51	50	47	47	46	56	40	49	49	65
4050291	51	40	50	36	42	55	46	41	41	40	45	47
3710022	59	54	44	42	49	59	48	52	34	52	45	43
2350482	117	65	68	72	68	75	63	60	63	68	46	69
5050270	65	119	99	59	62	61	63	47	51	73	63	68
3850767	47	73	102	56	825	90	55	60	50	53	60	71
4900520	65	70	76	69	68	64	84	76	64	72	100	88
5260343	56	54	56	65	59	91	193	126	132	122	45	52
520370	60	69	88	76	61	71	67	60	67	53	65	66
6840154	40	43	37	45	38	43	41	41	46	51	46	41
3130706	64	56	59	79	73	71	71	77	79	72	86	69
3990278	38	41	43	38	45	42	48	43	39	42	50	42
4890021	53	52	60	178	50	52	47	47	43	46	49	46
5720379	69	74	86	65	79	81	80	79	83	71	72	83
5700441	41	45	45	31	39	54	44	49	48	48	54	49
6770333	50	51	51	50	49	58	44	51	47	47	49	48
1050563	49	43	40	41	46	49	51	44	43	52	52	43
830095	46	46	40	39	37	38	47	39	50	42	41	47
450246	61	64	70	58	65	61	69	60	88	67	65	76
2970112	68	87	78	82	75	70	80	67	70	76	78	65
1710356	53	71	70	68	58	63	66	73	61	65	61	68
510561	49	44	42	49	54	44	39	42	44	47	49	51
5670082	50	51	49	38	52	64	57	47	45	51	57	52
730093	47	120	111	39	43	46	38	43	39	42	36	42
730148	67	68	80	87	66	145	65	61	60	64	78	67
4220053	54	232	110	56	1452	52	38	51	50	46	47	47
270301	68	64	58	72	68	71	66	81	70	66	71	75
2070372	61	64	73	67	77	69	77	77	69	76	83	84
1580653	162	114	134	200	141	89	92	94	92	109	112	90
10066	51	52	58	41	50	59	50	53	53	51	51	60
3120286	51	55	50	65	54	50	55	56	51	56	68	60
6480450	55	49	37	61	41	43	54	48	46	47	49	42
6650152	57	58	78	62	60	51	54	55	72	64	65	49
2570672	40	37	47	41	49	41	44	47	38	40	42	39
4670138	85	225	333	55	49	40	50	48	53	58	139	58
20609	68	131	127	82	117	75	64	75	57	81	131	104
4480390	46	59	56	40	40	45	39	39	37	41	40	41
7380152	311	342	445	614	282	458	270	346	359	399	370	368

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
2810762	66	65	50	51	62	69	66	50	65	64	61	66
1740692	60	77	72	81	63	63	77	63	61	70	66	79
2450452	1375	854	643	339	1638	200	300	210	245	314	353	261
4850576	43	41	42	51	33	42	43	41	40	44	55	41
510133	306	554	743	183	481	124	157	164	137	156	110	158
2640598	58	68	68	54	67	48	58	60	69	71	65	61
6330730	43	41	41	47	46	65	654	99	68	80	197	236
4560228	77	75	82	55	95	84	63	66	78	56	53	61
4610201	171	141	201	91	112	159	173	147	145	146	147	181
6510156	520	238	292	126	784	136	55	172	178	178	105	220
5390767	74	79	62	60	82	63	50	61	56	62	55	51
5490465	79	75	78	66	85	61	54	89	68	68	73	77
6960438	93	105	100	76	103	75	61	72	63	67	76	70
4060025	67	68	88	62	77	64	100	64	70	74	48	63
4850711	79	95	101	67	132	107	101	85	74	89	79	75
3990497	188	533	501	358	322	302	250	348	198	162	163	280
4200711	101	97	119	102	85	107	71	105	91	99	77	80
3180647	117	139	137	69	100	73	71	64	59	55	105	67
1090196	58	52	68	59	58	54	64	68	75	98	111	123
5260280	98	94	104	80	87	87	76	67	66	78	82	77
6290091	374	685	587	219	341	195	173	175	132	149	146	171
2710687	74	61	64	56	61	78	73	77	85	86	73	76
6270731	70	67	73	57	68	60	56	46	65	62	57	67
3840091	123	180	110	95	198	86	79	79	75	78	80	87
2510164	833	1339	546	198	345	201	164	156	278	394	225	320
580161	463	902	215	138	142	133	81	70	158	238	137	181
380685	1314	1395	452	233	424	156	140	156	399	361	201	316
4210044	86	107	111	58	103	82	65	65	68	79	63	79
2450020	107	173	267	66	126	86	68	107	62	70	62	86
20543	78	79	66	66	77	66	69	59	70	72	65	66
4390044	63	56	68	61	66	54	61	68	65	59	46	64
3870156	68	94	87	58	64	68	73	61	64	65	51	65
1850273	70	101	147	71	106	94	88	86	65	67	71	70
3310037	52	45	41	47	41	45	45	49	46	61	53	49
3370736	305	1147	904	378	232	787	366	678	467	428	678	613
5310368	44	56	47	51	45	40	37	36	44	34	48	43
160433	50	39	48	46	44	49	46	42	39	46	47	44
2070735	251	1243	681	143	264	165	106	170	136	136	140	205
3710711	561	2322	1299	267	662	223	165	247	181	170	217	273
6860138	56	54	63	61	54	62	60	61	51	62	52	52
5340692	56	282	309	162	114	134	88	120	116	112	136	128

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
270347	983	201	323	192	457	190	108	150	132	199	200	239
2690577	60	53	54	54	60	54	54	47	47	61	47	56
870475	97	68	78	60	72	60	72	66	60	77	68	65
540014	64	66	57	55	50	73	72	74	65	56	61	60
6040433	37	55	51	54	44	51	39	46	44	37	42	41
4810730	59	81	78	79	74	56	65	55	68	81	62	55
3180639	41	35	43	38	36	35	40	34	38	34	37	40
60017	59	59	57	62	79	59	68	84	71	69	74	64
3520768	44	42	41	46	36	40	127	44	39	40	44	43
4280192	211	136	170	82	1162	70	78	71	63	75	66	77
770255	72	76	178	69	75	71	64	63	71	73	81	75
1770603	1500	83	57	41	329	37	39	40	42	38	43	42
1410192	225	78	77	413	116	69	80	78	67	75	76	80
1230672	43	43	43	43	49	54	50	45	41	48	43	39
4040632	59	58	66	52	59	50	78	66	67	67	49	55
4730376	41	46	40	36	43	45	37	42	44	54	36	46
4900634	41	38	38	47	43	45	42	38	46	46	45	44
4290209	447	375	451	882	1478	216	208	283	176	246	335	255
940674	45	49	38	41	51	46	40	35	41	46	55	45
3360762	91	71	74	100	120	93	75	98	60	60	72	84
6180750	42	40	38	43	38	38	39	39	37	40	39	36
2320168	45	44	42	56	51	57	45	40	46	45	60	48
6980470	42	40	47	46	54	45	40	41	46	44	38	39
2640301	178	94	61	124	177	41	38	44	58	50	48	62
6100484	122	72	75	92	83	57	76	60	74	56	61	50
6060376	74	78	92	90	67	64	100	75	73	92	72	71
2570161	108	155	127	87	107	90	77	72	111	132	232	117
990441	43	45	48	49	45	41	48	53	51	45	52	48
4730564	109	161	184	140	168	247	196	223	213	249	257	184
4890092	79	185	182	69	366	120	96	102	77	114	132	78
430300	66	55	70	54	65	55	63	80	58	59	71	55
3850326	45	43	38	43	41	55	40	41	43	47	49	42
2030709	76	66	81	83	66	74	67	71	57	73	86	76
5260253	42	41	35	41	42	64	33	43	38	39	43	42
6040731	40	52	40	41	46	93	41	43	44	46	41	48
6420605	78	73	55	73	61	104	80	312	130	191	656	3701
4250367	64	82	130	73	65	70	79	61	64	70	67	54
3930086	702	887	848	665	860	884	453	641	516	710	698	675
6580059	1255	933	1083	1746	3054	97	158	78	176	202	126	168
1070088	67	75	59	72	65	57	68	52	62	60	57	66
6370703	40	33	41	40	43	39	40	40	41	47	45	39

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
6860392	63	66	59	63	63	55	69	75	68	60	79	63
2190408	46	57	53	47	51	72	55	49	47	58	40	50
3390215	52	53	62	53	66	78	61	57	72	58	63	55
7000619	329	293	267	314	268	73	71	54	66	74	71	69
5420189	44	53	44	49	75	38	48	44	46	43	38	39
5570181	72	65	49	54	66	67	65	65	54	60	57	61
5810730	44	42	38	37	50	47	35	42	42	41	36	39
5900228	61	87	62	67	72	68	69	68	65	70	63	67
5360601	68	79	71	66	117	79	79	93	67	75	69	72
7610524	64	62	50	60	49	55	60	57	62	56	52	50
2850619	76	75	77	71	78	83	67	70	83	84	87	69
3130372	44	52	45	46	52	51	43	54	44	50	64	62
5910414	45	46	47	44	44	44	55	46	47	44	59	48
5870091	62	58	66	57	64	50	63	46	70	54	55	56
1090008	36	38	41	41	41	52	32	43	42	43	40	38
70451	6773	3117	2291	2123	4596	82	80	76	84	80	62	86
3710026	54	80	103	50	49	57	63	49	54	53	89	46
4260286	82	74	92	110	77	77	98	82	85	80	78	78
2810451	37	42	40	39	38	42	41	36	50	52	44	47
5700431	122	258	234	113	79	109	110	114	100	135	110	114
1240746	68	63	69	67	66	78	58	51	63	66	66	61
2710343	42	43	45	44	64	41	49	47	44	44	40	48
6840202	69	75	59	65	69	43	61	57	64	70	55	62
6940431	54	54	53	59	58	255	288	146	214	346	106	170
4490743	52	50	52	64	62	48	59	58	60	54	63	64
4810632	68	62	69	55	63	54	62	62	59	51	51	64
5220753	70	66	69	64	75	60	68	67	90	58	62	80
6200091	55	64	56	59	62	56	54	65	55	73	83	60
2690279	55	51	50	44	46	50	49	52	44	45	47	38
6590523	58	189	167	48	85	101	52	71	66	69	139	72
670414	45	53	63	77	63	53	154	55	71	66	63	56
4490288	46	42	43	42	43	44	58	70	37	45	49	45
6580717	218	71	44	229	141	52	42	94	44	47	49	58
5560411	181	204	207	173	242	174	109	131	114	132	119	143
1170154	109	138	149	89	103	107	72	106	112	119	91	139
3290152	83	119	139	54	74	137	77	84	68	79	95	117
3310592	1163	2748	2289	895	1515	659	770	895	583	467	772	612
3450750	2616	5307	4138	1750	3608	1238	1509	1874	1304	813	1488	1157
3400070	167	214	233	208	231	167	114	148	119	134	127	153
20603	554	716	612	483	726	174	160	199	180	182	173	177
6580113	76	47	53	60	61	63	64	53	57	65	70	51

ProbeID	[[015], Normal BM Myeloid Cells (CD33+) Comprehensive RNA, MBA_2350	[[016], Normal BM Stem/Progenitor Cells (CD133+) Comprehensive RNA, MBA_2351	[[017], Normal BM Stem/Progenitor Cells (CD34+) Comprehensive RNA, MBA_2352	[[018], Normal PB-Immature Myeloid Dendritic Cells Comprehensive RNA, MBA_2353	[[019], Relapsed/Refractory AML PBMC Comprehensive RNA, MBA_2354	[[020], HAEC P5 Human Aortic Endothelial cells, MBA_034_R	[[021], HBMEC t (Human Brain Microvascular Endothelial Cell), MBA_2100	[[022], HCPEC t (Human Choroid Plexus Endothelial Cell), MBA_2103	[[023], HDMEC t (Human Dermal Microvascular Endothelial Cell), MBA_2112	[[024], HDLEC t (Human Dermal Lymphatic Endothelial Cell), MBA_2113	[[025], HLEC t (Human Lymphatic Endothelial Cell), MBA_2124	[[026], HIMEC t (Human Intestinal Microvascular Endothelial Cell), MBA_2129
5870008	68	81	54	67	4192	54	57	56	50	62	67	56
7050201	75	59	58	70	52	51	64	81	69	60	69	62
150735	59	57	55	47	55	56	46	54	56	53	54	65
510066	68	46	52	57	68	60	63	77	63	72	71	57
1470162	82	72	82	79	72	58	70	72	45	72	73	53
3520168	72	212	356	183	73	150	1107	970	706	624	531	444
1980538	67	76	62	81	69	53	73	71	69	67	77	65
5820026	139	61	85	94	82	99	76	76	84	64	86	75

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
4850086	44	35	32	45	43	41	35	37	50	45	46	38	38
6110592	76	74	68	90	77	63	83	136	117	42	69	98	83
3190082	53	52	59	49	55	47	55	62	60	54	50	48	52
1450100	51	47	51	40	41	43	54	51	43	46	50	53	42
5490382	42	40	51	39	38	34	35	42	42	38	46	42	40
3520709	116	73	77	67	74	91	79	77	68	107	77	80	78
3120681	45	42	43	42	41	44	43	50	48	40	47	41	40
2030161	57	71	68	62	63	91	64	73	102	70	57	169	65
270709	63	67	81	62	86	80	65	76	100	79	55	61	72
2320377	48	46	41	46	43	47	47	43	46	45	39	45	44
1260270	80	86	73	87	85	64	77	92	71	91	71	74	113
2760274	57	47	48	43	46	54	39	50	50	48	50	48	48
2650736	50	48	59	53	51	48	51	43	51	51	45	39	46
5910010	71	71	68	88	66	80	70	78	87	76	79	65	73
5310524	84	126	114	96	89	81	116	101	119	89	82	110	143
3780156	44	45	50	40	48	41	49	48	47	59	46	41	43
1050561	60	72	75	61	78	70	59	66	75	63	73	71	67
2480040	42	51	41	44	45	48	49	40	50	45	46	47	46
5910309	38	35	40	37	34	37	36	34	36	33	37	39	38
5810050	83	123	199	90	128	93	115	103	102	125	109	92	62
1030184	44	52	50	46	50	49	48	48	48	46	45	48	48
3460279	49	60	52	55	50	48	58	50	48	62	47	48	57
4570364	64	77	86	80	88	77	64	72	72	88	82	70	69
6380020	58	62	64	78	70	70	77	56	64	76	60	78	67
3780468	77	68	63	63	62	64	57	54	65	69	62	70	61
240541	53	48	57	48	50	46	50	47	51	48	47	43	56
2630010	53	61	51	52	61	62	56	47	65	49	59	56	58
1740669	36	38	39	38	34	36	42	39	32	39	41	54	40
2340577	47	43	41	52	41	52	47	57	41	43	67	54	61
1850521	56	67	59	52	63	55	95	56	69	68	144	73	89
2650594	42	40	40	46	43	41	41	42	43	41	46	37	42
130110	144	244	271	269	237	164	152	56	290	162	212	60	52
4830376	44	43	41	45	46	54	46	48	40	48	40	47	51
7200435	141	63	68	56	49	58	57	64	55	56	52	48	123
6290239	66	58	65	62	69	70	84	86	63	74	71	67	63
2480241	153	152	174	236	261	250	173	183	207	324	247	116	151
5080561	145	149	118	148	161	189	154	164	191	130	92	259	194
1770253	42	39	41	47	49	40	37	46	47	40	53	42	41
6280440	50	39	39	47	49	55	37	44	38	35	46	39	62
3450347	42	40	45	40	45	47	46	42	49	41	48	46	45
3170100	47	40	50	46	46	48	48	42	49	48	42	152	46

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
2600554	79	65	65	61	75	68	64	81	79	75	80	62	71
2510253	110	59	65	62	51	52	64	66	62	49	71	275	268
7570477	214	243	385	371	218	225	215	180	231	319	246	123	138
7510424	339	303	444	455	228	318	314	235	336	394	330	197	169
6040452	67	60	65	62	65	62	59	154	50	63	63	67	64
1850068	315	278	320	363	221	301	261	221	294	220	252	474	205
6110440	62	89	58	69	61	62	71	68	66	63	74	61	73
6960035	40	39	37	43	36	43	35	41	39	46	54	52	46
7050215	42	49	51	48	53	46	53	40	47	45	45	122	44
1710242	158	229	279	220	294	292	251	418	216	188	172	291	193
4890670	80	89	82	68	64	87	62	75	78	87	88	86	72
4540468	78	54	66	61	60	69	67	54	72	74	59	72	58
6510360	264	198	231	237	200	219	172	191	156	225	187	222	308
6110102	57	74	62	56	80	86	57	44	47	63	58	45	53
6110152	41	50	45	51	42	52	45	41	44	49	50	61	57
2490044	105	100	101	83	103	72	96	102	99	70	111	123	92
1070224	49	61	59	53	60	57	94	51	51	63	126	56	52
2070377	62	64	58	52	72	64	72	63	62	64	66	71	66
2000128	40	41	42	37	41	47	43	40	44	37	44	45	39
6100241	35	37	43	41	40	38	42	38	37	42	38	56	41
6420689	133	63	56	59	80	72	62	60	71	76	65	61	66
6060347	48	50	55	60	45	52	56	57	48	46	68	46	52
6040156	102	79	89	53	73	78	64	76	65	69	68	93	196
3870593	82	74	76	65	69	74	139	70	66	69	123	76	72
3610180	39	46	43	46	51	55	45	41	48	47	43	41	48
6450403	37	32	44	49	40	36	45	44	47	45	50	46	40
4260280	67	66	67	67	63	68	66	78	66	75	58	69	73
6650215	69	68	77	65	77	79	78	91	77	74	69	95	84
2190139	39	42	45	45	39	42	53	40	37	41	43	46	38
4850170	49	46	44	41	39	42	40	43	44	39	42	51	39
5310343	48	46	50	45	48	35	40	45	42	47	41	55	53
3710176	107	69	77	86	74	83	68	79	83	98	91	95	78
1450671	109	176	116	94	207	142	155	165	98	123	161	118	188
3830598	47	54	47	54	49	58	52	52	55	51	50	53	53
3830170	158	127	128	118	144	136	135	149	115	112	136	137	160
5340348	60	70	59	65	67	71	56	61	63	70	51	57	58
780356	56	58	53	64	57	61	59	68	64	53	54	65	69
5360070	831	900	898	1093	870	840	686	698	1338	404	463	1206	482
6250672	62	71	70	67	70	81	78	63	72	74	123	196	138
580100	77	52	106	129	87	74	76	83	71	65	91	61	64
7210136	46	46	55	43	44	48	46	44	42	49	45	44	47

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
1170671	46	48	44	45	42	51	44	41	38	44	43	41	45
1580411	36	41	40	39	44	37	36	36	41	37	45	38	30
20129	63	83	64	77	81	75	80	73	67	79	81	70	63
4220068	85	65	85	67	95	76	60	70	80	83	65	88	67
3940504	116	70	79	92	92	108	83	81	101	100	73	95	100
770167	122	130	161	291	116	159	120	91	183	223	111	77	95
4200451	123	132	132	177	133	95	108	91	184	65	97	173	68
3460152	142	165	145	164	152	143	142	104	200	82	86	188	70
2940398	157	175	196	229	196	224	141	127	217	98	114	218	111
2260424	80	53	65	57	66	54	60	924	73	56	78	134	58
1260025	299	301	274	304	300	299	244	283	349	172	318	279	310
5260014	528	631	526	875	402	542	433	343	942	236	366	797	251
2360632	112	51	66	55	67	65	72	69	60	67	67	67	54
6350437	47	46	50	44	47	47	43	85	46	53	42	54	114
4920019	92	71	63	76	75	79	64	65	68	78	70	79	65
7050053	49	57	57	59	62	77	58	67	52	71	58	53	59
2350730	59	58	51	67	54	69	72	72	60	54	67	77	53
6860446	74	87	93	84	90	70	86	75	86	100	103	104	75
6840609	67	68	73	76	89	78	64	102	86	72	69	210	83
5270022	49	39	42	43	50	48	53	70	51	52	46	163	62
2650484	47	49	41	40	43	48	47	52	45	42	49	53	41
5550372	74	65	69	92	83	60	65	66	82	87	71	116	73
1580487	188	211	258	126	170	280	203	240	169	404	208	184	100
6420356	38	44	45	36	48	44	51	53	41	40	46	47	51
5290711	46	44	42	39	43	45	42	46	40	41	48	44	48
780528	2279	1948	1829	3129	2215	1360	1909	2293	2865	944	1530	3071	1324
5670722	83	70	56	54	73	92	69	71	79	81	75	78	81
3780291	147	177	193	82	111	114	186	183	116	290	124	66	161
2650673	41	45	44	46	51	52	45	44	40	43	45	43	41
7160376	66	67	59	64	65	68	66	73	64	58	76	73	61
6370414	40	44	40	44	38	41	45	46	44	42	48	44	43
670398	79	80	65	66	67	63	72	164	61	60	70	167	71
10187	161	280	277	309	236	123	236	253	228	132	254	177	252
6100139	49	52	50	47	51	46	43	46	42	50	42	46	55
3390372	161	41	43	48	47	46	43	42	41	44	44	106	511
1450392	42	47	45	43	50	49	48	50	47	49	48	44	45
4010136	52	55	50	44	54	54	68	49	50	47	52	67	58
5390113	94	101	43	118	111	77	101	74	101	66	68	99	136
580754	49	51	37	49	39	46	44	44	45	47	53	39	40
2260445	50	57	53	51	58	71	59	65	72	64	56	72	60
1170047	231	117	241	137	193	143	106	1047	233	104	139	238	174

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
5860048	87	116	145	118	121	98	130	96	144	50	126	108	115
360296	56	62	62	55	51	66	62	57	65	73	56	209	73
540685	62	55	56	68	53	65	59	68	65	51	70	58	73
4280440	83	72	71	68	85	89	64	78	99	106	79	77	92
3830202	44	66	46	59	56	44	52	54	61	51	49	61	49
4010095	49	45	49	49	43	45	46	46	50	56	47	43	51
6900377	48	41	45	42	46	34	38	42	38	41	42	46	38
7650739	67	64	61	64	62	74	57	72	56	57	65	64	76
3870608	187	153	224	160	181	175	180	227	162	195	199	199	143
6370541	48	43	159	47	40	41	49	41	45	42	47	48	40
5860674	66	53	72	70	63	65	56	58	54	59	60	57	70
5820551	68	72	56	70	74	68	66	78	69	78	62	91	56
7510128	76	57	78	69	72	83	101	89	70	89	76	64	84
1230603	73	78	65	63	62	81	69	70	78	68	61	73	70
2710504	36	38	45	41	35	42	41	41	44	41	41	47	45
5220196	156	183	245	209	225	177	172	204	237	181	178	166	152
620041	40	32	45	39	40	42	45	42	49	41	41	36	44
6580626	61	48	45	53	44	40	42	59	62	42	46	93	83
2100711	51	52	60	51	51	46	42	44	47	56	49	48	51
2260274	63	41	39	47	40	43	55	39	41	49	38	45	40
4850746	63	73	75	68	62	65	60	62	59	65	63	60	80
7380678	39	40	38	33	38	34	39	37	39	41	35	30	31
4890750	111	82	123	116	84	98	89	122	111	102	94	93	105
5960672	386	437	449	450	485	412	492	447	540	365	417	535	482
870477	64	59	54	58	60	64	66	54	68	57	61	63	78
2230341	83	79	65	77	73	74	70	72	86	71	62	62	80
1770497	54	61	65	47	66	69	59	64	61	75	58	58	51
5550553	67	94	107	60	63	79	101	98	90	172	74	60	93
4890671	79	80	56	65	82	85	82	219	68	65	66	79	58
20192	110	138	131	142	122	182	140	91	179	163	146	127	116
5900017	98	116	129	127	94	98	90	157	172	57	96	182	63
7040100	151	54	52	43	49	42	44	41	40	36	45	45	52
6220209	46	44	45	43	45	44	44	42	46	41	46	37	48
5570703	59	72	52	52	57	72	63	68	67	58	63	80	67
1190091	69	70	75	67	64	74	63	71	64	63	69	54	65
2370768	40	40	36	37	40	38	39	40	40	43	46	256	36
6420736	117	132	122	115	80	79	169	75	79	91	103	106	99
2450411	61	112	112	79	56	56	125	50	61	83	69	73	70
5720465	117	138	126	103	88	86	172	87	103	131	125	111	97
450736	65	79	78	86	83	78	76	76	81	87	81	65	72
7550086	45	43	43	41	43	37	51	40	41	38	40	41	40

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
940746	43	37	35	48	47	42	50	46	40	46	45	42	52
4280132	56	54	59	56	57	51	59	52	57	59	57	51	52
4280504	46	44	49	48	44	48	37	47	53	45	49	39	42
6330553	211	178	168	151	161	183	168	237	159	198	167	282	242
2100743	212	181	202	202	157	244	193	313	171	435	177	337	329
6560523	127	113	105	110	107	136	110	177	109	141	102	178	129
5340338	126	140	135	118	157	154	146	159	163	100	135	223	116
6650196	160	219	165	122	160	128	238	145	86	140	215	402	201
6350204	70	68	62	73	68	91	77	76	68	72	69	73	70
1170605	119	69	84	55	50	56	65	450	62	77	84	135	277
670333	38	37	43	37	44	38	40	160	42	34	41	45	43
1410240	46	41	40	38	47	45	41	148	57	35	42	45	45
6370356	216	65	81	85	67	72	88	95	62	176	141	130	75
2510356	30	41	48	37	50	46	48	46	46	41	42	45	34
5270468	50	51	53	44	43	43	46	44	56	54	49	44	53
1030209	41	40	40	39	32	39	38	51	37	41	36	42	46
4200437	472	478	372	351	357	237	480	471	295	186	413	331	290
830543	39	41	50	38	51	37	44	45	35	35	40	38	37
5690112	56	48	40	52	38	37	48	40	40	39	48	52	50
3360095	80	63	72	67	61	59	76	64	53	64	67	65	71
7040678	49	57	48	57	50	48	53	48	58	50	48	200	62
4200541	263	179	118	109	155	203	143	95	88	177	160	200	502
2370646	46	37	42	41	41	44	50	80	42	41	45	51	44
5130100	48	39	45	44	45	36	50	44	48	43	57	50	42
1660243	37	42	41	41	38	42	32	41	38	40	43	46	39
6220307	64	62	72	100	66	67	71	62	62	58	59	62	47
3460446	71	79	83	93	83	84	82	93	107	77	64	81	82
2940403	694	510	550	736	536	673	552	696	721	839	652	842	1113
1580215	127	115	144	123	124	214	124	126	136	218	143	117	177
130463	53	56	55	57	58	51	54	46	59	57	58	50	58
4120703	47	48	40	60	50	56	51	57	54	51	52	61	128
6980367	57	66	73	57	76	55	53	55	71	52	47	54	52
3180156	95	47	63	69	56	73	50	66	51	69	55	54	49
3780193	49	33	44	102	50	52	43	45	70	43	45	67	64
5130255	39	44	43	35	43	42	43	43	49	39	42	44	40
2850703	62	73	68	57	64	64	61	61	59	69	57	58	52
7400072	69	72	82	76	72	81	68	62	78	57	60	72	67
7210240	82	71	62	68	76	64	68	65	80	78	57	78	69
5270619	100	75	61	101	64	73	62	123	72	71	64	91	71
2030451	42	52	45	48	50	45	49	46	52	47	40	51	50
10504	42	45	41	41	43	45	42	45	44	42	49	47	38

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
2230008	35	37	39	43	40	41	42	46	41	40	38	42	43
3180025	41	41	37	37	42	39	48	41	42	37	40	45	40
2480228	80	63	63	68	76	79	74	66	59	63	75	68	69
6110022	85	81	84	87	80	83	92	85	89	76	73	68	74
4290014	361	370	337	382	530	438	373	337	418	384	393	446	516
7550368	79	97	81	82	108	71	72	165	74	73	75	111	99
7000575	72	66	71	82	81	76	77	80	85	96	100	73	79
5700095	58	47	64	61	57	60	62	51	61	58	53	61	59
2570500	65	73	72	70	67	64	71	69	68	65	90	79	83
1660341	76	88	73	82	67	99	65	67	99	56	68	71	64
1400433	62	57	65	55	57	65	58	60	70	59	68	53	67
4610592	210	65	61	66	53	64	61	62	71	69	63	59	151
3170204	40	36	40	50	44	48	48	38	51	51	36	54	48
6860154	52	47	65	43	45	44	44	43	47	44	48	39	41
1260468	41	49	39	39	41	45	51	44	40	44	45	40	40
4780278	61	82	64	60	68	66	57	60	67	70	58	55	66
240053	80	73	107	135	69	64	78	57	115	67	53	152	64
4610520	135	43	41	44	42	46	39	47	41	43	35	41	38
3190167	51	49	55	54	47	44	47	47	52	43	45	61	43
5340730	70	61	69	59	56	51	82	57	71	63	62	57	65
940692	40	47	35	37	43	41	41	44	43	42	36	48	38
7320193	49	45	39	46	44	40	45	43	41	48	51	41	39
6330477	60	75	75	72	83	77	73	93	86	96	84	68	69
2340553	100	126	138	89	88	125	126	82	160	225	134	105	88
1660184	37	43	40	53	40	47	37	54	41	42	41	44	36
450368	53	43	31	42	47	50	48	52	41	45	42	41	58
3830044	67	66	54	58	53	49	56	73	61	51	61	55	60
6290554	87	72	72	83	66	75	77	106	82	79	77	68	90
3830332	64	69	66	75	71	78	59	72	65	67	83	69	73
1050414	74	83	63	95	68	63	64	74	71	75	66	91	73
780600	166	61	96	262	70	262	79	52	650	240	46	68	129
7050333	73	75	62	71	70	70	87	71	69	78	75	80	67
4290465	49	56	56	47	47	49	50	60	57	52	48	49	50
5720482	119	90	279	229	74	73	126	51	171	344	78	103	154
5260070	957	500	987	633	450	812	461	319	1198	1412	1467	636	382
610201	90	100	82	81	129	90	73	85	151	75	112	403	94
5570279	299	207	237	248	233	264	187	215	206	224	186	241	241
290730	336	116	198	150	154	198	212	746	97	119	173	233	213
6200669	194	116	131	140	119	117	134	403	83	54	107	129	123
6290685	66	75	69	89	94	65	59	92	74	70	80	93	67
6110630	1101	546	935	1305	1264	1153	634	1326	672	488	710	591	893

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
5050402	327	219	245	400	338	212	190	406	222	137	211	178	269
2970019	64	57	60	81	81	56	49	112	65	52	61	68	51
610451	319	189	260	379	277	343	323	421	244	228	210	272	336
6100022	253	231	245	405	298	379	220	263	361	307	194	301	236
870301	67	69	73	70	70	68	58	65	65	64	67	101	69
5260091	110	117	102	99	139	128	88	106	99	70	81	154	265
3460608	59	66	66	64	67	58	69	52	62	72	59	53	62
6590131	58	78	64	61	77	68	88	72	53	75	78	45	72
2140196	62	63	56	63	69	76	77	62	57	62	60	80	72
990091	64	78	85	70	64	68	65	78	72	68	68	81	61
2260747	62	51	65	64	58	67	66	63	61	65	70	68	58
3170403	43	51	70	48	54	56	58	60	63	70	72	59	77
5570711	63	68	71	177	63	44	54	61	170	61	61	67	52
4920131	41	44	45	34	50	41	35	54	34	47	49	47	44
3290368	45	75	131	88	85	126	59	43	54	51	52	60	38
4120161	39	45	56	36	45	41	40	44	37	39	44	53	53
6200044	44	47	67	54	50	46	48	52	47	49	49	71	46
5420386	425	70	69	102	91	115	124	49	86	46	77	661	104
1230538	60	47	41	63	53	45	50	285	54	51	55	104	72
380259	43	45	52	116	46	58	45	48	119	36	44	43	49
2140376	68	59	55	65	75	75	71	70	76	66	60	71	69
870626	69	82	75	72	85	78	70	89	83	65	83	78	84
4040474	57	57	52	55	59	59	50	72	53	67	51	54	53
7200719	282	316	528	280	354	445	308	357	269	518	397	272	212
2100196	417	546	1130	1698	1039	981	663	233	1592	814	1517	344	474
2690224	262	255	260	253	333	346	300	416	357	304	331	338	417
730722	67	90	59	98	69	68	63	55	74	72	65	84	59
7610170	50	49	42	46	51	192	131	48	47	72	47	57	41
6960563	37	40	50	43	49	42	45	45	40	40	45	50	39
7320349	89	70	86	71	74	85	80	81	66	76	77	73	76
6960739	68	66	84	82	95	74	82	76	61	82	64	57	56
5390435	44	49	45	45	45	49	48	47	42	46	41	37	42
4060192	77	70	68	70	86	92	67	77	81	87	69	69	83
6220309	74	82	70	71	68	93	74	62	72	61	82	80	62
5490711	37	48	46	46	48	42	44	42	43	49	48	52	47
4390291	118	61	70	97	73	79	79	75	59	66	81	76	85
2000274	41	41	41	38	44	36	44	43	39	39	34	42	39
6960259	170	61	76	68	62	71	78	63	64	63	65	80	66
3370544	60	68	76	64	60	61	71	65	62	65	61	55	53
3130711	56	101	68	83	69	83	76	130	70	57	88	82	61
4810703	173	78	68	73	71	86	80	273	74	85	122	177	256

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
6660671	143	58	42	46	37	54	62	345	40	50	68	148	142
1940193	172	83	100	112	76	74	77	293	128	83	74	113	75
990112	94	84	71	100	82	74	72	90	81	88	76	78	77
4810424	33	37	39	37	45	52	43	38	43	38	40	38	49
580292	70	64	59	79	62	66	65	60	61	60	78	53	64
2320296	37	34	38	40	54	45	46	46	38	47	43	40	43
3990739	68	59	71	50	69	69	79	63	69	65	71	67	59
2030259	40	38	40	38	40	36	41	40	46	43	39	35	34
5490040	67	62	73	57	65	79	55	63	68	69	68	69	80
6400703	80	94	142	98	80	139	138	96	105	128	114	102	96
1570184	46	47	96	55	53	86	54	49	45	212	44	46	53
3610730	58	53	51	53	38	50	52	321	50	49	50	88	65
7380392	56	63	51	56	51	65	58	87	72	66	69	50	72
5900273	73	71	83	84	85	95	70	81	105	81	87	80	82
1510075	42	46	48	39	52	41	46	41	42	41	42	57	43
6860634	48	49	48	52	47	54	52	58	50	60	53	47	54
6620259	143	106	92	94	82	163	85	209	91	92	75	103	202
540204	79	70	72	91	79	79	68	78	72	59	78	98	149
5080259	45	47	44	46	37	40	44	39	44	41	45	69	47
990086	39	44	43	47	42	51	40	47	49	47	53	42	43
3140259	42	52	51	50	46	56	49	38	40	47	52	65	52
2100189	117	104	130	112	134	162	138	119	126	205	162	173	149
4250246	326	366	443	322	314	438	381	605	342	593	279	464	416
1980079	86	77	81	149	94	82	84	93	85	88	111	111	95
4850300	100	75	112	69	105	98	128	125	70	188	142	172	112
6520440	58	69	65	56	68	60	75	63	55	49	64	963	57
4210561	147	82	127	53	69	98	129	159	79	182	129	90	107
510632	65	75	96	82	80	131	100	129	78	98	112	75	75
4050398	279	52	48	46	49	43	52	43	44	42	46	43	44
5960524	70	67	59	62	76	63	69	84	71	63	59	57	86
460202	78	155	93	112	176	72	115	122	160	37	216	157	52
3780491	78	70	66	69	84	73	80	57	58	71	94	85	69
5290707	73	67	80	70	82	61	75	78	67	64	73	73	90
1450619	40	45	47	41	43	41	43	44	41	47	43	40	35
3190524	225	219	271	214	222	282	189	255	316	261	208	320	180
3840445	16370	39	50	49	48	62	43	4778	51	45	44	90	16716
2060414	100	49	65	60	66	63	65	65	64	61	74	65	63
5860289	8673	39	39	34	47	45	39	1255	41	43	38	45	11050
430446	49	55	46	47	43	56	50	48	54	45	44	214	54
7040142	240	81	85	108	78	87	90	78	68	80	85	93	148
3460685	370	49	48	89	33	44	50	72	57	38	73	59	159

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
5490358	64	47	52	43	53	41	45	2033	47	46	55	108	222
4390100	6444	78	53	56	325	66	56	6134	52	52	54	167	10650
3140427	76	67	77	58	93	73	57	71	65	64	55	52	60
4390398	1070	90	80	94	131	89	100	187	97	82	100	319	255
520465	46	45	43	43	38	44	52	33	52	44	45	39	47
1570148	41	38	49	39	41	36	44	41	43	43	44	40	36
5860528	62	57	59	76	55	58	64	64	64	60	57	73	73
3180615	166	61	60	81	83	60	77	125	69	66	77	88	239
6840209	48	52	55	51	53	55	56	53	55	62	47	45	49
3710161	68	58	67	69	69	79	77	61	71	72	58	112	74
1470168	40	48	40	45	42	42	55	45	40	40	44	40	36
2900343	34	38	38	40	34	39	32	34	42	32	43	40	43
6420450	122	141	173	107	127	128	153	143	129	216	190	100	109
4220482	51	47	55	46	48	45	48	52	42	45	46	42	39
5260672	87	78	87	103	113	137	83	86	72	98	76	104	87
6980632	498	65	63	65	65	67	60	248	61	79	58	102	371
6660687	102	104	93	81	85	79	94	81	110	89	84	71	91
2690438	79	73	76	80	69	76	95	60	83	134	79	66	71
5270551	145	173	133	210	198	126	177	150	221	80	123	288	168
240343	57	60	54	58	68	54	51	55	59	54	48	53	53
1240408	56	59	62	63	55	56	66	64	67	62	56	71	62
4480528	77	64	55	96	70	142	64	51	97	55	69	64	61
240386	74	91	122	67	82	117	74	68	92	70	121	91	77
3780767	87	95	111	74	93	74	146	73	112	78	83	113	202
6620373	63	106	98	65	83	71	73	67	90	61	90	82	75
3930669	71	65	68	58	54	63	54	60	58	62	60	62	51
5490307	60	63	70	77	64	76	62	66	63	73	73	63	62
3060187	91	194	452	100	107	178	216	214	142	385	173	150	95
2490132	46	53	58	67	61	57	53	57	51	63	67	54	61
4150685	75	56	70	70	82	65	58	71	74	75	68	77	58
2260037	86	69	70	75	72	91	72	577	75	83	56	314	139
1260064	112	132	123	153	140	141	135	118	141	230	143	126	201
1660220	89	113	92	123	141	130	103	117	109	123	159	132	81
6400484	69	64	62	66	64	63	56	64	67	66	51	69	63
4850189	44	46	53	44	42	49	45	47	48	51	55	56	59
4760196	61	62	60	68	62	79	55	59	74	64	67	52	85
670670	45	48	47	48	45	42	42	45	47	45	53	46	53
6370008	54	69	46	68	54	60	56	63	75	59	56	63	72
4490594	1259	1225	1847	1041	1049	2127	1891	1385	1495	7167	1601	1745	1519
2970152	1601	55	66	70	76	88	65	71	68	59	66	74	366
1820288	79	95	80	138	76	103	100	77	150	64	127	82	75

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
3360327	160	118	123	136	140	105	124	99	147	78	122	144	123
4480762	66	64	66	69	63	67	62	70	61	67	71	116	69
4280093	63	53	65	66	60	111	69	58	85	110	50	58	52
3850367	174	352	231	293	348	264	393	157	307	144	646	235	210
110333	140	75	72	98	73	58	67	195	69	61	66	118	238
3610520	69	67	67	65	71	79	65	71	79	70	60	68	67
2710121	110	87	92	97	92	85	87	157	74	83	97	204	145
5670372	60	59	72	54	56	67	57	56	59	60	61	80	80
670066	68	57	65	62	66	89	65	59	58	66	63	70	58
2360739	48	44	64	57	50	42	53	51	42	54	50	54	39
380519	103	89	85	129	108	130	110	91	145	74	136	97	75
4040113	65	77	69	72	73	89	70	97	72	92	71	84	72
6130152	83	85	66	86	77	98	95	84	77	91	103	72	80
5960328	118	78	75	92	88	89	100	79	103	104	79	70	90
4590332	60	67	60	67	61	56	77	68	73	76	59	68	79
4780754	67	48	65	53	61	75	53	62	54	67	55	69	61
2120189	66	85	80	85	68	61	83	69	72	57	62	136	48
1410747	63	76	82	69	59	63	60	59	70	77	75	66	62
5820746	426	77	80	85	79	70	69	81	93	84	94	79	139
6020242	58	65	58	54	54	64	62	67	86	63	73	75	63
6580088	77	191	241	87	140	178	133	165	77	129	72	145	126
580445	89	68	68	71	71	92	71	85	82	79	96	76	90
6400414	66	69	66	64	53	74	60	63	50	112	90	60	57
5870653	11798	64	61	56	57	51	69	327	58	48	55	49	12051
5560707	73	66	69	62	78	69	67	53	86	58	61	80	58
6290450	66	47	62	54	66	65	55	56	64	51	68	53	67
4760673	79	66	66	69	74	58	56	67	65	67	70	67	70
6770706	52	58	57	56	68	53	55	62	51	66	56	56	47
6180546	62	69	61	56	52	61	60	62	58	58	62	60	69
4390386	98	83	92	80	107	79	77	72	69	70	73	72	66
6350091	62	52	57	57	56	50	58	56	59	57	55	55	56
1570286	66	73	76	74	68	63	84	72	53	65	76	71	72
1510519	72	74	76	68	75	75	66	94	64	67	87	85	61
60546	64	74	56	61	62	62	57	49	63	66	72	67	61
5700360	65	72	74	82	68	80	70	69	66	74	82	48	120
5420324	73	73	81	96	88	58	81	90	115	55	91	90	99
50291	67	66	62	72	66	73	58	68	71	71	61	55	71
2340088	56	50	63	58	60	58	47	58	53	61	60	68	50
6840278	55	67	59	54	63	55	51	62	62	62	64	60	72
2060372	120	141	196	141	133	178	185	169	167	256	170	111	117
5720491	157	165	161	176	169	170	186	197	182	162	179	160	178

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
6770746	141	179	199	87	124	179	146	93	99	170	132	99	86
5670280	169	153	329	121	136	189	170	173	152	321	147	148	234
5080138	73	74	68	51	86	67	74	75	74	77	73	75	91
4760192	4359	75	80	73	73	75	78	108	75	73	69	70	1230
2650056	88	95	77	71	76	85	71	75	89	95	101	86	64
1850168	68	70	74	65	69	73	71	75	80	74	71	64	80
6770441	63	58	71	65	67	70	73	68	71	92	62	51	69
3060703	66	100	117	79	67	82	88	113	124	128	70	97	110
2810504	97	75	91	82	87	88	101	134	70	95	157	109	137
3170431	103	102	118	86	80	79	110	109	68	164	87	99	68
6660162	100	83	113	144	93	126	113	78	87	100	67	64	92
7150324	67	62	89	71	65	66	90	67	105	74	71	73	63
2810687	159	202	194	169	172	189	193	196	184	217	219	169	158
4490544	38	40	34	42	41	45	42	41	47	47	41	40	45
3990561	64	79	76	69	72	90	98	73	67	88	65	99	76
240220	71	56	152	125	132	60	97	80	59	61	130	49	63
6370754	35	45	41	46	45	46	38	50	43	46	49	46	43
3140349	70	53	66	71	68	57	67	49	63	67	91	70	67
5910612	78	59	80	73	93	63	74	83	81	65	72	60	70
4200722	42	44	48	51	44	41	43	42	46	48	42	40	42
6660368	45	43	52	40	42	46	42	45	41	46	46	49	43
4590477	83	77	75	72	68	66	76	80	70	91	62	78	62
1400142	56	68	57	68	103	63	59	62	65	73	72	67	60
270470	53	69	63	54	43	61	71	86	49	75	69	69	64
6900170	47	44	40	41	42	41	42	42	46	45	43	44	37
3170450	58	65	71	53	61	73	71	54	62	189	52	62	53
1450446	71	71	62	64	63	56	53	67	72	64	66	55	70
5670709	73	87	81	70	92	87	64	86	77	124	100	112	74
6770408	198	215	232	291	268	367	190	167	333	170	145	319	203
6290494	302	335	378	362	327	305	275	302	471	240	253	451	281
6020170	572	562	675	595	563	574	466	563	1010	275	362	831	528
5490068	44	47	52	52	49	53	45	52	50	43	40	64	79
4540414	192	128	171	159	170	180	149	152	169	197	163	183	136
3780437	40	42	52	35	38	32	37	39	37	36	35	33	41
3520338	55	88	61	49	77	58	69	67	43	56	141	93	72
770682	74	91	77	94	83	75	73	74	101	86	63	73	95
7330367	74	73	61	72	58	67	79	61	60	63	61	69	61
2370632	84	124	139	91	120	125	121	117	95	179	145	131	77
4760626	46	42	45	49	45	44	42	48	41	40	52	43	38
3180528	422	41	55	41	37	45	47	164	38	39	35	50	701
1230228	665	66	68	61	63	91	58	1846	93	71	75	84	168

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
4150598	40	40	34	43	47	35	43	49	46	39	40	45	42
3060273	48	46	50	47	39	47	50	44	43	48	43	48	39
7200601	200	55	58	51	48	58	47	161	54	55	58	57	138
7650026	712	74	96	91	73	85	94	437	82	122	91	104	353
1850315	68	77	67	70	79	69	64	75	63	63	71	78	73
2490070	230	61	60	64	76	64	67	589	65	76	81	73	67
1300240	67	68	74	72	86	80	73	69	81	95	63	72	90
6980762	48	45	44	55	43	47	39	50	46	41	39	40	49
7380670	81	76	74	98	89	134	80	65	103	84	83	225	72
5340220	56	40	40	41	43	38	46	49	41	47	37	40	131
6100360	56	46	51	62	54	53	47	46	51	48	48	43	42
3990577	70	69	61	67	77	65	69	68	58	63	67	67	68
1710692	51	53	50	53	58	56	53	64	50	51	50	52	58
1450468	62	60	62	58	56	58	47	51	65	64	60	69	50
6250040	193	134	164	125	129	188	200	250	147	193	166	300	334
5890170	53	49	47	46	49	47	50	43	57	46	43	45	51
2100296	77	58	74	61	58	65	69	68	59	52	60	62	61
3180681	49	48	49	53	46	52	48	57	46	53	51	48	49
7650538	46	39	53	44	44	42	40	45	40	43	41	39	39
4060438	473	53	47	48	53	61	50	54	68	53	50	54	130
1660767	57	52	44	48	50	45	53	50	50	56	47	64	49
1570309	96	108	119	112	99	119	98	98	120	73	82	126	76
4610669	183	176	177	225	138	161	179	137	216	132	102	522	127
1990731	61	45	59	64	65	59	59	63	57	60	63	76	68
7610441	85	68	73	76	102	57	66	69	91	86	86	47	59
5670129	48	48	45	43	43	55	46	54	45	47	51	48	45
7050220	341	62	86	109	64	51	96	46	61	65	66	204	89
3140131	48	57	44	41	39	40	44	49	42	44	47	48	38
4880138	47	39	42	39	43	40	41	48	42	41	36	40	41
5340458	75	67	54	64	66	81	65	131	66	46	70	100	148
580181	64	46	54	59	52	47	47	72	54	54	60	59	62
3940520	541	517	453	484	404	498	539	339	539	601	370	564	739
4220326	144	58	72	59	67	48	65	69	69	65	69	62	57
2320215	52	82	68	48	51	55	93	40	61	54	71	83	47
7100541	132	59	69	73	61	71	60	78	93	60	70	116	146
3360707	34	43	49	41	41	51	52	46	51	55	42	46	53
3450286	50	57	59	48	59	57	85	72	54	54	72	63	53
840494	37	37	43	40	45	45	39	37	37	40	34	38	37
6770131	44	44	46	38	42	43	48	39	49	46	46	47	47
4610333	59	67	69	65	61	58	50	67	54	55	64	58	57
6350192	70	72	86	63	82	82	59	80	73	71	73	66	99

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
110189	68	59	51	61	55	60	60	57	58	60	57	69	47
2480431	71	66	58	69	69	64	60	65	62	65	93	49	50
450020	61	58	61	61	62	66	70	64	55	70	59	66	64
620202	69	70	83	137	118	85	72	76	95	68	111	66	75
3930379	114	96	103	73	100	106	110	106	115	157	101	91	119
7100431	69	75	76	80	80	62	75	58	69	70	81	76	66
5490301	123	96	126	79	81	121	109	187	125	110	97	127	117
3890601	83	87	71	68	79	85	82	75	68	71	73	67	106
1240195	44	37	44	40	42	47	47	46	35	39	39	36	35
4850528	63	68	62	74	51	68	68	51	74	71	58	63	62
2650075	45	47	42	49	49	43	59	78	50	50	41	45	50
5900608	70	74	80	74	68	73	71	87	64	81	89	82	64
20112	50	47	52	51	45	54	47	46	52	51	55	55	51
2900064	72	69	61	63	68	53	69	71	68	57	74	73	65
4850070	54	58	53	58	53	45	49	52	51	55	47	52	56
1090451	71	70	74	70	74	74	56	52	69	67	65	89	74
3420554	388	417	285	545	276	276	321	329	620	150	158	825	234
2970370	228	107	127	90	530	217	130	52	178	148	332	62	54
7570753	53	47	50	80	44	61	57	66	64	65	53	58	51
6290008	39	39	52	47	42	45	48	48	44	48	50	39	40
1510014	201	238	346	231	221	449	263	261	290	633	224	229	155
7200609	87	95	94	93	92	74	76	66	132	67	93	77	69
520176	45	46	52	67	46	56	54	42	83	61	49	44	49
4210678	77	88	62	78	74	76	80	241	72	60	87	115	113
7040019	43	41	39	37	42	45	50	39	37	39	42	38	41
110347	142	168	165	149	154	163	159	87	146	148	187	144	146
4120427	59	49	55	50	55	59	65	53	54	53	58	62	64
1260762	56	65	57	59	58	75	61	79	74	73	72	64	61
1510332	60	61	66	65	65	75	68	64	67	69	73	63	74
3140373	46	45	43	40	42	37	50	42	41	43	41	47	41
1580437	44	43	41	45	43	39	45	44	42	45	39	41	45
770739	80	66	78	93	65	69	77	97	91	96	77	73	68
1050168	7702	41	42	46	41	50	43	45	42	49	43	109	1004
3310093	136	107	117	98	93	122	135	160	116	216	110	142	142
1570039	126	137	239	56	122	156	198	153	174	483	160	97	63
6200168	113	133	107	120	128	115	124	90	100	78	147	149	209
4010519	54	55	44	57	52	53	55	54	57	47	46	48	58
2480424	399	403	719	566	720	509	527	78	590	771	274	107	112
3850064	332	145	180	133	90	137	105	667	111	172	109	145	182
3450332	59	54	53	53	57	61	52	56	48	59	59	59	41
4780139	65	77	63	56	54	68	63	55	51	63	69	73	66

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
6330187	101	75	54	46	53	57	68	54	54	56	63	157	109
6840739	82	82	75	99	91	82	83	77	81	84	93	133	106
6420687	64	55	58	66	72	67	67	93	68	71	68	64	89
7150132	281	257	401	241	268	191	334	339	295	244	369	462	232
5810253	180	175	193	224	198	257	163	182	249	211	138	236	135
2710452	43	44	43	45	47	53	39	47	43	46	44	47	40
7400598	81	142	96	92	95	60	1123	81	71	101	118	72	77
770615	49	46	49	48	51	33	46	42	46	44	43	52	47
290136	51	55	51	53	48	48	48	57	54	51	64	59	58
6450746	49	44	44	43	45	47	41	51	46	38	47	45	48
4250626	105	73	120	197	130	96	98	201	117	85	112	100	138
5390474	41	37	37	39	40	35	44	40	37	45	40	42	39
4480301	56	62	63	60	50	56	48	53	58	59	54	56	54
2690519	55	66	65	64	54	56	54	50	63	46	50	48	56
2260615	353	423	481	450	391	273	376	384	449	330	485	421	281
4780373	73	94	79	84	66	85	73	79	90	67	76	68	85
6330593	53	47	54	58	54	49	54	72	70	58	55	75	51
940646	67	59	70	59	71	56	63	57	55	67	61	64	66
6900414	1058	71	82	73	80	91	62	219	79	64	83	119	2289
6400465	83	44	43	48	45	52	40	145	51	54	40	49	166
3850603	69	77	81	84	83	76	66	74	78	80	69	58	76
2350132	42	116	51	90	63	53	111	49	64	40	147	84	48
130754	216	40	43	46	46	42	42	53	50	48	49	47	162
1510291	2436	2192	2106	2666	2133	2171	1523	1032	3369	869	1317	3292	1774
5960224	1034	857	837	1128	686	856	717	513	1337	348	515	1859	727
5490689	65	66	66	58	64	62	58	59	53	55	65	58	58
6400603	46	39	46	43	49	42	39	47	42	41	48	37	47
1410603	145	99	172	104	88	126	113	132	124	159	98	106	157
2760239	54	49	45	44	43	44	57	45	54	51	52	49	47
450132	105	126	144	124	139	159	132	148	117	182	133	154	143
3420372	60	73	90	69	86	139	73	57	75	78	67	74	62
1300187	219	114	91	127	126	153	113	155	131	151	127	137	181
3610170	73	91	77	72	90	68	72	77	72	81	76	72	85
6350475	84	88	86	77	109	64	91	72	76	77	74	75	78
6590438	45	40	47	51	44	51	41	48	42	47	49	42	48
1260722	43	43	55	64	50	55	49	52	62	50	48	56	48
4010592	67	65	74	53	61	68	62	72	64	55	73	70	76
7160739	59	68	62	73	86	56	67	60	63	62	59	66	57
2650370	423	483	611	430	495	650	516	726	463	785	591	534	484
2570220	111	143	151	128	133	144	116	143	113	160	167	142	109
3930372	65	68	61	68	62	75	57	61	65	62	54	56	78

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
7560497	43	46	44	42	55	68	46	48	53	46	43	45	39
1510424	1367	42	39	41	38	45	47	41	42	37	34	42	77
130338	49	53	59	53	49	49	51	51	57	63	51	53	76
1690563	149	48	51	53	57	58	47	47	50	51	49	115	1075
4050291	50	45	42	42	38	43	39	47	39	43	43	51	59
3710022	48	44	45	37	50	44	49	42	40	43	45	47	64
2350482	71	86	73	69	69	65	68	74	67	66	65	71	75
5050270	66	57	61	79	64	71	68	60	56	66	65	77	83
3850767	59	92	64	58	58	48	78	46	60	101	68	180	57
4900520	73	77	75	82	63	132	77	67	76	86	62	88	65
5260343	269	222	296	220	86	211	328	53	112	304	89	520	1053
520370	69	68	78	64	77	57	62	60	70	90	73	58	65
6840154	45	37	42	45	41	45	41	45	50	43	45	39	45
3130706	64	62	77	73	74	79	72	62	78	75	70	64	78
3990278	44	35	42	40	44	36	41	40	45	39	39	41	47
4890021	44	48	46	53	50	49	37	48	41	47	50	135	63
5720379	69	68	62	71	70	105	64	111	72	75	75	70	100
5700441	45	42	47	43	49	46	38	63	51	42	44	56	41
6770333	44	50	48	46	48	57	48	49	58	55	43	45	56
1050563	46	43	48	54	58	40	46	49	45	50	42	40	53
830095	35	40	44	42	32	37	38	37	45	33	44	38	42
450246	69	80	55	81	74	69	69	66	76	69	72	70	65
2970112	66	97	62	83	88	83	74	74	55	109	88	89	95
1710356	67	64	63	67	67	64	61	67	57	60	71	63	62
510561	42	48	39	43	43	50	45	43	49	51	49	51	38
5670082	57	54	45	43	45	52	53	115	49	47	43	49	56
730093	46	43	38	45	45	45	35	37	44	49	47	48	40
730148	80	82	69	54	75	73	56	99	77	76	64	59	116
4220053	40	42	47	51	50	42	52	50	52	65	65	55	45
270301	59	71	73	66	62	63	71	67	73	75	76	60	58
2070372	84	82	90	75	65	80	69	81	93	75	73	68	96
1580653	98	104	79	104	97	101	90	86	82	112	107	86	93
10066	48	51	54	53	64	54	53	43	57	56	53	43	53
3120286	50	58	58	56	65	61	58	53	56	51	49	54	59
6480450	45	42	60	48	58	37	47	43	48	51	45	43	50
6650152	63	64	68	71	57	67	64	72	56	62	58	54	53
2570672	42	48	41	40	49	39	43	43	42	45	42	48	48
4670138	47	41	50	52	48	49	41	45	46	45	45	79	49
20609	77	72	75	60	58	55	71	70	56	65	53	99	107
4480390	42	33	32	41	44	50	32	41	37	41	48	46	43
7380152	293	331	303	386	443	268	329	315	350	257	323	413	267

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
2810762	75	52	54	66	63	65	62	60	50	64	61	64	65
1740692	84	55	60	70	68	80	49	71	60	67	66	61	71
2450452	660	353	334	269	251	315	265	372	301	383	310	1146	685
4850576	44	50	38	38	45	44	37	40	44	47	36	37	36
510133	100	135	194	124	142	160	150	196	146	244	131	125	101
2640598	59	72	70	60	71	60	64	59	73	88	68	69	63
6330730	704	106	151	576	105	265	49	5258	284	52	52	744	2495
4560228	63	57	62	50	58	62	52	77	60	61	78	72	55
4610201	150	190	149	181	187	162	127	109	154	140	176	180	202
6510156	285	440	319	170	166	230	651	167	111	188	289	170	451
5390767	60	60	69	51	57	54	58	57	55	51	49	62	51
5490465	67	55	65	61	78	55	59	77	59	65	63	77	62
6960438	71	65	70	70	82	58	70	61	71	69	64	62	58
4060025	71	59	57	70	79	61	71	62	75	55	68	60	79
4850711	97	89	99	78	90	96	99	96	83	94	100	117	75
3990497	238	167	258	157	231	202	261	238	311	136	336	346	128
4200711	75	98	93	120	101	65	79	126	102	66	97	82	91
3180647	67	61	63	80	58	62	68	61	71	95	63	66	81
1090196	72	139	135	66	78	77	116	62	62	74	110	56	55
5260280	69	68	78	69	76	65	80	57	81	67	66	69	105
6290091	176	185	225	131	156	183	186	141	212	188	222	122	150
2710687	78	94	92	81	121	58	73	144	82	79	162	111	64
6270731	62	59	56	68	68	70	77	54	49	58	47	78	57
3840091	94	88	74	78	99	72	81	78	96	88	77	63	79
2510164	196	405	520	273	180	389	356	83	117	871	210	255	343
580161	120	159	307	157	87	198	169	69	91	321	93	159	238
380685	212	314	602	311	178	318	429	103	126	780	180	422	477
4210044	64	64	76	72	76	70	68	71	68	79	67	76	69
2450020	62	76	73	77	69	57	84	63	91	65	82	93	63
20543	67	59	65	60	65	72	76	62	79	64	62	66	64
4390044	63	67	67	68	64	57	64	55	64	60	61	77	67
3870156	59	62	61	56	60	54	53	52	71	62	70	75	50
1850273	88	59	52	54	76	68	71	70	74	60	77	82	67
3310037	53	51	48	48	44	49	42	43	50	50	55	146	48
3370736	535	630	523	479	600	578	713	349	654	1138	661	383	446
5310368	44	48	37	43	42	42	47	39	42	45	38	44	47
160433	42	43	43	45	47	48	39	39	45	44	38	43	42
2070735	128	134	187	128	143	126	164	131	159	194	179	138	137
3710711	178	187	252	164	176	187	233	155	241	409	214	171	180
6860138	47	60	54	50	56	62	62	62	55	50	54	65	61
5340692	129	131	112	114	106	115	118	131	95	142	130	134	63

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
270347	142	183	233	275	118	195	204	66	239	189	149	88	44
2690577	48	57	53	53	47	49	54	58	71	55	53	50	57
870475	76	73	64	74	61	65	67	102	64	62	65	103	73
540014	62	66	74	55	76	59	67	58	65	57	72	56	54
6040433	40	43	44	40	43	38	39	43	42	40	42	36	43
4810730	61	70	56	57	64	71	70	60	74	67	61	99	72
3180639	32	46	43	41	36	45	34	28	39	36	38	48	40
60017	61	57	64	74	75	65	64	87	69	73	79	87	67
3520768	102	43	45	45	45	56	45	43	40	44	43	473	257
4280192	79	71	61	61	72	70	68	73	66	62	66	71	64
770255	57	51	63	63	74	61	71	54	67	71	73	50	71
1770603	82	43	40	38	39	47	40	44	38	39	34	48	46
1410192	86	87	86	72	78	91	87	114	82	85	61	74	71
1230672	45	41	49	44	48	46	41	44	45	51	47	49	54
4040632	52	71	59	59	68	59	59	77	68	55	57	62	65
4730376	43	39	40	44	43	43	43	45	41	43	49	44	46
4900634	45	41	48	40	43	47	37	38	43	51	42	37	45
4290209	238	180	300	209	189	313	294	165	327	479	367	114	248
940674	78	38	41	47	48	36	42	46	41	46	40	46	44
3360762	94	76	81	81	116	65	77	129	91	64	63	81	77
6180750	42	46	40	38	40	32	42	43	42	40	47	36	42
2320168	635	46	44	47	46	51	39	49	47	49	49	50	42
6980470	41	41	44	40	43	37	44	41	37	41	46	40	47
2640301	57	47	56	49	51	80	43	103	41	44	45	41	227
6100484	65	59	62	56	58	72	50	67	61	65	56	59	75
6060376	91	73	71	72	74	91	79	77	83	64	68	82	111
2570161	123	69	123	80	72	116	109	87	88	294	115	97	117
990441	41	43	46	57	52	47	44	48	42	55	43	47	46
4730564	146	197	267	217	273	147	290	129	231	130	291	239	170
4890092	95	100	93	76	98	122	86	83	110	100	74	66	129
430300	64	63	62	72	61	62	66	69	67	66	54	60	53
3850326	39	44	44	52	41	40	43	41	42	44	46	47	47
2030709	81	93	70	89	73	77	77	82	71	79	70	7339	75
5260253	33	46	44	43	43	41	40	45	42	44	43	38	43
6040731	79	49	45	49	45	45	40	43	49	44	42	41	50
6420605	325	76	72	158	73	80	86	53	135	54	123	125	77
4250367	91	66	73	131	57	65	68	121	64	76	68	70	74
3930086	421	564	646	465	501	633	604	433	607	794	580	449	383
6580059	100	82	110	136	99	277	57	54	56	167	49	191	49
1070088	58	50	51	56	73	49	61	47	57	60	60	66	65
6370703	165	33	46	40	43	49	41	46	42	43	43	42	523

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
6860392	77	55	63	74	65	72	82	60	72	61	60	60	68
2190408	47	51	50	46	49	49	52	48	56	50	53	48	61
3390215	52	55	54	59	68	53	61	64	62	57	66	45	58
7000619	67	71	76	62	59	99	78	63	70	78	60	76	80
5420189	45	41	48	41	45	43	44	46	43	41	43	54	37
5570181	55	67	51	60	58	58	61	50	51	72	62	57	48
5810730	45	42	41	45	39	43	41	36	38	39	41	40	44
5900228	59	54	102	66	56	69	62	57	64	64	69	67	49
5360601	94	84	89	83	85	93	78	88	84	88	73	82	78
7610524	61	52	56	61	65	57	59	61	63	63	79	67	50
2850619	69	79	81	93	75	107	63	137	71	95	92	90	75
3130372	48	45	59	46	44	51	61	42	49	62	57	46	44
5910414	49	46	46	47	45	46	57	45	43	42	45	41	44
5870091	60	57	64	52	54	66	76	62	51	57	51	60	58
1090008	36	37	41	41	35	40	40	36	41	43	36	36	40
70451	80	71	83	80	72	72	75	74	86	79	95	80	72
3710026	48	45	56	52	51	55	48	211	61	52	42	61	52
4260286	154	86	83	74	79	81	77	71	71	95	120	96	179
2810451	47	43	47	43	41	39	44	50	47	45	44	52	41
5700431	115	98	110	105	93	118	98	107	131	105	103	111	119
1240746	70	71	67	61	56	72	46	73	66	69	66	78	76
2710343	75	45	40	43	51	47	44	35	49	45	43	36	81
6840202	81	53	59	51	65	53	60	52	62	54	51	57	88
6940431	131	417	338	130	270	231	339	63	125	930	278	76	54
4490743	56	54	59	56	46	65	58	51	72	70	61	55	53
4810632	67	69	72	64	71	58	60	54	50	55	50	61	71
5220753	64	52	51	60	65	67	68	73	62	58	60	66	58
6200091	57	64	65	70	64	65	74	55	58	66	66	62	59
2690279	46	48	48	40	44	53	43	39	72	39	50	102	46
6590523	64	62	70	58	65	83	68	65	125	82	66	66	54
670414	51	55	49	73	60	51	59	63	56	53	57	169	49
4490288	39	41	44	46	46	42	49	43	44	43	42	108	37
6580717	61	43	56	64	51	68	47	40	51	56	39	43	49
5560411	155	134	137	120	132	126	121	180	122	171	132	145	166
1170154	98	140	118	103	112	68	139	145	122	77	140	123	131
3290152	72	92	90	70	77	90	102	74	95	131	89	79	64
3310592	517	553	693	456	496	787	749	606	676	2533	605	741	514
3450750	784	1050	1456	813	886	1458	1634	1273	985	4729	1034	1565	1005
3400070	124	167	167	117	142	137	141	272	149	122	170	113	188
20603	165	190	203	161	175	175	185	206	158	202	174	174	171
6580113	62	54	59	64	58	72	61	56	56	56	69	66	101

ProbeID	[[027], HPMEC t (Human Pulmonary Microvascular Endothelial Cell), MBA_2132	[[028], HPAEC t (Human Pulmonary Artery Endothelial Cell), MBA_2133	[[029], HRGEC t (Human Renal Glomerular Endothelial Cell), MBA_2146	[[030], HBdMEC t (Human Bladder Microvascular Endothelial Cell), MBA_2150	[[031], HHSEC t (Human Hepatic Sinusoidal Endothelial Cell), MBA_2159	[[032], HCMEC t (Human Cardiac Microvascular Endothelial Cell), MBA_2162	[[033], HAEC t (Human Aortic Endothelial Cell), MBA_2163	[[034], HVCEC t (Human Villus Capillary Endothelial Cell), MBA_2175	[[035], HOMEC t (Human Ovarian Microvascular Endothelial Cell), MBA_2181	[[036], HUVEC t (Human Umbilical Vein Endothelial Cell), MBA_2190	[[037], HUAEC t (Human Umbilical Artery Endothelial Cell), MBA_2191	[[038], HCPEpiC t (Human Choroid Plexus Epithelial Cell), MBA_2104	[[039], HEK t (Human Epidermal Keratinocyte), MBA_2114
5870008	56	59	57	62	53	70	68	57	59	68	70	57	56
7050201	54	68	60	68	62	59	68	55	55	69	65	65	68
150735	58	64	67	55	53	56	58	61	61	52	58	54	56
510066	78	67	82	74	75	62	68	61	65	69	62	64	77
1470162	77	78	76	57	73	74	60	97	68	64	77	79	99
3520168	1005	339	976	720	1579	659	2140	1047	690	185	316	1108	91
1980538	72	74	88	61	70	71	57	60	59	91	62	72	70
5820026	94	66	66	79	75	88	65	110	85	105	108	69	110

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
4850086	44	36	43	45	48	37	44	52	46	46	40	36	43	37
6110592	68	68	90	50	120	70	87	76	107	48	132	266	125	54
3190082	52	56	59	51	52	56	48	50	45	54	55	66	50	47
1450100	49	52	60	47	42	48	48	49	51	49	47	52	49	47
5490382	34	41	36	37	41	37	39	39	43	44	36	41	39	41
3520709	109	70	72	776	76	499	533	83	79	128	91	54	77	72
3120681	45	46	43	46	46	44	37	55	43	43	44	51	48	38
2030161	65	72	69	80	68	54	59	52	85	74	406	82	67	69
270709	78	73	76	77	62	70	80	88	61	73	70	78	61	79
2320377	38	41	54	40	34	44	38	44	39	41	39	55	47	39
1260270	79	83	84	70	75	63	83	330	78	67	60	79	77	62
2760274	48	62	56	738	42	72	171	50	45	110	44	73	47	45
2650736	51	58	46	50	45	49	52	50	52	53	51	62	44	44
5910010	80	68	77	81	66	69	87	89	67	75	62	68	82	80
5310524	120	74	113	70	112	122	111	79	145	81	70	108	110	111
3780156	39	50	42	41	45	46	48	44	96	40	43	59	46	33
1050561	87	64	85	69	70	64	70	81	64	73	64	64	79	74
2480040	39	46	44	46	40	50	36	44	52	41	46	58	51	42
5910309	34	37	46	37	43	41	38	41	38	48	37	43	36	36
5810050	52	60	87	88	115	49	63	69	84	51	76	89	72	86
1030184	49	58	56	48	48	41	41	43	56	45	59	71	50	58
3460279	54	52	49	57	48	50	63	53	49	54	58	107	50	55
4570364	62	68	81	73	67	85	71	84	79	86	78	67	84	62
6380020	56	68	66	65	63	73	76	73	76	55	55	71	59	59
3780468	56	61	61	57	60	59	63	60	51	55	55	50	63	77
240541	54	185	57	53	47	45	51	49	45	46	42	50	51	47
2630010	64	74	58	83	71	50	61	57	68	59	45	62	62	65
1740669	37	35	38	31	35	38	34	38	38	30	36	38	38	42
2340577	48	43	51	46	36	47	51	68	42	43	43	56	51	47
1850521	64	56	54	57	68	59	45	53	85	49	68	53	66	65
2650594	48	43	44	41	64	42	43	1100	50	43	42	64	40	46
130110	41	82	55	44	42	38	45	46	54	43	64	104	67	43
4830376	41	46	42	52	49	53	53	47	102	44	45	79	42	52
7200435	67	50	221	255	76	285	199	488	57	64	56	67	53	58
6290239	65	108	61	85	68	129	144	60	77	63	60	93	68	144
2480241	103	198	130	69	144	107	68	177	146	61	397	261	157	223
5080561	143	76	205	141	174	143	106	74	257	136	148	120	190	90
1770253	41	44	52	42	41	44	42	35	45	45	45	57	44	37
6280440	65	35	54	83	55	98	174	55	36	54	49	81	73	45
3450347	45	38	38	43	52	49	36	46	47	42	159	86	49	42
3170100	46	42	48	55	62	47	171	47	146	46	166	46	59	50

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
2600554	65	64	68	63	72	70	64	94	90	73	63	62	72	65
2510253	133	44	262	167	350	252	255	41	113	209	322	493	402	53
7570477	126	101	130	134	110	194	206	391	103	165	103	105	145	128
7510424	225	177	197	268	239	202	335	591	156	453	202	169	213	188
6040452	64	61	68	65	52	61	63	61	93	65	82	142	58	54
1850068	319	193	164	189	384	199	171	128	210	263	364	386	280	243
6110440	72	70	74	63	76	75	79	73	69	73	70	68	67	64
6960035	39	65	46	34	62	36	35	47	153	39	47	49	54	42
7050215	48	103	41	40	43	43	38	40	53	43	45	42	45	46
1710242	161	343	194	150	196	160	212	502	71	113	209	169	181	238
4890670	69	83	69	93	76	85	80	86	181	65	70	51	82	62
4540468	58	65	65	62	62	59	57	75	49	60	59	64	53	47
6510360	282	361	598	225	238	342	211	163	251	255	314	415	378	235
6110102	60	47	56	56	50	58	52	44	45	60	56	92	94	43
6110152	56	48	43	46	51	55	48	53	100	41	42	92	52	49
2490044	106	71	90	133	108	75	65	191	122	89	78	95	90	82
1070224	50	50	64	55	42	45	59	41	82	60	53	102	84	47
2070377	62	73	65	60	80	63	59	56	55	72	79	112	54	57
2000128	45	40	38	46	48	48	44	35	35	44	37	82	38	46
6100241	32	42	50	36	45	45	45	38	40	39	40	38	40	43
6420689	49	67	53	62	59	74	79	69	49	67	57	56	61	56
6060347	56	55	43	56	54	64	44	47	69	51	61	59	54	52
6040156	152	73	269	90	187	181	124	75	109	225	121	159	76	88
3870593	75	76	87	66	56	64	58	59	74	111	78	73	66	76
3610180	43	54	50	44	34	42	47	46	50	43	43	45	41	43
6450403	39	42	36	40	41	39	48	50	43	43	41	48	37	43
4260280	73	69	74	59	85	67	81	78	62	64	70	64	65	73
6650215	67	76	99	89	66	70	133	64	88	83	104	96	70	80
2190139	43	39	42	49	47	42	44	43	38	43	41	34	40	46
4850170	43	40	42	39	41	44	55	45	41	36	74	45	49	41
5310343	48	47	38	40	48	45	51	49	68	46	37	40	40	42
3710176	72	77	92	83	81	95	87	79	68	91	81	75	80	87
1450671	95	105	141	140	322	104	181	116	79	176	200	121	399	77
3830598	60	52	51	51	51	59	48	52	58	65	49	67	50	55
3830170	334	137	153	144	163	591	225	495	168	481	139	127	93	209
5340348	57	56	67	70	82	60	73	65	64	60	65	61	64	65
780356	51	62	65	62	64	52	69	73	56	59	58	46	65	66
5360070	74	122	713	486	669	196	126	46	577	675	228	109	797	90
6250672	321	59	133	201	79	194	496	49	55	394	116	264	179	50
580100	67	100	63	56	102	66	56	55	59	60	52	68	59	56
7210136	47	45	44	48	45	48	42	56	49	41	65	38	46	36

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
1170671	40	39	43	40	43	44	44	249	42	43	39	35	49	46
1580411	38	38	41	38	43	40	46	231	37	35	34	41	41	37
20129	76	70	87	73	61	68	75	6393	65	73	88	72	64	63
4220068	70	72	107	66	69	79	56	72	105	86	122	473	308	78
3940504	69	77	98	63	86	87	93	210	79	104	80	79	74	105
770167	81	98	102	101	78	68	97	242	81	77	113	106	75	84
4200451	39	43	77	72	99	65	48	50	101	84	44	56	108	41
3460152	49	39	76	65	114	61	46	37	106	108	51	44	111	45
2940398	50	101	137	80	125	63	49	39	125	128	63	86	175	57
2260424	76	59	70	90	64	65	71	59	103	63	64	58	66	81
1260025	367	296	303	212	312	377	271	530	263	285	304	356	261	235
5260014	58	67	378	260	445	183	61	56	342	274	127	130	428	94
2360632	66	78	67	64	146	151	283	71	64	70	67	67	65	74
6350437	85	120	84	91	50	99	83	83	96	72	118	92	135	113
4920019	74	79	78	79	64	89	102	86	73	88	70	72	78	84
7050053	62	53	54	63	68	62	69	58	50	66	56	65	60	55
2350730	76	71	62	65	74	64	55	73	62	73	73	67	63	61
6860446	100	76	111	113	81	94	100	102	78	83	90	79	86	87
6840609	92	68	105	100	59	117	134	64	72	105	87	70	126	69
5270022	61	48	61	63	51	71	94	47	58	62	59	49	89	55
2650484	46	48	41	48	40	41	46	43	43	46	43	43	47	55
5550372	57	63	85	71	70	80	76	67	63	67	75	76	72	75
1580487	231	52	147	166	200	286	236	90	211	177	328	158	220	68
6420356	48	49	58	37	41	47	44	44	62	58	48	71	45	44
5290711	50	43	45	44	40	41	42	39	83	46	43	60	36	39
780528	728	1120	1496	1193	2548	683	444	258	1128	2086	1133	1027	2610	358
5670722	82	67	110	73	86	74	67	94	62	68	75	64	70	76
3780291	174	125	216	243	108	193	271	202	157	254	127	170	128	254
2650673	47	49	43	46	42	43	45	47	50	43	46	53	51	50
7160376	50	55	59	77	63	84	72	66	61	64	70	56	72	60
6370414	48	41	51	45	53	44	49	183	37	42	40	45	42	42
670398	73	76	67	80	71	73	77	89	785	67	67	78	111	59
10187	164	173	254	224	188	106	361	1511	263	218	136	343	228	121
6100139	57	58	43	41	40	51	46	52	46	43	51	57	45	43
3390372	155	40	160	218	45	207	142	45	119	201	73	56	58	39
1450392	47	53	50	40	46	44	45	44	52	44	49	45	45	46
4010136	51	57	58	42	50	64	50	54	239	53	58	70	52	46
5390113	76	67	114	83	210	67	68	2291	88	97	95	70	122	79
580754	44	42	47	47	38	38	44	42	39	47	42	43	50	46
2260445	55	60	55	66	52	54	76	61	51	57	53	61	60	80
1170047	77	368	178	255	779	183	175	2928	394	121	124	140	216	129

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
5860048	103	94	106	80	104	72	112	255	98	125	58	115	79	81
360296	55	51	56	53	81	66	52	62	602	51	65	60	77	62
540685	57	63	58	61	63	50	53	53	59	61	46	66	62	57
4280440	87	75	90	90	87	75	85	90	84	65	75	63	66	75
3830202	54	56	51	49	53	52	57	41	79	48	51	89	51	51
4010095	47	47	49	49	45	48	42	45	46	49	49	45	47	53
6900377	38	42	39	40	49	40	38	37	51	42	42	51	47	40
7650739	92	57	67	66	71	54	67	67	54	68	58	52	70	60
3870608	168	167	182	154	162	122	183	224	186	134	218	208	197	228
6370541	42	43	50	39	38	51	48	41	65	41	40	37	47	44
5860674	57	51	70	66	71	61	55	66	58	61	64	72	63	53
5820551	74	70	60	72	64	82	73	52	37	74	72	71	59	63
7510128	83	75	77	87	89	87	72	69	81	78	83	68	69	80
1230603	77	65	74	72	77	71	60	77	63	71	75	57	66	77
2710504	43	42	46	37	51	40	49	38	41	37	36	44	39	36
5220196	153	120	156	117	171	214	169	332	253	171	119	145	175	136
620041	49	37	47	36	41	43	47	43	43	53	45	47	40	49
6580626	141	71	113	72	96	54	63	48	200	84	62	177	64	47
2100711	47	46	61	54	58	51	49	53	65	49	114	75	39	47
2260274	82	41	48	53	39	72	116	45	45	60	52	115	41	50
4850746	66	64	59	63	61	66	74	55	60	49	70	60	60	69
7380678	34	34	36	35	32	34	37	36	46	40	51	137	43	36
4890750	98	111	98	130	101	70	140	147	128	93	105	112	112	85
5960672	666	391	548	470	506	452	533	595	453	454	387	424	429	432
870477	54	72	57	70	62	58	59	86	56	67	56	61	64	73
2230341	69	63	60	66	67	75	76	64	58	62	68	69	67	77
1770497	64	72	53	76	60	60	51	68	55	73	61	53	71	69
5550553	75	56	105	102	92	74	94	69	81	86	114	172	93	61
4890671	71	57	71	57	61	60	66	94	62	76	71	56	95	65
20192	138	136	134	116	122	156	169	200	129	104	153	119	148	143
5900017	50	57	95	55	147	67	41	41	100	110	65	124	179	59
7040100	39	40	57	44	38	44	50	40	40	47	42	37	38	33
6220209	40	47	50	42	51	41	56	49	50	56	48	43	47	43
5570703	59	53	63	60	62	65	57	66	57	59	59	45	69	58
1190091	67	68	92	299	69	74	257	70	69	68	67	63	74	80
2370768	45	41	40	43	49	45	37	38	46	47	49	45	65	40
6420736	59	95	72	64	108	52	68	59	186	69	149	370	67	168
2450411	58	63	64	50	75	44	49	52	170	47	132	454	48	129
5720465	106	91	78	88	109	78	73	62	184	67	168	472	90	167
450736	99	84	67	68	72	74	73	67	84	72	76	79	93	88
7550086	40	39	44	40	41	38	43	41	47	40	37	41	41	34

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
940746	45	39	41	42	47	48	46	42	180	43	50	52	52	52
4280132	57	57	66	64	53	67	60	46	60	55	62	81	60	53
4280504	45	50	41	45	46	59	40	47	49	41	53	55	52	51
6330553	225	203	205	208	192	230	207	248	347	261	264	307	348	186
2100743	274	215	251	236	276	284	264	322	636	202	765	451	508	241
6560523	157	157	133	127	137	166	148	172	270	142	183	253	219	156
5340338	76	66	122	84	207	93	79	326	145	84	105	60	157	71
6650196	212	83	225	219	280	272	274	95	719	214	205	330	421	131
6350204	67	74	74	70	59	70	88	68	75	71	61	71	77	73
1170605	274	118	241	185	191	144	194	529	191	142	156	223	242	81
670333	52	39	41	44	54	36	57	39	42	45	35	42	40	37
1410240	39	35	40	40	51	46	36	41	38	38	40	34	39	41
6370356	228	72	54	78	74	244	116	72	476	53	181	142	1102	62
2510356	45	39	41	47	52	43	53	233	42	41	42	47	41	40
5270468	48	49	47	49	48	52	46	67	47	40	49	61	54	48
1030209	40	34	36	40	36	40	39	131	36	39	39	41	43	40
4200437	405	300	297	591	428	288	254	428	274	383	190	286	310	302
830543	48	45	39	39	40	42	37	49	49	43	34	48	40	35
5690112	54	41	51	41	41	41	59	54	64	46	54	89	57	45
3360095	68	82	66	64	73	71	80	75	54	69	74	72	64	71
7040678	51	56	54	50	56	53	52	54	1467	57	52	64	55	52
4200541	480	67	544	501	235	604	369	172	122	447	280	248	328	79
2370646	43	44	44	37	42	48	44	49	75	47	44	45	47	50
5130100	41	43	38	39	45	43	41	44	46	44	36	45	40	38
1660243	43	39	42	42	39	44	39	43	39	39	36	66	36	40
6220307	57	63	60	60	68	63	60	55	60	64	58	78	56	52
3460446	71	90	74	82	83	84	79	94	95	77	81	67	72	84
2940403	968	101	893	881	706	1161	1061	433	446	1304	1466	872	1053	344
1580215	139	74	144	117	153	196	133	140	140	143	177	133	108	74
130463	57	58	57	55	71	60	104	51	51	52	65	88	55	48
4120703	45	40	109	49	48	59	52	187	62	55	101	94	57	39
6980367	56	55	51	56	64	59	68	48	49	50	55	69	58	46
3180156	68	55	73	63	69	68	53	59	73	63	51	55	45	62
3780193	44	50	46	46	40	42	42	51	42	48	40	51	51	43
5130255	43	40	49	51	40	51	45	37	43	47	79	87	46	50
2850703	72	58	70	51	51	50	54	65	66	61	171	112	52	66
7400072	78	73	69	61	65	67	56	60	57	78	141	102	64	60
7210240	69	71	70	58	66	77	82	64	95	65	264	289	177	67
5270619	93	68	92	136	328	183	79	1924	72	74	78	75	80	68
2030451	45	44	46	42	49	46	49	49	50	46	36	49	38	48
10504	39	46	43	48	39	42	43	142	46	44	36	45	46	37

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
2230008	41	38	43	41	42	45	36	46	54	44	45	93	40	39
3180025	41	42	43	40	42	46	52	40	37	40	37	52	47	40
2480228	65	70	68	62	82	58	70	63	59	56	68	92	57	85
6110022	72	64	93	72	81	89	60	80	72	94	78	86	68	93
4290014	581	269	413	271	363	725	401	408	265	334	410	354	412	321
7550368	112	79	86	121	389	114	97	80	166	94	347	206	457	82
7000575	81	74	75	79	75	74	93	82	77	107	72	78	76	63
5700095	50	42	62	73	66	48	67	58	51	58	61	64	55	63
2570500	116	72	75	72	64	78	80	65	110	80	80	103	65	73
1660341	66	55	55	49	65	66	72	71	57	54	65	86	58	48
1400433	59	67	62	57	49	59	60	71	81	63	67	74	67	77
4610592	104	66	810	568	1184	1539	394	63	69	985	57	84	74	64
3170204	45	44	43	45	70	45	54	39	151	39	263	74	45	39
6860154	40	36	48	43	43	39	38	47	40	40	7679	22716	1839	37
1260468	47	36	37	45	41	49	42	46	53	44	116	200	69	39
4780278	65	68	66	76	56	78	58	72	59	65	66	51	89	57
240053	115	76	59	56	124	75	71	423	46	54	94	118	73	49
4610520	110	41	43	122	88	357	1928	40	50	95	138	349	238	39
3190167	49	47	53	47	45	56	41	42	274	50	45	66	41	47
5340730	61	56	58	66	71	73	50	66	50	66	52	43	65	73
940692	38	39	41	51	36	39	40	39	36	40	41	43	44	40
7320193	46	46	46	43	50	49	50	104	59	47	41	45	43	45
6330477	74	71	79	68	73	84	101	84	67	77	74	66	76	68
2340553	101	125	98	117	81	80	93	110	135	90	78	109	136	98
1660184	45	47	48	42	45	44	43	51	58	39	50	41	45	49
450368	78	47	61	56	58	55	54	48	46	75	74	101	66	49
3830044	76	82	61	87	66	71	60	56	75	86	91	78	63	65
6290554	59	81	74	92	82	69	76	136	76	89	75	68	67	93
3830332	61	72	71	65	59	62	78	89	60	57	69	71	84	65
1050414	86	87	81	56	123	74	93	81	67	77	84	79	69	76
780600	187	59	109	59	82	78	92	639	75	55	163	931	185	45
7050333	77	78	67	82	69	87	63	68	75	86	73	62	69	89
4290465	50	55	47	48	47	64	51	51	44	54	52	46	56	52
5720482	70	64	129	49	175	45	50	1078	73	57	120	136	138	62
5260070	1904	107	282	1191	1191	2513	2240	233	346	689	1581	760	1995	235
610201	181	80	116	86	249	767	151	89	253	81	452	141	475	91
5570279	255	630	244	432	237	337	463	495	204	460	161	156	119	129
290730	424	772	398	485	70	513	615	201	306	725	104	428	121	121
6200669	275	477	240	268	71	243	351	231	177	433	64	194	79	71
6290685	67	120	61	77	71	64	63	184	79	91	66	78	69	64
6110630	765	3498	1045	1266	397	1015	1774	1194	966	1075	737	850	438	1043

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
5050402	185	759	233	308	127	244	418	262	238	272	129	231	123	214
2970019	59	236	55	59	48	54	54	109	94	72	46	90	51	68
610451	374	1621	284	664	224	290	439	1537	121	530	143	295	149	321
6100022	212	949	216	359	201	235	291	1134	139	362	126	319	155	218
870301	65	56	70	118	95	95	87	68	73	76	877	947	481	79
5260091	101	104	362	85	100	69	71	57	85	165	67	77	192	65
3460608	71	67	54	63	64	67	56	72	74	62	67	64	69	54
6590131	57	79	64	88	61	68	73	139	65	64	74	133	76	117
2140196	64	71	65	63	52	62	69	67	63	59	59	58	67	86
990091	65	80	74	85	75	70	66	67	74	58	72	60	70	76
2260747	61	67	55	54	53	65	46	113	61	55	148	74	58	83
3170403	60	68	48	61	72	59	57	61	45	63	63	60	69	56
5570711	59	60	47	66	68	55	67	158	83	50	56	72	79	55
4920131	49	41	41	43	48	39	37	43	99	44	44	39	37	40
3290368	40	50	48	49	42	38	46	43	47	56	146	50	89	40
4120161	44	44	43	44	38	41	47	42	126	42	104	77	50	41
6200044	52	49	46	52	51	57	48	40	84	61	94	86	53	54
5420386	85	108	90	76	324	110	52	67	131	80	74	63	70	65
1230538	54	54	64	50	51	67	66	48	117	99	69	83	271	58
380259	53	49	41	46	52	45	53	103	62	48	46	38	57	40
2140376	59	64	55	72	67	71	77	75	70	62	71	61	77	71
870626	83	64	84	66	72	75	83	110	77	110	71	74	80	78
4040474	53	62	63	48	71	57	58	67	88	55	55	84	58	54
7200719	172	278	289	329	228	231	315	529	517	185	527	346	251	501
2100196	117	471	570	146	421	170	110	1302	912	117	256	570	448	303
2690224	273	256	349	307	290	457	334	350	348	367	361	305	247	247
730722	61	62	77	55	62	65	91	65	70	68	88	76	65	73
7610170	47	42	44	43	47	43	46	50	44	45	41	45	43	45
6960563	49	45	45	44	43	45	39	40	50	43	40	49	48	38
7320349	87	90	84	77	58	75	80	84	75	80	82	67	89	89
6960739	75	88	77	76	71	70	86	89	78	78	51	48	60	85
5390435	44	51	45	49	55	49	49	47	41	46	41	54	42	46
4060192	72	86	79	70	86	77	85	82	82	76	120	80	73	72
6220309	65	64	66	80	81	88	76	124	71	75	76	76	77	59
5490711	42	41	52	46	42	45	38	45	58	50	48	56	47	48
4390291	73	75	70	65	73	65	58	94	85	80	151	318	98	81
2000274	38	42	41	44	44	40	43	40	43	46	42	46	40	39
6960259	61	65	66	51	68	70	62	62	93	85	416	701	155	48
3370544	55	60	56	56	58	66	67	55	94	65	2043	2685	300	55
3130711	95	76	58	73	70	57	76	84	89	79	71	65	77	81
4810703	360	83	253	200	242	200	250	61	170	656	155	236	268	95

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
6660671	286	60	148	252	193	158	185	44	85	562	117	150	154	72
1940193	82	71	70	66	79	82	77	89	91	77	216	87	146	122
990112	79	91	92	88	70	78	106	130	117	68	83	75	86	76
4810424	48	40	39	40	43	42	42	38	40	42	52	103	36	45
580292	61	64	67	66	67	78	68	56	57	54	53	61	64	63
2320296	46	55	42	47	47	40	47	55	51	49	54	47	44	40
3990739	60	69	67	64	86	74	65	67	61	70	78	84	90	63
2030259	38	34	42	40	46	37	35	43	41	40	47	49	41	47
5490040	76	62	67	65	67	79	66	70	58	70	69	63	64	55
6400703	75	87	78	93	84	71	99	122	100	61	92	98	73	109
1570184	44	53	53	50	48	50	56	45	66	52	43	46	52	50
3610730	60	59	51	59	139	54	95	95	81	116	56	75	57	45
7380392	64	67	58	63	63	56	72	73	86	67	86	78	66	89
5900273	76	83	104	74	58	96	85	81	75	82	97	72	87	69
1510075	50	46	36	42	52	47	49	48	99	41	43	39	57	46
6860634	49	47	51	43	43	52	40	62	80	63	43	73	49	59
6620259	92	136	139	124	93	142	115	80	102	73	229	253	208	123
540204	116	53	181	164	436	120	281	63	58	171	107	184	184	66
5080259	57	44	49	97	196	46	76	40	32	59	74	83	59	48
990086	48	48	46	46	38	46	45	42	43	40	41	38	44	45
3140259	52	52	47	54	57	50	38	47	112	38	164	80	61	152
2100189	203	132	175	161	95	311	242	314	165	211	175	161	169	127
4250246	318	501	382	465	552	344	530	208	518	351	535	630	352	658
1980079	74	88	75	94	75	95	88	74	92	82	73	81	77	91
4850300	253	60	128	131	106	159	128	35	194	124	250	137	143	68
6520440	74	59	64	66	211	48	57	62	535	70	613	70	2428	69
4210561	233	131	150	375	98	261	283	313	169	157	172	242	169	135
510632	96	116	75	75	79	102	113	54	132	70	89	108	119	90
4050398	68	50	54	175	52	417	57	47	45	68	52	50	50	55
5960524	72	60	67	68	65	74	70	63	56	77	87	64	73	75
460202	60	178	71	125	58	50	54	38	79	46	78	106	92	47
3780491	75	58	77	63	74	78	68	75	66	76	67	52	51	77
5290707	74	62	72	69	70	69	67	80	65	66	91	77	76	66
1450619	37	49	43	45	42	47	46	43	37	41	41	70	36	41
3190524	134	144	232	215	269	142	150	184	192	175	181	117	298	131
3840445	16580	66	14797	16446	2379	17814	13799	57	61	15565	64	100	267	43
2060414	209	66	72	57	60	83	60	53	54	69	58	63	62	49
5860289	8814	41	10974	12593	44	10860	8673	39	44	8814	37	46	37	41
430446	68	48	46	197	116	1760	107	45	103	3020	105	110	479	52
7040142	84	175	109	199	156	179	175	771	74	333	87	103	110	90
3460685	43	220	95	249	166	293	309	1740	91	594	71	173	96	65

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
5490358	53	49	220	64	72	77	39	39	85	62	48	66	50	61
4390100	3279	112	8347	4768	3768	8055	4319	46	157	7630	295	323	4117	78
3140427	59	91	49	67	75	63	73	52	68	64	68	70	60	65
4390398	2530	97	130	374	239	692	6247	142	79	378	666	600	492	107
520465	47	52	45	47	47	50	47	42	40	47	47	39	43	51
1570148	45	41	35	39	44	47	39	39	52	49	46	37	40	42
5860528	64	76	64	69	68	69	72	68	88	68	83	75	69	59
3180615	617	73	543	250	83	135	391	56	94	289	137	90	199	62
6840209	47	45	52	40	50	52	52	43	53	45	47	59	50	47
3710161	73	61	71	109	70	79	67	82	76	87	78	64	72	71
1470168	48	45	39	38	41	45	50	48	55	43	45	63	39	52
2900343	36	37	39	37	39	35	42	38	209	30	32	37	37	37
6420450	150	163	181	142	119	112	170	256	159	150	143	128	192	162
4220482	47	48	45	42	52	48	42	50	103	44	40	39	47	46
5260672	80	96	97	70	80	107	92	83	80	84	107	67	84	104
6980632	475	112	408	779	282	876	1000	84	269	582	514	679	359	65
6660687	106	78	80	109	87	92	95	161	105	117	100	164	77	82
2690438	82	114	87	100	69	69	65	77	140	69	92	97	85	71
5270551	131	73	173	120	188	121	78	65	114	165	104	101	158	87
240343	63	61	60	68	57	61	74	52	60	51	63	88	74	55
1240408	75	77	69	78	60	66	64	64	76	66	58	73	57	69
4480528	61	63	66	63	58	66	59	76	64	58	71	98	65	63
240386	107	61	96	87	61	151	115	69	113	76	111	224	127	78
3780767	109	97	105	84	141	77	74	79	284	114	81	135	78	134
6620373	87	62	78	71	68	111	71	62	90	59	83	171	108	65
3930669	62	60	50	63	62	57	57	59	59	60	73	40	52	70
5490307	63	63	59	70	66	59	58	64	57	77	53	58	61	71
3060187	86	156	103	168	236	63	64	234	158	84	139	199	156	246
2490132	59	67	57	63	62	66	60	61	64	60	57	48	60	53
4150685	60	66	68	108	67	57	69	148	84	59	68	88	65	56
2260037	83	57	174	351	1544	241	293	67	115	332	489	225	225	102
1260064	339	143	185	192	143	264	270	64	152	186	194	148	113	166
1660220	99	142	77	94	89	84	75	136	99	66	94	110	111	98
6400484	61	58	68	59	66	79	68	67	48	67	62	43	66	71
4850189	39	48	52	39	47	44	54	44	209	39	42	45	52	47
4760196	60	66	54	59	75	79	53	68	66	74	66	57	62	59
670670	48	37	47	46	39	54	42	48	52	43	45	58	37	41
6370008	61	61	61	55	61	64	73	62	61	56	881	114	74	67
4490594	1752	2154	1293	2847	2281	1896	1371	4868	2339	1619	3756	1458	1603	3671
2970152	2894	76	332	2219	218	1963	497	68	60	1225	65	57	70	68
1820288	72	60	83	66	76	67	71	81	80	80	72	115	79	69

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
3360327	122	92	106	141	145	123	123	75	97	178	81	89	110	67
4480762	52	149	74	57	76	68	60	82	167	72	66	81	69	86
4280093	82	75	61	110	82	57	57	164	65	67	88	77	55	114
3850367	115	126	209	175	135	109	185	108	200	224	89	226	309	130
110333	151	77	168	167	102	153	175	71	169	142	118	96	83	60
3610520	54	59	72	62	65	74	66	62	83	74	60	63	65	52
2710121	105	112	123	86	106	121	90	79	499	147	98	142	137	122
5670372	48	52	81	52	144	56	55	2078	89	61	54	54	77	46
670066	70	62	82	84	54	73	61	72	68	65	49	64	66	56
2360739	61	77	46	46	47	49	48	53	56	49	52	64	45	43
380519	75	87	76	67	71	59	77	62	80	75	82	120	86	74
4040113	70	72	64	75	81	81	90	96	66	64	61	72	92	76
6130152	67	81	73	83	84	89	71	124	74	73	186	180	290	71
5960328	74	74	95	77	76	71	72	100	84	74	77	81	83	64
4590332	95	57	77	75	72	70	73	65	59	76	64	62	81	80
4780754	65	71	67	64	61	77	56	65	62	54	64	46	64	62
2120189	82	60	66	72	125	49	48	71	86	75	58	68	71	64
1410747	63	61	80	71	69	88	80	74	70	60	69	75	84	64
5820746	353	87	106	172	84	286	103	113	70	228	69	70	116	99
6020242	52	73	56	61	59	69	61	54	59	63	65	48	53	62
6580088	109	99	73	153	160	94	59	209	67	75	99	89	131	197
580445	78	70	71	79	85	71	73	201	82	72	73	58	82	86
6400414	68	62	61	65	62	70	58	222	50	67	54	49	68	84
5870653	12323	48	12051	9273	55	12680	3843	53	52	10193	52	46	50	54
5560707	67	61	73	75	75	74	60	75	96	65	167	424	125	77
6290450	80	50	53	55	67	60	73	56	63	58	59	59	60	60
4760673	59	62	74	83	64	59	71	72	68	74	66	61	63	71
6770706	60	53	55	56	60	54	57	55	53	56	56	53	58	53
6180546	61	70	64	56	68	66	61	83	52	62	62	54	70	63
4390386	84	72	81	105	69	69	76	85	78	85	74	66	68	75
6350091	52	59	47	60	54	45	49	60	55	73	53	44	57	54
1570286	77	57	81	69	68	69	68	70	66	86	76	58	74	61
1510519	77	85	75	59	94	80	68	68	65	88	69	78	74	90
60546	57	65	57	54	63	71	63	66	51	63	63	45	59	73
5700360	78	73	79	65	93	80	65	85	70	56	74	60	70	67
5420324	84	81	87	68	84	89	84	88	93	111	66	87	108	83
50291	64	66	78	68	63	63	71	62	64	61	61	48	86	56
2340088	68	48	55	67	53	65	40	49	49	56	57	46	60	43
6840278	60	53	59	56	70	55	66	58	53	56	57	59	60	50
2060372	112	123	128	126	141	104	150	215	164	129	150	103	124	213
5720491	145	151	148	139	192	167	144	232	180	140	210	168	210	194

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
6770746	69	71	95	122	88	72	80	103	172	72	95	63	121	60
5670280	192	135	252	332	269	243	362	382	513	216	252	139	313	288
5080138	84	67	77	119	108	92	111	89	87	69	1403	2524	674	63
4760192	6198	59	921	4032	136	5200	882	77	71	3478	71	68	79	64
2650056	69	112	86	85	80	81	78	74	70	84	112	79	84	73
1850168	66	80	58	66	67	69	66	69	68	64	69	72	67	69
6770441	75	75	83	87	68	85	90	63	79	79	78	98	62	73
3060703	84	103	114	58	91	56	57	47	95	115	59	96	65	58
2810504	127	76	117	125	104	129	127	84	311	92	114	151	138	100
3170431	88	74	90	175	120	98	130	916	147	99	111	89	97	155
6660162	112	72	90	69	96	77	170	172	84	117	87	154	87	90
7150324	72	89	70	96	88	117	225	762	56	83	75	95	69	60
2810687	242	249	157	178	137	200	206	193	242	191	208	155	251	231
4490544	45	48	45	43	42	50	41	50	47	36	45	34	45	42
3990561	66	77	78	68	76	64	76	69	436	71	130	58	70	59
240220	55	112	47	45	107	46	42	45	55	41	40	72	48	46
6370754	40	41	46	50	56	46	42	42	55	39	41	40	40	51
3140349	50	47	64	70	60	68	66	65	58	58	54	72	55	83
5910612	80	73	67	62	64	80	89	65	53	72	73	61	61	62
4200722	37	44	43	41	43	51	43	42	39	42	39	46	45	44
6660368	44	40	41	43	44	49	62	225	47	36	53	45	48	46
4590477	70	73	70	88	62	73	151	873	72	69	82	70	71	84
1400142	58	76	58	70	69	57	58	60	62	72	72	66	70	54
270470	78	72	74	76	54	64	85	71	67	70	66	70	90	63
6900170	37	37	41	44	48	38	43	35	50	52	44	46	38	46
3170450	66	52	59	73	59	60	50	103	69	53	79	75	53	58
1450446	57	59	55	60	54	60	62	57	69	64	60	69	72	56
5670709	78	91	90	69	80	83	74	132	85	85	86	82	78	80
6770408	85	80	208	141	223	92	125	48	242	91	174	147	230	78
6290494	172	152	286	181	426	138	234	168	278	128	229	161	310	166
6020170	438	273	626	352	804	229	405	62	523	365	309	221	646	120
5490068	62	45	57	48	98	55	52	119	58	56	47	119	85	60
4540414	177	147	204	160	153	218	167	225	127	158	212	173	156	177
3780437	41	39	33	35	35	38	47	36	38	37	40	39	43	38
3520338	60	51	93	68	160	56	55	50	64	74	53	54	58	45
770682	83	65	88	83	75	76	117	183	72	77	89	80	88	77
7330367	66	63	75	59	63	69	78	55	63	67	45	56	79	60
2370632	64	117	72	82	84	73	84	61	236	71	310	141	279	114
4760626	41	36	48	45	52	45	42	50	39	40	38	41	49	43
3180528	45	45	658	296	101	677	406	78	120	127	47	52	220	41
1230228	155	76	1403	197	1486	168	2254	84	88	197	583	163	186	68

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
4150598	47	47	41	49	44	44	217	44	40	40	47	39	43	47
3060273	43	37	43	40	56	42	40	46	41	52	45	92	193	43
7200601	228	216	89	193	1627	262	1268	50	144	116	316	1841	105	98
7650026	684	655	246	805	6182	850	3671	64	255	336	1132	3054	453	280
1850315	62	71	67	67	69	72	67	82	80	66	76	78	75	56
2490070	85	66	72	82	67	120	332	65	60	68	68	65	67	64
1300240	82	81	74	62	66	94	74	67	69	82	71	74	65	91
6980762	62	47	49	42	37	52	51	45	41	63	40	52	52	41
7380670	120	59	82	103	94	113	123	223	80	102	80	75	98	89
5340220	64	36	99	51	42	46	52	40	57	70	38	39	42	46
6100360	42	49	45	43	52	43	46	65	60	47	41	49	53	50
3990577	66	66	64	78	74	76	64	64	69	57	60	48	57	61
1710692	53	55	52	50	67	55	53	50	66	49	56	69	55	48
1450468	51	52	54	61	56	45	56	61	65	58	57	56	55	47
6250040	295	201	253	383	142	534	243	157	227	289	214	149	182	190
5890170	46	53	46	49	56	49	40	46	49	54	43	41	53	58
2100296	80	65	66	75	1216	74	74	510	62	77	192	394	65	58
3180681	51	51	59	53	70	68	83	2616	50	63	51	57	50	49
7650538	44	50	49	40	167	45	43	1717	44	43	48	32	48	39
4060438	68	61	117	973	204	484	191	50	201	357	56	79	83	215
1660767	55	49	56	42	52	52	50	46	600	57	159	277	132	50
1570309	61	65	105	80	105	65	90	53	95	106	80	77	105	63
4610669	88	64	146	212	250	69	68	62	132	265	114	77	181	66
1990731	56	63	67	64	72	70	81	50	110	69	55	76	50	68
7610441	74	63	73	65	72	75	68	77	62	73	70	63	62	83
5670129	52	53	41	45	49	50	53	54	47	53	61	35	44	51
7050220	86	44	211	380	140	417	175	53	80	178	74	56	143	53
3140131	53	47	43	39	42	38	39	43	42	40	46	49	91	42
4880138	41	37	43	38	42	41	41	40	73	40	34	38	46	38
5340458	174	85	146	84	173	199	109	128	109	125	129	155	126	105
580181	77	58	80	58	101	82	61	78	85	61	75	110	72	67
3940520	755	421	750	522	597	835	620	1329	759	700	388	1267	428	598
4220326	58	54	67	63	70	62	67	73	88	59	62	65	71	60
2320215	47	47	51	49	92	54	50	238	87	45	258	91	173	50
7100541	162	66	209	147	104	150	156	61	83	138	105	160	128	90
3360707	50	49	49	49	48	49	43	47	47	44	47	61	46	50
3450286	68	74	57	55	73	53	69	64	50	69	66	69	72	60
840494	44	40	38	49	40	41	40	53	43	46	74	40	42	37
6770131	46	37	47	45	38	54	67	41	49	45	42	42	48	40
4610333	69	67	62	68	67	64	60	65	67	62	51	59	66	60
6350192	62	68	60	59	62	53	75	97	68	84	69	93	69	74

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
110189	49	56	62	69	74	71	85	63	66	62	62	78	62	73
2480431	70	54	63	47	68	54	60	69	60	70	59	78	54	70
450020	76	55	46	56	45	59	60	57	46	71	49	55	51	50
620202	75	63	74	140	79	74	87	72	79	128	90	83	79	98
3930379	187	150	183	142	94	214	243	141	118	157	135	134	127	147
7100431	80	67	72	62	76	71	68	1060	69	74	89	60	70	77
5490301	221	142	212	265	243	121	188	219	211	143	222	173	205	290
3890601	86	93	124	116	68	77	99	60	75	68	71	76	70	79
1240195	49	41	45	40	37	35	47	40	41	39	40	40	41	44
4850528	61	72	67	67	64	57	97	65	54	67	67	61	68	72
2650075	47	52	41	40	49	54	50	44	55	52	50	46	42	38
5900608	78	73	80	84	75	58	81	77	64	70	70	64	85	92
20112	49	46	50	54	46	50	60	55	40	48	49	47	57	47
2900064	64	61	61	79	57	58	68	70	75	62	64	60	62	70
4850070	51	58	52	53	46	60	59	49	79	44	521	506	360	48
1090451	77	93	66	70	61	82	72	79	154	53	915	699	349	79
3420554	68	59	375	192	414	111	55	42	220	273	114	58	305	52
2970370	45	48	47	48	62	56	53	56	176	46	65	70	59	90
7570753	49	121	47	46	71	54	49	49	968	51	102	152	75	48
6290008	45	46	48	48	49	49	40	50	73	39	50	80	48	43
1510014	172	227	214	323	284	229	206	468	276	183	391	233	213	233
7200609	83	85	76	75	83	78	82	68	65	83	77	56	80	75
520176	35	50	45	45	45	39	38	40	46	48	43	50	47	51
4210678	87	104	84	74	71	104	114	74	625	133	143	315	216	99
7040019	43	40	40	33	40	43	42	46	47	42	42	43	39	39
110347	100	78	129	148	132	111	115	287	209	120	121	199	151	82
4120427	63	60	62	57	56	47	48	55	50	58	39	63	66	56
1260762	56	71	60	66	69	66	62	215	54	65	45	54	64	61
1510332	74	79	69	65	53	73	85	177	75	78	60	71	63	79
3140373	46	41	45	49	41	41	37	84	44	52	40	43	43	46
1580437	40	47	44	41	43	46	43	205	44	43	41	44	48	44
770739	80	80	83	87	593	74	85	82	71	75	90	72	81	89
1050168	4868	40	237	1098	53	2125	127	46	44	1929	42	67	49	46
3310093	205	126	141	182	143	144	133	154	152	143	174	118	139	129
1570039	219	110	119	210	122	110	224	598	225	118	214	243	135	100
6200168	201	79	202	183	146	137	148	189	103	189	127	193	169	67
4010519	55	75	50	55	49	53	560	47	47	54	49	68	59	50
2480424	156	48	87	63	132	127	163	944	204	134	212	114	122	88
3850064	302	147	180	242	178	298	137	351	299	134	169	180	213	154
3450332	49	67	50	57	61	69	68	54	55	49	53	48	61	58
4780139	64	58	71	57	70	65	60	59	187	65	59	60	63	74

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
6330187	136	52	194	191	434	148	240	58	89	99	348	602	278	44
6840739	103	67	126	156	225	120	133	69	70	119	159	204	165	82
6420687	59	62	64	53	73	64	201	86	47	77	68	61	66	77
7150132	327	183	279	455	319	168	292	943	448	455	229	356	302	254
5810253	119	88	152	92	197	139	99	137	284	94	138	117	141	99
2710452	41	43	49	47	44	43	50	60	41	50	41	48	43	44
7400598	83	89	63	69	78	84	71	76	79	91	72	66	102	81
770615	45	44	38	46	46	48	40	43	50	43	45	55	41	38
290136	52	57	68	59	45	55	56	59	78	57	57	96	62	49
6450746	47	46	44	47	47	54	48	45	47	41	43	82	45	40
4250626	137	107	137	223	90	169	300	99	114	129	139	170	149	103
5390474	51	41	44	44	39	35	44	50	50	40	47	42	38	39
4480301	53	50	53	56	50	56	58	47	54	61	71	104	66	56
2690519	56	58	56	54	48	64	57	51	57	56	57	82	53	60
2260615	318	318	338	320	496	268	309	717	478	346	220	324	343	328
4780373	85	73	80	77	78	111	80	80	68	70	77	67	85	72
6330593	60	447	47	55	112	51	63	46	208	56	1141	2265	68	277
940646	63	78	63	55	61	80	64	69	85	60	146	334	71	68
6900414	306	71	2291	2109	69	1522	2691	78	103	1842	61	82	137	80
6400465	126	40	210	117	136	131	138	2524	46	158	221	178	168	43
3850603	85	73	78	104	79	65	76	75	104	95	71	63	82	87
2350132	48	45	36	42	44	46	46	38	42	50	46	88	49	52
130754	110	45	111	170	46	188	183	44	158	68	45	49	49	39
1510291	842	363	2761	2020	1560	885	898	172	1131	2444	870	357	2301	367
5960224	419	206	1122	1056	845	365	383	60	561	1237	381	206	1015	188
5490689	53	57	54	53	55	60	71	80	58	62	57	93	62	54
6400603	37	45	43	42	45	44	36	59	39	37	42	41	46	48
1410603	135	126	225	256	118	187	210	172	368	145	162	111	136	158
2760239	53	51	42	44	104	69	54	57	50	46	70	95	45	46
450132	124	140	132	139	129	143	140	169	171	73	151	138	124	172
3420372	46	48	62	46	53	66	57	122	96	52	138	94	91	49
1300187	239	69	134	128	107	243	191	103	153	90	172	215	127	63
3610170	63	69	63	84	74	74	67	71	71	71	81	66	68	75
6350475	74	90	70	77	88	78	66	69	76	73	68	56	73	68
6590438	51	36	42	46	46	45	43	45	51	45	42	54	42	49
1260722	53	57	52	58	50	41	50	54	47	51	42	53	51	54
4010592	61	57	58	57	59	61	49	69	63	65	64	57	74	69
7160739	72	52	76	65	72	57	54	60	46	69	61	58	54	70
2650370	298	347	469	428	439	175	185	1109	703	391	614	646	491	174
2570220	152	204	122	89	159	124	99	207	134	152	157	126	130	160
3930372	62	60	84	51	75	71	68	67	47	65	56	58	73	71

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
7560497	41	48	41	40	51	49	39	47	373	48	45	40	44	50
1510424	3240	38	54	581	775	2785	3316	252	51	1123	38	44	50	49
130338	68	61	61	46	62	59	60	59	52	62	52	108	72	55
1690563	242	253	278	110	165	142	657	47	50	195	54	2495	372	63
4050291	52	36	48	42	49	54	76	43	47	41	40	226	72	41
3710022	43	47	53	47	42	47	71	50	56	56	46	244	126	53
2350482	73	55	62	60	65	66	60	73	68	61	73	43	56	75
5050270	64	84	82	57	80	54	65	55	99	59	100	60	75	59
3850767	83	52	66	68	359	74	147	84	374	76	394	217	425	51
4900520	86	147	70	72	79	65	69	67	1066	78	88	84	86	103
5260343	274	257	660	181	191	306	203	57	211	240	1678	386	1136	963
520370	66	53	82	86	61	68	70	73	60	70	56	60	55	56
6840154	52	44	46	41	44	43	63	47	37	40	43	103	46	46
3130706	67	75	88	66	68	68	69	70	64	60	90	65	81	72
3990278	42	39	42	48	50	49	39	40	47	46	47	44	42	43
4890021	138	58	50	49	79	50	47	58	239	43	62	46	58	62
5720379	83	106	83	77	69	75	95	64	92	75	68	90	77	73
5700441	44	67	49	57	48	47	52	38	53	45	45	61	41	48
6770333	49	51	50	49	114	54	61	54	53	49	49	160	65	53
1050563	47	50	47	50	40	48	49	50	52	50	42	43	48	54
830095	35	39	45	43	48	42	42	49	39	37	38	51	42	44
450246	64	68	72	80	781	68	65	73	55	72	74	63	79	76
2970112	73	77	93	93	131	91	88	75	79	67	71	71	83	88
1710356	65	63	52	65	4018	68	65	61	71	64	78	61	55	74
510561	50	44	46	53	188	48	45	46	41	47	42	48	43	48
5670082	55	58	52	49	58	51	56	48	48	52	58	45	55	136
730093	37	42	38	44	42	45	45	41	48	42	45	37	43	30
730148	106	69	101	106	87	87	90	63	77	97	103	114	71	69
4220053	36	44	42	45	51	52	44	106	43	36	203	414	252	44
270301	53	56	60	85	74	71	65	63	51	60	75	68	55	70
2070372	99	67	75	71	59	79	76	70	84	92	96	68	65	68
1580653	100	79	82	83	72	86	99	176	83	131	83	86	76	88
10066	52	51	53	48	50	53	54	49	49	61	109	393	49	45
3120286	62	49	55	58	51	60	59	51	52	60	60	60	51	58
6480450	50	60	43	50	47	37	45	46	62	45	52	54	41	48
6650152	64	62	50	65	60	63	56	76	58	60	62	65	48	65
2570672	44	39	39	35	44	44	55	45	48	48	40	42	43	38
4670138	87	45	89	82	64	75	143	53	55	51	296	210	78	52
20609	137	58	147	168	277	238	327	60	152	200	253	276	203	74
4480390	33	43	43	43	43	47	45	48	43	37	42	43	40	45
7380152	258	656	303	192	206	182	239	370	371	148	200	610	212	296

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
2810762	59	56	62	71	58	56	54	50	68	53	67	48	67	65
1740692	56	69	76	75	69	83	69	87	70	66	80	70	70	76
2450452	440	613	1565	1827	482	1564	2178	1046	192	797	2423	1690	519	245
4850576	40	35	45	42	40	44	43	46	53	45	41	41	35	44
510133	130	129	139	162	144	118	124	204	177	144	169	114	137	215
2640598	77	78	62	56	66	74	65	74	72	64	71	64	62	56
6330730	1165	1989	1968	1124	462	1449	1070	42	1560	2748	260	107	98	1794
4560228	62	53	48	72	60	63	76	67	71	62	65	69	70	59
4610201	150	142	240	188	172	157	201	138	113	193	146	94	173	142
6510156	529	260	712	562	288	349	414	508	205	417	361	446	684	64
5390767	52	58	47	52	66	68	68	69	39	58	49	46	50	49
5490465	65	63	63	66	74	59	71	86	64	72	55	75	65	72
6960438	73	57	50	65	61	81	53	106	68	70	69	73	61	45
4060025	77	47	78	59	60	57	58	76	53	65	71	56	61	75
4850711	95	68	131	104	108	80	142	71	106	84	99	92	84	95
3990497	323	246	205	297	490	98	265	147	284	211	197	569	341	190
4200711	97	124	83	81	111	57	73	148	93	121	68	98	84	93
3180647	67	71	64	60	83	70	61	103	78	59	65	67	56	64
1090196	57	52	99	106	100	58	64	54	67	70	67	53	107	60
5260280	93	70	88	75	72	91	90	87	75	105	67	82	61	64
6290091	211	143	178	192	120	130	178	415	134	93	145	165	138	176
2710687	67	120	65	79	79	63	64	60	56	88	63	62	70	97
6270731	71	59	64	55	67	62	57	60	68	73	57	65	71	75
3840091	101	88	111	82	91	91	76	173	72	67	80	78	85	72
2510164	216	222	489	225	176	163	202	1905	116	126	769	278	265	182
580161	116	112	157	95	82	112	125	810	93	74	372	114	136	95
380685	226	281	327	278	249	141	212	2337	119	174	1066	268	311	213
4210044	57	77	75	67	85	65	78	112	69	65	70	74	67	82
2450020	68	55	89	83	82	55	62	76	81	47	67	68	70	56
20543	76	65	70	77	92	72	63	60	60	71	62	62	62	64
4390044	58	63	61	66	66	54	55	61	54	66	61	55	58	65
3870156	64	51	57	63	61	60	56	65	68	66	63	60	47	48
1850273	95	68	103	63	124	75	87	68	79	56	93	104	70	61
3310037	51	59	50	40	52	41	48	40	131	43	51	57	49	46
3370736	396	205	382	308	720	597	526	358	1041	495	1201	1284	733	433
5310368	50	44	52	44	41	41	43	44	39	46	42	44	49	42
160433	46	46	47	45	43	44	41	46	43	44	54	43	51	45
2070735	176	135	127	221	174	99	178	245	167	127	154	180	159	176
3710711	169	140	152	307	233	157	199	466	167	136	262	236	223	229
6860138	49	62	55	64	58	51	61	63	85	56	53	49	70	58
5340692	162	53	84	76	136	141	164	67	149	74	185	219	159	59

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
270347	72	62	68	100	81	57	153	979	132	67	79	118	73	108
2690577	55	52	54	59	52	61	52	58	45	45	55	67	55	46
870475	64	70	61	106	61	64	69	74	51	69	71	68	75	78
540014	73	61	67	66	55	60	76	58	73	69	79	67	57	71
6040433	38	40	41	43	53	39	44	38	55	41	40	57	46	43
4810730	54	64	64	59	96	66	71	68	77	58	292	984	388	67
3180639	45	39	36	49	43	30	35	39	83	46	40	39	41	39
60017	61	62	63	68	74	71	60	62	64	60	63	42	78	60
3520768	56	39	697	139	75	62	75	37	475	329	211	302	365	44
4280192	77	73	66	69	67	67	63	119	59	65	67	69	76	73
770255	57	66	55	61	78	70	68	80	80	64	70	70	63	67
1770603	140	36	37	173	37	529	974	39	38	67	42	130	55	37
1410192	71	58	66	71	98	80	76	233	61	73	104	132	74	74
1230672	45	45	48	46	49	49	49	40	44	55	40	47	44	56
4040632	63	66	70	65	63	62	40	64	55	70	71	41	62	60
4730376	43	44	44	44	46	44	47	40	44	43	43	53	41	48
4900634	43	55	44	43	55	42	44	39	37	46	84	156	40	42
4290209	336	85	260	280	275	272	343	394	117	270	314	355	250	73
940674	59	42	45	52	51	113	61	42	51	46	53	78	39	42
3360762	118	101	114	128	97	152	137	138	80	133	139	121	109	63
6180750	36	46	36	40	42	42	40	40	42	44	40	41	40	47
2320168	45	44	88	63	43	120	62	57	60	49	44	58	44	38
6980470	52	38	30	39	38	40	44	37	42	39	50	132	51	43
2640301	55	46	224	46	43	88	60	323	44	53	75	95	233	44
6100484	74	68	97	90	68	46	88	199	58	58	60	52	62	60
6060376	68	78	79	80	72	56	76	86	65	74	81	61	79	60
2570161	154	79	170	186	149	279	175	93	66	126	185	236	169	77
990441	43	46	50	43	45	50	51	44	44	49	41	49	48	51
4730564	143	158	151	124	151	136	147	115	215	114	136	179	223	208
4890092	133	63	124	104	94	151	164	74	89	95	123	117	73	74
430300	61	61	76	75	66	55	64	66	61	64	57	64	47	65
3850326	46	42	45	42	46	37	55	42	41	42	51	52	44	42
2030709	77	78	71	58	83	85	60	77	82	56	81	81	83	63
5260253	43	43	39	36	38	42	42	39	51	37	44	39	42	42
6040731	58	40	41	38	68	44	39	46	42	42	36	58	43	37
6420605	68	72	85	70	104	76	100	80	74	80	81	159	300	92
4250367	116	58	63	71	106	73	87	81	82	77	82	104	125	74
3930086	522	317	410	471	388	339	548	687	612	389	493	734	481	477
6580059	44	50	135	275	331	134	140	1507	104	92	391	332	231	71
1070088	56	62	67	62	58	72	56	74	54	60	43	176	72	64
6370703	338	38	272	1009	40	266	779	38	40	338	48	1113	55	40

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
6860392	75	67	83	71	82	74	71	74	73	61	443	547	186	71
2190408	61	55	48	53	46	57	54	50	66	52	45	68	51	46
3390215	63	59	60	66	75	75	55	64	45	67	55	66	65	58
7000619	92	67	66	72	71	72	61	402	66	64	61	64	58	62
5420189	42	47	47	53	50	51	55	57	49	51	94	84	40	49
5570181	65	63	59	67	68	64	50	86	78	55	117	88	73	57
5810730	37	33	35	40	35	39	38	39	37	38	42	39	42	38
5900228	55	81	48	75	77	63	82	70	62	69	63	60	67	91
5360601	72	84	73	106	91	105	99	75	73	77	106	97	88	85
7610524	60	56	58	50	56	69	57	60	59	66	61	60	60	52
2850619	83	81	114	63	120	85	75	77	90	87	2542	152	125	73
3130372	43	41	53	47	54	47	50	54	43	53	46	50	48	43
5910414	42	48	49	40	45	46	41	42	48	43	48	40	44	45
5870091	61	84	56	51	52	54	51	57	55	57	62	58	51	56
1090008	28	36	40	38	33	31	43	38	44	44	35	45	39	38
70451	69	72	88	70	265	75	79	6247	100	82	130	98	95	81
3710026	46	44	43	42	52	48	42	45	56	45	47	43	56	44
4260286	271	119	219	306	83	147	170	75	71	235	99	100	91	92
2810451	43	39	39	45	83	43	48	44	574	46	1147	744	88	39
5700431	128	104	111	80	111	59	79	68	110	77	102	114	97	74
1240746	68	64	60	62	68	72	67	64	79	78	65	100	57	71
2710343	63	45	207	281	47	161	532	40	43	48	59	154	58	42
6840202	59	57	120	202	75	321	341	50	62	67	107	63	67	68
6940431	55	50	55	50	60	61	58	49	247	51	209	165	359	72
4490743	56	72	51	58	61	60	56	53	62	48	64	57	69	64
4810632	52	68	59	71	47	71	61	49	73	64	70	56	49	67
5220753	70	65	63	58	62	63	70	74	63	60	74	71	72	66
6200091	67	64	75	53	59	62	70	44	70	47	63	53	56	81
2690279	44	51	45	45	52	40	52	48	96	37	44	44	51	38
6590523	86	59	59	55	71	51	89	49	70	49	195	153	76	44
670414	71	55	49	54	47	58	67	52	748	55	49	59	58	58
4490288	44	122	42	46	42	43	43	50	366	39	40	46	36	37
6580717	70	34	52	51	106	92	64	258	45	40	70	103	58	49
5560411	205	112	161	147	113	145	137	130	212	271	131	200	140	131
1170154	103	102	121	121	101	115	89	100	140	129	105	113	120	111
3290152	91	70	82	64	86	88	84	67	114	98	106	127	84	89
3310592	564	749	469	945	747	519	418	1286	780	481	1246	436	591	1362
3450750	1368	1432	999	2179	1871	1282	883	2996	1542	997	2737	839	1232	2961
3400070	232	206	220	189	137	237	237	188	204	310	148	198	141	184
20603	214	165	209	252	174	213	196	559	221	276	187	213	217	197
6580113	72	60	76	56	71	65	56	61	68	104	55	164	73	63

ProbeID	[[040], HEK-a t (Human Epidermal Keratinocyte-adult), MBA_2115	[[041], HHORSC t (Human Hair Outer Root Sheath Cell), MBA_2123	[[042], HOK t (Human Oral Keratinocyte), MBA_2126	[[043], HEEpiC t (Human Esophageal Epithelial Cell), MBA_2128	[[044], HPAEpiC t (Human Pulmonary Alveolar Epithelial Cell), MBA_2136	[[045], HBEpiC t (Human Bronchial Epithelial Cell), MBA_2137	[[046], HTEpiC t (Human Tracheal Epithelial Cell), MBA_2138	[[047], NHBE Normal human bronchial epithelial cells, MBA_042_R	[[048], REM RPE, MBA_043_R	[[049], HSAEpiC t(Human Small Airway Epithelial Cell), MBA_2139	[[050], HRPTEpiC t (Human Renal Proximal Tubular Epithelial Cell), MBA_2147	[[051], RTPEC P3 Human renal proximal tubule cells, MBA_039_R	[[052], HREpiC t (Human Renal Epithelial Cell), MBA_2148	[[053], HUC t (Human Urothelial Cell), MBA_2152
5870008	65	69	72	70	44	58	55	232	57	65	60	57	59	72
7050201	60	64	71	71	82	66	64	71	70	63	53	67	57	70
150735	59	69	50	57	58	61	59	59	136	52	71	59	51	62
510066	61	64	61	76	56	69	51	63	88	73	65	55	67	73
1470162	72	59	79	75	84	73	63	88	60	83	79	62	72	80
3520168	86	224	207	138	1171	117	102	78	117	78	168	508	145	110
1980538	64	68	67	64	54	70	74	59	85	55	68	63	68	67
5820026	129	87	135	136	105	93	78	123	76	122	100	103	91	129

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
4850086	44	47	46	40	35	43	44	48	43	48	42	53	41	48
6110592	55	55	73	66	66	111	71	87	52	105	83	87	126	100
3190082	52	47	47	44	60	64	52	57	48	56	60	54	56	48
1450100	37	46	46	40	42	56	44	42	45	51	47	51	46	44
5490382	43	110	43	42	40	38	43	37	40	46	43	43	31	40
3520709	97	73	113	141	81	82	92	69	124	80	91	68	72	71
3120681	48	152	41	46	46	48	50	47	43	42	54	39	43	43
2030161	70	1293	64	56	63	81	221	87	76	62	71	64	101	77
270709	83	1665	84	80	65	74	57	69	73	66	81	67	56	68
2320377	44	1497	40	45	44	42	44	33	45	45	44	43	40	41
1260270	68	64	100	81	71	82	62	66	71	74	109	98	82	83
2760274	86	59	52	426	48	43	41	50	179	50	50	46	44	46
2650736	48	54	49	49	46	46	47	52	48	48	47	41	56	57
5910010	78	18776	97	87	69	76	83	69	93	65	111	70	73	75
5310524	84	94	115	105	104	118	91	91	109	74	145	145	155	109
3780156	50	41	52	47	52	38	51	44	43	41	63	52	39	39
1050561	60	1871	59	69	79	62	86	70	64	80	87	86	71	65
2480040	47	37	51	36	50	56	42	50	38	38	50	51	49	50
5910309	42	41	36	44	36	34	37	36	38	33	41	37	48	34
5810050	56	55	62	62	72	93	75	62	51	61	185	85	73	68
1030184	51	191	48	49	48	43	48	48	44	51	46	56	48	49
3460279	62	1561	49	49	56	49	45	49	55	50	46	38	45	51
4570364	73	2628	76	65	69	84	101	80	109	83	84	71	96	81
6380020	60	19401	59	79	66	79	61	72	72	57	60	66	63	68
3780468	64	204	53	56	56	57	73	49	52	62	56	63	63	70
240541	41	3426	45	48	39	55	45	37	47	48	43	46	47	54
2630010	50	875	52	64	61	57	71	67	53	60	55	55	55	47
1740669	37	1897	47	38	39	35	31	41	44	34	38	35	41	40
2340577	43	45	51	43	46	50	49	47	46	40	54	46	49	49
1850521	79	68	55	65	48	62	50	53	85	59	50	85	55	63
2650594	40	47	47	37	45	38	39	37	44	41	38	43	39	44
130110	41	55	132	236	55	56	68	77	156	53	36	62	45	42
4830376	49	49	44	44	47	1506	44	832	49	44	1225	49	44	199
7200435	81	52	170	53	64	93	58	113	56	62	60	50	53	61
6290239	56	73	70	87	198	465	107	722	105	220	69	88	60	90
2480241	65	128	139	147	348	140	118	201	259	164	153	133	153	111
5080561	126	107	142	110	168	145	91	147	202	116	265	284	307	277
1770253	37	41	44	35	49	53	44	44	39	39	48	37	42	42
6280440	62	43	48	35	46	37	39	41	36	45	43	37	33	37
3450347	48	45	44	44	116	49	44	43	52	40	35	43	50	47
3170100	45	40	47	44	60	68	56	121	36	42	130	40	46	55

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
2600554	83	70	74	75	82	82	66	72	73	61	144	82	74	72
2510253	233	166	138	79	349	354	182	444	62	252	816	54	76	256
7570477	245	101	210	149	130	128	95	121	141	123	167	129	132	106
7510424	378	178	274	231	157	155	152	128	133	162	247	165	169	169
6040452	95	75	75	55	70	89	53	110	67	74	58	50	63	57
1850068	229	355	261	219	224	175	278	169	153	268	249	541	552	205
6110440	80	68	66	78	69	69	71	77	75	77	76	64	73	73
6960035	34	45	47	57	112	51	37	66	138	40	223	45	91	61
7050215	47	44	44	52	66	40	46	42	44	41	45	52	53	45
1710242	113	256	157	166	162	194	236	232	186	261	191	288	266	197
4890670	72	65	92	76	70	111	64	69	69	76	3798	72	71	1826
4540468	62	60	66	67	62	66	80	59	57	63	56	55	58	63
6510360	301	577	254	282	221	274	291	257	244	294	142	237	178	355
6110102	70	153	63	46	47	54	71	53	42	49	52	44	54	42
6110152	49	47	42	42	43	49	45	44	49	45	132	53	42	67
2490044	90	107	82	73	78	115	89	67	61	82	199	126	117	105
1070224	48	41	46	41	57	53	49	53	48	58	41	55	53	66
2070377	69	59	63	68	67	68	63	60	62	95	65	58	75	56
2000128	45	487	39	42	44	42	41	45	46	40	37	47	46	42
6100241	42	48	41	42	71	47	37	40	47	44	39	52	35	37
6420689	121	67	135	50	64	65	60	51	81	60	58	72	53	55
6060347	52	38	57	59	53	43	48	52	50	48	48	47	55	52
6040156	183	93	145	78	140	100	78	136	101	72	141	73	76	118
3870593	63	69	72	73	86	91	58	77	77	76	78	72	77	57
3610180	46	43	42	38	46	49	52	39	50	48	195	46	44	55
6450403	52	1101	45	42	44	45	45	48	43	45	53	41	38	40
4260280	74	75	79	73	73	74	66	68	81	70	78	79	74	71
6650215	88	98	80	93	78	95	66	90	91	88	157	80	85	83
2190139	50	56	42	49	47	44	48	38	38	35	46	40	45	40
4850170	43	45	38	53	188	45	52	48	43	38	45	36	47	36
5310343	47	31	49	44	78	53	45	57	47	45	2542	57	47	49
3710176	80	66	82	89	80	70	75	86	79	98	90	77	99	90
1450671	164	169	88	88	112	96	94	86	82	107	82	86	103	78
3830598	58	49	58	56	51	44	51	52	51	53	52	50	45	47
3830170	294	297	195	175	138	114	108	144	213	190	244	130	142	196
5340348	60	61	52	56	70	56	61	68	67	69	78	72	63	60
780356	66	52	51	52	59	50	56	64	59	54	65	57	53	67
5360070	371	502	810	288	402	935	812	775	129	376	456	1603	652	1129
6250672	320	58	70	60	268	78	75	86	51	240	65	50	57	78
580100	58	55	86	57	59	64	58	56	53	95	54	61	58	124
7210136	50	43	40	52	47	53	41	45	42	44	48	45	47	42

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
1170671	41	63	37	40	45	43	43	43	42	41	45	40	45	44
1580411	41	59	37	36	44	42	40	41	37	40	34	40	38	37
20129	78	68	96	70	88	70	79	69	82	73	76	75	67	73
4220068	141	73	69	62	71	94	70	73	75	87	75	69	81	105
3940504	111	86	99	76	90	91	91	96	108	90	95	93	81	91
770167	77	73	128	100	92	66	75	71	145	172	73	69	89	95
4200451	60	88	113	54	66	122	101	108	38	60	70	210	106	127
3460152	67	70	130	51	74	131	103	135	46	65	73	259	150	159
2940398	62	91	149	60	81	143	294	177	57	88	107	290	275	142
2260424	66	69	65	57	167	118	161	92	73	71	195	66	62	98
1260025	280	290	355	175	282	233	223	250	301	314	332	277	310	220
5260014	223	325	442	143	311	428	436	349	71	255	288	1176	312	768
2360632	68	68	101	64	65	67	70	65	67	69	75	62	70	58
6350437	54	110	56	108	92	91	45	86	95	59	1186	63	56	203
4920019	70	81	71	78	68	56	72	62	91	69	74	72	74	64
7050053	67	56	63	64	57	65	64	61	73	49	55	61	58	75
2350730	64	58	66	63	61	62	62	47	63	57	48	68	84	55
6860446	115	86	84	68	118	112	93	74	76	96	70	68	97	121
6840609	123	93	87	91	124	59	90	64	73	80	71	75	70	401
5270022	70	41	49	53	115	55	51	51	56	55	45	64	49	319
2650484	47	47	42	44	42	52	50	46	51	33	45	52	50	69
5550372	72	70	54	77	84	71	69	72	71	61	72	71	66	167
1580487	167	230	199	53	306	536	145	509	50	147	360	137	169	137
6420356	55	39	47	52	57	50	47	55	61	47	316	47	50	42
5290711	45	44	49	50	42	45	40	60	55	43	336	43	47	43
780528	1017	1413	1629	672	2021	2011	1981	1333	461	1276	1129	3975	2346	1435
5670722	57	54	62	71	58	64	73	76	90	83	71	66	74	61
3780291	229	266	144	124	141	143	73	129	201	109	208	99	94	82
2650673	46	48	45	42	45	46	47	37	35	44	57	46	43	45
7160376	66	67	74	75	65	75	81	50	78	66	52	61	67	74
6370414	49	42	46	41	40	49	39	49	51	43	43	40	49	43
670398	59	79	62	79	222	265	100	165	90	76	2471	109	123	277
10187	232	155	173	158	192	273	240	202	112	194	174	252	156	247
6100139	48	43	49	45	42	48	47	52	45	57	46	44	43	46
3390372	252	55	202	44	40	64	45	70	47	218	92	45	44	54
1450392	49	44	48	46	56	46	46	53	47	48	56	52	48	39
4010136	60	141	58	49	52	128	41	208	48	67	56	58	56	54
5390113	122	76	93	66	86	94	100	84	72	281	163	122	124	122
580754	36	50	45	50	36	40	41	48	48	45	46	48	47	46
2260445	53	61	55	59	60	51	59	66	46	61	224	64	57	53
1170047	81	153	168	404	251	136	84	127	215	74	149	141	130	1409

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
5860048	96	121	114	86	81	76	93	83	116	155	93	101	141	74
360296	63	119	63	64	187	967	60	492	65	67	4558	123	310	802
540685	61	857	55	76	71	53	66	58	63	49	65	64	62	59
4280440	73	77	85	95	81	1057	95	64	80	137	62	83	166	78
3830202	40	52	51	51	53	62	50	72	67	51	51	52	56	111
4010095	34	48	42	51	34	50	51	53	44	49	48	49	47	46
6900377	41	42	39	47	50	42	48	36	39	43	42	42	43	43
7650739	64	63	71	65	67	58	79	60	59	79	67	78	73	70
3870608	135	185	162	212	193	203	198	268	208	120	383	240	198	221
6370541	48	52	51	45	52	45	45	47	47	39	39	47	48	49
5860674	66	63	55	59	68	63	56	57	58	68	62	77	71	52
5820551	68	60	58	71	59	67	68	70	65	68	76	70	74	69
7510128	97	76	66	69	69	80	88	64	88	88	71	70	94	71
1230603	88	76	75	54	67	58	77	85	77	72	66	60	66	64
2710504	41	44	41	48	38	44	43	46	44	45	44	38	43	37
5220196	131	141	184	131	139	212	153	256	206	127	410	212	258	201
620041	40	38	44	42	45	44	46	40	43	46	45	52	49	38
6580626	93	67	69	65	77	170	58	154	71	84	325	94	101	97
2100711	56	74	51	44	52	49	49	55	49	52	44	45	45	49
2260274	311	45	81	43	47	44	45	41	44	168	54	49	46	41
4850746	58	65	62	59	64	58	55	51	68	67	54	59	69	79
7380678	35	254	38	41	36	41	37	37	41	37	48	39	35	43
4890750	87	89	108	105	116	104	93	103	110	78	105	135	132	98
5960672	557	483	448	362	493	438	411	439	505	348	830	453	590	387
870477	62	72	63	54	50	64	66	61	64	61	63	60	58	54
2230341	86	87	57	83	77	76	66	73	72	75	73	73	74	80
1770497	65	65	69	74	56	71	53	54	52	53	52	70	57	74
5550553	126	95	71	90	72	105	74	139	80	66	129	61	75	71
4890671	69	100	71	65	77	72	77	80	75	79	70	61	78	77
20192	97	92	137	174	193	155	99	177	180	87	202	131	155	116
5900017	65	78	94	52	70	62	130	81	47	85	64	284	245	128
7040100	62	47	172	41	43	45	41	39	43	37	40	45	45	33
6220209	56	47	49	45	43	42	35	49	42	56	39	33	49	42
5570703	55	62	67	58	59	70	59	60	63	63	68	50	70	61
1190091	61	73	62	70	68	64	50	94	63	53	81	64	78	69
2370768	40	40	39	43	42	40	41	46	38	44	41	44	43	44
6420736	75	1096	73	186	80	79	206	94	157	79	69	111	205	127
2450411	59	947	58	170	50	81	138	70	140	57	66	102	198	103
5720465	66	1078	108	210	99	110	214	100	159	104	73	119	206	150
450736	65	78	68	68	74	81	79	76	77	88	74	63	84	80
7550086	36	46	38	47	42	43	35	46	45	36	43	41	42	41

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940746	40	45	44	51	88	59	49	50	47	47	59	44	45	74
4280132	70	56	60	50	61	199	135	217	60	53	58	56	52	56
4280504	51	44	52	51	48	62	74	96	47	48	47	40	45	50
6330553	240	172	180	232	295	291	221	233	208	290	288	264	315	278
2100743	219	185	219	220	789	433	242	373	295	278	1049	305	474	397
6560523	143	111	125	122	220	202	145	159	161	144	403	173	207	199
5340338	82	111	151	90	150	168	142	111	83	106	456	185	322	134
6650196	215	271	177	178	276	632	265	633	141	213	643	245	196	478
6350204	83	73	89	75	57	83	73	75	74	72	68	62	77	67
1170605	222	104	157	131	142	270	93	537	170	323	621	78	58	394
670333	37	39	48	41	35	42	45	42	54	42	36	43	42	45
1410240	42	40	42	33	35	35	38	37	66	40	40	39	40	41
6370356	105	163	210	79	4680	1108	66	625	70	87	3129	69	66	329
2510356	42	36	41	42	46	50	42	38	40	41	50	35	39	41
5270468	46	46	45	43	48	43	55	46	38	43	48	47	49	46
1030209	40	40	38	36	43	41	36	40	33	43	36	37	36	37
4200437	274	166	367	376	264	520	260	307	144	339	497	310	185	425
830543	43	37	43	36	41	42	46	62	44	37	37	43	40	36
5690112	51	53	46	58	48	62	45	55	51	51	59	57	47	91
3360095	73	64	56	51	66	50	58	69	63	73	77	74	83	56
7040678	64	43	46	53	56	6134	52	3493	56	49	15498	71	82	11468
4200541	554	170	336	152	223	107	174	103	86	344	75	100	141	222
2370646	41	45	49	46	41	54	45	69	40	44	57	56	54	61
5130100	35	47	49	40	55	54	37	85	41	38	42	39	42	39
1660243	35	37	36	44	40	45	44	41	42	44	42	42	42	42
6220307	45	61	59	57	68	68	57	63	62	56	60	54	64	65
3460446	77	68	58	79	66	75	69	77	88	91	80	77	67	74
2940403	919	654	672	334	1078	754	646	904	317	510	377	443	616	593
1580215	131	92	146	83	180	95	82	106	139	177	142	120	140	142
130463	60	52	54	52	61	58	57	52	61	53	57	54	46	55
4120703	45	51	54	47	66	54	50	90	41	92	57	40	49	46
6980367	62	71	52	40	50	52	54	47	54	53	55	52	52	51
3180156	61	88	64	65	47	55	59	68	49	68	66	79	54	69
3780193	70	105	48	42	43	40	43	45	39	138	39	67	128	43
5130255	55	12369	46	32	45	39	43	40	45	44	44	37	41	49
2850703	62	15889	45	54	59	66	55	70	54	51	75	48	76	62
7400072	52	16164	55	57	62	61	78	64	67	56	73	56	63	64
7210240	73	16446	84	74	96	68	86	68	75	70	76	71	68	75
5270619	102	77	102	81	85	72	74	78	69	84	237	68	71	88
2030451	42	46	45	48	46	43	38	48	49	50	47	44	42	53
10504	47	44	44	39	41	46	39	57	45	50	77	41	41	41

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2230008	43	16370	41	48	39	46	40	47	49	39	44	45	38	36
3180025	42	5189	45	44	36	36	42	40	43	41	46	42	36	43
2480228	64	11758	86	242	58	57	105	63	138	63	56	61	81	65
6110022	88	9273	85	242	71	80	108	64	89	81	75	69	79	63
4290014	429	352	390	195	466	284	308	295	345	376	437	314	389	254
7550368	116	87	109	92	790	766	119	1010	79	106	1432	66	66	174
7000575	96	69	79	86	68	69	79	71	71	62	91	68	79	84
5700095	57	54	68	74	64	58	62	57	55	57	242	57	52	60
2570500	102	73	75	68	94	158	71	152	64	93	116	70	64	227
1660341	58	67	71	58	100	71	95	71	65	88	68	67	58	61
1400433	65	60	67	57	63	82	53	59	72	78	78	71	63	63
4610592	240	1162	227	62	60	59	61	82	57	55	66	60	62	66
3170204	44	52	44	48	41	45	39	51	42	47	63	45	50	35
6860154	45	1064	51	40	44	44	44	40	41	41	44	43	37	41
1260468	45	68	43	38	45	60	38	53	43	35	51	37	43	43
4780278	81	7339	73	67	68	64	60	59	60	72	62	66	56	70
240053	59	341	78	55	63	60	132	61	54	99	56	70	63	75
4610520	217	717	152	48	42	37	39	58	44	67	41	47	41	38
3190167	52	52	53	41	48	66	46	75	40	47	1212	45	44	2270
5340730	63	62	64	72	47	68	61	54	96	78	67	61	62	71
940692	44	43	49	48	42	37	42	39	49	40	39	49	51	39
7320193	40	47	51	46	46	52	51	48	43	43	51	46	52	34
6330477	84	66	67	75	84	57	68	76	89	71	84	76	105	79
2340553	101	74	110	106	129	160	98	190	115	83	101	105	107	139
1660184	40	50	42	49	47	48	45	42	46	39	60	44	57	51
450368	76	54	52	37	45	38	36	49	41	49	42	41	38	52
3830044	58	67	57	81	67	50	60	75	65	64	57	76	62	66
6290554	89	67	64	74	71	67	96	70	61	77	66	65	84	71
3830332	76	91	77	75	59	63	68	63	82	60	65	79	75	72
1050414	80	930	92	59	63	58	76	89	73	73	78	67	79	81
780600	78	63	163	53	232	147	68	187	79	150	157	81	55	121
7050333	74	73	79	76	75	70	61	69	93	67	385	70	72	137
4290465	58	49	53	40	58	55	51	66	57	61	55	49	57	51
5720482	93	84	100	47	61	144	58	189	54	50	167	63	60	249
5260070	636	1424	950	145	1143	2317	490	1736	138	335	2270	218	940	1938
610201	134	243	113	72	342	1954	84	1080	114	124	3574	132	119	1864
5570279	745	691	309	303	158	156	272	140	183	553	191	215	193	171
290730	1200	718	360	253	168	250	389	185	540	523	105	109	75	143
6200669	764	316	217	150	76	135	210	128	184	242	89	97	70	86
6290685	77	93	79	78	61	74	103	63	66	85	67	72	69	67
6110630	1835	2985	1099	1080	441	392	951	355	3043	1867	315	342	342	354

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
5050402	460	578	340	256	143	114	257	109	352	431	127	126	153	113
2970019	78	81	67	55	42	58	72	49	127	86	45	46	53	59
610451	841	750	300	466	155	176	354	159	363	1073	207	111	128	189
6100022	518	466	250	231	209	125	303	135	417	780	189	214	159	173
870301	151	1072	66	68	2751	440	451	751	68	64	107	51	65	84
5260091	190	51	130	66	82	87	141	87	56	192	47	240	209	69
3460608	68	65	58	61	68	58	71	67	64	54	54	55	66	59
6590131	90	18864	67	70	77	62	64	55	71	72	64	52	63	73
2140196	68	4758	59	74	77	66	79	67	87	62	80	56	62	75
990091	70	81	94	70	57	59	67	72	63	62	62	83	72	58
2260747	63	76	47	69	222	68	67	73	47	67	160	60	65	62
3170403	70	1318	56	57	68	65	50	60	66	56	58	65	60	49
5570711	58	61	57	77	53	56	48	65	61	51	69	62	63	62
4920131	43	35	45	48	52	92	42	92	67	41	769	40	49	54
3290368	41	2207	47	45	41	38	55	48	46	43	51	486	69	45
4120161	41	79	44	43	44	71	73	132	38	43	63	43	45	56
6200044	57	106	46	56	58	90	161	129	49	51	85	52	51	68
5420386	187	236	378	83	100	307	865	242	62	247	218	106	187	123
1230538	59	61	51	67	130	220	76	215	58	133	1043	110	115	82
380259	49	63	46	49	43	46	48	42	46	45	49	43	38	47
2140376	71	81	62	55	65	165	75	64	65	67	72	69	72	63
870626	74	108	63	83	81	76	65	78	99	77	77	68	92	86
4040474	48	55	62	49	70	196	52	116	69	52	1206	54	53	83
7200719	239	265	309	423	568	348	294	391	545	249	332	361	377	359
2100196	190	261	410	281	177	342	411	285	222	146	216	362	441	1598
2690224	298	271	336	281	304	244	280	248	432	371	417	229	415	220
730722	63	1855	65	92	67	80	68	61	64	62	73	61	67	62
7610170	40	42	49	40	43	42	48	41	44	47	40	44	43	46
6960563	41	47	38	39	41	35	47	44	42	46	34	46	54	43
7320349	74	112	71	92	73	65	67	84	99	84	95	78	87	77
6960739	93	71	71	79	66	68	79	83	62	75	112	61	71	76
5390435	43	49	39	40	45	46	54	45	53	51	46	44	48	65
4060192	84	67	76	81	82	101	80	159	68	63	105	61	63	115
6220309	62	62	62	88	85	81	81	59	73	71	99	66	100	92
5490711	45	43	45	44	38	40	46	42	53	48	43	41	51	59
4390291	58	71	78	76	69	101	84	82	72	67	70	71	76	97
2000274	39	39	46	32	37	49	44	36	45	41	46	46	43	37
6960259	54	78	159	71	60	203	63	115	61	71	82	63	80	174
3370544	84	141	62	69	65	61	62	64	56	56	72	60	54	53
3130711	63	88	78	67	73	63	109	106	68	66	244	83	76	83
4810703	559	127	208	121	160	91	126	105	124	206	121	260	164	110

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
6660671	390	114	118	96	94	52	64	76	69	166	73	149	97	60
1940193	85	99	184	84	99	153	94	91	77	83	699	76	106	81
990112	70	75	79	93	89	80	56	78	78	66	76	73	75	83
4810424	38	37	38	44	34	48	39	90	40	41	39	38	42	38
580292	78	64	63	67	67	53	64	59	67	73	60	62	49	52
2320296	47	41	40	37	46	46	51	46	42	73	48	44	43	46
3990739	47	84	73	56	60	69	93	58	62	65	89	64	72	55
2030259	39	35	36	39	37	47	44	41	38	35	39	43	38	38
5490040	72	59	72	80	74	64	75	66	66	71	66	58	66	56
6400703	99	123	74	112	103	90	70	106	119	86	92	84	110	102
1570184	50	47	51	43	49	51	46	63	48	46	95	57	52	50
3610730	168	51	60	55	61	63	77	83	51	302	46	84	72	91
7380392	69	59	67	93	92	68	71	71	79	58	66	75	77	61
5900273	84	67	61	96	74	80	69	98	76	100	1519	81	77	70
1510075	43	49	49	48	39	36	47	39	50	46	458	48	41	50
6860634	35	52	49	47	45	50	43	63	60	44	60	60	43	58
6620259	136	85	155	127	165	100	97	111	103	140	84	80	78	182
540204	174	74	76	121	128	122	86	137	77	137	86	89	109	140
5080259	54	60	35	64	49	39	50	54	45	45	49	58	45	53
990086	44	48	40	44	49	43	43	52	48	49	56	46	46	44
3140259	43	168	46	62	194	57	69	77	76	40	65	68	47	111
2100189	228	157	155	96	236	130	147	216	225	142	407	136	130	184
4250246	318	475	305	707	355	414	341	396	525	499	520	601	560	417
1980079	72	102	100	94	384	130	77	130	96	116	115	98	95	76
4850300	144	76	120	98	263	120	132	149	128	142	322	106	151	160
6520440	57	72	59	55	2973	2212	75	2781	65	65	3666	57	76	1977
4210561	182	94	119	116	166	109	87	214	181	158	156	102	70	128
510632	84	74	74	87	136	102	159	136	98	142	430	110	125	168
4050398	200	45	365	47	47	50	41	52	43	64	43	48	49	51
5960524	62	70	73	66	73	72	85	61	70	54	67	63	65	80
460202	66	57	71	58	98	161	345	85	37	133	47	93	60	133
3780491	77	82	79	64	79	68	72	73	79	68	60	84	68	66
5290707	74	66	64	66	68	52	73	76	60	65	76	65	78	63
1450619	50	749	39	47	64	46	45	47	49	44	43	44	44	45
3190524	162	206	225	133	252	226	198	127	143	146	232	438	467	255
3840445	18221	154	17107	45	212	56	67	64	61	17736	57	51	64	605
2060414	84	57	94	56	71	56	60	94	69	70	65	78	58	62
5860289	7272	41	9592	51	42	38	39	41	35	9689	41	40	41	39
430446	1604	342	46	48	51	50	112	49	52	5773	47	50	339	85
7040142	135	825	227	314	69	81	104	70	156	163	77	101	66	80
3460685	129	1552	384	522	29	34	120	36	276	201	47	115	38	40

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
5490358	53	146	86	46	50	54	51	51	46	167	46	71	57	104
4390100	8904	443	7381	50	142	112	223	81	57	10368	55	45	54	84
3140427	67	52	59	59	67	54	73	55	60	63	68	80	67	63
4390398	1635	923	1266	104	88	98	111	109	95	724	75	95	92	71
520465	39	42	48	47	45	44	47	40	52	47	40	43	36	44
1570148	40	68	42	38	46	40	44	43	40	39	45	50	50	50
5860528	67	396	69	78	66	76	71	51	65	76	71	66	74	68
3180615	508	78	181	75	61	114	74	154	69	243	231	59	63	102
6840209	56	86	48	45	50	53	43	62	42	50	52	50	45	52
3710161	61	63	64	71	93	66	59	64	75	72	73	72	64	133
1470168	43	36	37	54	38	171	40	103	44	44	44	53	43	50
2900343	41	49	42	48	38	42	38	46	44	33	35	40	35	36
6420450	132	233	127	113	183	147	156	147	198	77	202	142	160	140
4220482	47	48	40	46	55	53	46	55	50	43	48	47	40	47
5260672	101	82	76	85	96	105	80	75	95	89	91	75	97	74
6980632	551	90	543	154	404	284	64	291	186	402	589	92	57	319
6660687	89	111	87	90	70	93	69	112	125	72	91	109	87	109
2690438	69	81	67	114	114	127	86	111	122	89	457	88	75	97
5270551	147	137	153	65	93	164	141	139	70	136	178	287	195	167
240343	56	61	49	50	61	54	58	51	46	60	58	63	46	52
1240408	54	59	62	65	64	54	57	55	53	66	57	73	78	64
4480528	73	66	65	62	101	65	61	58	61	118	54	61	58	74
240386	78	91	88	77	89	140	79	137	130	67	159	77	143	138
3780767	446	100	111	116	102	65	115	75	108	140	114	56	80	73
6620373	67	94	72	68	63	94	71	112	108	75	117	72	117	96
3930669	62	52	64	52	60	66	51	63	58	56	61	64	64	64
5490307	79	71	69	70	66	80	80	74	62	69	66	70	79	66
3060187	63	121	76	170	219	146	150	125	109	101	319	197	186	139
2490132	64	53	51	47	69	61	51	48	45	61	50	54	56	61
4150685	55	70	82	64	76	54	62	64	64	67	87	85	75	81
2260037	216	1786	80	71	513	75	263	110	73	299	65	65	78	68
1260064	219	148	141	167	257	192	125	179	168	112	173	120	140	143
1660220	65	127	95	95	172	101	106	141	97	117	140	94	93	102
6400484	61	54	58	70	66	59	54	65	66	68	63	58	73	56
4850189	45	42	43	64	56	71	63	54	75	54	191	50	68	62
4760196	68	62	61	56	64	66	67	74	65	63	62	50	75	57
670670	49	52	50	44	51	44	43	53	46	46	46	55	41	45
6370008	70	111	68	58	67	60	54	77	58	67	98	63	60	70
4490594	1506	2009	1274	2013	4596	1982	1221	3245	2917	999	4787	2718	2129	2436
2970152	3457	66	1183	67	75	77	69	67	57	826	73	63	74	51
1820288	76	77	89	100	87	82	66	71	75	135	77	67	65	77

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
3360327	165	112	132	88	85	101	138	77	89	174	127	163	165	108
4480762	65	81	62	78	74	62	110	67	88	68	68	76	82	386
4280093	63	65	68	80	119	66	59	62	66	68	83	88	67	74
3850367	201	90	161	99	146	134	213	109	118	206	116	165	246	213
110333	143	66	108	56	76	61	52	64	165	112	93	63	77	77
3610520	69	57	72	54	65	63	59	69	92	68	74	78	86	66
2710121	93	85	106	90	116	135	140	153	106	118	114	130	208	191
5670372	71	57	56	43	72	70	68	89	62	193	127	92	79	99
670066	62	62	64	64	61	66	56	68	81	71	59	63	62	63
2360739	48	51	44	53	62	49	51	41	58	55	49	63	55	69
380519	101	70	81	82	126	84	91	72	89	135	71	70	73	71
4040113	72	76	67	83	58	91	66	64	78	66	66	100	77	69
6130152	129	88	99	77	91	79	100	80	80	98	87	75	111	74
5960328	79	76	81	89	77	80	67	71	77	72	74	74	91	71
4590332	77	69	79	61	68	89	60	71	63	79	62	73	56	85
4780754	63	67	71	91	58	45	79	52	67	58	53	64	59	68
2120189	68	79	74	62	54	83	62	49	43	49	78	131	111	92
1410747	80	76	66	76	71	85	73	56	59	69	69	62	65	68
5820746	435	74	366	66	79	92	69	77	86	122	85	78	92	79
6020242	63	72	63	59	58	68	61	46	54	57	83	87	266	204
6580088	79	111	70	137	150	78	114	58	83	145	202	144	99	78
580445	86	89	75	73	74	75	75	71	75	84	80	83	79	68
6400414	63	64	74	76	79	61	57	92	64	49	87	69	44	92
5870653	12187	61	12593	55	65	62	70	63	54	15690	53	73	50	57
5560707	86	62	69	77	65	83	110	79	75	69	63	77	54	75
6290450	75	58	60	82	56	65	70	64	59	64	73	68	60	67
4760673	79	75	79	68	68	80	58	77	72	65	72	71	75	71
6770706	62	54	54	47	54	61	61	66	52	54	59	53	51	52
6180546	72	70	69	65	52	62	54	57	64	72	60	52	66	57
4390386	66	68	62	85	69	72	72	97	86	83	73	83	86	95
6350091	54	60	54	60	59	64	61	61	68	50	57	47	57	62
1570286	68	63	74	66	60	82	95	63	75	70	74	71	62	73
1510519	75	60	54	66	76	64	75	56	68	110	82	74	69	75
60546	59	62	62	94	72	59	51	51	57	65	62	59	66	74
5700360	68	139	65	72	75	61	60	67	60	74	87	80	77	68
5420324	110	86	70	69	59	85	92	59	61	67	84	104	100	87
50291	54	65	74	55	59	68	73	66	58	85	59	62	66	79
2340088	52	50	53	49	54	56	57	52	63	64	46	56	50	45
6840278	60	56	58	71	50	57	61	52	59	57	65	60	66	63
2060372	119	137	135	287	221	299	145	174	201	83	404	152	140	163
5720491	169	172	168	186	176	167	148	183	193	146	252	183	208	193

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
6770746	80	61	122	69	76	69	76	86	79	60	188	146	308	101
5670280	316	172	183	337	271	350	242	209	126	203	779	201	142	192
5080138	130	788	73	81	73	89	77	73	67	71	63	59	73	72
4760192	8107	64	4931	90	78	67	70	53	76	2490	67	68	71	82
2650056	93	90	85	95	75	86	93	81	95	145	74	55	78	86
1850168	77	79	74	73	75	64	51	81	82	65	71	68	68	74
6770441	86	80	70	53	67	59	67	87	76	80	63	67	70	62
3060703	70	77	86	56	51	85	56	73	73	65	142	170	113	93
2810504	80	111	98	131	192	131	93	281	246	114	117	173	139	147
3170431	92	114	100	88	115	128	70	102	129	59	145	127	108	105
6660162	154	2140	97	60	82	77	81	71	80	93	80	84	75	66
7150324	70	124	69	75	66	69	68	57	68	82	86	83	54	82
2810687	172	210	179	180	224	243	179	204	280	143	306	195	248	182
4490544	39	41	41	41	42	40	46	50	42	43	50	44	45	38
3990561	68	70	68	68	96	92	68	113	52	78	3054	66	79	86
240220	44	39	97	43	38	40	45	46	38	134	47	56	51	119
6370754	39	49	47	41	41	54	35	49	45	47	46	42	44	53
3140349	49	61	56	52	59	46	56	62	83	64	57	57	67	55
5910612	88	71	60	71	80	75	60	63	60	92	65	64	73	71
4200722	41	39	48	46	47	38	49	50	43	47	42	36	46	40
6660368	49	37	44	41	46	46	46	60	49	43	46	43	43	45
4590477	73	94	70	71	102	106	96	79	83	68	72	72	76	90
1400142	69	71	71	70	58	75	81	47	85	71	52	62	70	60
270470	67	67	66	67	75	68	74	56	62	62	61	65	66	74
6900170	41	45	40	42	42	38	39	50	42	40	46	39	47	38
3170450	71	53	53	58	132	66	56	55	59	53	91	71	62	84
1450446	90	63	45	67	46	55	63	58	47	55	52	55	42	74
5670709	76	87	87	74	104	99	74	79	105	79	80	92	95	86
6770408	62	96	196	70	225	222	166	218	127	158	294	343	510	173
6290494	115	189	300	140	272	234	243	184	175	231	257	452	614	214
6020170	282	298	603	174	354	443	464	235	180	353	741	983	1444	365
5490068	65	41	48	101	60	53	58	48	155	50	47	56	53	46
4540414	138	166	166	129	196	159	159	161	165	180	117	162	152	167
3780437	37	41	33	43	40	37	39	34	47	38	40	44	30	37
3520338	55	94	56	51	63	103	57	68	50	56	77	49	52	93
770682	92	110	82	67	81	72	70	80	89	86	73	80	93	98
7330367	69	77	57	70	62	69	55	74	79	58	62	78	65	71
2370632	87	110	70	305	608	325	157	399	332	85	119	105	161	153
4760626	37	48	49	49	38	42	38	57	36	46	42	44	51	45
3180528	1196	71	571	40	40	42	37	46	40	220	42	49	2263	39
1230228	232	72	779	78	402	323	70	114	70	384	70	83	71	125

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
4150598	47	51	40	51	43	41	42	42	41	52	41	35	45	48
3060273	48	41	52	47	49	70	152	85	40	42	118	45	47	92
7200601	533	91	269	66	120	67	67	106	134	316	63	73	51	132
7650026	2142	193	937	248	366	218	145	242	243	1024	186	105	97	422
1850315	58	69	81	65	72	61	88	79	79	70	79	59	90	54
2490070	71	74	314	66	63	63	74	79	64	72	74	72	65	65
1300240	75	67	73	71	86	58	85	78	78	72	68	70	63	84
6980762	45	38	43	48	52	47	49	45	44	56	42	42	58	47
7380670	88	117	88	80	99	320	139	140	76	66	190	97	159	99
5340220	56	41	59	42	148	42	45	49	44	55	79	51	49	39
6100360	51	46	58	50	55	42	44	37	44	50	37	57	40	42
3990577	66	81	65	69	83	55	71	59	59	82	66	69	71	69
1710692	53	62	53	51	54	55	59	73	58	46	81	47	50	90
1450468	59	64	66	71	58	74	73	63	64	63	324	67	61	69
6250040	294	212	195	305	145	215	178	200	210	239	439	244	245	238
5890170	50	45	50	41	52	46	47	44	52	53	49	58	54	49
2100296	59	70	86	68	69	52	82	74	72	54	53	78	66	61
3180681	64	51	52	43	52	55	58	51	45	49	54	39	47	53
7650538	44	50	38	42	44	55	45	58	46	45	43	44	47	41
4060438	103	132	589	75	52	128	274	55	93	54	82	49	828	617
1660767	43	93	48	72	48	119	47	57	51	65	312	101	263	49
1570309	82	100	118	78	67	114	83	109	66	77	92	176	87	110
4610669	106	261	140	121	120	130	236	135	69	110	121	489	148	160
1990731	65	68	77	78	58	66	67	61	52	54	136	56	60	71
7610441	76	81	49	72	69	80	56	68	72	83	108	86	69	80
5670129	53	48	46	45	52	43	53	40	51	47	44	52	46	46
7050220	138	51	406	59	83	183	189	162	61	62	102	59	68	224
3140131	41	43	41	42	42	42	46	45	37	39	45	37	49	48
4880138	50	44	34	50	47	70	36	58	46	49	5153	42	44	98
5340458	187	139	95	84	83	104	67	109	134	144	89	105	119	129
580181	80	64	61	51	71	64	57	62	61	62	74	59	74	66
3940520	1065	436	592	447	330	309	345	392	325	607	909	485	616	482
4220326	95	66	92	63	71	74	56	72	69	61	77	68	62	74
2320215	57	99	44	56	254	113	51	218	56	41	77	49	48	119
7100541	82	117	103	74	71	102	81	71	75	119	83	71	69	89
3360707	47	53	44	45	47	55	48	40	43	43	41	45	40	47
3450286	61	58	67	84	66	59	73	51	62	64	80	47	67	65
840494	34	42	40	46	43	45	37	51	31	37	42	44	39	39
6770131	40	40	43	42	42	43	55	41	47	90	46	53	42	48
4610333	50	65	67	67	65	62	58	61	65	59	65	74	62	46
6350192	71	236	72	78	63	73	84	66	65	73	128	52	76	75

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
110189	50	177	54	57	64	58	62	65	46	84	110	75	51	48
2480431	47	190	62	64	52	61	59	63	51	64	97	57	70	67
450020	56	8997	63	61	48	57	69	74	64	55	64	79	57	54
620202	127	109	77	151	84	74	76	84	236	78	58	80	74	74
3930379	156	109	148	150	215	129	153	105	131	84	176	83	129	137
7100431	62	71	73	72	77	74	70	73	67	73	78	82	75	77
5490301	207	414	146	181	323	243	190	196	196	95	228	169	243	299
3890601	82	62	85	67	110	63	69	71	68	85	64	82	78	65
1240195	41	40	43	35	43	35	40	38	42	42	36	41	44	41
4850528	60	67	55	79	65	64	76	55	55	66	70	61	77	56
2650075	55	45	45	41	44	46	47	53	47	43	55	39	40	45
5900608	69	77	80	71	89	75	79	79	75	73	70	92	71	59
20112	54	54	47	50	51	47	50	46	51	54	54	55	48	47
2900064	77	58	68	62	59	71	48	70	72	64	64	70	69	80
4850070	79	45	54	51	53	50	49	55	62	55	50	53	44	50
1090451	100	87	72	71	65	72	59	97	65	103	72	74	74	84
3420554	123	246	361	92	159	378	331	224	49	187	298	739	474	334
2970370	51	54	228	45	645	233	58	131	57	53	235	50	79	95
7570753	71	46	54	184	69	71	55	84	113	84	197	59	92	103
6290008	45	39	40	47	48	42	46	46	40	46	86	48	49	46
1510014	185	198	218	235	383	277	267	243	297	184	555	400	361	341
7200609	83	76	86	125	80	64	165	71	81	61	190	66	87	83
520176	41	41	43	66	46	39	105	50	49	46	118	45	52	50
4210678	86	112	67	80	542	373	189	300	84	198	573	68	75	202
7040019	36	39	38	53	40	50	48	30	42	40	47	46	37	34
110347	104	143	144	81	118	153	153	140	108	123	111	147	125	204
4120427	45	62	56	55	64	49	49	52	50	53	56	63	52	58
1260762	48	63	65	90	68	65	89	51	70	58	68	71	93	55
1510332	75	69	56	73	69	74	66	79	59	68	75	74	85	73
3140373	39	49	35	42	44	44	40	48	42	40	43	49	42	42
1580437	49	42	44	50	39	37	37	46	46	44	45	43	51	46
770739	72	653	101	90	69	84	71	70	93	100	80	85	71	89
1050168	4426	61	7725	38	35	55	47	46	40	3683	50	39	47	44
3310093	110	121	147	146	176	126	110	156	129	143	169	168	187	166
1570039	134	147	159	81	275	163	116	193	233	75	185	156	145	160
6200168	181	134	85	73	210	163	180	241	110	168	101	152	97	133
4010519	61	51	59	320	57	58	55	45	235	60	57	57	45	52
2480424	126	123	386	67	175	96	182	208	78	225	72	93	95	65
3850064	380	256	320	200	173	181	156	302	488	99	174	229	307	189
3450332	57	962	48	50	53	58	56	68	54	56	55	51	62	53
4780139	56	67	57	57	66	93	68	63	77	64	100	85	139	84

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
6330187	93	336	105	39	237	150	144	149	56	139	174	112	59	118
6840739	105	200	95	78	146	98	151	95	74	103	122	84	73	103
6420687	65	64	71	63	76	66	68	68	52	72	80	68	64	56
7150132	278	473	241	254	310	249	275	255	231	194	354	494	439	384
5810253	71	108	174	103	157	168	160	133	145	141	236	323	466	155
2710452	41	43	40	41	53	51	53	42	49	48	44	49	45	39
7400598	82	81	77	77	76	76	83	82	77	81	81	83	73	84
770615	52	38	44	40	49	45	39	41	41	46	45	48	43	46
290136	61	41	52	56	65	58	48	42	61	60	46	64	66	66
6450746	50	42	41	41	51	50	43	42	38	42	44	36	44	37
4250626	169	103	110	131	185	178	144	234	116	135	94	86	111	75
5390474	44	41	39	40	34	79	39	147	48	37	56	49	40	49
4480301	58	51	55	58	50	58	49	63	55	50	56	55	51	62
2690519	63	49	62	53	69	60	54	50	52	51	50	44	53	63
2260615	288	312	363	293	384	403	380	366	358	316	462	518	503	368
4780373	86	80	86	89	82	77	89	65	84	102	65	71	69	82
6330593	54	88	47	1480	53	73	48	91	1201	46	81	63	99	89
940646	62	64	64	166	52	48	67	77	214	75	66	72	78	62
6900414	2485	114	1320	110	64	227	76	112	82	3051	151	91	121	137
6400465	106	93	99	46	118	59	53	83	30	131	37	45	47	45
3850603	83	77	87	119	62	91	85	95	98	74	98	85	135	67
2350132	47	41	45	41	55	117	67	65	42	50	93	48	66	59
130754	62	46	194	38	50	125	48	70	46	177	1483	58	69	138
1510291	1627	1255	2179	607	1189	2377	1824	1482	241	1251	1799	3677	1412	1812
5960224	749	646	803	343	436	758	787	609	129	635	566	2580	696	828
5490689	63	46	61	62	63	70	75	57	62	56	55	46	55	53
6400603	45	44	40	38	42	37	42	58	37	49	38	42	43	44
1410603	226	135	156	136	139	165	109	127	94	98	299	135	95	124
2760239	49	55	48	52	80	60	51	50	47	46	129	47	53	51
450132	75	129	90	141	191	182	129	118	140	89	262	162	150	168
3420372	53	54	75	43	125	96	65	116	62	62	60	57	53	63
1300187	248	103	234	75	326	86	79	117	172	121	90	110	107	93
3610170	88	67	71	73	64	74	82	60	74	76	70	70	73	76
6350475	66	88	97	75	66	77	80	78	58	84	65	73	70	82
6590438	40	44	41	49	49	49	39	50	43	43	41	45	47	43
1260722	60	56	60	59	55	54	52	60	48	50	56	62	49	58
4010592	52	65	61	72	58	56	59	73	77	73	68	46	62	63
7160739	67	56	67	82	59	67	84	55	53	50	73	56	55	47
2650370	166	387	427	260	813	589	425	667	449	515	243	474	281	525
2570220	167	135	100	138	222	117	120	122	124	118	245	151	143	105
3930372	52	149	60	62	67	68	66	67	65	60	67	58	63	66

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
7560497	44	42	44	57	64	55	48	46	47	39	250	43	50	41
1510424	1842	2622	1624	46	37	36	43	39	43	91	49	44	47	49
130338	74	406	59	50	58	40	62	52	49	133	53	50	54	51
1690563	747	4709	188	45	51	51	49	60	51	1959	50	48	67	54
4050291	61	1771	45	48	42	40	36	40	42	72	48	46	40	45
3710022	83	3223	50	44	38	49	44	44	47	58	51	51	51	46
2350482	69	89	59	66	63	69	60	61	64	69	65	69	75	63
5050270	63	91	75	90	79	66	71	61	70	57	58	68	82	76
3850767	76	59	51	49	632	991	68	788	73	55	4104	55	76	456
4900520	89	82	61	3671	156	709	429	234	547	72	5441	108	110	101
5260343	343	210	275	387	2101	1596	519	1038	385	565	1458	336	732	799
520370	126	65	69	61	60	76	66	70	84	84	60	67	71	64
6840154	47	36	45	43	41	46	45	47	38	41	46	40	37	39
3130706	74	68	63	78	70	75	63	79	77	67	70	80	65	77
3990278	41	47	45	48	42	47	38	53	43	40	124	42	36	36
4890021	56	46	48	81	96	519	46	433	110	65	6150	55	71	288
5720379	61	64	69	79	74	90	88	101	117	72	69	80	79	86
5700441	38	53	46	54	44	47	48	56	56	48	46	49	46	53
6770333	181	806	41	44	43	55	49	56	52	163	49	49	40	48
1050563	49	2251	46	45	47	46	48	49	46	49	47	46	49	55
830095	40	43	43	38	43	46	42	37	38	38	56	40	32	39
450246	71	72	67	73	71	64	79	57	50	61	70	58	58	77
2970112	80	74	63	70	75	92	76	77	82	101	88	83	76	80
1710356	59	61	62	60	70	62	63	55	71	71	63	73	55	64
510561	46	46	52	44	55	43	57	51	53	43	49	47	55	47
5670082	59	56	57	56	61	60	52	57	53	50	56	54	50	69
730093	48	44	47	37	42	96	42	62	36	40	71	38	45	42
730148	88	72	71	86	2116	84	66	117	83	60	59	68	73	59
4220053	59	67	41	45	43	56	39	55	45	43	49	36	47	38
270301	72	56	71	57	85	76	71	64	57	73	80	66	59	76
2070372	55	88	66	59	69	87	75	92	71	78	81	69	68	80
1580653	103	98	75	83	89	60	68	78	74	79	78	96	67	89
10066	52	141	49	56	49	48	57	52	47	48	44	43	48	54
3120286	60	52	53	46	58	76	55	90	57	52	206	58	49	59
6480450	44	43	39	56	42	43	50	41	44	51	295	46	45	43
6650152	68	66	64	51	50	55	68	48	64	54	53	55	56	53
2570672	43	48	41	42	60	38	51	39	45	48	37	49	40	51
4670138	86	1019	57	51	246	60	54	121	40	54	46	48	47	48
20609	151	169	98	60	269	132	142	251	78	166	82	118	64	114
4480390	46	42	36	41	36	37	48	38	39	42	42	45	37	42
7380152	270	211	278	233	241	248	417	267	308	312	331	372	317	371

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
2810762	61	74	55	66	574	48	79	66	73	55	71	65	58	53
1740692	77	68	78	71	238	64	77	69	74	63	79	65	82	67
2450452	960	1714	789	194	4351	404	649	632	259	427	275	341	197	845
4850576	43	67	39	45	46	45	43	42	48	45	42	43	41	39
510133	135	150	129	281	205	241	152	195	189	90	391	154	137	192
2640598	56	62	56	66	63	63	59	66	63	70	62	83	63	59
6330730	1643	566	889	1859	109	372	685	140	1482	1384	217	1737	1937	1134
4560228	64	68	60	58	69	56	59	57	61	62	70	72	78	72
4610201	220	158	157	176	183	143	203	172	154	150	102	175	185	142
6510156	620	258	288	466	1109	166	142	290	321	148	346	218	96	255
5390767	54	63	41	60	55	51	58	57	64	59	73	72	47	50
5490465	58	62	55	61	64	62	62	59	55	76	63	74	73	70
6960438	69	55	65	63	83	54	59	72	59	67	64	82	70	70
4060025	72	60	65	67	61	58	67	59	66	77	59	66	67	73
4850711	135	78	90	108	131	98	92	131	118	62	91	114	100	112
3990497	173	320	258	135	200	155	346	136	190	150	226	315	435	248
4200711	104	110	100	74	91	87	103	84	75	122	83	132	108	80
3180647	84	52	63	67	95	57	61	84	75	55	70	62	73	50
1090196	67	65	55	162	89	68	81	90	55	66	86	120	55	101
5260280	110	78	82	68	96	58	63	71	68	65	88	89	69	72
6290091	123	236	150	160	176	96	154	137	160	89	132	186	167	150
2710687	67	186	83	110	74	77	126	78	79	63	85	143	112	104
6270731	64	56	52	61	67	46	59	51	57	58	57	59	47	53
3840091	72	73	72	73	95	75	89	93	71	75	105	94	87	56
2510164	458	163	177	248	269	143	235	351	230	369	141	148	143	204
580161	284	92	106	75	165	95	108	177	141	189	88	91	93	105
380685	462	189	154	322	233	148	304	357	189	521	123	188	128	181
4210044	87	74	69	82	63	71	60	53	62	68	74	88	70	64
2450020	64	58	67	59	108	56	70	81	61	56	98	109	103	70
20543	68	60	67	62	67	69	53	54	92	61	67	63	74	70
4390044	59	65	67	60	60	60	62	51	61	68	64	91	68	68
3870156	49	57	64	63	42	60	63	51	58	51	64	67	57	68
1850273	76	78	74	73	79	66	73	65	74	70	83	99	90	80
3310037	54	53	48	45	48	764	211	1068	50	49	121	53	48	162
3370736	405	626	505	307	1052	662	502	391	393	338	1602	179	395	716
5310368	58	39	46	48	34	43	46	45	44	47	43	40	49	40
160433	44	41	51	39	40	34	41	42	46	49	53	45	41	45
2070735	160	149	138	192	182	199	124	146	123	138	332	148	113	228
3710711	157	201	174	223	394	192	184	243	318	146	329	219	168	279
6860138	60	63	54	56	64	80	64	76	60	63	2062	60	68	73
5340692	148	127	125	61	190	191	75	191	88	98	219	118	111	133

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
270347	52	137	182	128	180	140	74	157	116	52	106	108	70	93
2690577	61	51	51	52	58	62	53	50	49	49	59	56	56	61
870475	60	80	66	62	74	92	61	71	61	65	83	67	75	54
540014	69	70	75	52	56	62	70	63	74	55	76	77	69	60
6040433	45	37	43	36	38	56	44	84	47	39	329	38	38	42
4810730	51	88	74	51	69	76	60	86	64	71	443	61	50	72
3180639	39	42	41	35	44	70	42	108	39	36	3379	48	38	45
60017	68	71	62	67	61	62	59	86	76	69	65	69	85	62
3520768	171	42	130	41	52	443	63	261	43	334	2510	79	128	110
4280192	81	62	80	64	74	58	77	66	58	65	64	65	59	61
770255	88	80	74	71	70	64	65	61	61	62	59	61	68	60
1770603	118	66	97	37	48	39	38	41	37	398	36	43	42	35
1410192	75	71	59	74	66	81	76	70	67	57	70	60	76	55
1230672	44	51	43	49	44	47	47	52	50	46	53	45	48	44
4040632	49	59	59	69	61	67	70	50	67	52	65	75	59	63
4730376	45	41	44	46	44	46	44	43	43	42	41	48	52	51
4900634	35	4615	53	34	53	43	41	40	40	43	41	43	40	41
4290209	349	169	268	77	367	124	176	229	79	240	71	92	120	90
940674	73	52	116	42	42	46	40	44	40	43	39	40	45	42
3360762	202	84	97	67	148	59	94	72	70	227	74	91	78	89
6180750	48	42	38	46	38	33	40	40	39	40	33	41	40	38
2320168	47	42	684	39	58	45	37	60	46	42	42	39	47	42
6980470	42	48	39	40	40	58	40	37	41	45	42	47	36	40
2640301	54	47	69	49	42	43	47	41	45	82	49	50	38	48
6100484	74	69	75	59	55	62	49	59	66	71	54	52	62	73
6060376	82	68	87	75	68	75	73	62	65	115	84	70	97	59
2570161	150	138	140	76	150	144	91	108	80	224	83	73	88	103
990441	42	49	43	57	50	41	49	56	47	47	47	42	50	48
4730564	148	145	163	129	170	341	192	250	169	171	303	177	199	234
4890092	108	69	94	56	97	87	55	113	131	81	100	79	78	65
430300	61	66	58	69	78	58	64	54	60	60	56	58	53	63
3850326	44	40	45	49	43	45	39	41	40	43	39	45	45	46
2030709	70	1709	72	77	87	84	61	75	68	65	104	61	77	85
5260253	40	34	39	51	893	40	49	39	39	40	43	52	38	44
6040731	48	48	57	39	62	43	56	48	47	46	36	42	43	41
6420605	76	4768	283	79	64	259	60	86	69	60	90	67	74	99
4250367	103	72	94	66	81	66	76	75	65	73	60	68	62	68
3930086	558	436	448	422	555	504	415	667	727	461	528	449	513	424
6580059	106	71	93	49	686	147	273	237	47	70	165	226	64	428
1070088	56	61	55	60	54	66	64	58	57	53	57	52	61	62
6370703	529	42	197	43	40	41	43	39	41	63	36	35	36	44

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
6860392	72	1294	65	75	56	69	68	85	81	69	79	66	76	63
2190408	65	60	46	53	55	47	57	50	60	66	55	55	44	55
3390215	54	66	57	67	69	61	59	58	76	56	62	60	79	64
7000619	70	82	66	67	61	60	68	63	62	55	70	61	61	53
5420189	47	38	38	42	60	43	42	43	43	41	35	48	44	53
5570181	74	64	50	58	68	63	61	55	51	62	58	56	65	59
5810730	45	39	39	41	43	43	42	37	44	51	37	42	42	44
5900228	74	76	62	59	67	76	72	44	66	55	63	66	66	67
5360601	129	67	74	85	95	73	109	81	77	93	75	71	70	82
7610524	60	86	58	51	57	55	49	48	47	62	48	67	58	64
2850619	95	77	78	85	72	343	87	145	105	85	1134	88	182	71
3130372	54	47	43	43	45	46	51	50	48	42	57	44	45	45
5910414	53	42	49	54	53	40	45	61	50	50	49	51	39	44
5870091	53	55	56	55	53	68	54	64	56	59	58	60	57	58
1090008	35	1753	39	48	65	40	32	53	81	37	37	42	36	41
70451	68	162	75	81	82	78	74	82	107	59	94	75	57	95
3710026	51	41	49	41	51	56	54	63	44	44	53	70	64	46
4260286	119	77	187	100	70	104	74	81	70	100	76	96	89	90
2810451	49	177	49	49	46	56	43	47	42	42	40	51	42	51
5700431	78	127	111	72	171	79	85	105	150	89	132	113	124	98
1240746	72	76	59	89	62	63	118	66	208	149	65	52	70	72
2710343	70	38	93	42	49	45	42	38	50	56	43	45	38	46
6840202	97	74	79	65	63	62	66	53	53	65	62	56	68	50
6940431	57	68	132	49	144	280	61	340	76	54	192	56	67	131
4490743	58	47	66	57	62	66	59	63	59	57	56	60	68	61
4810632	65	61	73	55	65	64	53	53	63	70	56	67	62	59
5220753	56	75	71	68	65	74	69	52	75	61	64	66	64	64
6200091	60	55	62	53	78	71	58	72	61	57	60	81	65	61
2690279	50	47	46	48	54	349	119	544	47	39	711	68	45	62
6590523	56	87	67	46	63	59	56	65	55	58	139	55	50	56
670414	63	50	63	62	54	595	202	508	55	72	70	106	93	63
4490288	44	45	44	46	45	176	82	333	42	39	58	134	89	63
6580717	48	89	58	37	49	41	47	58	50	51	51	34	37	51
5560411	201	76	181	159	183	162	97	140	148	120	182	159	130	171
1170154	128	129	94	125	124	155	99	104	94	92	193	123	128	132
3290152	102	75	71	88	125	115	71	118	140	64	170	71	70	95
3310592	519	541	484	722	1536	659	566	1094	1036	420	1386	1050	877	1071
3450750	1084	1391	849	1680	2788	1629	953	1878	1633	680	3302	2414	1521	1805
3400070	275	161	167	185	147	141	145	155	275	137	181	152	180	216
20603	227	190	187	152	198	183	139	159	201	191	266	198	201	196
6580113	63	63	69	70	59	61	75	57	61	66	68	70	61	62

ProbeID	[[054], HPrEpiC r (Human Prostate Epithelial Cells), MBA_2153	[[055], HH t (Human Hepatocyte), MBA_2160	[[056], HCEpiC t (Human Corneal Epithelial Cell), MBA_2167	[[057], HK t (Human Keratocyte), MBA_2168	[[058], HRPEpiC t (Human Retinal Pigment Epithelial Cell), MBA_2169	[[059], HLEpiC t (Human Lens Epithelial Cell), MBA_2170	[[060], HIPEpiC t (Human Iris Pigment Epithelial Cell t), MBA_2171	[[061], HNPCEpiC t (Human Non-Pigment Ciliary Epithelial Cell), MBA_2173	[[062], HTMC t (Human Trabecular Meshwork Cell), MBA_2174	[[063], HMEpiC t (Human Mammary Epithelial Cell), MBA_2188	[[064], HN t (Human Neuron), MBA_2106	[[065], HSC t (Human Schwann Cell), MBA_2107	[[066], HPC t (Human Perineurial Cell), MBA_2108	[[067], HA t (Human Astrocyte), MBA_2109
5870008	71	75	72	72	60	67	73	63	63	65	69	60	59	79
7050201	61	73	66	69	71	56	68	53	61	65	61	46	71	54
150735	66	65	62	63	70	172	59	108	68	52	131	55	55	345
510066	60	78	58	132	61	65	69	65	75	87	71	62	69	79
1470162	74	64	61	76	65	75	71	76	68	72	62	71	70	68
3520168	68	529	846	107	337	179	415	164	99	1465	514	376	670	149
1980538	72	49	67	69	75	85	59	95	70	71	619	66	62	82
5820026	91	75	132	93	111	78	78	72	117	74	72	99	65	70

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
4850086	40	39	45	37	73	46	46	49	40	45	50	45	45	40	37	43
6110592	122	170	109	71	97	81	76	97	70	45	69	64	79	63	171	71
3190082	57	53	67	53	52	53	58	46	54	40	58	47	57	51	54	53
1450100	48	50	65	46	47	40	49	51	49	49	45	49	47	47	41	52
5490382	45	42	39	42	46	46	34	39	41	45	41	44	43	41	41	43
3520709	60	81	64	78	80	90	67	83	89	76	72	64	88	80	77	76
3120681	43	39	37	43	37	44	41	47	49	50	50	38	42	45	46	44
2030161	114	78	109	67	67	79	67	100	66	73	70	65	68	180	91	82
270709	74	70	70	84	67	59	88	75	63	84	81	68	69	65	67	58
2320377	42	38	42	41	46	35	44	46	43	40	39	38	50	40	47	44
1260270	83	82	86	88	156	73	86	79	117	86	65	91	94	87	85	85
2760274	44	47	45	45	49	49	47	53	46	50	62	44	43	52	45	42
2650736	51	40	51	48	44	47	46	47	40	54	52	51	47	50	48	50
5910010	63	70	51	86	76	72	82	86	69	57	61	82	69	71	99	64
5310524	127	127	132	122	167	112	99	114	122	62	113	127	103	110	125	105
3780156	55	50	76	48	52	40	44	43	42	51	40	42	45	45	43	47
1050561	67	65	60	69	84	67	66	65	63	87	64	70	74	73	67	73
2480040	42	50	79	47	46	40	48	44	47	48	47	47	40	41	51	49
5910309	33	38	43	38	44	45	42	43	37	39	41	38	40	37	37	37
5810050	104	107	89	102	158	72	74	84	90	82	53	67	63	102	188	79
1030184	50	42	79	53	53	48	52	51	50	40	45	49	56	45	49	46
3460279	48	49	69	47	54	52	52	59	56	48	60	52	49	52	56	51
4570364	94	88	59	94	74	71	100	87	90	77	110	93	77	314	102	90
6380020	70	70	55	72	65	60	65	67	69	59	64	61	65	68	69	77
3780468	57	58	53	74	65	52	54	64	62	53	59	54	70	68	65	60
240541	40	51	53	51	46	43	44	48	54	51	56	51	42	48	43	50
2630010	60	65	56	49	52	54	64	68	63	52	52	62	56	61	47	60
1740669	37	37	37	42	31	39	40	41	38	38	37	31	44	42	41	38
2340577	46	54	47	42	44	39	50	44	41	41	42	37	47	53	46	48
1850521	68	54	66	99	56	67	87	55	72	75	94	71	78	66	48	73
2650594	39	42	78	39	47	49	44	42	43	42	43	42	43	51	43	40
130110	41	45	60	59	44	44	56	88	256	51	95	129	43	51	39	47
4830376	46	326	75	42	1050	43	43	50	44	47	50	53	47	51	59	49
7200435	58	55	72	51	59	62	61	56	55	50	63	57	62	61	54	54
6290239	69	77	95	76	78	81	101	74	108	159	223	125	77	100	76	72
2480241	106	136	138	142	143	170	179	88	92	158	128	136	180	139	195	141
5080561	345	425	153	155	223	171	127	274	171	190	104	153	319	107	248	223
1770253	38	45	43	37	41	42	43	42	48	40	49	45	41	49	45	43
6280440	36	40	40	36	34	49	36	42	36	37	35	45	38	33	37	36
3450347	42	42	58	37	44	38	43	53	48	47	49	40	50	48	40	39
3170100	37	107	69	36	151	47	50	118	45	50	38	35	44	46	49	39

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
2600554	71	73	56	69	297	58	80	67	69	62	86	68	60	73	64	70
2510253	154	332	364	67	736	88	62	194	59	56	45	51	57	49	95	75
7570477	118	131	94	102	173	151	122	109	107	128	127	140	149	249	135	134
7510424	184	129	105	160	253	139	166	146	200	222	144	193	161	333	181	226
6040452	61	60	42	64	58	67	58	64	62	67	67	69	68	59	75	64
1850068	434	403	183	168	185	197	155	246	178	252	137	158	213	196	415	269
6110440	60	88	68	63	70	80	78	65	75	69	71	76	61	65	86	68
6960035	48	68	290	44	542	36	49	54	37	66	216	49	45	43	48	51
7050215	38	45	80	57	48	47	56	82	44	49	41	47	50	53	47	37
1710242	462	216	279	395	271	348	248	344	455	174	212	486	246	212	355	299
4890670	181	632	226	65	2879	98	96	75	61	71	62	72	64	81	77	79
4540468	64	59	63	57	64	65	64	73	58	57	59	73	65	65	66	69
6510360	261	305	207	175	166	266	320	254	427	313	285	447	234	264	250	310
6110102	42	42	39	47	163	43	52	51	58	39	47	34	47	93	43	41
6110152	48	95	82	45	75	47	53	57	49	59	44	51	39	49	52	45
2490044	84	129	116	78	178	82	107	84	76	80	88	77	67	88	144	103
1070224	48	54	89	74	53	61	60	50	53	58	59	58	52	57	50	55
2070377	63	81	67	54	67	64	55	80	60	61	52	61	65	65	56	62
2000128	38	41	42	49	41	44	38	39	39	40	46	42	43	42	45	43
6100241	42	41	35	47	35	39	37	47	42	35	36	45	38	36	52	32
6420689	64	70	52	60	47	67	57	47	58	60	47	65	66	56	68	69
6060347	47	52	54	56	80	53	52	59	46	50	60	66	45	61	53	44
6040156	141	78	104	76	128	72	83	80	116	77	78	56	90	78	96	69
3870593	72	89	70	70	88	73	83	65	72	68	84	77	64	76	66	66
3610180	45	41	46	42	187	39	39	42	49	46	45	43	48	45	42	46
6450403	43	44	44	37	41	41	41	40	40	47	44	46	38	44	46	37
4260280	73	64	71	68	78	64	70	76	64	65	78	61	77	76	63	67
6650215	88	130	87	84	179	66	79	98	86	91	112	78	75	60	68	74
2190139	36	44	43	40	50	38	34	46	44	44	47	40	41	36	45	36
4850170	49	54	54	41	59	46	38	39	50	43	42	48	44	42	39	49
5310343	48	113	48	49	6007	50	38	52	44	44	46	49	51	45	56	51
3710176	73	86	67	82	67	71	95	87	68	77	82	77	80	85	94	91
1450671	85	85	77	77	73	115	82	173	89	52	93	73	130	192	122	94
3830598	56	54	69	43	60	52	48	52	51	48	54	54	50	50	60	56
3830170	113	114	263	137	255	149	130	127	182	149	145	137	183	136	162	134
5340348	63	49	51	59	60	69	57	80	58	56	62	68	57	60	52	57
780356	64	61	45	63	71	49	61	56	68	66	50	64	60	61	56	62
5360070	2119	1133	166	255	377	666	548	1454	1530	392	220	488	912	684	1981	1246
6250672	57	78	96	53	61	59	51	144	77	52	70	66	63	63	74	60
580100	68	52	51	54	45	79	121	68	106	63	89	381	105	65	55	47
7210136	48	49	45	39	37	48	47	46	46	44	46	50	44	46	49	43

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
1170671	44	44	41	47	43	39	44	37	44	43	47	42	37	38	44	37
1580411	38	36	43	46	44	37	40	41	36	42	39	40	36	38	39	43
20129	72	78	81	71	72	72	69	68	69	71	79	86	80	77	77	77
4220068	169	82	362	76	64	210	74	101	86	68	95	85	64	79	73	79
3940504	77	88	87	97	96	69	95	88	94	75	128	83	87	85	77	82
770167	93	102	98	61	71	97	142	61	88	233	222	88	140	127	65	104
4200451	313	120	79	69	87	117	106	210	240	66	55	75	140	79	243	190
3460152	354	145	79	63	89	118	118	242	305	75	48	83	177	91	338	233
2940398	387	308	75	101	79	144	102	231	294	75	67	99	279	145	369	236
2260424	73	184	316	68	273	56	73	94	51	63	70	72	62	126	70	58
1260025	325	295	290	223	362	273	235	361	279	204	243	232	343	250	427	288
5260014	987	653	188	179	193	475	306	811	920	396	118	498	652	431	1142	869
2360632	78	71	50	63	74	73	66	61	62	68	67	61	61	58	57	76
6350437	60	84	100	55	1756	48	49	55	77	125	84	97	78	47	49	101
4920019	85	77	64	86	76	76	74	68	71	72	67	73	84	78	66	69
7050053	71	59	67	75	69	67	67	62	61	84	59	62	58	59	59	67
2350730	59	46	71	60	62	66	54	67	67	67	67	68	57	63	46	77
6860446	95	93	85	77	83	95	82	105	83	78	106	106	87	74	109	105
6840609	127	215	132	84	69	63	73	207	81	60	71	100	77	72	78	84
5270022	113	187	154	43	44	57	51	179	57	50	53	57	44	52	45	57
2650484	44	54	69	47	45	48	40	49	41	49	44	45	41	56	38	44
5550372	81	117	81	68	59	73	62	83	77	75	74	66	73	71	66	65
1580487	177	230	169	119	389	127	127	170	67	48	64	53	72	122	130	70
6420356	56	58	98	52	434	50	48	46	51	42	40	44	55	46	50	49
5290711	51	60	67	46	133	49	47	45	37	50	42	41	48	45	44	41
780528	3071	2268	514	619	1341	1790	1246	2551	1991	836	369	1379	2203	1861	3996	3509
5670722	57	72	65	74	74	62	57	74	81	60	66	73	60	65	72	72
3780291	99	67	157	158	217	59	128	75	150	333	213	147	114	133	140	127
2650673	45	49	58	47	45	40	48	43	49	47	43	52	41	51	51	43
7160376	59	67	69	64	64	59	58	72	67	86	65	64	70	73	78	86
6370414	37	39	44	47	39	41	44	49	50	44	42	45	38	46	42	41
670398	264	422	249	207	2354	90	105	128	102	81	79	55	72	68	96	91
10187	242	264	252	195	187	238	248	219	206	56	198	218	143	191	188	240
6100139	51	45	57	53	47	54	47	44	51	36	49	50	46	47	51	45
3390372	64	62	75	47	89	42	39	70	52	43	134	50	42	56	48	51
1450392	49	52	63	53	75	51	53	39	45	47	55	62	46	53	46	40
4010136	54	52	66	45	58	50	42	85	49	50	61	52	55	49	54	52
5390113	147	134	97	76	201	90	83	104	90	75	71	85	73	62	105	115
580754	52	47	40	42	50	47	49	40	48	44	44	40	45	39	48	44
2260445	61	109	70	72	115	58	53	61	63	88	61	64	55	55	60	67
1170047	289	377	168	102	87	212	127	250	766	1102	1653	894	129	142	123	205

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
5860048	116	94	127	75	89	110	94	104	76	56	76	79	125	86	176	91
360296	496	1256	688	76	7127	61	74	235	119	59	67	68	65	106	152	79
540685	47	57	48	60	49	67	53	56	55	68	59	41	56	58	67	74
4280440	108	83	77	103	82	73	94	66	83	83	82	64	87	68	63	93
3830202	57	47	83	51	64	58	277	57	50	48	64	53	50	55	61	58
4010095	52	55	52	45	49	49	47	40	40	50	43	46	55	46	46	47
6900377	39	37	34	39	43	39	89	46	38	44	37	39	40	52	40	37
7650739	57	64	71	67	82	58	59	67	55	61	63	84	61	64	51	63
3870608	207	249	169	275	355	196	239	173	230	219	231	221	202	165	204	231
6370541	43	43	38	182	40	52	113	57	37	42	50	46	46	45	44	43
5860674	66	58	60	49	61	60	57	58	62	62	58	55	67	64	58	55
5820551	73	67	65	68	67	71	67	72	80	66	66	56	72	70	73	61
7510128	71	83	61	76	85	70	75	68	65	88	70	63	76	83	78	82
1230603	89	61	57	65	65	72	79	70	65	74	56	62	69	69	74	66
2710504	46	47	43	44	40	42	41	35	46	37	40	44	44	43	41	37
5220196	249	336	167	225	402	194	200	193	209	84	130	162	219	155	278	161
620041	42	42	39	43	37	45	42	44	46	43	37	51	43	44	50	42
6580626	214	158	125	66	229	75	70	70	167	65	111	131	82	57	90	64
2100711	55	48	69	50	80	51	48	44	50	43	45	44	57	44	55	46
2260274	40	41	33	39	47	44	41	47	36	41	47	40	42	41	44	39
4850746	72	69	52	76	66	70	57	65	51	64	62	68	77	69	57	62
7380678	39	45	41	34	37	35	36	33	37	34	42	38	43	32	40	37
4890750	115	133	105	144	107	99	135	99	108	103	97	77	129	78	121	115
5960672	611	619	450	661	905	340	362	523	383	447	427	424	549	405	679	380
870477	51	64	57	59	70	68	64	55	57	48	58	56	52	54	73	57
2230341	69	74	72	69	68	83	69	93	76	72	69	72	71	66	72	72
1770497	57	64	47	69	57	54	75	65	62	61	50	69	68	41	52	64
5550553	86	111	75	63	89	54	89	85	83	61	118	61	67	61	86	95
4890671	74	63	60	74	76	64	63	71	65	72	66	64	72	74	70	68
20192	154	164	136	161	182	115	142	144	107	169	155	147	144	114	176	151
5900017	211	231	121	64	79	160	84	195	121	54	50	90	137	127	206	134
7040100	44	42	42	42	37	40	38	38	38	35	43	42	42	47	50	48
6220209	43	43	41	47	53	44	51	45	39	37	45	47	41	44	39	39
5570703	57	51	64	67	64	64	60	82	59	69	56	56	63	70	72	73
1190091	81	68	65	65	66	66	69	67	111	101	120	58	72	54	68	68
2370768	44	41	39	37	44	50	35	124	42	40	37	43	46	41	40	51
6420736	116	61	170	86	161	323	278	233	143	91	69	145	159	183	202	194
2450411	98	49	204	70	143	340	292	190	122	56	49	93	174	155	137	165
5720465	119	85	194	78	178	346	302	197	168	104	75	148	171	203	152	173
450736	72	70	80	52	68	65	91	88	86	68	70	60	87	91	86	75
7550086	45	39	42	44	40	45	41	42	44	40	45	47	42	48	42	43

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
940746	45	57	410	52	101	48	43	54	41	133	40	41	53	47	50	46
4280132	47	59	67	52	52	59	56	65	53	52	55	46	59	59	61	55
4280504	46	46	60	46	47	35	50	47	51	50	46	41	39	51	47	50
6330553	257	216	356	328	280	264	279	261	329	255	263	225	192	249	227	209
2100743	280	339	455	499	1012	324	348	324	439	371	282	317	265	251	241	210
6560523	173	154	244	203	388	161	174	159	193	142	161	187	165	142	144	121
5340338	323	592	79	96	209	130	76	164	184	123	79	90	143	106	277	173
6650196	325	561	239	183	530	239	204	321	176	126	133	105	105	128	216	165
6350204	74	67	78	70	96	67	63	73	76	71	72	48	81	70	83	67
1170605	164	273	184	148	1317	75	72	135	104	216	137	161	61	64	51	93
670333	39	38	41	44	37	39	44	38	57	46	41	44	40	47	39	38
1410240	38	44	45	41	49	36	39	43	56	38	47	35	37	39	38	42
6370356	102	741	164	87	3269	66	63	155	63	122	103	68	98	118	88	82
2510356	37	37	41	46	40	46	40	34	41	49	37	38	40	41	48	38
5270468	48	51	53	51	40	46	42	57	53	53	48	47	48	55	57	50
1030209	42	41	53	40	34	39	38	48	37	47	42	39	46	38	45	38
4200437	317	418	240	298	402	346	347	241	424	120	303	276	195	281	220	405
830543	37	46	107	38	42	40	36	43	41	45	41	40	45	43	43	37
5690112	48	48	78	49	53	54	54	52	58	39	51	55	34	48	53	51
3360095	76	62	68	60	55	76	74	67	68	73	81	84	71	77	61	69
7040678	1407	7608	1248	65	17814	45	51	200	96	44	51	54	51	42	49	54
4200541	149	128	185	139	89	146	173	310	118	127	87	69	161	243	92	134
2370646	68	53	101	54	79	40	44	56	51	45	45	49	48	46	46	47
5130100	46	46	45	37	44	45	42	48	38	48	45	43	44	58	40	43
1660243	38	41	43	41	42	40	44	37	40	38	34	41	45	40	39	35
6220307	57	59	70	75	68	68	56	70	62	58	62	66	65	57	51	60
3460446	77	65	72	74	97	70	87	67	87	74	72	71	81	78	70	96
2940403	493	758	570	317	558	428	348	762	326	362	180	234	496	364	541	361
1580215	126	146	168	127	131	104	91	106	105	158	82	76	170	120	170	115
130463	55	45	68	49	51	57	58	67	47	56	61	54	61	54	57	52
4120703	39	48	46	52	87	48	48	54	49	51	42	37	44	43	50	59
6980367	53	51	67	51	48	47	54	54	52	48	48	61	49	51	57	54
3180156	61	59	55	52	67	52	61	48	56	51	67	64	63	70	69	60
3780193	47	40	40	39	42	39	38	140	62	48	35	44	112	65	39	47
5130255	39	45	36	36	38	51	44	41	41	50	42	41	48	44	47	47
2850703	61	52	73	56	62	65	66	73	57	52	47	65	56	61	60	57
7400072	62	59	72	74	53	78	70	73	75	60	53	77	68	77	60	76
7210240	79	68	71	79	71	664	64	69	73	65	95	63	79	68	70	83
5270619	83	96	70	65	128	70	62	72	85	73	72	78	72	61	71	62
2030451	47	43	48	49	39	46	46	45	53	46	49	50	45	49	42	50
10504	41	38	42	47	41	44	41	52	42	48	42	47	48	38	45	38

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
2230008	45	39	55	41	38	42	45	39	48	44	41	38	41	40	40	40
3180025	41	36	38	39	48	51	50	40	49	45	35	46	36	37	44	41
2480228	54	66	51	84	59	66	71	63	81	69	70	75	57	66	58	64
6110022	75	69	74	85	66	57	69	74	98	65	64	85	60	111	93	76
4290014	430	440	414	293	473	305	244	399	295	308	291	241	414	277	489	255
7550368	93	312	79	146	2088	109	92	112	78	113	96	72	63	84	81	81
7000575	72	87	71	84	71	80	66	79	84	88	71	73	77	69	86	69
5700095	65	72	51	53	62	68	59	53	49	66	69	59	69	55	72	49
2570500	81	106	144	52	128	79	76	81	86	82	70	77	66	84	74	76
1660341	60	61	54	65	66	66	60	69	65	57	100	76	113	132	69	66
1400433	59	62	58	65	56	72	59	63	69	87	56	67	64	62	65	62
4610592	65	65	52	66	67	60	69	50	58	74	61	62	63	55	52	63
3170204	46	49	70	40	82	48	44	55	50	39	42	46	47	51	52	47
6860154	42	40	44	43	46	371	43	42	44	35	44	41	31	46	47	41
1260468	43	47	61	39	48	43	43	54	43	39	42	45	48	39	46	45
4780278	72	62	69	71	67	61	65	65	60	66	69	63	56	49	81	60
240053	57	49	73	52	48	70	52	89	55	49	53	72	90	71	81	58
4610520	42	47	39	38	50	63	46	40	60	44	42	39	44	45	42	37
3190167	84	690	543	48	911	47	54	52	53	55	51	42	49	49	48	46
5340730	54	60	57	72	57	68	67	65	56	78	78	64	74	71	65	78
940692	36	42	39	43	34	42	35	43	42	39	37	44	35	49	42	44
7320193	44	44	41	48	49	48	43	45	51	49	37	47	42	44	62	43
6330477	74	97	66	67	72	79	71	77	77	79	83	73	81	87	76	77
2340553	110	108	109	222	103	93	119	100	110	195	123	128	107	101	120	84
1660184	42	51	44	43	95	42	44	44	44	51	41	46	43	42	46	44
450368	37	41	68	44	41	39	45	42	45	45	44	38	40	39	36	40
3830044	56	53	73	75	54	68	64	44	58	68	61	90	61	54	58	44
6290554	74	67	68	82	78	76	73	76	66	72	73	74	77	73	65	80
3830332	63	86	59	75	63	78	69	64	64	68	86	68	54	66	61	66
1050414	71	65	68	61	71	78	69	81	76	76	99	67	88	85	80	72
780600	72	56	94	105	159	168	60	73	58	58	67	56	80	52	48	81
7050333	78	93	115	79	645	57	75	82	81	64	66	68	74	65	82	76
4290465	57	43	46	54	52	52	52	56	50	55	54	55	56	52	52	49
5720482	114	61	101	51	136	87	102	160	98	232	72	110	82	43	172	79
5260070	620	2516	1392	191	2160	221	304	1097	389	181	121	118	117	1234	393	145
610201	223	921	223	71	4496	167	120	409	116	57	71	65	95	84	113	250
5570279	230	198	322	174	113	224	197	173	346	416	303	222	220	279	283	238
290730	273	140	529	242	159	229	215	104	245	485	332	293	113	312	142	141
6200669	189	130	231	122	98	137	121	92	173	152	156	179	78	177	125	104
6290685	77	69	90	67	79	82	66	57	74	68	76	82	74	69	110	80
6110630	638	328	1312	423	242	759	510	350	805	1092	1304	1093	464	869	838	502

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
5050402	178	135	457	140	108	237	150	162	229	167	359	278	151	321	271	163
2970019	71	54	181	44	58	59	56	54	52	46	63	60	56	68	76	50
610451	150	142	266	196	140	217	207	135	273	257	228	354	198	257	313	241
6100022	384	307	369	134	104	223	177	281	347	268	174	278	266	233	353	260
870301	71	75	81	74	115	112	75	66	77	59	74	79	70	57	68	73
5260091	95	77	68	100	47	118	152	146	98	56	75	97	80	143	105	100
3460608	63	54	54	49	53	63	61	60	56	59	86	58	59	57	69	62
6590131	60	77	56	75	59	70	71	87	77	69	76	68	74	75	65	61
2140196	61	75	76	83	77	63	58	77	55	75	70	63	71	67	67	70
990091	60	68	60	77	61	69	74	68	62	68	62	81	48	61	55	62
2260747	67	54	62	67	103	59	49	61	67	105	55	66	60	64	60	57
3170403	59	59	55	57	56	57	69	58	57	73	66	47	56	67	52	56
5570711	60	76	73	60	73	61	60	59	61	55	62	69	79	64	56	56
4920131	63	86	65	57	966	33	45	46	39	39	40	43	40	40	47	49
3290368	60	49	44	47	45	270	379	49	40	47	39	47	42	139	52	45
4120161	62	51	106	48	82	41	41	49	45	38	41	46	45	41	39	41
6200044	96	64	109	50	81	42	46	63	56	52	54	49	49	60	57	53
5420386	205	66	145	67	113	54	74	286	93	81	124	75	261	162	419	84
1230538	71	312	89	82	2731	63	102	84	59	56	80	108	53	56	74	72
380259	43	65	41	44	47	58	39	40	40	49	40	46	46	46	53	48
2140376	60	68	55	68	73	69	66	76	64	67	64	64	79	77	74	69
870626	74	92	73	73	81	87	71	81	71	83	68	88	92	103	68	63
4040474	62	140	83	49	1521	50	56	54	53	51	60	53	64	54	64	49
7200719	357	351	520	533	566	304	363	279	384	730	438	503	334	349	294	318
2100196	475	675	1078	458	148	1027	774	519	491	971	399	477	819	564	767	663
2690224	284	389	342	340	410	273	256	285	296	288	293	253	337	280	315	237
730722	75	65	72	77	51	71	66	62	72	83	76	63	64	69	69	79
7610170	39	42	52	43	45	44	46	41	49	49	51	40	40	42	45	43
6960563	36	45	53	34	40	38	46	46	40	43	39	42	39	38	37	45
7320349	70	101	68	81	95	74	93	91	89	87	76	73	85	92	111	81
6960739	72	77	48	68	85	77	77	73	96	75	85	68	77	107	75	71
5390435	44	40	42	40	51	43	45	48	42	35	42	51	50	50	44	44
4060192	80	113	123	77	131	87	74	90	82	84	82	92	89	63	97	87
6220309	82	88	76	81	90	92	72	77	70	100	93	82	68	85	87	76
5490711	46	46	52	48	48	48	43	43	47	48	45	51	46	46	41	48
4390291	84	75	119	68	78	76	53	71	64	85	74	58	80	64	73	57
2000274	37	40	39	43	45	47	42	36	43	44	47	47	48	38	38	45
6960259	119	140	226	84	73	60	61	90	72	79	61	54	55	65	77	66
3370544	67	82	75	54	62	141	58	69	65	54	60	63	61	58	68	66
3130711	114	92	76	76	236	80	76	77	59	101	90	88	68	76	71	75
4810703	126	176	103	153	69	92	75	119	107	67	80	83	91	174	81	127

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
6660671	69	74	86	66	51	56	50	79	60	40	58	58	52	64	58	102
1940193	105	106	73	85	548	64	73	111	73	120	98	74	75	105	726	1797
990112	92	90	82	76	78	88	86	70	76	85	79	74	88	67	83	91
4810424	43	46	55	41	41	44	46	37	41	41	42	41	36	45	36	46
580292	62	64	62	64	67	53	68	53	54	58	76	56	58	67	62	55
2320296	42	46	56	50	34	44	43	45	44	53	44	45	38	41	43	48
3990739	70	76	70	63	59	61	57	74	65	64	61	63	66	69	77	61
2030259	37	34	50	41	43	34	39	38	36	38	41	36	43	39	42	39
5490040	60	70	60	84	77	73	70	55	73	69	64	67	66	70	66	71
6400703	94	104	93	111	103	86	115	71	90	84	100	143	106	83	81	95
1570184	48	58	70	54	152	51	49	51	54	53	52	48	46	43	41	48
3610730	93	57	122	64	60	54	61	107	54	57	62	62	59	48	47	63
7380392	66	68	83	154	88	66	59	53	63	124	63	71	58	80	74	73
5900273	78	81	69	96	2942	73	74	75	82	80	88	82	84	80	110	87
1510075	46	96	47	39	193	44	41	41	44	47	48	45	29	42	52	43
6860634	50	45	67	53	71	50	46	51	54	56	53	51	52	49	55	42
6620259	131	101	89	101	73	147	116	107	140	151	98	318	123	128	124	115
540204	118	249	99	118	80	141	188	98	157	105	256	127	80	72	86	101
5080259	43	52	51	56	43	50	54	44	49	74	53	48	44	54	47	51
990086	45	42	48	47	121	46	42	36	46	42	43	46	46	41	41	45
3140259	54	50	139	123	130	101	97	76	55	66	52	65	63	95	50	56
2100189	131	190	205	209	1368	113	139	171	156	226	148	143	199	135	102	139
4250246	537	407	369	590	578	400	495	399	693	822	566	699	782	331	527	689
1980079	88	130	79	80	114	85	107	97	88	75	71	89	84	181	86	102
4850300	143	159	136	126	283	88	94	125	113	71	56	59	107	77	99	87
6520440	172	1930	531	66	5950	65	56	737	54	60	55	52	53	60	91	57
4210561	97	126	178	325	543	79	156	100	82	222	209	115	72	112	62	77
510632	113	79	137	176	505	130	142	110	108	77	119	170	101	159	65	89
4050398	44	49	45	42	47	44	49	46	59	45	52	49	52	46	52	46
5960524	73	63	72	71	65	69	64	65	93	64	54	72	61	65	65	82
460202	80	81	157	85	47	118	142	117	69	48	42	105	58	238	49	63
3780491	57	66	55	56	62	61	71	71	70	95	64	66	69	72	85	71
5290707	69	80	62	68	68	67	87	67	68	69	59	76	54	69	66	65
1450619	42	43	47	56	45	43	45	39	45	47	42	43	50	42	51	43
3190524	474	513	119	219	196	208	180	429	403	251	125	191	382	218	455	311
3840445	49	46	2637	55	45	61	50	99	2199	54	56	79	52	55	49	44
2060414	60	66	64	54	54	69	59	70	77	63	60	66	55	60	67	67
5860289	40	36	35	42	47	43	39	44	367	41	45	37	39	37	44	40
430446	203	57	741	50	49	46	43	173	49	43	40	49	40	48	46	50
7040142	68	90	76	92	91	83	87	90	128	90	87	88	136	97	99	106
3460685	41	35	55	57	41	52	50	54	147	51	42	101	218	37	74	145

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
5490358	45	53	65	56	49	62	79	87	59	53	46	53	57	46	177	109
4390100	108	91	139	58	58	102	49	164	269	54	71	70	110	80	53	75
3140427	61	69	61	73	62	64	64	56	59	64	58	73	54	59	65	65
4390398	75	99	75	102	81	83	81	181	658	103	113	91	104	102	98	88
520465	42	47	45	41	44	53	45	39	38	49	45	51	44	51	51	44
1570148	41	43	42	42	40	39	41	43	38	47	41	37	39	35	42	39
5860528	63	66	51	69	83	64	58	64	61	58	66	72	56	65	77	77
3180615	67	75	96	78	327	76	64	145	69	61	65	58	64	99	76	56
6840209	52	47	66	48	59	51	56	51	48	43	51	47	47	52	56	47
3710161	76	105	91	69	63	75	58	81	73	77	64	83	68	78	66	57
1470168	54	46	43	42	44	44	40	42	45	45	48	37	48	43	39	46
2900343	38	38	38	35	34	28	43	42	43	39	40	44	32	43	39	36
6420450	147	151	195	212	282	75	137	149	130	237	139	168	104	160	146	138
4220482	47	40	43	38	49	48	48	45	43	52	42	45	41	52	51	42
5260672	70	88	75	78	70	120	60	85	95	77	90	74	79	100	94	90
6980632	98	162	189	105	1922	81	113	139	189	226	137	105	57	59	63	75
6660687	114	83	109	79	112	92	90	100	82	62	64	89	89	94	102	104
2690438	162	134	173	111	851	75	91	95	96	155	108	91	91	74	79	103
5270551	296	264	87	59	110	151	97	228	343	98	84	105	148	130	375	245
240343	63	60	66	61	50	65	66	61	51	55	52	56	59	61	54	66
1240408	64	74	77	72	65	62	63	62	54	71	65	59	76	66	58	67
4480528	62	58	58	76	53	69	62	68	60	63	160	86	183	133	62	58
240386	151	150	203	102	219	88	130	135	86	71	85	77	168	165	130	87
3780767	76	98	190	90	65	93	84	68	76	110	73	63	130	91	138	92
6620373	100	94	139	109	193	82	109	104	73	56	63	58	119	138	125	74
3930669	46	62	64	62	67	42	64	63	61	52	62	52	58	74	62	65
5490307	60	69	57	71	78	60	73	58	59	61	82	60	57	54	74	70
3060187	126	154	136	341	602	93	149	126	94	294	94	185	129	167	211	133
2490132	59	59	54	56	54	64	61	60	65	57	59	50	56	58	58	54
4150685	77	78	100	69	93	68	70	59	57	65	58	59	55	76	60	65
2260037	55	81	112	101	72	98	61	157	50	99	74	58	74	66	76	103
1260064	210	247	150	133	155	145	173	137	99	217	131	132	165	144	183	118
1660220	132	92	177	127	148	90	113	111	66	119	96	76	117	141	117	79
6400484	58	67	61	66	65	78	54	62	62	61	59	73	65	61	62	64
4850189	79	101	89	51	311	47	56	57	69	57	69	51	52	61	57	54
4760196	65	65	52	60	62	66	75	71	76	66	71	85	61	69	60	74
670670	46	36	50	45	41	43	52	38	48	40	51	47	45	48	43	40
6370008	64	64	62	64	67	68	66	68	65	53	65	59	56	58	58	64
4490594	1412	1574	2811	5789	8843	1300	1554	1498	1302	7584	1966	2041	3096	1066	1284	1401
2970152	65	64	69	65	58	73	69	65	108	59	81	74	81	81	60	67
1820288	60	84	66	89	64	104	72	71	82	72	107	85	132	153	80	74

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
3360327	150	171	96	81	97	126	105	139	127	86	90	106	123	93	205	136
4480762	115	188	171	108	72	88	81	209	99	94	114	76	73	63	72	77
4280093	55	64	85	107	97	52	53	51	54	220	113	86	107	90	75	60
3850367	184	156	135	217	93	236	150	219	218	143	209	158	171	274	155	159
110333	60	80	82	60	99	95	73	75	62	67	63	51	69	71	61	80
3610520	85	68	70	73	91	58	57	74	66	80	75	53	89	53	104	59
2710121	602	260	272	132	73	146	115	199	148	126	106	119	93	104	123	101
5670372	115	116	87	58	137	61	55	73	61	53	59	49	56	54	69	71
670066	66	54	50	63	47	67	64	66	52	63	67	64	72	61	53	66
2360739	63	49	52	42	55	41	40	59	57	57	55	53	39	45	43	51
380519	85	111	68	74	58	88	90	85	96	61	94	90	141	153	82	84
4040113	62	61	74	79	73	78	66	59	60	111	77	86	72	68	64	70
6130152	86	86	72	81	87	85	100	78	68	77	72	73	89	105	75	76
5960328	79	64	76	80	68	82	76	68	75	89	74	75	89	77	89	71
4590332	71	65	67	63	66	65	73	72	77	68	65	62	60	79	70	63
4780754	56	44	64	58	70	73	59	61	57	73	49	62	60	58	62	57
2120189	130	116	71	56	72	59	61	86	72	46	65	53	64	70	156	109
1410747	72	66	67	60	67	78	68	67	76	70	80	67	71	80	80	85
5820746	79	87	79	96	77	89	78	77	112	80	104	79	93	78	78	85
6020242	63	47	50	120	53	57	62	67	92	72	54	53	58	63	58	70
6580088	76	120	137	133	488	83	118	129	105	165	110	150	153	184	233	74
580445	71	79	50	80	72	78	84	69	72	70	73	75	70	75	64	72
6400414	57	66	57	64	67	58	68	64	66	99	65	69	78	65	82	48
5870653	50	54	70	66	71	62	52	60	447	63	57	66	63	55	49	47
5560707	67	73	66	76	61	84	67	64	71	68	60	66	69	58	70	75
6290450	58	58	56	59	57	57	53	66	58	66	63	72	61	71	50	64
4760673	66	75	51	69	61	69	69	77	57	70	78	63	81	66	66	83
6770706	61	55	65	55	51	58	54	71	64	60	57	57	53	57	56	59
6180546	53	72	61	85	70	69	66	65	59	69	69	70	67	50	68	67
4390386	83	79	72	73	73	79	90	89	73	83	74	78	74	66	77	68
6350091	53	54	54	55	56	46	43	59	60	58	61	58	55	54	55	59
1570286	60	68	66	68	80	59	60	68	67	73	71	64	72	57	76	65
1510519	76	72	83	58	70	80	79	71	81	72	77	86	73	76	93	84
60546	48	61	62	75	81	64	83	67	60	64	71	60	58	64	63	50
5700360	71	63	60	54	63	62	67	57	57	84	68	71	71	81	63	70
5420324	83	93	103	83	97	80	70	80	76	56	73	89	64	85	115	80
50291	52	70	70	72	63	70	66	80	81	54	59	60	73	70	56	68
2340088	48	48	58	54	55	61	60	56	51	57	55	60	52	55	53	53
6840278	59	55	46	58	57	55	58	64	64	57	60	54	51	65	72	48
2060372	158	157	136	303	961	102	164	126	137	356	188	162	139	111	163	132
5720491	232	228	162	289	202	189	157	164	184	264	168	193	217	179	222	165

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
6770746	136	115	69	126	135	80	75	80	169	83	78	89	88	80	134	91
5670280	132	122	163	255	239	150	141	139	132	610	220	392	183	164	303	143
5080138	83	64	75	62	74	197	77	86	71	95	69	63	62	69	68	67
4760192	63	72	69	59	69	83	76	68	221	62	71	72	67	69	78	66
2650056	91	89	58	112	80	91	118	75	81	95	104	83	103	118	76	79
1850168	67	64	76	73	80	70	69	74	62	73	85	78	84	88	69	68
6770441	83	63	79	72	69	62	60	54	91	75	98	81	73	81	60	76
3060703	175	148	90	67	147	80	92	136	148	60	117	148	119	79	209	152
2810504	122	125	206	292	264	148	157	134	110	177	128	94	169	117	81	127
3170431	102	99	117	250	261	82	138	99	96	190	134	196	88	105	135	133
6660162	59	84	81	61	74	76	73	79	80	80	86	66	78	103	75	77
7150324	63	70	52	62	72	78	70	71	71	76	76	63	70	78	64	74
2810687	249	265	217	220	248	200	270	205	214	191	148	217	171	215	165	195
4490544	42	38	41	38	65	40	40	45	48	47	46	39	44	36	37	47
3990561	71	130	69	69	1973	82	87	108	83	64	73	80	91	84	94	76
240220	52	45	54	42	43	72	143	45	138	56	103	560	127	50	50	44
6370754	51	47	39	53	45	43	45	40	53	39	43	45	38	41	52	36
3140349	50	66	55	63	64	77	65	67	55	65	67	66	55	70	60	73
5910612	75	74	61	71	67	81	81	76	80	71	56	63	73	61	65	75
4200722	41	37	38	43	41	46	48	44	37	43	45	43	53	35	44	40
6660368	59	43	55	46	53	39	39	47	38	44	48	44	44	44	43	41
4590477	78	70	78	70	100	73	100	70	81	94	90	67	68	66	72	68
1400142	48	65	76	66	71	59	80	55	62	83	71	46	50	53	64	70
270470	71	72	62	71	60	74	68	62	57	74	58	69	56	81	61	68
6900170	35	37	42	33	39	38	43	52	41	39	44	41	37	46	36	37
3170450	60	72	84	72	92	50	54	52	57	164	56	57	63	55	72	56
1450446	51	67	75	58	62	68	68	48	68	52	61	58	62	78	60	62
5670709	80	70	83	113	93	96	84	106	80	107	90	81	87	79	62	74
6770408	513	760	151	131	184	197	130	312	226	105	71	90	340	145	627	240
6290494	641	742	159	208	179	250	199	358	280	138	148	145	295	229	653	340
6020170	1476	1474	193	253	402	365	268	714	581	175	165	286	820	381	1563	668
5490068	66	51	83	56	51	48	53	54	70	155	131	52	67	64	59	56
4540414	170	157	190	161	153	158	159	165	155	225	176	177	189	156	152	162
3780437	36	41	37	41	36	39	36	40	42	36	35	42	35	40	38	42
3520338	68	97	69	54	83	61	45	84	45	48	52	49	52	43	62	41
770682	75	83	82	87	72	82	88	84	91	78	94	97	92	75	100	91
7330367	73	63	64	69	64	73	47	68	64	65	75	69	62	72	61	65
2370632	102	136	304	719	164	200	294	151	236	230	242	141	93	88	80	164
4760626	42	37	45	53	39	48	44	49	43	45	48	47	43	36	48	44
3180528	101	43	79	126	64	39	42	47	322	50	42	45	41	36	43	42
1230228	94	114	121	76	62	115	59	72	80	76	73	61	70	78	85	93

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
4150598	45	44	47	54	49	38	37	40	45	48	50	49	44	44	44	51
3060273	48	67	61	39	617	44	51	46	48	42	51	38	44	70	41	36
7200601	66	145	239	142	73	69	55	49	81	66	54	63	88	87	68	61
7650026	182	414	441	279	104	206	160	124	257	191	156	171	185	315	101	166
1850315	60	79	69	64	75	80	59	86	66	90	64	68	69	76	99	80
2490070	63	69	65	64	71	61	88	67	64	80	73	82	76	66	56	73
1300240	73	66	68	70	74	80	89	95	80	77	75	70	68	86	77	58
6980762	49	48	49	49	53	52	36	45	499	49	48	49	50	53	41	64
7380670	164	434	77	79	113	115	84	251	72	72	75	91	104	106	120	81
5340220	50	42	67	36	62	41	49	36	38	44	44	45	35	40	36	41
6100360	47	47	57	41	46	45	46	45	42	43	43	40	41	42	51	49
3990577	66	63	47	60	74	77	66	64	67	69	66	77	67	59	72	70
1710692	49	80	71	53	313	57	45	56	67	50	67	54	57	53	113	76
1450468	73	105	56	58	636	59	68	49	52	55	54	53	55	58	61	51
6250040	181	261	239	316	332	258	198	203	227	237	170	230	165	206	143	214
5890170	48	50	45	47	43	50	44	51	49	54	44	47	45	46	47	52
2100296	62	70	70	68	80	67	73	62	54	71	63	60	78	84	80	67
3180681	52	47	58	48	47	49	42	52	49	54	48	53	46	50	57	49
7650538	49	48	41	50	52	45	50	49	52	34	52	50	45	36	43	43
4060438	51	59	119	1331	76	60	2463	62	80	231	88	62	77	1806	63	82
1660767	101	119	83	1134	524	74	79	77	45	56	76	65	122	73	241	73
1570309	189	104	78	71	78	98	95	159	190	98	78	72	136	83	200	142
4610669	295	164	72	80	137	128	128	290	226	359	59	130	246	131	343	356
1990731	53	67	71	122	118	60	53	55	54	63	65	68	53	69	64	57
7610441	89	80	156	90	66	73	77	67	78	77	66	74	75	85	69	67
5670129	54	45	49	50	50	53	48	56	50	48	47	48	53	45	54	53
7050220	159	278	87	52	101	70	53	150	62	54	57	63	61	96	64	41
3140131	45	49	39	51	43	37	48	44	47	48	41	40	46	46	46	47
4880138	70	6247	123	46	788	45	41	38	40	41	34	44	49	44	128	43
5340458	117	161	162	113	110	102	73	97	88	70	76	92	140	76	146	112
580181	67	77	119	87	95	62	59	68	54	59	41	73	60	54	82	58
3940520	605	686	568	388	1107	405	408	488	512	754	498	399	671	423	649	299
4220326	66	81	57	60	89	46	70	58	57	67	51	65	60	61	68	67
2320215	57	202	73	54	82	51	52	90	48	48	54	47	52	52	50	55
7100541	85	145	74	74	70	66	73	80	84	68	64	74	65	68	59	64
3360707	48	46	67	44	42	42	51	48	43	46	48	49	44	49	52	57
3450286	64	68	45	74	65	69	69	65	72	72	57	54	52	57	61	77
840494	39	38	35	43	42	41	42	43	38	43	44	39	36	45	40	36
6770131	43	43	42	41	48	39	41	49	48	39	44	43	44	44	37	47
4610333	56	51	41	90	65	74	51	56	58	54	77	65	50	67	57	67
6350192	78	75	81	70	117	70	71	52	62	66	89	66	73	87	72	63

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
110189	59	62	66	59	109	54	59	50	60	60	68	61	62	58	60	48
2480431	52	66	74	52	108	66	71	59	57	53	56	52	62	61	50	65
450020	62	54	60	61	59	70	53	59	53	55	67	61	59	60	54	57
620202	80	74	81	75	78	83	66	68	86	75	80	90	84	84	72	99
3930379	125	137	101	86	164	106	137	123	125	200	177	125	113	162	106	88
7100431	68	65	61	67	73	67	77	69	78	72	77	66	67	72	81	63
5490301	205	252	417	351	221	100	130	170	138	378	89	214	162	251	225	133
3890601	61	53	69	60	68	67	65	69	77	65	83	64	86	69	71	74
1240195	44	48	36	43	38	37	39	42	41	41	44	43	43	44	39	41
4850528	63	46	68	70	72	72	63	61	51	69	67	61	63	55	64	65
2650075	47	46	48	45	41	47	47	48	49	43	44	44	50	50	49	51
5900608	75	74	46	61	76	68	65	59	67	80	61	67	59	73	77	62
20112	54	51	51	45	49	51	51	51	49	54	51	45	48	47	53	54
2900064	60	54	60	53	56	69	70	73	61	59	63	81	69	72	58	61
4850070	121	60	72	57	55	74	60	72	58	72	51	45	59	56	46	51
1090451	148	93	96	112	78	138	79	79	87	111	68	67	86	61	75	70
3420554	987	914	94	116	289	251	181	774	573	235	60	231	451	252	915	697
2970370	359	779	87	55	186	52	60	57	59	49	57	56	47	58	66	53
7570753	93	68	187	48	259	41	48	61	99	82	72	90	61	58	59	62
6290008	41	41	78	47	179	44	48	44	40	45	52	50	40	44	45	40
1510014	336	355	273	377	713	238	249	258	328	547	240	317	496	266	350	300
7200609	70	88	76	71	83	66	82	83	76	85	75	79	80	81	77	72
520176	56	52	66	48	55	47	56	46	42	51	44	42	42	50	47	41
4210678	101	291	612	88	1048	84	91	126	77	80	77	76	84	79	60	79
7040019	40	39	44	34	42	39	40	36	39	37	42	45	40	39	39	39
110347	148	150	168	106	75	121	152	97	127	61	76	113	129	183	152	129
4120427	57	59	54	68	62	80	56	55	63	58	64	54	64	61	52	59
1260762	79	91	62	74	89	68	63	79	133	95	109	51	61	67	55	70
1510332	68	80	65	74	77	78	61	65	103	69	85	67	73	65	61	75
3140373	43	45	45	48	39	38	43	41	40	40	39	37	45	39	51	45
1580437	46	40	35	42	47	47	42	47	133	68	63	38	38	44	35	47
770739	74	68	63	96	75	76	76	91	82	77	89	91	93	75	86	79
1050168	35	40	45	51	45	43	37	58	274	39	38	38	38	52	39	39
3310093	145	172	136	133	238	104	110	162	136	281	143	127	181	131	171	122
1570039	125	156	301	274	860	55	80	104	106	227	133	124	142	92	151	108
6200168	151	113	113	83	130	144	175	152	127	72	111	121	107	120	186	124
4010519	49	43	60	55	44	53	66	59	54	49	53	57	50	103	59	48
2480424	180	64	96	87	55	74	93	138	106	77	73	62	79	73	86	72
3850064	374	167	156	324	417	139	299	159	262	275	184	139	163	152	179	245
3450332	50	55	56	54	61	62	56	48	54	66	51	60	59	51	59	51
4780139	64	69	62	66	58	71	59	65	95	72	59	75	58	62	83	60

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
6330187	94	167	108	49	79	106	66	95	50	36	49	51	49	51	66	57
6840739	87	110	82	73	72	100	83	101	87	76	70	61	76	90	77	76
6420687	78	70	65	67	63	75	79	69	62	68	60	69	75	67	74	58
7150132	331	341	503	518	758	193	220	296	118	230	148	250	149	281	458	259
5810253	308	338	123	112	190	169	131	180	224	148	105	161	274	138	324	218
2710452	46	47	45	45	45	47	48	50	45	44	48	46	54	46	45	48
7400598	72	92	69	82	72	83	65	92	75	72	77	65	79	73	77	65
770615	45	45	48	51	53	42	38	49	41	45	44	47	48	47	47	46
290136	55	56	55	50	53	52	42	55	50	59	59	64	51	59	57	55
6450746	39	45	48	46	42	50	46	43	43	40	40	40	50	40	58	43
4250626	115	111	107	129	80	85	118	111	91	120	149	88	89	102	138	94
5390474	39	42	51	43	77	44	43	42	53	42	42	44	37	47	39	40
4480301	53	50	58	55	54	57	50	58	57	50	60	68	58	58	62	53
2690519	54	51	73	51	58	59	61	61	53	47	56	61	50	61	57	48
2260615	521	442	486	434	425	336	388	388	407	300	340	408	376	385	594	394
4780373	93	88	74	68	78	84	73	85	83	69	72	83	77	81	89	77
6330593	97	61	71	165	53	68	300	151	1482	687	1885	363	55	56	58	74
940646	82	73	58	75	67	65	86	72	162	102	198	83	76	68	56	64
6900414	80	244	122	83	71	76	65	101	91	72	66	65	77	96	66	52
6400465	42	44	42	52	35	52	43	51	42	47	43	44	43	43	43	44
3850603	87	88	98	95	121	75	79	95	104	87	73	75	75	76	74	68
2350132	54	42	79	47	73	41	38	97	37	44	39	41	56	54	43	40
130754	61	179	64	58	1395	42	43	41	48	44	52	52	40	42	45	40
1510291	4319	3187	408	837	974	1973	1610	4096	2872	1127	437	1515	1995	1874	4568	3404
5960224	1633	1014	209	471	364	812	603	1605	1086	511	197	653	873	735	1882	1555
5490689	63	65	58	73	64	50	61	62	56	60	56	66	71	64	57	65
6400603	44	47	43	50	45	43	29	44	45	43	41	38	40	45	51	44
1410603	110	95	98	124	132	157	108	111	102	278	95	210	117	107	181	96
2760239	41	47	67	49	272	45	36	46	44	42	43	42	67	46	51	49
450132	157	225	149	150	213	186	158	147	111	163	163	154	151	116	157	140
3420372	79	74	117	50	67	56	51	69	53	44	51	47	61	51	55	49
1300187	112	180	130	112	142	119	92	122	123	82	133	83	110	97	131	82
3610170	67	72	56	70	55	99	68	67	82	76	68	101	67	71	63	60
6350475	63	72	58	72	84	73	74	66	64	106	70	90	74	60	61	68
6590438	47	50	40	45	44	43	47	44	41	41	48	37	43	49	47	40
1260722	57	51	60	55	72	56	58	57	59	47	65	47	58	61	40	70
4010592	55	54	67	60	66	61	59	67	56	44	76	63	61	59	65	63
7160739	49	71	65	59	77	92	67	70	61	72	64	49	72	65	60	56
2650370	448	423	642	494	671	561	397	370	369	264	118	411	621	373	342	479
2570220	144	159	132	175	138	127	125	125	126	180	106	115	132	148	180	106
3930372	67	67	62	59	58	60	62	57	57	70	66	61	74	73	77	69

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
7560497	64	66	73	47	300	45	41	55	49	45	45	41	49	51	67	53
1510424	34	40	48	40	40	47	44	49	845	48	46	48	37	43	54	40
130338	52	58	67	53	48	55	55	55	53	55	60	62	55	57	63	59
1690563	53	51	75	49	53	75	54	74	180	42	86	545	46	44	55	57
4050291	41	39	44	42	44	46	41	39	37	46	44	43	38	36	40	40
3710022	46	44	62	41	48	50	46	46	44	39	47	53	49	40	52	50
2350482	60	75	60	68	62	61	68	66	70	56	72	91	72	64	57	86
5050270	67	73	84	107	73	68	67	71	77	75	68	55	56	67	116	84
3850767	199	552	184	63	4615	59	60	179	82	48	51	54	51	46	57	50
4900520	130	1041	1423	270	1503	1759	2146	102	100	116	165	162	171	142	131	119
5260343	279	753	1114	1725	3541	1972	887	637	1225	534	285	618	175	201	164	457
520370	63	72	52	67	73	76	60	78	70	65	69	56	66	65	98	85
6840154	37	40	40	47	41	41	44	51	45	52	47	38	46	43	52	39
3130706	70	66	69	70	63	78	72	63	85	120	89	78	78	67	59	71
3990278	33	41	45	37	69	48	38	37	40	34	44	40	45	39	33	39
4890021	102	311	92	54	7924	47	52	87	64	53	131	60	41	44	55	61
5720379	84	96	82	84	72	65	97	95	87	101	119	85	88	76	87	83
5700441	40	45	62	60	47	41	54	42	43	62	67	48	45	50	57	44
6770333	48	50	76	48	48	36	47	57	51	49	47	49	52	50	48	53
1050563	52	50	71	49	46	39	46	49	51	43	43	50	50	47	48	45
830095	40	43	37	36	51	44	41	39	41	38	46	48	42	48	44	42
450246	70	81	66	82	69	68	76	61	63	84	56	67	65	60	67	68
2970112	69	76	69	98	70	83	92	98	83	87	78	65	86	79	71	80
1710356	75	69	61	71	65	75	61	51	71	59	76	63	73	61	71	60
510561	48	46	44	46	46	42	41	48	46	48	48	43	47	47	46	47
5670082	56	57	134	49	94	56	54	59	51	90	70	46	48	49	57	66
730093	46	47	41	41	97	57	46	36	43	46	39	42	44	43	38	42
730148	86	65	70	81	60	79	81	51	92	75	78	96	79	62	80	66
4220053	47	46	56	46	43	49	42	57	48	40	49	44	47	38	51	42
270301	64	85	67	71	82	65	71	65	60	56	65	66	62	67	74	81
2070372	83	77	71	69	171	81	82	71	74	69	80	84	78	68	82	82
1580653	79	72	77	75	96	82	80	82	82	65	72	84	89	99	89	79
10066	51	53	64	49	51	50	47	57	53	50	51	51	44	52	54	53
3120286	46	52	64	49	446	45	58	60	58	58	159	62	53	55	57	57
6480450	42	45	58	49	386	40	45	41	41	44	46	50	44	49	48	41
6650152	62	67	65	59	48	65	66	70	59	47	62	69	61	71	69	53
2570672	42	48	42	49	36	42	37	41	43	42	42	41	42	42	41	45
4670138	47	58	65	48	55	46	46	54	49	46	45	47	108	42	48	41
20609	77	98	86	120	154	135	139	141	70	57	53	55	100	47	58	104
4480390	40	47	61	38	45	51	34	47	44	44	42	41	37	32	44	40
7380152	347	299	393	347	373	353	286	296	391	249	354	318	336	407	288	314

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
4150598	48	127	113	45	39	46	51	209	53	45	42	57	45	60	54
3060273	53	44	56	16370	1197	7774	44	42	54	57	50	45	43	46	47
7200601	9273	2201	3907	213	56	67	1671	55	699	2616	1093	62	57	4605	574
7650026	14208	5330	7798	711	95	106	5282	81	1709	6293	2946	178	61	9757	1543
1850315	77	91	85	85	73	82	76	67	157	131	60	53	72	66	69
2490070	687	251	133	68	65	68	77	64	64	72	251	70	67	93	84
1300240	285	2118	14059	69	74	52	79	77	393	90	75	97	85	83	90
6980762	48	48	45	47	119	47	19166	178	62	56	44	45	41	44	97
7380670	142	309	337	94	95	97	2894	1048	1022	882	281	64	86	189	102
5340220	49	143	44	74	46	79	39	34	34	42	43	51	42	83	40
6100360	372	108	133	44	47	38	56	47	114	95	69	48	45	76	60
3990577	70	68	53	60	53	68	59	74	107	82	63	73	59	59	56
1710692	47	47	48	89	1248	102	55	47	52	53	58	61	53	52	46
1450468	60	66	82	63	3196	172	49	678	71	64	90	56	60	79	62
6250040	508	331	308	201	383	230	263	134	366	350	315	261	391	218	593
5890170	50	48	51	42	48	46	47	50	45	54	48	43	61	44	51
2100296	84	85	76	92	72	70	84	65	68	66	85	71	81	11348	299
3180681	60	110	92	68	62	57	75	54	80	57	58	62	62	117	68
7650538	94	163	220	218	60	120	143	108	216	141	220	184	190	154	171
4060438	128	210	106	196	219	168	140	125	230	322	371	292	93	401	3004
1660767	49	51	54	265	44	1570	52	44	49	46	90	44	89	46	41
1570309	123	88	72	85	65	47	98	156	104	98	172	93	61	90	104
4610669	213	151	75	107	82	70	129	410	108	207	664	82	95	186	224
1990731	60	77	73	90	67	481	73	64	72	63	88	66	59	70	140
7610441	91	68	100	1015	2389	607	340	103	84	52	62	86	71	73	92
5670129	48	44	72	47	50	41	54	47	57	47	53	48	49	52	56
7050220	237	84	78	79	68	75	57	54	489	105	193	54	59	918	70
3140131	161	45	64	43	50	50	43	44	50	68	48	41	40	44	49
4880138	50	469	163	152	42	1637	39	36	69	46	48	36	44	35	45
5340458	181	120	87	134	87	77	105	181	139	164	88	67	70	139	166
580181	93	87	73	101	86	59	75	80	80	116	83	41	61	80	78
3940520	1125	1003	1845	902	1146	525	627	614	1359	1841	359	462	540	773	1307
4220326	66	64	67	59	70	64	67	79	66	65	93	305	74	73	209
2320215	124	165	114	80	128	80	221	243	64	155	270	77	69	269	292
7100541	229	141	133	55	59	70	64	136	174	177	168	72	74	92	205
3360707	47	43	55	45	55	49	41	42	44	52	49	57	44	49	45
3450286	67	72	61	63	57	72	172	57	77	70	57	94	66	53	64
840494	39	43	42	42	28	121	39	43	41	38	47	39	37	38	38
6770131	3292	938	4391	43	67	135	78	42	2724	4857	47	59	57	39	47
4610333	243	81	183	71	73	60	71	61	163	275	47	57	61	68	65
6350192	682	144	353	81	190	99	70	202	75	99	117	1014	101	86	93

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
110189	301	107	178	62	111	79	53	127	70	65	86	575	88	84	79
2480431	373	91	180	64	167	86	66	114	71	84	86	441	112	61	62
450020	60	95	220	56	65	78	70	62	60	58	61	5391	2906	171	52
620202	88	77	104	72	61	77	101	129	80	81	67	558	85	71	319
3930379	110	99	123	351	206	198	176	130	147	120	143	97	269	152	155
7100431	81	118	163	75	81	84	101	104	122	105	101	122	71	153	112
5490301	863	546	316	810	603	148	558	329	200	359	537	283	611	439	370
3890601	87	71	62	66	62	77	77	74	77	68	68	70	64	79	78
1240195	40	37	38	36	45	44	40	42	37	44	40	46	45	38	39
4850528	55	71	66	72	69	63	68	65	77	73	69	89	69	49	77
2650075	54	42	47	47	47	42	43	43	42	43	41	61	48	46	50
5900608	94	68	77	62	62	77	60	73	74	76	75	115	80	67	59
20112	46	38	55	44	51	49	49	49	50	49	46	53	50	54	49
2900064	65	58	66	71	69	94	65	66	55	65	68	78	60	61	59
4850070	65	49	53	59	57	50	55	40	47	54	248	43	52	41	47
1090451	288	121	71	84	73	57	77	73	82	85	893	89	79	72	90
3420554	73	130	94	346	146	60	73	207	302	80	602	76	65	278	128
2970370	374	225	239	1691	2931	1105	113	104	562	175	479	361	111	629	322
7570753	288	162	59	272	589	123	869	103	77	59	1274	127	288	153	500
6290008	65	65	62	68	600	78	65	52	70	46	119	53	58	69	54
1510014	469	377	379	582	955	609	784	280	381	337	694	373	929	403	351
7200609	76	65	80	142	71	180	67	69	88	101	75	79	102	86	75
520176	47	43	47	81	50	116	48	45	66	48	49	50	65	48	53
4210678	307	76	109	484	675	1330	70	245	86	81	298	54	104	88	109
7040019	40	39	39	45	48	58	39	33	37	44	43	41	32	32	42
110347	151	116	109	102	80	109	289	162	145	145	92	157	132	102	148
4120427	53	193	651	48	45	60	48	61	146	1508	47	284	62	52	62
1260762	72	2341	21084	56	59	61	69	58	72	62	64	114	75	70	70
1510332	63	1545	18776	78	67	86	61	59	81	71	66	98	66	76	86
3140373	41	343	10824	46	48	37	39	42	41	42	42	44	43	40	42
1580437	40	2672	19973	48	43	49	47	43	50	45	44	90	49	35	54
770739	111	5773	19537	82	82	72	92	78	74	81	86	95	100	1423	98
1050168	2066	14961	1377	119	50	45	59	40	811	1587	54	83	55	54	4996
3310093	253	247	153	269	360	395	235	320	189	295	306	104	674	198	973
1570039	365	557	575	954	887	444	774	516	418	587	769	213	1248	518	399
6200168	236	513	981	117	86	160	203	211	369	252	121	218	130	230	314
4010519	51	75	51	51	57	51	12280	66	50	37	48	51	53	94	54
2480424	122	287	540	112	68	113	238	175	363	158	345	293	238	330	407
3850064	243	225	390	189	362	383	204	156	118	204	346	1742	236	213	167
3450332	56	57	60	53	53	70	57	52	53	51	53	2043	258	56	53
4780139	63	65	71	699	1135	4941	73	61	79	61	56	59	607	53	67

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
6330187	296	604	1383	63	66	66	160	75	1113	810	195	374	65	276	97
6840739	136	380	478	71	87	74	94	81	361	340	101	216	87	128	96
6420687	64	68	62	72	61	64	58	64	75	82	66	70	65	66	81
7150132	598	437	587	636	1058	354	433	523	620	751	797	323	543	756	821
5810253	326	212	193	210	289	129	328	355	235	184	268	116	242	139	258
2710452	45	104	224	44	46	43	52	49	89	59	44	180	44	72	293
7400598	99	63	78	131	270	160	78	75	73	119	75	79	69	80	85
770615	56	42	43	45	32	40	46	44	46	45	45	46	44	52	44
290136	167	53	62	45	50	41	58	51	78	64	63	57	65	69	62
6450746	94	50	50	51	39	45	51	46	52	54	48	42	45	40	42
4250626	233	346	400	106	93	127	450	186	242	286	84	307	88	153	439
5390474	50	43	48	44	49	81	93	50	47	44	69	44	48	44	56
4480301	189	108	47	52	60	56	70	51	55	51	78	194	949	50	209
2690519	89	80	60	57	60	50	66	51	47	52	68	101	466	56	101
2260615	871	931	560	601	1085	420	601	744	376	577	1226	336	795	515	1213
4780373	89	106	90	68	64	72	87	86	88	69	72	94	88	81	68
6330593	62	52	71	104	171	265	81	48	72	52	199	145	374	138	60
940646	55	67	52	57	85	74	69	64	71	71	76	78	75	62	68
6900414	98	85	87	123	69	106	137	62	90	76	74	261	73	72	1437
6400465	192	223	485	91	50	68	271	411	383	250	259	222	69	359	278
3850603	97	79	63	126	349	518	63	87	101	93	60	87	89	76	93
2350132	61	91	122	54	57	262	49	47	192	128	67	46	77	47	48
130754	51	71	61	5176	8874	1945	42	53	49	47	45	47	258	53	324
1510291	1701	1238	385	1109	569	240	512	1212	1173	1255	2371	611	725	1744	1022
5960224	647	763	141	389	187	111	205	591	458	506	1175	289	324	778	398
5490689	52	62	55	264	68	500	65	60	65	59	88	65	52	60	70
6400603	54	88	72	51	42	42	49	57	72	61	52	66	51	80	58
1410603	366	836	263	354	406	219	279	616	250	285	799	645	421	425	802
2760239	55	78	74	75	42	162	55	78	66	54	74	47	48	72	65
450132	417	171	225	256	531	234	203	269	180	200	768	160	199	326	278
3420372	63	230	63	99	81	54	100	57	122	86	118	72	56	105	130
1300187	309	219	455	171	128	138	150	160	227	290	129	320	62	165	234
3610170	1075	501	12770	69	91	77	60	72	1454	15202	65	132	122	75	114
6350475	787	73	3183	64	83	81	71	70	171	10119	82	189	71	67	82
6590438	52	260	11161	45	47	55	48	45	4279	220	41	146	49	32	43
1260722	52	58	51	43	54	60	47	48	54	73	56	58	52	47	55
4010592	54	56	51	67	58	65	71	51	61	49	67	64	74	57	69
7160739	51	60	63	50	62	64	61	66	63	56	65	102	65	55	71
2650370	727	801	734	369	681	460	552	566	583	499	1213	389	178	714	538
2570220	225	268	301	310	196	291	300	795	463	272	572	736	1628	320	684
3930372	65	73	63	68	65	77	63	61	61	57	56	1653	140	72	65

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
7560497	45	49	56	447	50	1609	45	44	46	47	44	64	53	60	42
1510424	6215	5117	9058	47	38	66	150	536	2184	1368	55	6040	341	130	105
130338	62	105	61	55	46	62	57	55	53	46	60	54	3192	49	56
1690563	530	1563	58	84	51	56	145	101	67	71	66	432	15818	84	268
4050291	48	97	44	36	40	38	40	47	39	50	43	55	7105	42	44
3710022	89	447	44	58	60	43	59	51	45	50	47	2166	3013	62	64
2350482	59	76	61	75	57	59	59	873	67	60	68	68	67	73	58
5050270	190	436	78	93	66	74	73	266	84	97	125	81	59	62	192
3850767	237	291	78	223	1841	859	1144	621	119	60	2039	62	102	300	67
4900520	110	84	304	1072	2404	2018	95	93	255	119	85	74	1397	87	80
5260343	527	176	206	1001	2118	4931	182	66	262	668	152	151	60	943	95
520370	64	58	70	72	94	71	3625	66	56	59	70	66	65	66	65
6840154	148	418	857	44	41	38	2230	61	68	59	45	86	42	67	49
3130706	86	70	74	73	130	69	12369	77	68	67	81	83	76	70	68
3990278	41	61	92	45	44	44	210	43	50	46	41	609	42	38	39
4890021	58	148	53	648	2973	5222	127	311	64	47	263	49	680	105	55
5720379	61	74	72	103	69	78	116	78	56	92	91	66	101	65	74
5700441	38	41	37	49	57	50	71	50	44	41	56	46	55	48	45
6770333	240	65	72	40	56	46	117	46	50	47	46	76	48	633	45
1050563	45	43	46	42	42	58	46	45	46	51	42	5479	2000	43	51
830095	35	38	41	45	291	50	42	49	32	39	42	40	43	44	40
450246	178	78	69	64	74	77	57	50	77	66	68	65	73	16513	502
2970112	79	78	83	72	66	74	72	77	85	63	78	69	106	3836	89
1710356	64	58	75	67	79	65	58	58	60	62	60	72	56	10577	311
510561	72	40	51	52	50	59	47	48	49	48	50	55	53	8843	42
5670082	52	57	50	54	52	57	58	45	49	52	77	51	58	55	53
730093	43	55	79	79	3263	218	49	42	53	59	49	59	53	41	45
730148	72	82	96	72	66	70	79	67	77	64	86	72	68	107	89
4220053	225	150	182	41	43	51	114	285	117	142	124	163	105	109	70
270301	74	68	66	100	84	363	71	61	64	67	60	66	56	70	67
2070372	77	75	77	656	159	4899	74	66	63	74	80	70	80	67	84
1580653	96	93	73	74	85	73	73	77	93	77	90	72	89	79	129
10066	43	47	44	49	61	47	43	49	42	47	53	156	47	50	43
3120286	56	48	53	306	60	2727	65	50	63	52	57	64	59	54	64
6480450	45	45	52	1306	897	4596	49	73	51	44	55	56	53	42	51
6650152	63	70	51	65	62	61	59	52	60	52	59	396	100	53	62
2570672	46	134	3160	47	38	73	295	41	949	441	43	40	50	39	46
4670138	75	101	158	52	47	67	672	96	238	342	73	561	96	130	62
20609	101	195	103	68	87	72	224	173	185	309	303	112	55	279	226
4480390	76	192	30	42	50	34	41	36	202	157	37	42	38	35	41
7380152	245	324	1128	5503	811	346	416	557	302	241	299	301	140	278	313

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2810762	58	61	69	71	75	55	69	70	61	65	53	68	46	69	70
1740692	52	70	88	64	77	77	75	60	72	72	71	69	71	67	59
2450452	804	1298	1418	254	291	625	3302	3218	713	707	397	2778	950	372	1961
4850576	56	49	44	38	38	49	43	49	69	43	41	116	43	44	80
510133	458	220	489	546	1326	482	1061	430	167	256	507	417	879	543	129
2640598	70	61	59	64	63	65	69	53	76	61	53	60	81	54	83
6330730	545	156	107	72	159	47	170	123	297	120	430	89	443	184	1153
4560228	52	73	64	62	56	51	53	51	73	62	74	63	67	71	65
4610201	88	85	98	91	110	88	87	102	79	134	88	184	105	114	133
6510156	44	120	119	122	262	134	95	81	114	74	352	333	77	293	59
5390767	52	72	57	65	58	48	60	81	71	58	78	134	64	149	64
5490465	72	86	69	60	72	64	79	69	64	71	75	212	67	79	70
6960438	80	82	80	82	87	82	65	74	113	99	99	280	57	237	106
4060025	63	86	70	71	78	59	78	69	88	89	75	68	182	70	95
4850711	64	118	107	85	94	98	174	92	127	158	98	143	56	141	192
3990497	322	549	335	305	219	189	328	227	243	529	207	177	677	450	399
4200711	60	136	95	137	81	145	100	61	98	67	96	572	113	246	108
3180647	82	86	93	87	115	92	99	82	83	106	145	75	79	100	151
1090196	54	57	72	61	54	59	52	54	63	64	51	59	50	66	44
5260280	142	121	120	115	121	81	81	92	121	132	111	286	134	165	183
6290091	142	236	193	130	169	134	299	396	220	199	230	310	275	278	416
2710687	56	59	66	210	61	87	63	59	64	57	70	83	67	55	67
6270731	54	79	52	57	73	77	60	71	69	68	93	92	59	102	67
3840091	70	97	95	91	104	85	96	87	107	101	110	191	97	159	114
2510164	187	6697	225	9465	154	172	3442	5491	3907	3227	15372	10899	1230	9146	2002
580161	109	3138	213	5049	117	70	1191	1966	1440	1306	6755	3868	707	4146	697
380685	212	9560	299	6585	228	158	2563	6007	3951	3134	11674	8190	1796	7584	1259
4210044	56	109	68	91	88	61	82	100	89	81	136	168	166	195	81
2450020	58	83	51	89	100	76	60	80	116	156	136	78	323	94	174
20543	61	60	72	68	80	67	60	70	64	56	73	144	80	93	60
4390044	63	61	59	67	54	65	64	77	60	55	68	67	69	117	77
3870156	61	55	43	69	84	48	55	73	71	55	70	55	65	56	74
1850273	143	140	94	117	61	65	102	84	93	151	116	95	171	150	163
3310037	46	52	40	131	90	58	89	52	46	41	46	57	53	48	46
3370736	1136	709	426	181	2154	499	887	706	921	574	2843	477	462	462	512
5310368	48	201	2854	46	41	51	63	45	4963	338	42	48	44	40	41
160433	45	43	37	50	43	46	43	39	45	39	46	47	58	46	45
2070735	334	302	303	913	1191	556	331	336	226	408	514	228	804	308	225
3710711	908	721	682	1295	1287	792	687	345	480	1056	1408	513	1386	698	870
6860138	58	57	58	273	1968	2359	61	59	59	52	69	58	66	57	53
5340692	95	133	141	150	171	177	226	408	278	311	262	66	76	107	201

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
270347	185	433	610	79	237	141	259	93	180	168	118	226	282	229	221
2690577	72	57	62	57	73	63	197	53	44	51	64	48	52	57	53
870475	101	88	73	67	68	76	183	66	81	77	63	63	92	72	68
540014	57	73	58	308	80	2748	73	59	56	69	68	59	66	63	64
6040433	42	52	69	318	372	2188	56	45	48	45	50	41	43	53	44
4810730	1053	328	667	221	131	1957	67	69	347	311	162	78	78	70	66
3180639	41	40	46	268	95	3325	40	40	77	49	68	44	45	37	38
60017	71	58	66	68	4974	70	72	71	67	70	59	65	70	53	73
3520768	99	54	46	1097	2057	9432	50	37	98	46	288	41	48	48	47
4280192	57	74	90	64	72	61	225	105	71	65	59	62	69	86	73
770255	86	71	71	77	77	73	64	74	74	74	87	65	104	73	71
1770603	1084	436	900	34	41	36	457	37	60	145	42	69	154	44	52
1410192	71	73	66	105	78	180	111	72	72	70	75	92	78	59	81
1230672	327	1836	16951	43	48	39	596	57	1598	87	43	4224	44	45	45
4040632	311	3671	16302	67	58	65	65	62	523	63	59	2928	64	65	66
4730376	44	43	64	46	48	37	47	41	38	42	47	39	43	38	42
4900634	737	768	2412	42	39	55	49	46	1813	61	42	6150	1567	55	37
4290209	544	649	310	215	91	170	200	765	321	310	254	291	205	430	281
940674	77	95	106	39	39	44	87	60	53	73	45	74	42	79	112
3360762	98	88	86	68	73	86	98	224	112	109	61	127	108	94	82
6180750	41	50	44	40	39	39	41	40	45	43	42	37	45	39	36
2320168	49	40	45	40	43	47	58	47	45	51	57	43	50	54	190
6980470	71	183	321	43	37	48	105	42	50	117	79	47	43	82	52
2640301	64	192	73	46	42	45	62	41	57	50	167	45	44	48	64
6100484	255	70	69	68	65	66	70	65	292	73	66	57	61	65	61
6060376	80	70	81	68	64	81	76	71	72	73	75	78	68	72	63
2570161	229	293	402	117	505	415	173	2024	367	461	226	322	164	212	152
990441	46	42	55	45	51	47	53	43	50	48	49	42	46	46	47
4730564	164	119	123	252	284	594	213	1761	112	112	206	102	73	100	139
4890092	106	179	109	87	139	72	95	164	117	164	143	87	78	142	226
430300	57	63	63	55	61	62	60	60	70	55	62	50	56	57	77
3850326	46	44	41	39	44	48	40	40	46	47	44	45	37	39	45
2030709	287	66	168	67	75	96	94	83	65	73	72	14797	789	70	63
5260253	42	41	43	44	43	46	37	40	44	43	41	45	48	41	42
6040731	38	68	82	40	47	49	48	40	41	41	45	44	39	55	37
6420605	1260	1464	846	118	72	69	176	117	566	1340	66	1048	479	271	128
4250367	383	85	70	75	62	58	95	72	164	79	90	75	75	76	89
3930086	965	968	774	744	1004	376	851	1162	763	928	496	686	717	735	879
6580059	265	633	468	97	48	85	1562	328	468	282	797	329	54	1283	139
1070088	239	56	143	66	75	51	68	62	71	69	62	83	63	67	79
6370703	59	42	76	42	42	42	46	40	40	54	47	973	42	44	542

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6860392	141	151	3178	61	59	114	114	68	1273	382	88	5258	205	73	73
2190408	56	54	50	44	50	53	389	50	49	42	60	71	47	49	48
3390215	66	60	58	58	51	63	61	76	52	56	63	55	52	55	52
7000619	87	93	107	80	62	66	110	69	98	69	87	73	76	102	57
5420189	49	47	55	48	48	53	54	145	48	48	389	81	40	43	50
5570181	62	62	53	65	72	55	70	161	58	51	334	107	51	54	64
5810730	38	41	39	34	40	39	34	38	35	41	58	1598	40	36	36
5900228	66	57	56	57	73	44	67	60	57	64	75	2781	79	72	67
5360601	79	82	68	94	85	88	83	193	92	80	392	163	106	69	84
7610524	63	64	51	48	50	55	56	64	58	48	79	4838	54	70	54
2850619	102	74	81	977	868	870	82	71	158	211	243	188	106	121	86
3130372	43	46	104	60	42	330	47	48	244	105	43	49	52	42	47
5910414	44	47	61	56	44	101	54	51	46	43	39	42	50	50	48
5870091	47	48	57	73	52	122	63	58	59	48	59	58	57	55	64
1090008	36	40	53	38	44	56	36	73	40	38	37	11275	1614	34	36
70451	253	442	597	555	189	228	276	260	615	280	426	492	379	821	264
3710026	74	50	42	56	50	46	48	55	65	52	59	44	47	58	58
4260286	164	134	94	99	84	96	105	90	91	58	98	86	161	381	665
2810451	717	1002	284	46	40	36	40	45	614	45	199	1247	318	100	1225
5700431	274	169	124	203	100	100	317	228	181	293	143	103	93	175	150
1240746	60	49	68	66	77	65	79	78	91	77	63	63	62	372	60
2710343	229	291	82	52	57	52	54	43	61	63	67	46	51	44	49
6840202	65	67	83	58	69	58	92	154	76	65	65	86	69	71	51
6940431	65	54	75	1166	2131	274	55	55	70	53	123	46	57	118	56
4490743	63	71	48	50	62	58	60	49	45	60	56	90	61	3750	61
4810632	80	57	56	60	58	65	62	62	65	70	71	94	61	5584	68
5220753	69	67	71	63	77	61	52	80	76	69	59	118	96	4652	50
6200091	63	66	68	69	56	85	51	57	66	63	65	58	66	631	59
2690279	46	49	49	76	99	1089	44	40	63	44	269	44	48	195	38
6590523	182	325	172	271	51	183	149	108	109	225	188	125	68	122	149
670414	48	53	56	52	58	78	52	59	52	50	54	53	54	63	48
4490288	41	45	39	64	81	61	40	49	40	44	39	58	56	46	44
6580717	75	98	337	81	84	92	83	70	164	189	92	257	52	153	58
5560411	127	186	147	257	256	160	231	149	188	188	230	115	90	159	205
1170154	129	282	94	150	180	84	157	132	111	202	119	93	100	98	78
3290152	109	210	112	154	279	79	155	114	119	159	160	64	58	87	88
3310592	3666	3091	3388	4514	5861	6535	1404	2312	2539	4758	5978	2791	5441	4920	6868
3450750	8244	7536	7043	10614	11717	13149	2977	5731	5233	8422	12051	5692	11275	8478	10790
3400070	367	197	185	185	210	149	291	440	218	337	320	211	65	289	332
20603	349	234	442	320	298	188	415	251	315	310	373	222	546	316	433
6580113	76	56	71	61	64	48	78	68	58	54	71	69	67	54	47

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
5870008	80	363	333	63	64	52	150	119	167	197	91	256	76	208	136
7050201	63	61	139	67	64	57	67	73	87	218	61	58	73	88	67
150735	64	61	60	67	252	81	53	54	56	51	57	51	59	54	54
510066	67	72	67	76	90	61	67	72	72	69	80	63	56	77	73
1470162	78	71	67	72	79	82	66	80	65	69	57	68	72	64	99
3520168	74	1230	85	135	139	309	230	733	249	316	1399	608	396	1144	13545
1980538	66	73	57	172	1066	798	59	83	70	71	73	56	69	66	65
5820026	310	316	180	77	63	82	58	70	206	148	95	67	126	162	450

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
4850086	35	43	46	47	115	72	47	44	43	44	42	40	37	37
6110592	89	195	127	64	104	128	93	449	138	89	71	124	92	64
3190082	52	52	49	56	60	52	60	59	50	45	62	56	54	54
1450100	46	45	338	124	47	38	45	67	96	47	45	43	46	42
5490382	43	59	39	169	40	50	45	41	50	42	46	43	40	48
3520709	76	67	68	89	66	67	70	72	70	63	91	84	71	85
3120681	36	43	47	41	42	43	42	43	43	49	45	43	62	41
2030161	63	70	75	64	69	61	72	78	56	79	67	53	1963	61
270709	72	94	73	75	100	64	80	79	81	83	80	74	2981	62
2320377	41	40	44	42	49	37	41	46	41	37	41	45	41	42
1260270	120	99	126	208	89	192	85	135	112	212	102	286	136	227
2760274	55	52	131	287	50	86	47	51	42	49	48	48	68	60
2650736	58	67	49	57	44	76	45	45	49	49	42	38	1071	48
5910010	64	65	172	154	84	70	77	132	75	68	74	66	6323	76
5310524	94	97	71	132	136	127	216	133	149	100	143	85	107	103
3780156	51	41	42	93	48	85	214	46	46	47	43	46	91	63
1050561	69	64	62	72	67	68	72	69	64	74	72	74	71	70
2480040	43	275	36	44	44	44	212	45	67	46	49	44	43	39
5910309	39	41	49	39	7167	42	42	43	41	38	34	33	44	40
5810050	167	122	110	292	198	101	243	202	105	55	183	202	49	105
1030184	139	86	318	196	52	564	239	51	57	44	52	46	64	53
3460279	53	42	53	52	53	51	48	56	42	56	56	469	50	51
4570364	90	89	60	374	433	63	267	3032	76	74	76	71	490	78
6380020	69	89	70	101	78	71	127	73	81	57	77	65	436	60
3780468	58	46	62	378	59	63	56	55	62	56	65	61	2791	58
240541	49	43	42	201	48	64	73	44	38	40	64	43	2032	44
2630010	60	51	41	67	47	56	73	60	58	64	58	59	140	54
1740669	38	35	43	35	39	36	57	35	42	45	33	40	39	42
2340577	42	45	44	60	50	53	38	40	48	51	43	38	40	40
1850521	58	55	64	76	63	54	40	52	301	65	54	79	52	63
2650594	51	69	61	103	49	271	49	75	55	167	51	83	83	91
130110	77	111	128	55	59	48	84	60	181	659	129	57	60	71
4830376	43	50	52	44	53	53	7924	46	53	63	42	54	47	48
7200435	5355	2216	90	1619	351	98	909	85	97	224	169	77	82	173
6290239	80	80	95	90	844	84	348	8874	68	150	193	100	72	116
2480241	243	353	274	224	189	192	138	95	1004	348	442	230	371	245
5080561	240	222	240	379	335	359	255	140	150	242	141	134	201	179
1770253	41	41	50	35	41	41	46	45	44	44	37	41	43	44
6280440	149	121	84	126	83	236	55	376	41	40	54	44	43	92
3450347	49	41	38	42	43	50	43	41	2026	382	730	1080	44	80
3170100	94	56	161	121	44	51	81	319	111	44	38	45	164	100

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
2600554	73	72	80	84	68	73	86	118	66	74	62	64	97	70
2510253	158	269	194	291	187	109	263	190	192	69	167	241	388	179
7570477	127	174	153	242	670	395	224	1105	125	235	188	227	194	198
7510424	295	339	239	435	912	697	347	1509	189	381	207	373	322	399
6040452	55	52	175	60	47	74	123	238	53	68	55	66	302	55
1850068	179	216	154	166	110	104	448	224	335	134	287	109	176	116
6110440	79	63	78	70	75	57	71	74	85	98	73	175	68	74
6960035	48	43	45	40	39	39	34	38	42	40	39	38	34	71
7050215	36	39	51	115	45	78	47	48	45	44	41	42	277	46
1710242	402	622	654	680	198	693	672	276	72	266	372	289	810	304
4890670	81	72	75	75	71	71	66	75	73	75	95	83	62	77
4540468	49	66	53	49	1655	66	58	71	43	62	52	62	62	53
6510360	181	319	132	307	285	630	211	361	262	140	361	453	164	179
6110102	202	106	235	206	56	90	530	83	64	48	77	212	244	130
6110152	52	44	40	43	95	51	54	46	51	37	56	42	62	46
2490044	83	85	147	119	107	98	195	91	138	87	77	106	101	118
1070224	50	44	42	43	55	66	52	95	40	49	44	63	44	72
2070377	120	128	151	212	83	198	259	88	65	72	115	96	63	63
2000128	47	73	455	60	50	78	54	40	41	226	41	1197	1399	5638
6100241	79	60	66	361	34	2164	32	59	74	89	54	77	47	60
6420689	66	76	50	62	58	63	61	61	67	47	55	68	56	63
6060347	60	52	54	53	53	47	51	47	60	53	45	59	48	63
6040156	65	96	79	98	82	65	76	111	79	81	112	68	70	75
3870593	71	72	302	1071	47	70	64	136	77	85	78	79	46	55
3610180	46	38	42	44	44	47	38	43	46	47	45	45	44	46
6450403	43	41	42	43	43	39	60	36	55	39	42	40	36	44
4260280	75	81	74	110	59	90	111	133	67	67	67	70	68	91
6650215	122	91	92	113	86	78	137	115	80	76	78	86	67	99
2190139	2764	119	38	79	42	40	40	43	42	43	41	43	127	55
4850170	36	43	47	37	40	43	39	34	42	50	47	42	47	67
5310343	52	48	47	40	44	53	55	44	44	51	44	40	45	50
3710176	82	80	82	87	100	66	73	97	91	78	82	91	75	86
1450671	142	101	460	125	100	397	87	116	76	131	112	128	677	113
3830598	61	61	61	56	54	51	50	51	53	51	56	47	47	51
3830170	240	201	324	252	406	227	132	261	633	437	312	206	301	240
5340348	55	85	110	81	59	95	45	79	78	129	60	207	88	1055
780356	89	89	80	73	59	585	55	65	58	62	65	62	54	57
5360070	796	440	730	456	85	432	1039	822	54	295	126	130	480	127
6250672	195	303	118	118	380	208	124	90	203	86	287	237	81	77
580100	152	84	91	74	69	152	69	67	74	87	72	889	322	185
7210136	106	88	65	447	38	1803	43	77	75	69	73	164	56	88

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
1170671	194	250	186	525	42	905	36	207	198	654	237	350	141	309
1580411	191	252	152	482	39	942	40	192	178	560	160	278	143	285
20129	266	399	355	901	86	4068	79	372	388	774	441	798	372	593
4220068	78	91	571	76	78	85	71	80	96	229	100	89	117	78
3940504	324	389	275	1032	89	4039	79	194	196	348	320	786	104	269
770167	233	218	141	653	77	3891	81	349	1833	179	411	477	151	170
4200451	86	107	102	79	53	82	124	137	90	59	56	44	147	55
3460152	102	118	106	115	54	84	151	140	103	56	55	57	133	62
2940398	77	94	135	72	46	104	144	103	97	75	90	212	136	66
2260424	59	74	64	64	73	71	121	74	74	52	66	71	75	60
1260025	493	490	508	546	318	335	1633	360	542	397	452	217	532	285
5260014	388	265	208	366	86	243	985	454	378	134	111	90	355	131
2360632	5028	4899	2000	296	66	4920	62	62	68	62	76	68	5744	73
6350437	403	336	401	234	160	151	658	89	53	70	52	49	200	82
4920019	69	79	64	77	69	56	77	73	66	72	77	80	95	80
7050053	66	52	73	65	65	61	58	41	58	56	58	53	60	55
2350730	70	68	68	51	146	67	71	49	70	70	54	56	56	64
6860446	88	67	93	87	78	81	80	82	66	86	94	89	70	77
6840609	74	64	60	77	70	76	68	141	70	68	69	74	73	105
5270022	51	49	44	53	47	74	43	123	61	40	44	42	52	131
2650484	38	43	44	50	46	42	46	56	45	45	53	49	39	46
5550372	70	92	66	65	64	68	61	75	68	67	72	62	71	72
1580487	604	389	334	236	75	406	614	400	213	286	206	182	402	212
6420356	68	51	42	48	512	66	2439	49	42	48	84	50	39	36
5290711	48	49	45	40	47	54	56	46	212	394	1658	40	46	43
780528	1272	1605	1787	1450	430	553	1922	2214	1124	663	427	502	892	561
5670722	750	228	103	593	72	5343	87	68	85	61	73	65	16164	88
3780291	949	1813	154	731	300	346	159	153	242	309	179	182	423	197
2650673	43	45	857	146	42	296	100	41	42	46	36	38	50	43
7160376	83	69	74	66	67	70	72	60	65	69	70	70	53	64
6370414	54	69	66	97	46	236	50	65	62	104	86	73	62	65
670398	90	70	59	68	77	76	391	97	89	173	114	92	67	70
10187	185	190	345	195	201	324	258	225	284	554	360	186	141	182
6100139	47	76	49	51	67	63	65	49	42	54	46	48	65	57
3390372	47	40	56	50	209	47	70	74	44	47	54	61	40	49
1450392	47	55	64	54	49	53	42	55	58	84	107	51	50	46
4010136	47	64	55	56	83	58	239	56	59	54	50	60	65	62
5390113	272	232	213	457	80	1963	110	233	215	541	165	477	215	301
580754	42	43	606	52	46	40	43	43	47	57	50	37	379	37
2260445	59	61	52	78	67	51	58	54	57	65	71	61	78	60
1170047	1573	745	2604	3478	856	1470	158	5692	250	534	376	820	505	694

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
5860048	147	152	235	129	101	175	102	147	226	196	208	548	141	113
360296	64	96	64	107	190	121	1786	125	63	76	80	131	80	113
540685	59	68	318	67	49	56	53	44	48	60	80	17183	494	63
4280440	67	67	81	82	66	64	257	62	105	67	87	75	82	79
3830202	53	46	1232	59	48	52	56	77	1332	922	48	54	179	52
4010095	48	46	503	54	47	61	47	48	707	206	42	49	78	58
6900377	40	42	508	49	43	34	39	44	888	343	41	35	83	42
7650739	54	68	75	58	56	59	52	57	63	72	83	74	80	84
3870608	295	286	349	274	255	242	328	251	331	164	262	255	489	253
6370541	1281	737	846	324	363	152	53	80	41	68	52	74	135	1748
5860674	64	60	77	64	48	65	66	436	66	62	53	74	63	92
5820551	66	70	99	64	60	62	68	1158	115	77	82	71	65	141
7510128	98	66	108	72	76	51	64	592	74	74	98	70	67	114
1230603	60	57	92	73	76	61	68	848	119	87	74	70	55	135
2710504	43	47	42	43	46	37	38	47	45	40	39	47	43	39
5220196	243	259	268	289	238	321	332	211	159	264	327	217	239	188
620041	41	38	43	48	41	40	47	2109	171	47	37	45	45	41
6580626	62	68	73	237	96	137	1536	65	256	99	106	168	178	125
2100711	59	56	119	63	68	78	89	41	52	49	50	66	59	72
2260274	68	105	48	42	60	78	44	70	73	44	43	56	39	61
4850746	69	61	60	74	88	57	61	60	73	77	62	64	55	60
7380678	408	559	80	112	55	85	6444	44	35	43	37	38	720	41
4890750	129	125	92	111	106	140	153	94	139	150	186	97	112	96
5960672	908	680	970	801	477	727	1005	997	954	831	916	762	636	604
870477	101	72	73	90	57	619	51	55	64	65	56	52	51	70
2230341	396	75	89	546	65	5584	76	64	69	62	83	66	78	78
1770497	364	85	77	122	55	856	56	66	69	51	64	55	1863	59
5550553	80	105	89	121	96	86	106	106	75	70	71	117	80	75
4890671	81	77	67	209	489	63	104	67	164	75	99	72	64	108
20192	228	216	229	254	175	242	204	133	195	166	189	135	273	161
5900017	64	85	79	54	42	62	101	133	72	47	48	46	70	46
7040100	344	93	48	50	34	79	44	37	42	45	36	37	66	40
6220209	1698	215	12280	2386	52	131	41	41	55	49	54	183	8244	2701
5570703	73	59	65	55	63	56	65	67	66	71	55	57	59	52
1190091	74	58	67	87	73	63	294	70	60	65	226	66	85	81
2370768	43	47	44	33	54	40	154	38	44	37	36	48	41	42
6420736	135	85	166	78	269	275	2898	94	302	74	73	136	209	103
2450411	105	80	175	69	226	298	3297	80	162	51	46	122	232	95
5720465	151	119	226	104	245	311	3125	97	210	84	101	182	282	113
450736	90	75	63	58	72	78	82	67	70	73	74	70	73	64
7550086	39	36	109	36	44	41	37	42	47	48	51	46	41	45

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
940746	40	48	47	48	44	52	77	39	45	50	52	43	41	45
4280132	52	55	65	59	59	67	60	55	157	46	54	66	58	53
4280504	45	41	54	44	39	42	41	40	76	47	45	48	46	48
6330553	343	194	345	305	179	475	314	463	405	350	163	266	572	360
2100743	1802	839	946	1489	389	1238	1703	767	785	817	366	990	781	740
6560523	361	177	345	396	154	381	607	314	304	274	130	366	284	262
5340338	457	229	353	306	113	459	227	313	289	345	88	155	237	114
6650196	281	332	330	152	251	482	186	520	454	133	235	223	382	150
6350204	75	60	70	73	73	65	79	70	69	78	77	65	78	51
1170605	452	352	277	736	201	355	139	461	99	180	171	237	185	218
670333	178	55	107	74	62	70	40	38	40	40	41	39	46	36
1410240	112	44	72	78	61	79	36	44	35	30	44	33	46	42
6370356	74	74	94	168	249	66	154	85	185	73	1042	1619	67	71
2510356	50	41	45	45	44	58	39	62	45	51	36	43	54	40
5270468	60	38	43	52	45	54	49	43	46	50	49	42	43	46
1030209	43	42	35	38	41	50	34	41	45	41	41	40	39	36
4200437	288	264	552	264	919	473	460	1578	447	394	352	651	449	279
830543	51	262	46	43	55	48	40	740	44	52	46	94	48	51
5690112	44	45	65	54	62	68	95	53	44	49	44	58	52	49
3360095	71	76	68	78	1211	89	91	318	71	114	88	92	67	102
7040678	47	43	48	45	50	51	50	45	8001	53	52	51	47	130
4200541	324	161	212	330	550	1003	365	144	166	398	192	399	277	354
2370646	46	43	95	50	68	55	51	50	214	232	46	41	70	43
5130100	42	37	38	49	46	82	46	45	40	39	43	62	39	39
1660243	49	54	36	52	39	37	45	41	44	43	38	1103	39	39
6220307	182	219	61	71	67	76	49	53	74	85	79	84	70	76
3460446	70	80	158	68	2425	71	86	73	83	80	65	119	83	73
2940403	879	953	682	977	706	938	1080	1677	697	369	574	1172	626	577
1580215	385	328	230	280	104	183	120	140	157	197	263	83	386	150
130463	2349	226	315	413	110	7679	64	65	80	225	53	163	4827	82
4120703	70	88	66	75	54	107	56	160	83	50	46	48	61	51
6980367	62	68	62	56	59	84	80	52	53	59	60	156	81	120
3180156	65	51	59	69	52	61	65	55	62	59	53	56	51	50
3780193	80	69	50	258	42	1701	36	47	2329	112	88	100	45	81
5130255	37	50	47	71	40	41	50	40	45	37	38	2727	931	138
2850703	50	55	95	130	57	54	60	61	67	63	61	6166	2046	299
7400072	63	64	94	88	70	59	64	66	77	71	72	4279	1658	232
7210240	74	60	78	92	73	64	67	69	79	62	66	3614	2322	84
5270619	323	306	173	393	158	968	120	172	205	431	187	351	210	412
2030451	45	39	40	1072	42	46	45	47	40	47	39	47	40	40
10504	48	54	54	48	49	52	47	50	72	692	46	44	52	51

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
2230008	40	42	96	56	38	41	41	45	39	38	44	8814	2580	1133
3180025	46	35	52	44	43	33	51	42	40	43	40	1541	276	131
2480228	73	67	1045	81	61	57	58	59	71	63	54	724	1318	74
6110022	100	70	655	73	81	72	64	74	68	72	79	432	877	71
4290014	706	491	615	440	504	501	290	1085	422	441	411	600	473	352
7550368	313	82	199	221	477	74	435	158	145	191	112	72	106	111
7000575	69	105	78	71	238	77	86	97	84	75	99	74	73	82
5700095	62	45	51	49	53	55	55	48	62	53	62	73	63	63
2570500	82	117	79	84	87	94	65	79	69	72	368	112	103	67
1660341	164	248	278	137	82	105	173	298	440	192	236	179	249	271
1400433	71	87	107	103	76	93	94	115	116	108	87	109	108	106
4610592	2315	1403	2301	1332	61	3028	5517	166	69	66	64	1132	5441	1177
3170204	55	41	46	315	47	40	292	447	48	41	41	50	40	73
6860154	44	56	84	42	37	36	123	45	42	47	46	6323	41	45
1260468	52	58	68	55	44	65	65	49	40	51	47	944	57	43
4780278	62	70	696	101	73	127	150	62	76	55	107	63	530	57
240053	85	134	97	103	55	159	993	81	74	107	65	65	214	94
4610520	2207	409	13350	1576	47	4838	89	560	51	49	46	2317	1713	90
3190167	45	51	37	39	43	48	41	41	46	47	46	61	47	44
5340730	64	55	61	58	73	56	61	75	72	72	59	64	58	53
940692	38	37	35	44	42	42	47	41	46	36	37	39	33	40
7320193	61	55	68	619	94	100	1413	46	51	71	59	69	57	54
6330477	82	54	238	17259	71	70	69	70	74	72	65	72	82	70
2340553	71	77	144	154	96	122	126	81	160	85	194	139	120	114
1660184	44	41	42	46	40	59	35	41	39	44	44	58	44	46
450368	78	75	1619	95	65	63	76	106	51	39	54	46	48	56
3830044	187	101	91	206	94	88	49	100	63	62	71	60	85	70
6290554	95	71	75	77	79	100	78	75	212	65	74	72	114	255
3830332	316	61	100	86	68	66	57	65	82	67	76	75	1510	71
1050414	83	79	72	92	85	104	87	97	724	425	156	194	125	272
780600	1730	915	394	2718	194	2367	1040	882	304	883	666	1516	1541	1101
7050333	56	90	84	70	60	111	77	72	72	63	71	77	85	82
4290465	151	74	56	69	123	2493	2961	51	48	50	48	56	5678	60
5720482	241	382	359	1190	1035	346	765	796	440	752	366	245	444	270
5260070	548	392	487	688	869	311	457	317	678	263	1309	1000	616	846
610201	891	942	445	259	157	1306	3121	279	2865	683	189	114	3288	86
5570279	367	339	435	450	219	174	6342	461	299	434	1472	336	208	240
290730	723	272	476	852	523	231	1733	1516	163	373	1554	686	154	188
6200669	334	180	469	383	250	125	1519	829	153	247	811	309	204	158
6290685	79	77	237	75	65	74	1613	170	102	217	88	97	68	68
6110630	2351	1556	2092	2125	1588	1391	11386	3625	1371	2595	5083	952	673	1551

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
5050402	310	243	468	336	307	270	4408	958	325	683	1473	243	149	285
2970019	66	58	117	109	113	74	1178	182	161	296	493	155	66	83
610451	422	474	553	1007	220	194	3843	1553	267	344	657	553	417	632
6100022	412	483	462	926	199	183	2749	1131	275	264	374	383	335	508
870301	358	808	311	550	79	210	55	125	78	71	81	735	112	150
5260091	48	55	59	52	56	50	69	66	65	55	56	51	68	51
3460608	58	73	59	61	62	64	68	64	70	90	155	72	67	51
6590131	61	68	71	68	69	97	76	103	69	69	66	515	226	461
2140196	70	69	74	70	96	74	69	61	76	69	62	62	68	62
990091	72	61	76	72	46	70	71	66	69	52	83	61	61	76
2260747	60	72	63	61	77	72	113	81	1373	1771	335	83	57	90
3170403	5467	56	67	57	64	59	74	62	83	74	63	61	77	60
5570711	158	240	118	345	57	294	58	193	222	96	78	114	150	304
4920131	50	43	53	40	63	38	79	47	41	33	42	40	52	50
3290368	46	40	231	53	77	37	76	44	43	40	45	6553	50	43
4120161	43	44	61	42	45	50	59	50	39	37	39	53	62	51
6200044	52	41	53	48	55	51	50	52	45	48	42	46	59	46
5420386	102	86	85	54	69	73	53	77	5557	62	57	61	60	95
1230538	49	62	46	50	51	51	641	42	48	48	57	44	49	60
380259	92	202	75	279	46	186	44	149	165	75	60	64	86	183
2140376	66	64	54	67	61	57	88	76	73	70	56	60	76	57
870626	92	77	94	80	79	76	83	76	68	72	121	89	76	88
4040474	57	60	54	67	96	138	4857	66	61	59	70	71	76	64
7200719	539	311	671	588	1056	645	463	1295	521	535	344	507	487	487
2100196	939	1460	1249	3204	538	714	1151	1907	661	2227	450	448	1104	500
2690224	276	424	449	443	614	601	264	523	274	514	316	385	430	338
730722	53	56	92	65	53	75	55	74	69	70	80	115	182	67
7610170	1029	627	259	575	226	17736	111	51	45	51	46	49	1069	74
6960563	79	169	44	67	46	57	43	39	43	47	44	44	37	46
7320349	96	91	166	119	82	81	106	88	89	91	148	103	101	104
6960739	78	66	79	71	71	78	81	68	75	103	75	74	77	68
5390435	47	47	39	47	48	46	127	45	91	66	46	49	48	42
4060192	124	105	100	116	86	70	120	221	66	59	69	79	70	76
6220309	80	64	80	56	77	71	165	83	68	70	84	123	75	77
5490711	48	46	46	45	42	61	265	45	47	40	49	52	43	44
4390291	72	83	77	59	76	66	73	79	75	107	73	73	66	72
2000274	41	48	38	42	43	40	45	43	38	38	50	39	41	43
6960259	65	72	76	62	69	76	81	92	78	118	70	67	75	53
3370544	58	63	58	105	58	64	71	791	55	55	58	898	84	59
3130711	56	69	73	76	64	71	1397	71	71	60	76	86	149	71
4810703	292	241	750	247	149	1101	119	197	66	73	84	788	304	163

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
6660671	126	131	312	105	92	385	74	124	43	48	59	371	156	87
1940193	91	106	120	146	78	487	134	86	83	79	80	127	78	152
990112	69	77	83	81	81	119	106	83	100	109	87	97	119	91
4810424	33	41	37	49	40	40	39	218	35	43	36	38	43	43
580292	58	58	76	51	59	62	3744	72	63	70	89	67	65	70
2320296	48	57	43	42	53	44	1665	46	44	42	51	59	46	167
3990739	162	141	106	89	93	108	67	99	76	56	66	83	205	125
2030259	43	42	37	47	50	38	387	754	37	42	36	38	40	37
5490040	56	65	55	77	106	71	163	322	90	63	60	55	70	65
6400703	146	97	160	201	96	140	100	153	81	76	126	91	343	100
1570184	56	56	48	63	73	82	75	52	41	56	53	77	64	78
3610730	171	151	260	96	63	116	55	85	56	179	87	56	48	103
7380392	70	84	135	85	208	58	119	156	58	53	88	102	73	134
5900273	74	84	102	90	77	77	72	79	75	93	75	77	70	83
1510075	44	42	46	42	42	48	48	41	45	42	42	43	43	49
6860634	55	43	46	53	44	45	105	46	45	48	58	42	45	49
6620259	117	104	122	88	76	77	415	101	67	73	157	468	76	111
540204	127	152	221	116	110	120	98	208	138	70	335	303	77	379
5080259	46	69	50	39	46	60	44	59	52	51	54	62	52	79
990086	64	118	51	52	174	47	515	206	48	46	49	42	49	50
3140259	45	56	54	66	103	84	63	65	50	42	45	75	51	69
2100189	234	150	188	236	253	249	214	209	363	372	410	243	180	216
4250246	472	431	828	756	1171	899	635	512	427	401	567	872	594	423
1980079	87	66	101	103	109	82	87	83	97	81	83	98	77	96
4850300	450	285	246	159	228	137	153	187	256	248	425	77	342	108
6520440	84	106	57	98	76	78	2883	322	72	48	434	45	63	215
4210561	504	218	230	257	229	166	159	201	285	243	408	154	357	203
510632	111	122	80	103	395	159	147	336	57	115	445	73	84	102
4050398	115	48	59	57	59	403	4435	47	49	49	51	44	49	52
5960524	77	56	56	68	57	64	65	72	70	66	57	63	81	67
460202	45	57	46	42	49	42	63	83	43	44	36	49	49	67
3780491	67	70	68	67	72	78	58	71	71	69	74	94	68	63
5290707	185	69	72	83	77	61	76	71	74	73	67	73	70	85
1450619	48	46	49	52	42	37	41	50	43	41	45	45	88	41
3190524	466	388	523	376	200	348	548	228	422	353	223	411	282	227
3840445	103	54	239	174	61	351	106	1830	65	50	56	61	49	6553
2060414	53	63	52	52	68	73	52	69	77	59	115	67	61	53
5860289	42	39	39	41	43	90	47	51	31	43	47	36	40	1246
430446	60	47	54	52	1440	53	41	94	42	51	41	46	46	52
7040142	79	112	182	126	82	193	72	100	111	135	233	164	306	158
3460685	97	155	331	234	68	374	57	150	151	225	347	241	598	363

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
5490358	51	60	48	51	50	182	70	48	46	44	48	48	749	61
4390100	341	235	949	220	45	920	120	396	42	40	45	58	73	2737
3140427	95	90	61	111	67	59	1060	93	88	56	67	57	69	70
4390398	2854	7821	14522	15315	108	1910	82	5919	122	112	94	293	124	878
520465	37	46	41	44	41	46	47	43	42	39	46	42	963	44
1570148	40	35	38	46	43	41	40	40	35	44	44	47	40	42
5860528	1711	356	77	90	84	80	90	81	57	59	54	62	405	64
3180615	85	82	70	129	73	60	69	1771	57	77	61	94	61	87
6840209	6055	3020	3981	2212	62	9952	594	51	47	39	62	49	62	65
3710161	70	80	61	77	64	62	61	74	79	65	66	67	66	88
1470168	40	48	47	48	58	44	197	45	45	45	59	41	42	37
2900343	37	40	39	38	38	29	34	32	40	42	38	35	38	39
6420450	686	271	474	1018	236	774	314	294	265	423	278	420	271	263
4220482	46	57	101	53	46	42	48	116	45	46	39	49	51	48
5260672	88	88	253	9116	85	72	76	86	81	84	74	74	76	79
6980632	457	278	305	221	356	293	131	272	168	99	71	106	65	261
6660687	101	95	127	137	113	102	104	421	95	86	154	86	116	96
2690438	69	77	60	78	87	84	74	74	72	87	78	68	68	79
5270551	116	138	126	71	96	100	90	227	140	60	100	72	103	76
240343	57	55	54	61	59	54	99	111	50	49	64	52	53	64
1240408	67	91	86	85	68	68	99	106	97	66	65	86	84	76
4480528	149	436	311	294	111	163	298	465	383	145	113	220	202	331
240386	145	134	184	240	114	109	433	126	264	385	184	152	133	84
3780767	1044	297	252	295	83	77	99	186	186	237	296	73	1281	80
6620373	105	95	165	181	91	85	272	96	199	361	102	84	87	83
3930669	106	64	2433	7127	57	77	45	60	66	60	74	60	80	41
5490307	56	58	124	58	77	70	64	58	111	195	71	72	59	57
3060187	148	290	279	1474	533	350	1323	739	156	84	515	493	90	365
2490132	70	63	495	70	59	128	56	64	354	195	58	407	67	86
4150685	153	87	99	95	81	112	89	107	95	120	122	97	85	85
2260037	544	523	229	779	136	502	299	231	74	84	79	92	927	103
1260064	484	695	234	362	160	167	330	372	142	141	310	265	1685	148
1660220	174	134	260	107	238	129	136	259	177	293	221	133	108	143
6400484	54	63	65	58	77	51	67	58	74	74	103	77	62	74
4850189	46	53	52	52	123	45	53	65	44	51	47	55	51	56
4760196	64	66	60	66	60	52	67	68	68	74	73	65	61	65
670670	48	65	49	48	60	52	41	43	46	45	59	42	50	47
6370008	71	82	73	60	69	63	105	59	63	64	65	64	56	64
4490594	8506	10440	7608	11546	9689	8997	12323	6963	6444	9086	7747	7561	9820	12506
2970152	67	60	100	70	65	73	56	73	57	66	82	57	52	141
1820288	124	202	293	124	71	93	140	484	371	186	154	162	176	172

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
3360327	85	75	67	82	84	94	102	113	125	80	81	82	80	87
4480762	68	100	71	65	75	63	66	76	69	74	71	73	68	73
4280093	175	263	281	206	303	144	248	260	362	194	245	178	237	359
3850367	184	233	293	166	94	134	190	889	337	217	116	228	176	316
110333	59	106	118	233	106	56	114	163	56	162	63	167	95	113
3610520	167	111	95	94	85	94	98	81	74	97	71	65	78	87
2710121	89	73	77	84	96	86	67	96	104	76	112	73	82	84
5670372	270	244	174	435	74	1627	91	171	149	378	170	287	160	202
670066	62	59	59	65	53	49	61	63	1462	60	58	51	65	66
2360739	55	86	80	42	53	118	42	69	69	62	71	236	54	44
380519	108	208	328	138	97	91	135	428	377	153	126	173	216	184
4040113	136	85	85	68	72	80	70	66	411	69	74	63	328	85
6130152	1223	572	257	184	82	140	167	82	92	72	84	380	217	138
5960328	8216	4596	142	2965	79	4270	3756	75	102	72	88	81	122	84
4590332	80	79	80	75	92	64	65	69	88	81	76	62	70	59
4780754	70	75	74	55	66	66	64	56	64	59	45	57	55	57
2120189	55	58	63	63	76	82	103	79	60	54	55	64	73	47
1410747	66	59	71	67	909	64	72	73	68	79	56	67	61	70
5820746	75	86	76	90	84	79	71	85	74	102	61	86	92	83
6020242	94	115	116	94	68	71	85	58	68	59	56	68	82	61
6580088	170	129	141	1608	301	194	731	866	278	111	364	346	86	208
580445	398	1816	2460	457	68	706	75	845	1020	2223	3040	10720	291	599
6400414	85	77	121	95	80	80	86	119	134	73	168	128	57	82
5870653	58	53	47	57	52	82	51	95	57	61	69	59	59	4270
5560707	62	70	58	73	60	94	63	601	77	74	58	73	70	68
6290450	49	55	56	55	57	90	43	47	74	70	62	88	58	65
4760673	65	63	63	67	64	73	6585	64	61	60	55	58	71	55
6770706	48	50	58	64	62	56	53	57	56	60	54	52	51	66
6180546	69	57	60	54	59	55	50	56	64	59	51	49	59	50
4390386	65	83	81	81	70	84	73	69	104	540	87	76	76	170
6350091	49	48	58	49	55	44	51	49	58	60	64	65	53	55
1570286	74	73	66	64	85	69	74	67	69	71	75	64	64	58
1510519	57	72	70	61	77	75	75	80	81	93	70	70	68	76
60546	53	49	68	69	57	63	71	59	57	67	63	53	79	65
5700360	66	68	104	80	64	71	75	76	80	59	75	87	183	74
5420324	63	70	109	66	73	84	91	75	70	84	59	67	69	59
50291	87	77	72	66	66	66	53	61	80	61	67	76	67	60
2340088	53	53	67	54	55	65	58	56	56	62	47	50	48	54
6840278	61	57	68	71	51	59	61	56	60	61	56	57	51	71
2060372	304	241	221	346	1035	380	2386	259	306	248	517	377	486	253
5720491	307	201	238	256	397	217	235	317	179	103	212	340	263	335

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
6770746	134	141	124	261	127	214	303	114	327	2284	3689	195	154	171
5670280	461	383	814	955	598	568	760	1379	346	427	377	782	1159	740
5080138	200	91	92	103	65	1617	73	682	674	103	62	566	322	76
4760192	74	71	77	64	51	77	75	75	75	71	68	72	65	332
2650056	90	71	83	85	82	78	95	882	1131	366	158	73	86	123
1850168	60	71	66	66	61	54	73	166	135	81	92	71	63	74
6770441	73	75	79	63	57	75	71	66	3816	75	91	74	67	74
3060703	108	96	79	110	100	95	355	92	81	86	59	72	79	65
2810504	158	163	150	188	175	86	120	95	62	258	184	73	139	144
3170431	147	121	163	267	409	547	175	1188	140	397	210	205	359	315
6660162	271	236	636	123	235	112	71	398	74	76	85	163	187	163
7150324	93	85	80	173	74	1294	97	89	120	110	84	183	112	142
2810687	348	245	270	318	217	191	298	222	215	246	394	210	844	209
4490544	1115	1369	53	42	43	48	47	55	41	42	41	38	38	49
3990561	107	100	79	92	82	72	162	84	134	95	77	123	102	641
240220	253	90	152	85	64	227	77	61	62	141	55	1374	604	273
6370754	39	41	42	42	42	39	52	43	457	44	57	46	45	49
3140349	64	53	70	55	61	70	52	69	58	73	61	67	629	64
5910612	67	75	109	55	74	74	69	107	127	56	68	58	65	321
4200722	53	46	52	44	34	42	41	43	1463	116	44	43	758	41
6660368	61	56	61	104	47	304	55	118	60	102	69	76	53	75
4590477	166	191	190	417	71	1389	88	318	207	468	238	307	138	238
1400142	63	66	58	67	44	67	63	81	64	68	63	70	61	72
270470	61	77	71	59	63	52	49	57	59	75	52	81	57	67
6900170	43	45	37	39	38	40	41	44	45	52	36	45	39	43
3170450	141	117	113	161	124	119	140	135	64	109	111	88	115	112
1450446	53	51	47	55	54	52	63	64	48	56	57	100	63	64
5670709	88	101	71	103	90	93	98	77	101	99	126	104	98	109
6770408	415	488	308	250	105	263	503	687	174	126	202	92	257	186
6290494	456	505	908	388	238	376	872	391	492	654	572	253	250	270
6020170	962	941	942	490	399	575	1167	1109	834	875	399	516	1279	511
5490068	179	130	127	241	101	642	77	149	492	550	214	184	107	356
4540414	436	922	228	236	171	217	300	112	224	217	212	174	276	207
3780437	43	39	38	63	37	42	42	35	39	45	41	33	123	41
3520338	86	96	233	64	73	89	242	278	52	46	48	74	150	56
770682	190	491	299	295	112	697	80	224	234	241	349	1352	161	202
7330367	55	66	80	66	69	66	58	58	3187	5246	6102	53	71	69
2370632	1165	699	344	258	258	394	274	1521	89	156	255	1940	268	814
4760626	504	825	953	58	45	276	45	84	409	52	43	339	647	543
3180528	365	956	441	388	41	1972	349	326	231	2737	129	2053	1669	1427
1230228	696	370	119	749	123	477	72	3535	156	81	66	99	67	225

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
4150598	47	44	73	47	39	40	42	45	39	46	47	37	44	44
3060273	50	50	46	41	46	47	84	97	47	53	48	397	44	46
7200601	1935	1495	6277	2457	3421	1970	941	1663	71	71	66	210	84	4295
7650026	4748	3804	12815	5698	6886	4847	2569	3894	188	169	163	611	211	8478
1850315	2241	724	78	81	104	76	84	75	73	61	75	65	100	60
2490070	59	64	63	80	73	51	75	585	52	76	79	63	61	72
1300240	371	126	6323	5919	81	2583	73	69	71	80	106	84	91	80
6980762	95	48	41	47	18221	55	87	51	42	45	47	51	50	49
7380670	2420	1154	710	631	933	335	1129	98	126	104	72	96	103	111
5340220	47	39	38	38	36	41	38	48	39	44	49	39	38	68
6100360	165	204	301	248	51	211	37	71	393	48	47	310	67	51
3990577	58	58	68	77	57	55	62	53	63	50	67	69	737	65
1710692	53	52	49	49	52	62	62	47	48	42	101	52	60	58
1450468	63	58	50	51	65	57	77	68	70	56	60	60	59	65
6250040	270	276	367	324	298	343	276	974	292	330	235	243	370	323
5890170	42	58	46	44	40	40	44	50	42	43	42	49	52	44
2100296	91	80	68	104	80	204	80	65	81	93	77	325	78	8322
3180681	72	81	74	88	47	638	56	77	117	399	72	93	81	92
7650538	134	154	194	194	90	1055	101	206	289	844	216	387	355	198
4060438	83	167	244	164	97	127	278	2404	119	104	78	4131	200	365
1660767	49	42	55	50	47	60	44	48	44	48	56	74	44	52
1570309	126	93	124	95	67	87	99	99	104	89	63	80	89	66
4610669	189	179	154	251	93	115	160	150	141	81	74	74	134	79
1990731	65	65	71	79	65	66	75	86	197	5258	56	353	60	84
7610441	81	82	73	88	114	91	6811	67	499	75	81	68	111	69
5670129	49	74	47	48	39	66	47	73	46	54	46	56	45	65
7050220	293	64	229	268	79	80	54	245	63	48	71	87	76	79
3140131	43	49	45	54	37	54	43	43	47	44	49	56	49	38
4880138	63	43	55	65	43	49	42	48	41	41	37	43	47	37
5340458	123	175	100	98	97	146	95	146	237	164	164	114	152	104
580181	69	94	73	75	83	89	83	95	101	91	93	105	92	76
3940520	1122	1271	1093	1772	638	1227	1986	713	1322	545	761	859	2407	529
4220326	78	55	78	73	71	314	47	74	58	74	69	68	1243	73
2320215	186	204	103	132	101	251	276	93	227	126	85	114	108	90
7100541	174	133	250	127	75	134	211	127	68	80	70	163	232	92
3360707	47	44	40	45	50	46	47	831	47	42	48	44	45	41
3450286	67	65	64	64	302	58	71	765	61	50	65	63	58	60
840494	38	38	44	39	33	39	39	42	45	38	42	32	38	37
6770131	17653	11123	4295	4263	54	1223	42	42	44	44	50	130	67	76
4610333	2101	741	303	176	65	94	47	67	65	74	53	60	61	61
6350192	103	62	1074	104	166	131	1736	72	70	68	77	473	182	75

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
110189	56	62	633	59	116	88	944	65	69	57	65	196	105	50
2480431	61	46	686	63	127	89	1056	61	59	57	59	198	93	65
450020	64	83	70	133	62	54	54	66	69	59	60	67	68	409
620202	73	74	87	76	72	70	69	69	92	110	79	116	77	83
3930379	146	101	88	281	188	184	102	127	136	216	191	146	188	121
7100431	137	128	106	257	83	926	81	120	135	183	123	214	115	145
5490301	914	466	925	666	330	320	1423	650	1574	440	505	395	611	320
3890601	68	73	74	68	75	70	61	111	69	79	58	73	74	305
1240195	40	34	78	40	41	41	41	41	445	37	41	37	46	39
4850528	70	64	117	66	63	66	70	46	579	68	75	73	66	63
2650075	43	47	67	48	44	64	41	41	148	169	46	42	47	51
5900608	61	75	111	82	74	74	72	76	233	223	74	67	83	74
20112	49	47	46	52	50	47	53	48	49	42	60	41	46	47
2900064	66	67	59	57	58	61	58	120	62	65	71	70	57	62
4850070	49	46	48	55	49	46	48	453	48	47	51	504	61	46
1090451	84	80	80	146	77	66	67	607	66	104	84	533	72	78
3420554	102	153	374	141	53	113	398	162	716	217	111	67	205	66
2970370	250	442	160	302	89	249	216	127	77	99	106	1087	248	697
7570753	55	75	243	61	215	64	47	590	283	235	52	62	124	126
6290008	52	67	50	52	92	64	104	54	167	58	64	56	103	87
1510014	555	427	515	491	686	327	1319	232	259	241	284	615	536	356
7200609	74	61	85	75	73	341	80	69	82	70	85	99	75	93
520176	47	49	46	54	41	185	40	42	51	47	49	42	48	44
4210678	84	151	288	81	87	76	1501	135	118	103	113	67	79	129
7040019	38	44	38	37	41	41	39	46	39	43	41	44	39	38
110347	217	197	154	88	129	145	153	134	571	208	103	219	234	172
4120427	386	498	377	171	52	500	625	47	39	63	52	58	135	59
1260762	85	77	1152	17903	74	69	63	125	70	76	51	78	59	62
1510332	88	75	530	13199	63	80	82	119	66	59	79	68	63	71
3140373	40	47	81	2362	60	41	42	40	40	44	44	42	37	48
1580437	61	49	1423	17814	35	49	34	126	42	45	37	39	38	47
770739	86	76	3399	16716	94	76	63	81	75	65	84	146	83	382
1050168	5416	777	6535	123	37	624	40	902	50	48	55	48	2556	170
3310093	187	324	174	269	224	177	299	126	258	177	252	218	278	197
1570039	807	436	486	669	946	596	596	311	323	362	788	746	769	541
6200168	260	450	349	332	102	779	275	265	333	379	340	1408	290	299
4010519	42	49	54	47	1623	68	56	49	49	53	46	78	61	44
2480424	158	212	200	555	92	1689	4899	218	279	360	223	579	184	394
3850064	187	201	287	302	168	241	378	479	210	208	216	152	238	162
3450332	53	58	61	48	56	58	57	52	51	50	65	60	56	50
4780139	64	62	58	79	71	58	66	60	1156	1271	398	61	67	53

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
6330187	1025	1070	751	686	112	1121	1324	274	94	62	51	76	754	160
6840739	317	434	266	255	89	368	433	146	93	86	74	80	338	101
6420687	54	60	57	68	74	61	75	65	69	87	87	68	71	68
7150132	522	379	551	654	462	700	1294	820	342	223	650	404	435	517
5810253	387	515	321	221	221	231	676	196	273	253	154	168	367	146
2710452	63	81	72	145	48	552	42	55	60	62	92	224	515	66
7400598	76	67	90	79	66	74	276	84	91	80	82	68	71	80
770615	48	66	47	45	39	44	46	42	38	44	40	45	39	44
290136	68	85	74	65	51	52	52	61	51	56	48	70	49	60
6450746	46	66	52	46	46	50	46	39	46	48	44	63	45	47
4250626	321	484	414	290	144	184	85	213	330	105	205	141	263	96
5390474	49	66	37	45	52	37	42	58	47	45	50	91	50	68
4480301	64	61	224	49	251	70	74	832	970	1204	2559	190	244	94
2690519	62	47	125	47	128	54	72	406	493	661	1400	105	131	58
2260615	743	485	604	521	855	709	609	1343	357	517	435	703	428	612
4780373	67	63	304	108	63	82	74	540	81	66	73	72	311	70
6330593	61	68	56	68	128	156	172	75	115	53	135	143	80	200
940646	58	52	66	56	78	76	74	61	67	77	85	71	76	75
6900414	71	85	77	81	149	91	96	63	86	72	78	3568	82	760
6400465	446	404	258	499	131	1340	333	289	155	601	123	287	283	338
3850603	91	75	73	81	72	73	87	82	61	66	89	69	78	86
2350132	229	76	61	53	76	105	50	90	58	63	52	149	253	57
130754	54	52	50	50	47	46	41	42	186	143	56	679	44	65
1510291	1008	1082	1238	1732	210	780	1905	2020	1495	2374	1106	440	1851	677
5960224	325	470	443	710	89	274	717	932	788	936	394	147	605	254
5490689	64	55	65	62	316	115	68	183	49	65	47	9363	68	62
6400603	67	70	59	124	45	448	33	68	66	140	95	71	56	81
1410603	281	303	663	589	276	315	485	1202	204	316	183	355	806	433
2760239	52	56	42	74	47	117	361	67	57	59	55	102	59	94
450132	239	227	228	243	283	250	400	283	326	230	298	324	288	221
3420372	83	62	76	293	108	161	572	290	58	68	130	62	70	66
1300187	337	166	291	319	125	215	150	118	222	282	252	284	216	198
3610170	2032	6984	1274	3431	82	169	71	130	56	64	74	56	19815	79
6350475	1014	5624	69	90	74	58	60	71	83	73	69	59	1128	79
6590438	1222	197	10687	1570	39	19401	67	44	43	45	49	47	9210	41
1260722	52	58	60	50	74	3399	56	55	49	56	52	49	80	49
4010592	56	69	61	56	56	56	69	66	67	57	71	65	66	63
7160739	70	73	61	51	61	66	60	53	54	66	54	67	61	44
2650370	580	660	656	1380	822	1765	603	897	498	800	609	746	616	647
2570220	694	631	417	1213	241	125	308	154	210	189	221	232	351	186
3930372	66	56	55	62	64	60	59	65	52	79	61	99	85	57

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
7560497	42	43	41	49	52	54	2460	47	44	58	50	45	45	102
1510424	2920	3436	10860	5662	334	2510	45	68	44	46	34	43	4568	94
130338	49	56	56	42	53	57	47	51	57	47	62	57	54	55
1690563	87	515	240	187	45	287	51	54	61	57	54	73	65	227
4050291	40	51	47	49	39	44	43	39	38	51	40	40	38	46
3710022	51	93	74	118	56	74	50	45	42	58	41	52	48	79
2350482	72	57	67	81	73	60	59	63	61	56	58	69	59	65
5050270	321	106	182	158	57	81	472	83	329	84	258	62	424	123
3850767	384	90	534	141	288	121	826	266	64	190	69	60	95	126
4900520	127	156	122	156	290	169	3109	555	419	521	96	128	195	192
5260343	85	119	109	308	436	277	3059	134	51	45	69	267	311	357
520370	71	63	59	68	17415	67	68	272	65	72	198	86	61	79
6840154	134	66	56	213	2985	40	496	1144	47	46	34	410	76	51
3130706	61	68	67	68	19815	78	87	62	59	79	92	81	79	78
3990278	58	36	45	47	55	45	3117	38	44	45	52	67	72	40
4890021	52	53	58	53	86	63	92	55	956	572	647	55	40	65
5720379	92	68	88	64	2788	71	82	80	69	92	90	88	63	71
5700441	51	41	44	45	1573	39	45	48	48	46	59	48	44	46
6770333	49	62	119	55	51	96	74	60	47	65	49	583	51	640
1050563	42	39	52	44	48	50	38	49	48	45	49	51	93	49
830095	49	50	48	46	48	41	125	39	40	51	38	39	41	47
450246	71	69	64	71	51	66	67	77	64	63	62	1120	88	8506
2970112	84	77	95	82	78	72	75	86	106	91	97	227	81	1704
1710356	65	61	63	61	45	61	70	72	54	72	60	333	55	7536
510561	54	46	51	47	51	52	42	44	46	45	89	260	42	3546
5670082	53	54	48	46	73	55	54	51	47	49	54	51	58	50
730093	106	120	52	41	37	63	38	37	38	45	39	44	361	45
730148	74	107	81	69	80	78	76	105	17814	11592	16651	69	81	68
4220053	214	191	82	216	54	505	696	216	70	122	70	148	85	111
270301	52	56	78	76	79	48	59	67	56	76	64	61	61	63
2070372	98	67	84	75	74	61	117	81	70	75	77	74	60	69
1580653	65	82	90	91	86	85	66	81	88	99	69	79	77	84
10066	49	52	50	48	54	45	62	52	47	49	47	56	47	46
3120286	51	53	55	53	57	74	56	52	57	53	55	58	63	53
6480450	36	46	40	46	47	71	46	47	52	57	42	41	46	57
6650152	61	51	61	53	60	55	62	68	70	75	68	59	66	58
2570672	6569	4661	44	726	90	49	47	45	42	43	48	39	962	50
4670138	212	213	67	134	39	132	598	141	45	48	46	111	401	75
20609	314	205	328	224	88	120	167	203	48	82	135	131	65	81
4480390	1010	131	46	73	35	226	632	118	43	38	34	41	42	41
7380152	201	404	366	342	322	309	489	218	621	560	347	667	573	274

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
2810762	60	76	60	65	51	57	86	62	3563	108	635	64	58	69
1740692	72	76	71	61	82	65	83	52	1522	88	282	74	75	59
2450452	963	842	1256	651	1328	638	622	912	391	435	1074	837	1297	497
4850576	68	50	49	38	47	40	40	40	47	41	39	45	40	55
510133	244	246	214	370	802	410	2404	268	245	225	546	421	457	278
2640598	81	64	78	81	70	67	135	53	64	71	74	66	54	70
6330730	92	109	87	91	443	106	460	442	1208	308	1297	533	195	870
4560228	59	60	78	72	59	73	71	69	57	66	61	62	66	76
4610201	142	117	101	124	89	98	94	84	111	115	79	76	89	103
6510156	135	98	64	85	70	109	182	68	59	58	77	132	164	78
5390767	74	68	53	62	55	60	71	64	53	63	50	60	61	59
5490465	66	67	67	64	76	71	77	75	64	61	63	71	85	64
6960438	77	57	84	83	99	94	94	105	63	85	71	84	139	74
4060025	79	77	85	75	66	67	77	77	112	69	68	68	74	73
4850711	150	88	126	169	78	100	90	157	89	96	138	100	121	88
3990497	404	300	557	339	244	292	250	332	272	287	368	397	360	409
4200711	90	80	90	81	80	74	92	103	86	74	66	75	208	71
3180647	96	88	100	117	81	92	109	87	163	94	147	73	140	86
1090196	52	69	49	46	51	65	69	56	72	54	56	56	59	50
5260280	199	127	148	136	96	96	126	106	110	90	112	77	249	123
6290091	295	191	332	406	208	188	194	434	156	227	275	360	229	236
2710687	54	76	63	65	86	49	86	71	59	59	77	70	71	67
6270731	71	67	62	75	68	69	83	62	55	67	65	55	105	70
3840091	173	88	94	177	95	76	116	84	113	97	136	94	163	85
2510164	18061	11015	528	8322	111	131	412	1446	852	427	5759	739	14311	679
580161	10302	5789	349	4200	97	92	152	898	438	267	4505	358	8299	398
380685	16513	14631	574	7561	131	127	362	1360	970	629	6086	661	10650	768
4210044	175	80	106	149	60	78	113	79	72	88	118	73	144	58
2450020	374	231	110	289	78	73	136	92	68	66	85	68	187	74
20543	85	69	61	81	64	61	84	80	69	59	114	67	100	51
4390044	54	63	56	71	48	59	55	58	57	51	52	72	72	50
3870156	65	75	85	62	62	70	85	62	78	82	52	61	99	57
1850273	140	112	128	168	83	124	83	97	106	109	124	83	107	106
3310037	43	51	49	52	46	56	45	50	56	41	55	48	42	43
3370736	1342	753	887	334	759	391	505	585	412	736	505	414	361	661
5310368	1579	416	2244	523	45	14853	42	49	46	50	45	47	55	48
160433	46	40	46	40	46	49	41	38	45	47	47	43	48	45
2070735	256	215	282	334	448	391	428	402	244	479	560	427	387	296
3710711	799	588	679	877	817	821	538	559	453	841	1180	708	724	784
6860138	61	66	64	60	57	51	46	57	73	59	56	50	61	64
5340692	263	277	196	167	135	321	324	216	204	70	105	101	115	115

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
270347	306	186	288	309	178	213	163	367	133	235	164	122	163	164
2690577	45	54	50	106	157	63	157	57	55	50	64	49	50	58
870475	84	76	92	162	140	74	149	67	83	81	76	74	88	70
540014	64	62	48	60	68	52	67	76	66	57	68	64	63	65
6040433	43	48	36	47	57	82	302	53	43	54	54	41	91	51
4810730	450	606	495	461	58	846	3104	170	78	63	60	4469	86	68
3180639	53	55	38	49	60	44	4138	36	35	36	46	39	43	36
60017	72	60	70	61	68	66	63	59	99	65	67	62	61	60
3520768	58	62	44	70	46	52	832	40	42	40	41	41	42	63
4280192	77	70	78	102	71	87	70	80	84	63	64	83	63	95
770255	61	85	61	77	88	96	103	80	108	74	103	71	65	64
1770603	64	50	2354	123	39	1078	42	42	250	63	67	158	98	43
1410192	76	80	69	68	55	60	67	66	74	76	63	68	82	66
1230672	506	109	9432	6231	3880	6640	69	48	50	40	50	206	8422	43
4040632	86	59	10938	7821	64	14416	52	64	59	59	115	65	199	70
4730376	44	45	40	44	44	45	36	41	44	44	39	45	36	47
4900634	61	50	1209	509	47	2989	82	169	46	48	153	37	57	41
4290209	518	309	461	400	167	421	97	571	521	430	358	174	189	367
940674	110	86	61	65	91	88	63	56	40	42	57	55	75	64
3360762	82	123	92	77	89	109	85	125	83	146	69	141	227	104
6180750	58	102	36	45	43	39	41	41	37	40	40	40	38	38
2320168	48	51	43	51	46	64	54	47	47	47	52	49	47	174
6980470	116	142	1058	444	508	136	57	1315	39	44	50	72	126	83
2640301	77	115	56	50	51	119	50	195	52	98	55	67	67	58
6100484	75	57	55	69	57	83	55	74	59	67	72	65	78	72
6060376	83	73	88	88	71	70	104	995	626	458	85	71	63	129
2570161	433	440	462	258	160	526	1222	241	380	137	85	165	925	153
990441	48	48	46	46	50	46	48	44	50	45	50	45	53	51
4730564	113	107	205	116	162	122	168	230	231	160	117	155	118	147
4890092	248	220	181	199	111	125	127	190	93	138	95	92	113	96
430300	62	69	76	66	55	51	55	61	63	63	59	71	60	58
3850326	38	44	47	48	44	40	42	46	44	42	41	43	51	43
2030709	73	65	80	69	62	86	340	82	100	158	66	170	65	90
5260253	40	41	42	44	41	43	43	44	1444	7584	4899	46	42	45
6040731	43	42	46	73	44	34	50	65	6905	41	510	39	40	54
6420605	1215	4496	287	2805	74	1322	231	394	255	1094	298	593	401	390
4250367	301	105	154	85	70	81	91	109	67	70	74	134	199	76
3930086	1107	643	1018	1017	766	612	1098	906	921	722	735	512	866	660
6580059	196	388	299	265	568	1878	988	413	273	731	170	647	493	616
1070088	86	66	66	87	63	109	62	69	61	53	68	233	269	54
6370703	62	45	57	53	42	67	39	43	43	38	37	981	104	47

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
6860392	113	94	121	133	56	304	69	148	159	64	87	130	1065	66
2190408	42	50	52	53	82	46	51	48	94	60	54	56	51	53
3390215	55	52	67	56	63	51	68	55	57	70	57	61	63	45
7000619	93	87	86	97	107	184	61	157	94	165	74	114	100	134
5420189	50	52	53	50	54	53	90	159	120	52	67	44	64	64
5570181	67	67	63	47	69	62	84	179	161	73	88	52	85	61
5810730	35	50	32	39	39	42	44	48	61	50	35	37	39	35
5900228	84	49	83	47	55	50	58	74	245	104	124	66	70	56
5360601	85	97	103	73	81	78	102	226	158	105	85	75	97	90
7610524	58	64	68	56	48	58	50	64	154	73	52	63	75	73
2850619	196	155	96	91	72	62	674	86	6697	250	110	115	79	68
3130372	132	182	54	98	45	51	52	47	52	45	54	55	54	55
5910414	40	41	36	56	37	40	53	41	41	43	50	44	50	47
5870091	74	38	61	55	56	57	56	53	68	56	75	47	65	62
1090008	39	44	66	37	41	63	588	38	61	41	39	154	41	41
70451	323	348	409	702	173	2379	137	278	532	1160	293	660	509	886
3710026	57	54	50	67	43	48	79	44	59	51	52	42	61	45
4260286	92	81	87	79	94	88	96	76	87	82	113	96	69	169
2810451	56	48	1592	710	36	734	64	551	46	49	46	1302	1008	135
5700431	325	185	274	170	224	108	297	105	175	176	155	114	159	133
1240746	68	170	58	61	49	76	79	72	70	74	58	87	62	89
2710343	92	57	51	200	57	86	54	190	42	65	57	49	41	209
6840202	78	78	52	66	139	59	62	74	61	58	122	69	85	72
6940431	76	79	51	54	59	81	189	70	53	51	51	93	61	133
4490743	68	56	51	68	68	55	45	52	158	1594	59	61	53	253
4810632	65	55	66	63	58	59	48	52	149	1335	56	55	60	287
5220753	65	73	61	79	67	85	45	56	175	1181	59	73	63	300
6200091	57	71	66	61	52	61	48	61	83	174	71	57	64	76
2690279	39	51	49	55	96	58	69	49	42	43	45	51	57	46
6590523	351	398	235	214	101	133	155	157	118	117	63	194	89	81
670414	52	57	45	50	58	50	49	57	48	57	64	58	54	56
4490288	40	46	48	47	37	41	52	46	51	54	43	38	44	46
6580717	73	117	132	134	97	195	90	220	82	297	75	82	259	202
5560411	197	189	146	173	154	210	146	272	161	210	173	122	169	185
1170154	145	128	105	86	136	126	128	139	132	189	117	123	168	97
3290152	157	136	113	88	128	109	114	95	87	154	108	76	159	87
3310592	1644	4125	2688	4558	3568	4550	5222	2330	2150	3223	3178	3288	3637	5950
3450750	3415	7702	5428	7702	7043	7798	9525	4827	3596	6007	5307	6678	7359	11199
3400070	257	219	292	194	214	189	135	390	222	232	414	125	382	222
20603	514	315	232	582	344	407	571	292	360	207	238	408	329	415
6580113	53	51	70	58	62	59	63	70	83	67	72	59	205	68

ProbeID	[[217], MP Rectum primary tumor, MBA_2218	[[218], MP2 Rectum primary tumor, MBA_2204	[[219], MP Stomach primary tumor, MBA_2220	[[220], MP2 Stomach primary tumor, MBA_2206	[[221], Breast Adenocarcinoma of breast metastatic, MBA_2254	[[222], Colon Adenocarcinoma of colon metastatic, MBA_2260	[[223], Cervix Adenocarcinoma metastatic consistent with cervical primary, MBA_2262	[[224], Ovary Adenocarcinoma of ovary serous metastatic, MBA_2248	[[225], Skin Malignant melanoma metastatic, MBA_2231	[[226], Skin Malignant melanoma metastatic rep2, MBA_2232	[[227], Eye Malignant melanoma metastatic, MBA_2233	[[228], Kidney Carcinoma of kidney renal cell metastatic, MBA_2242	[[229], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction metastatic, MBA_2250	[[230], Neck Carcinoma of neck squamous cell metastatic, MBA_2266
5870008	167	249	137	613	65	1097	69	175	276	540	239	362	120	219
7050201	72	74	75	61	67	214	72	153	64	54	65	94	72	73
150735	53	47	54	62	55	42	86	55	50	77	57	54	61	75
510066	59	67	64	63	69	67	64	53	59	76	71	93	68	72
1470162	75	62	69	67	79	73	77	69	72	71	69	82	73	70
3520168	3768	1859	113	12770	128	151	4963	358	21428	508	122	139	275	1027
1980538	82	76	81	74	62	73	55	55	62	76	70	65	67	67
5820026	278	152	291	190	70	269	78	205	63	190	67	80	158	107

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
4850086	40	42	51	1797	40	264	41	48	87	41	46	52	88	116
6110592	194	197	62	143	117	135	177	58	50	69	145	59	44	36
3190082	54	67	70	53	56	44	48	50	53	57	48	58	51	56
1450100	49	48	50	56	40	51	47	46	42	49	43	249	70	60
5490382	42	40	48	2811	45	48	61	40	47	41	49	54	45	40
3520709	4719	85	75	74	100	80	61	386	79	126	82	82	93	65
3120681	39	44	41	1427	42	42	45	36	35	50	42	47	45	41
2030161	66	57	59	81	75	64	62	61	77	77	74	57	64	65
270709	76	67	81	1614	68	74	73	57	64	72	73	77	64	70
2320377	41	39	45	3921	42	42	36	42	36	46	38	45	50	42
1260270	100	92	390	70	93	100	189	351	3121	467	295	212	86	130
2760274	1813	44	42	54	43	47	53	155	47	968	55	46	47	52
2650736	41	46	69	745	53	52	112	45	41	41	50	83	44	45
5910010	105	71	88	19973	2607	92	69	119	79	101	71	125	77	72
5310524	193	113	137	179	114	132	102	92	95	134	150	126	274	161
3780156	49	54	112	126	69	46	40	60	59	44	42	85	55	61
1050561	70	73	76	2256	82	69	71	67	79	89	60	69	72	72
2480040	45	41	36	51	43	42	40	170	40	46	58	53	46	37
5910309	41	38	55	41	44	16164	50	41	32	42	36	40	44	38
5810050	707	141	102	243	90	236	129	68	91	81	127	320	150	76
1030184	42	53	40	483	52	41	115	50	68	47	171	118	51	46
3460279	51	52	44	3013	60	51	46	40	43	43	54	54	47	47
4570364	90	68	69	12412	105	68	93	65	74	81	64	79	81	86
6380020	97	72	73	15141	89	64	66	68	72	74	86	71	61	71
3780468	69	59	63	73	61	72	86	58	57	65	60	54	67	63
240541	51	54	49	4131	45	46	99	53	50	46	43	59	48	52
2630010	57	61	66	4878	65	63	51	64	64	64	57	47	59	68
1740669	37	32	35	4787	147	42	33	40	58	33	33	54	37	31
2340577	38	51	54	190	53	44	45	41	53	49	46	45	44	40
1850521	61	62	58	54	66	56	55	62	61	61	68	49	68	79
2650594	60	82	275	46	93	55	109	49	162	70	191	103	48	52
130110	220	85	65	73	826	42	53	40	61	45	100	71	50	41
4830376	46	43	54	129	114	255	55	51	52	53	43	46	53	58
7200435	550	90	185	58	753	244	1337	173	79	350	2096	1952	164	243
6290239	64	73	157	68	83	797	94	247	143	120	75	70	293	423
2480241	173	258	180	183	350	1020	209	286	373	215	302	256	173	263
5080561	659	188	366	83	280	215	155	207	186	201	219	580	396	521
1770253	44	41	47	41	46	38	38	50	42	41	40	43	46	39
6280440	163	43	49	48	90	217	76	59	40	70	115	157	43	36
3450347	47	384	50	42	45	50	45	47	61	52	47	42	52	48
3170100	591	300	49	67	199	40	102	102	43	451	47	250	656	314

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
2600554	73	65	138	68	65	61	69	80	53	70	70	65	78	80
2510253	258	304	70	202	575	568	99	236	138	128	199	429	237	216
7570477	166	126	311	107	158	144	267	157	240	387	369	249	128	105
7510424	253	216	506	230	246	286	454	293	497	697	754	390	259	190
6040452	403	57	63	65	260	55	53	248	51	101	55	63	96	84
1850068	303	102	190	173	118	169	167	112	241	129	222	223	130	92
6110440	61	73	65	73	77	74	63	64	68	77	84	80	82	65
6960035	41	44	44	156	39	46	45	36	41	45	32	47	78	75
7050215	1300	45	42	36	37	38	44	54	62	149	41	218	68	132
1710242	762	157	632	135	827	132	360	466	225	121	575	653	568	507
4890670	85	55	58	57	81	60	73	94	85	76	82	77	90	99
4540468	65	62	62	53	84	1892	71	57	62	52	66	60	65	64
6510360	421	213	194	249	250	358	186	246	114	193	254	256	339	317
6110102	58	86	88	2744	58	68	108	521	172	155	127	346	160	205
6110152	44	38	48	49	43	41	51	40	42	47	40	40	46	42
2490044	156	122	141	76	100	135	98	125	100	80	91	117	213	166
1070224	48	51	57	58	53	815	60	57	71	42	61	54	44	39
2070377	99	77	81	287	85	63	73	71	61	78	98	101	125	95
2000128	49	39	43	3292	43	50	41	46	529	43	44	168	38	41
6100241	95	47	221	39	69	42	198	45	151	154	1113	552	43	40
6420689	198	1080	58	55	56	51	52	58	88	86	49	56	54	54
6060347	58	43	48	45	59	48	51	53	46	55	45	53	51	47
6040156	96	65	112	68	122	264	72	130	107	85	92	71	66	63
3870593	62	63	65	93	69	76	72	72	57	67	80	70	78	67
3610180	49	46	180	45	45	41	41	43	46	45	40	42	43	44
6450403	45	42	38	1757	41	35	36	42	49	45	45	48	36	50
4260280	69	57	68	1891	93	63	74	71	151	86	63	106	56	58
6650215	128	67	66	5343	76	79	73	79	203	79	75	83	97	84
2190139	42	44	71	38	45	46	40	46	55	42	41	36	38	38
4850170	42	41	45	42	45	35	36	53	42	70	41	48	40	57
5310343	37	47	463	42	54	52	47	46	48	40	41	48	63	66
3710176	88	84	71	2207	101	93	69	83	125	94	93	82	75	74
1450671	94	179	229	86	95	113	142	350	104	452	223	137	79	81
3830598	51	48	45	125	64	54	48	52	47	55	48	58	50	53
3830170	230	273	182	168	266	4154	215	232	231	322	236	319	338	378
5340348	71	306	476	62	83	83	88	64	500	106	78	92	62	63
780356	52	61	107	63	55	57	76	58	63	56	80	52	64	58
5360070	766	138	934	87	439	482	223	843	64	1100	308	548	976	791
6250672	138	696	75	63	1210	49	262	414	111	146	207	134	214	218
580100	80	78	205	775	82	88	129	66	64	64	105	92	70	52
7210136	113	61	476	46	95	60	241	53	44	142	1131	316	49	42

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
1170671	256	204	1353	53	221	146	561	61	158	163	1016	483	41	44
1580411	262	171	1489	48	195	142	540	74	180	165	1036	534	39	41
20129	411	589	3032	76	750	266	1501	155	3498	367	3165	672	110	135
4220068	73	98	132	74	78	63	91	83	99	83	79	89	144	154
3940504	279	294	2061	103	235	140	839	151	116	254	2781	658	73	85
770167	272	161	1109	121	289	141	583	145	134	225	2201	517	88	75
4200451	148	51	103	53	73	131	66	68	60	72	65	87	74	66
3460152	175	48	113	54	71	124	67	75	43	68	96	132	60	59
2940398	135	56	113	53	91	59	59	75	59	165	82	118	231	216
2260424	58	59	95	927	110	63	71	76	71	68	59	54	77	112
1260025	693	460	367	353	289	271	326	357	291	550	414	700	369	388
5260014	585	75	255	198	597	257	246	153	256	449	226	498	362	197
2360632	5105	70	83	64	62	66	1360	84	78	65	4295	1041	67	67
6350437	201	61	261	252	52	113	105	68	71	434	195	306	53	57
4920019	67	78	77	822	77	61	72	65	69	70	65	72	75	67
7050053	55	72	69	216	60	59	53	53	55	61	61	65	51	63
2350730	61	66	62	67	68	80	61	62	67	54	51	52	69	53
6860446	75	91	83	75	81	85	77	86	80	88	76	83	89	73
6840609	66	64	64	65	63	62	69	77	60	90	81	64	83	76
5270022	50	45	45	45	46	43	54	72	56	86	49	43	50	45
2650484	43	44	46	44	50	33	46	47	52	54	52	48	46	46
5550372	66	73	67	75	62	72	67	70	71	80	75	79	65	85
1580487	210	128	541	82	154	464	173	509	366	525	419	395	283	441
6420356	50	135	153	19166	52	40	40	39	43	50	45	39	63	54
5290711	46	2428	53	46	143	39	50	39	44	41	47	40	38	49
780528	1330	379	1047	399	1139	1215	885	747	1263	1981	1337	1949	1407	980
5670722	62	58	64	77	69	66	116	83	80	71	101	58	60	70
3780291	150	322	309	365	226	183	486	188	330	330	1917	201	426	501
2650673	39	42	46	38	43	45	46	43	42	46	41	39	48	44
7160376	64	61	72	64	78	69	67	66	78	71	71	71	1167	514
6370414	74	74	186	45	67	57	138	47	97	67	272	124	49	43
670398	131	100	136	760	86	144	60	111	73	78	66	95	175	206
10187	294	240	296	257	219	211	301	156	406	232	264	232	501	278
6100139	65	69	49	86	50	59	56	46	61	51	56	50	52	46
3390372	200	42	109	632	46	48	56	41	43	140	55	42	53	45
1450392	55	84	48	47	46	54	46	55	47	45	45	56	3509	5599
4010136	55	50	43	55	63	2572	51	64	57	59	47	50	10899	11882
5390113	176	213	1308	94	262	167	426	116	210	195	1125	354	133	132
580754	48	42	255	43	46	47	43	38	46	41	41	53	287	166
2260445	67	62	63	56	70	61	53	3083	67	64	56	67	59	52
1170047	1959	1521	1602	2583	619	13149	1280	1501	1044	1030	1253	2676	162	237

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
5860048	92	164	670	82	116	109	292	96	114	120	323	132	69	72
360296	471	54	641	826	94	63	84	93	114	110	86	135	580	983
540685	62	53	57	4624	79	67	57	54	59	56	66	44	59	73
4280440	102	76	71	140	78	71	78	96	69	83	72	85	158	136
3830202	52	52	171	47	55	59	60	75	48	51	56	51	49	47
4010095	48	49	109	45	50	52	58	62	50	40	50	49	42	41
6900377	45	42	117	33	45	44	42	61	41	45	42	41	38	41
7650739	50	55	61	59	58	59	62	62	79	77	69	62	73	66
3870608	338	259	218	388	677	491	199	230	349	399	250	326	413	336
6370541	43	558	49	76	64	48	248	85	41	41	208	63	59	52
5860674	73	57	64	64	65	49	60	60	59	66	55	64	974	613
5820551	64	66	67	80	71	63	69	58	86	62	59	73	2195	2082
7510128	75	89	70	87	74	75	80	80	73	81	64	73	1462	1472
1230603	78	67	80	72	76	66	61	78	81	64	73	78	1211	1055
2710504	42	47	42	45	42	39	38	45	42	39	44	44	39	49
5220196	280	228	310	195	211	219	229	303	214	284	313	258	327	316
620041	43	39	41	44	42	45	37	44	47	45	37	42	46	50
6580626	180	158	158	1191	115	63	87	651	162	288	91	195	203	226
2100711	53	65	49	3750	377	46	56	69	44	51	64	64	46	44
2260274	2396	46	43	78	82	45	43	199	39	1345	59	52	43	40
4850746	78	61	55	65	64	63	55	67	68	59	61	63	71	60
7380678	40	34	42	115	142	37	394	35	35	37	705	50	44	44
4890750	227	105	136	102	134	170	63	165	119	171	106	107	203	339
5960672	834	647	687	710	540	930	661	933	586	1108	654	1101	776	836
870477	66	56	63	48	58	61	60	60	349	64	112	58	63	60
2230341	69	78	65	76	52	62	81	61	54	74	473	74	84	60
1770497	68	64	61	67	60	70	75	66	55	71	416	124	71	50
5550553	100	90	93	140	118	243	82	168	80	79	88	138	73	96
4890671	68	77	78	77	61	2057	73	7654	56	75	77	980	60	60
20192	994	153	201	132	120	150	128	147	108	223	178	315	176	201
5900017	78	49	64	49	67	54	75	40	52	56	66	88	66	49
7040100	62	40	41	47	44	39	286	351	38	43	77	106	40	38
6220209	43	43	42	50	50	48	1448	59	290	34	50	2028	43	43
5570703	59	181	57	54	62	62	60	65	52	54	74	56	69	66
1190091	344	78	83	68	75	72	151	68	72	76	83	77	95	76
2370768	56	170	43	45	42	49	43	36	43	39	40	47	53	50
6420736	411	67	109	1006	613	318	92	66	72	87	72	72	164	170
2450411	466	62	142	1381	626	356	76	57	70	50	78	80	145	121
5720465	452	88	166	1295	703	358	106	122	95	96	96	90	212	171
450736	79	71	76	73	75	85	67	63	67	77	78	75	88	85
7550086	42	42	44	46	39	36	35	40	41	36	43	49	39	46

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
940746	49	43	44	1985	38	45	38	49	43	41	47	42	77	66
4280132	52	60	150	56	55	40	53	53	51	60	53	53	56	48
4280504	42	42	203	46	52	47	44	54	45	45	52	52	45	44
6330553	232	360	366	306	295	137	394	371	294	222	272	383	499	452
2100743	547	637	571	860	529	506	1030	1551	612	661	984	1847	588	894
6560523	215	237	250	322	238	141	333	215	228	174	258	354	247	243
5340338	561	110	694	114	409	311	119	346	105	251	277	511	339	436
6650196	91	230	435	195	738	229	204	125	222	141	506	155	320	197
6350204	62	63	68	65	76	66	71	67	55	75	54	64	75	76
1170605	382	188	399	118	302	283	228	899	270	356	273	646	319	489
670333	40	77	50	6444	63	37	46	36	44	41	42	44	41	37
1410240	37	60	46	4240	51	46	45	37	37	39	42	44	40	42
6370356	62	70	74	1361	300	4857	130	3374	60	81	61	38	496	902
2510356	42	55	68	41	49	45	52	54	47	38	46	46	47	38
5270468	41	50	59	41	45	49	50	38	48	45	45	46	48	45
1030209	32	36	45	39	40	40	45	35	53	32	39	51	37	37
4200437	838	500	290	522	588	360	306	428	285	357	388	233	488	268
830543	42	421	58	36	43	44	118	40	39	39	43	43	2367	654
5690112	54	64	62	88	55	76	49	44	52	49	50	52	56	54
3360095	69	145	87	127	80	4661	85	75	72	77	100	78	60	71
7040678	47	57	51	46	6621	44	44	37	47	43	49	47	48	45
4200541	172	469	875	103	835	2704	461	403	205	286	680	336	122	87
2370646	48	42	48	65	37	44	41	40	51	83	43	56	84	88
5130100	40	41	44	244	46	43	46	41	45	51	61	45	131	87
1660243	41	38	40	47	35	33	45	45	36	41	47	61	35	42
6220307	49	73	71	167	57	63	68	54	81	61	206	69	65	61
3460446	62	89	94	76	122	80	78	77	75	86	89	68	97	123
2940403	843	682	918	452	859	217	718	1587	524	1318	1109	1197	822	1026
1580215	136	94	114	70	393	451	301	247	126	305	204	321	168	226
130463	128	164	65	67	51	58	125	42	198	62	68	66	200	284
4120703	53	41	71	43	51	45	71	59	50	52	83	77	52	47
6980367	56	67	55	516	56	50	70	51	3421	53	47	58	39	54
3180156	48	74	70	70	57	56	53	51	65	75	67	61	57	69
3780193	84	55	298	38	89	52	203	54	66	91	1020	184	46	38
5130255	55	39	43	9659	59	42	51	33	145	41	41	113	47	37
2850703	77	49	58	15498	102	54	63	55	350	60	74	283	54	45
7400072	66	67	78	13799	74	74	70	63	241	49	53	174	66	62
7210240	79	72	80	14577	87	77	66	72	73	75	72	173	62	61
5270619	270	226	898	90	226	281	491	215	255	194	651	416	151	203
2030451	44	44	38	37	49	51	46	49	43	46	41	1079	32	43
10504	86	47	70	46	37	42	63	37	62	132	49	48	13799	11087

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
2230008	48	42	47	12142	61	40	44	38	1542	38	40	245	46	41
3180025	45	44	45	1970	45	44	44	44	158	38	40	63	40	41
2480228	64	77	60	4408	389	73	65	72	333	85	73	59	67	67
6110022	92	79	62	2996	295	98	82	100	208	61	67	65	73	79
4290014	332	615	666	190	480	870	317	750	435	928	407	485	667	624
7550368	128	529	213	319	656	563	129	194	97	107	83	180	158	146
7000575	83	80	68	104	78	462	69	85	138	90	86	73	86	89
5700095	55	532	53	67	48	65	43	60	60	52	65	54	57	67
2570500	84	95	66	82	229	86	81	65	71	83	136	95	222	293
1660341	96	121	209	170	117	75	177	134	64	127	178	269	1087	1743
1400433	61	87	137	111	80	64	87	82	73	66	84	175	374	1187
4610592	60	88	69	3079	59	54	653	82	561	117	1155	998	1131	1188
3170204	61	42	44	1061	62	58	49	637	101	37	48	329	45	46
6860154	43	45	58	7492	44	45	47	39	101	37	45	38	35	36
1260468	39	39	45	82	41	48	70	46	46	40	46	66	48	61
4780278	66	67	60	11592	107	60	68	75	61	71	67	71	75	57
240053	115	75	158	524	122	64	154	79	97	61	133	115	67	55
4610520	197	44	51	159	64	41	1179	47	49	1759	264	143	38	46
3190167	46	52	46	50	39	44	41	50	50	50	47	43	46	53
5340730	51	56	70	57	62	51	66	58	64	69	51	55	47	59
940692	46	33	40	45	43	46	33	38	42	38	44	39	38	39
7320193	49	55	78	47	57	51	67	50	45	50	85	53	47	47
6330477	84	71	69	63	78	92	63	87	78	74	69	70	72	70
2340553	132	103	109	106	105	86	96	134	438	227	87	124	147	144
1660184	41	49	52	46	3187	39	49	44	46	40	49	47	47	50
450368	76	89	42	46	58	59	52	144	52	70	61	100	42	42
3830044	159	69	52	68	103	131	133	121	56	65	126	186	58	71
6290554	54	70	89	67	80	71	92	79	63	75	89	81	80	65
3830332	54	73	58	84	53	74	65	85	77	65	77	79	67	69
1050414	90	126	136	4827	163	95	120	86	102	99	135	105	69	77
780600	1765	2135	1796	149	436	277	1180	492	1273	974	1672	2788	144	149
7050333	65	78	97	91	89	58	102	65	115	74	85	65	72	78
4290465	86	53	49	361	62	52	46	56	53	56	71	61	62	59
5720482	97	822	982	603	822	195	558	88	755	381	443	1736	291	263
5260070	1620	626	501	769	639	531	871	2808	479	377	342	707	887	1166
610201	532	462	1201	313	243	527	389	233	129	77	622	172	77	94
5570279	269	241	461	204	223	772	333	1595	877	645	286	684	840	817
290730	131	161	219	177	109	1902	568	461	1909	2137	293	1858	229	226
6200669	247	310	153	98	192	705	393	721	1390	851	369	688	242	127
6290685	131	68	101	64	86	78	90	126	202	101	97	81	175	109
6110630	887	1204	1138	1031	1784	3907	1928	2625	2647	2811	1359	3914	6478	5039

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5050402	207	300	306	247	542	468	425	255	608	357	244	547	2118	895
2970019	75	46	87	58	134	478	121	73	262	360	65	142	1115	533
610451	250	365	237	523	509	1966	364	1165	1625	715	492	1924	540	529
6100022	224	279	298	408	478	2119	291	1437	1226	892	410	1797	467	594
870301	504	106	73	79	53	73	579	79	67	99	516	720	70	68
5260091	65	88	53	56	56	46	48	58	42	58	53	53	55	52
3460608	121	68	78	68	62	86	50	57	67	93	71	64	704	373
6590131	64	70	87	16651	86	69	133	62	412	69	77	85	68	79
2140196	70	67	79	5718	70	143	65	63	62	67	67	67	66	64
990091	62	65	66	2569	66	73	63	65	77	61	72	69	81	66
2260747	82	72	122	71	70	62	69	53	60	147	71	57	67	76
3170403	54	64	70	829	56	64	57	59	56	64	58	79	53	65
5570711	158	113	506	54	77	72	162	59	203	152	237	323	50	51
4920131	40	51	69	35	41	452	39	52	40	43	48	41	66	67
3290368	43	41	42	316	49	47	46	40	37	42	38	149	42	44
4120161	44	8560	51	38	53	38	45	50	43	46	44	45	50	43
6200044	52	277	48	51	53	50	49	47	50	55	48	44	54	55
5420386	49	48	63	60	96	62	70	59	52	78	52	58	772	602
1230538	139	40	63	982	42	48	50	723	46	74	53	57	284	316
380259	94	89	312	46	71	61	123	62	167	100	132	221	49	47
2140376	75	72	71	65	74	110	64	70	48	61	86	62	71	67
870626	77	80	71	79	77	81	67	71	85	83	95	89	68	80
4040474	66	76	1431	482	378	68	57	59	58	61	68	68	61	65
7200719	324	403	562	653	567	592	410	1151	904	802	458	576	726	1356
2100196	346	417	2028	336	1015	686	2125	1370	927	1067	913	4247	364	581
2690224	388	207	501	272	596	667	442	576	395	534	405	583	599	724
730722	62	79	63	2414	70	57	71	78	59	73	54	66	52	63
7610170	99	42	48	52	45	47	95	53	333	48	48	46	57	48
6960563	40	756	35	69	56	42	63	51	46	38	136	61	37	45
7320349	65	93	101	361	76	96	87	95	125	76	85	89	109	138
6960739	65	74	120	86	63	72	65	63	70	58	69	67	79	58
5390435	71	41	46	43	68	51	40	44	47	55	51	52	52	52
4060192	75	77	93	123	79	64	103	77	70	58	93	74	112	145
6220309	73	79	66	221	77	76	59	62	69	85	73	56	120	106
5490711	51	55	50	155	55	50	42	46	50	40	45	54	42	41
4390291	68	81	71	63	92	72	66	63	77	74	72	72	82	86
2000274	42	41	36	37	46	47	37	44	44	36	40	37	41	39
6960259	71	61	96	70	135	71	48	67	73	69	81	69	75	79
3370544	71	1957	64	552	60	48	59	65	59	58	59	60	64	66
3130711	74	. 58	97	390	83	67	59	69	69	74	70	75	84	85
4810703	366	321	96	120	176	167	174	214	109	274	189	107	452	335

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
6660671	147	221	59	85	121	140	91	119	61	191	99	73	169	117
1940193	67	83	138	391	116	92	100	86	75	85	215	161	280	261
990112	88	94	105	110	119	83	100	74	98	72	87	69	85	93
4810424	41	46	41	40	33	47	43	45	36	38	40	42	53	39
580292	60	48	63	229	65	66	57	68	65	47	74	66	65	70
2320296	44	65	55	69	50	60	56	48	44	46	50	54	43	44
3990739	82	148	70	59	74	65	122	60	70	84	140	71	180	200
2030259	48	39	35	66	42	42	35	34	41	39	41	36	40	39
5490040	58	72	71	147	66	74	65	62	67	73	73	75	68	68
6400703	111	111	111	110	114	88	114	171	110	208	145	228	152	166
1570184	49	69	80	77	54	65	78	59	65	84	55	65	55	69
3610730	113	92	108	49	78	51	117	264	119	125	224	62	58	54
7380392	96	60	77	79	65	114	72	86	66	63	81	130	57	56
5900273	78	67	98	89	72	90	81	96	88	69	76	71	87	97
1510075	46	41	139	47	68	41	36	42	44	48	36	40	261	198
6860634	60	58	61	168	43	42	47	71	44	54	52	73	39	39
6620259	150	64	69	73	76	67	81	192	125	93	72	66	782	1210
540204	478	161	81	174	130	134	143	336	1089	88	101	78	93	93
5080259	86	56	43	51	48	65	54	133	204	52	39	49	44	54
990086	43	41	46	48	54	50	58	50	41	49	49	46	47	49
3140259	49	63	52	83	57	45	58	50	74	52	47	88	81	103
2100189	150	188	196	219	346	414	209	231	348	310	183	213	180	235
4250246	640	446	538	478	727	2207	396	517	413	604	389	988	382	443
1980079	78	83	109	67	90	91	88	112	91	79	81	77	67	76
4850300	137	193	107	420	770	951	235	250	134	152	223	243	175	240
6520440	59	66	340	1185	118	1284	59	365	57	64	58	68	857	1163
4210561	213	169	171	130	1830	1826	208	678	464	596	167	261	113	208
510632	350	78	77	312	118	148	189	86	73	68	85	80	480	475
4050398	62	50	46	54	87	41	44	44	52	87	65	51	48	56
5960524	70	70	80	64	1136	68	62	79	60	70	69	65	67	84
460202	43	67	52	47	4671	39	81	44	44	38	39	61	40	43
3780491	65	56	69	81	764	72	56	63	77	66	89	81	72	68
5290707	64	94	308	67	6868	76	97	56	65	88	74	51	90	80
1450619	41	35	48	4208	45	44	53	39	44	43	46	47	39	40
3190524	732	262	517	154	297	469	222	509	192	544	415	414	913	983
3840445	5861	96	51	53	53	52	93	7423	85	6086	44	405	187	240
2060414	63	68	63	71	50	61	69	66	55	84	64	101	72	81
5860289	948	44	39	43	42	48	35	222	43	8396	41	44	36	35
430446	50	77	49	44	39	45	41	46	51	52	46	52	50	52
7040142	93	175	244	157	102	92	116	87	274	1540	125	133	74	110
3460685	83	254	577	191	141	122	219	185	797	4018	242	393	74	53

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
5490358	50	47	51	50	63	59	69	41	41	40	57	63	49	52
4390100	174	589	54	53	50	50	288	300	146	1627	194	111	65	59
3140427	61	64	72	80	61	52	94	64	61	61	73	50	69	68
4390398	329	662	104	132	111	80	1634	858	319	148	1444	21428	132	139
520465	43	40	44	48	49	52	45	54	48	46	47	49	51	44
1570148	38	39	40	566	41	42	43	41	36	40	35	39	35	42
5860528	71	62	67	56	71	75	290	63	52	63	199	63	73	75
3180615	160	458	68	75	66	73	146	74	69	94	72	84	71	66
6840209	54	45	46	91	54	67	2103	49	51	40	2028	1694	41	44
3710161	69	66	70	68	75	67	62	71	57	65	67	62	78	59
1470168	38	44	46	48	45	48	44	44	48	39	44	60	38	41
2900343	329	40	38	36	35	41	36	36	45	38	36	34	38	38
6420450	426	346	1066	526	280	588	543	398	301	397	643	1001	334	436
4220482	39	48	547	40	48	46	44	51	47	53	45	44	62	70
5260672	88	81	89	80	129	77	68	66	65	62	80	171	76	104
6980632	234	248	95	169	203	315	249	68	119	269	232	267	111	171
6660687	108	174	132	105	96	83	98	111	109	145	113	204	140	144
2690438	52	111	101	79	66	64	82	64	67	75	88	77	74	124
5270551	187	69	105	85	96	97	115	78	77	99	146	110	150	106
240343	67	72	73	60	57	52	60	53	51	62	53	64	125	104
1240408	63	64	105	82	79	59	92	80	72	83	93	137	172	445
4480528	134	130	438	347	242	95	258	200	99	198	287	768	1193	2367
240386	151	126	247	633	80	82	123	71	390	92	114	402	272	265
3780767	88	76	112	97	102	2261	90	288	65	1459	460	148	65	68
6620373	103	92	169	425	86	71	101	53	231	70	89	243	184	181
3930669	49	61	69	64	59	67	60	66	58	60	57	62	53	63
5490307	74	70	61	72	71	57	64	73	72	58	63	83	285	188
3060187	1032	391	453	656	271	771	366	302	418	270	370	1487	92	96
2490132	66	632	2240	48	80	83	247	55	61	96	152	108	59	67
4150685	101	117	77	77	78	131	95	100	155	119	76	78	94	104
2260037	488	141	70	173	137	375	333	1199	99	87	458	723	70	85
1260064	222	328	186	401	143	242	230	314	165	391	549	377	218	273
1660220	134	95	161	154	144	176	113	220	108	132	162	103	188	176
6400484	74	73	64	69	78	7295	70	67	65	72	71	68	84	66
4850189	48	53	45	1690	48	46	70	51	57	49	46	44	60	60
4760196	52	60	52	831	60	64	50	60	62	52	73	115	56	64
670670	42	50	50	570	48	46	44	46	43	43	43	68	43	48
6370008	76	58	68	2002	52	51	86	67	65	63	104	82	64	64
4490594	9303	9178	8702	13301	8506	13644	10755	9116	13594	6734	10231	15625	6553	16101
2970152	55	72	73	79	58	57	56	258	71	2076	67	75	79	55
1820288	102	107	171	148	143	71	140	122	73	94	197	188	1231	1000

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
3360327	95	73	99	92	72	83	74	56	78	124	81	104	166	110
4480762	65	73	69	49	73	64	71	64	77	68	75	69	69	77
4280093	164	146	253	189	190	161	243	213	136	171	202	338	957	1784
3850367	131	121	257	253	250	1224	253	167	131	133	191	249	1170	1756
110333	588	55	72	1201	63	224	72	1178	314	247	120	189	98	117
3610520	122	76	124	57	96	145	67	115	87	180	89	121	162	378
2710121	85	79	74	74	73	79	83	81	82	97	95	95	78	73
5670372	170	174	1023	74	198	115	391	81	184	140	907	380	92	94
670066	55	61	40	61	56	65	59	56	64	62	63	61	56	59
2360739	51	104	273	54	47	59	123	45	63	57	117	62	51	43
380519	83	107	185	117	136	72	123	100	74	109	161	181	1164	1058
4040113	72	70	64	85	66	80	74	112	87	165	163	63	87	67
6130152	91	75	94	84	86	88	198	114	94	287	132	159	102	114
5960328	201	76	69	107	72	78	1655	1189	87	87	5380	685	74	76
4590332	58	59	69	74	72	65	62	64	63	79	76	73	83	77
4780754	62	64	68	43	69	50	62	65	59	66	73	59	50	69
2120189	75	53	72	47	72	55	67	59	58	68	69	68	97	70
1410747	64	72	81	63	69	2404	71	67	66	81	63	65	76	72
5820746	73	82	92	75	78	867	69	116	88	138	85	73	95	96
6020242	66	79	68	59	82	97	101	64	67	61	104	84	1959	2150
6580088	1591	208	296	111	164	228	273	151	410	235	152	1134	260	387
580445	124	1784	12815	114	364	344	3637	200	166	324	5246	1444	90	77
6400414	82	80	69	80	70	1813	92	108	104	128	64	165	74	101
5870653	64	62	60	56	61	58	62	649	65	16716	61	53	55	48
5560707	78	86	66	73	74	65	65	66	72	66	73	73	65	84
6290450	56	55	1253	50	62	55	65	71	57	60	62	60	73	62
4760673	68	72	62	56	80	65	58	66	65	73	67	56	65	70
6770706	51	51	62	52	48	59	51	58	60	50	83	60	52	55
6180546	58	60	68	68	62	62	60	69	67	65	66	54	55	53
4390386	86	75	80	81	68	91	72	93	83	66	74	94	77	101
6350091	49	53	55	56	48	57	51	52	56	66	54	62	52	58
1570286	71	63	78	69	63	72	62	62	78	73	74	71	82	85
1510519	58	75	60	70	67	74	66	75	63	74	69	76	95	80
60546	60	58	60	63	59	54	63	56	62	66	59	48	57	63
5700360	66	53	87	296	649	89	62	73	75	79	68	67	71	71
5420324	86	62	69	69	78	77	80	62	52	53	62	59	127	87
50291	83	77	69	57	68	65	56	63	76	59	74	62	70	67
2340088	54	52	55	56	48	39	54	61	64	52	60	50	52	57
6840278	57	57	56	57	56	53	48	61	54	45	55	64	71	59
2060372	736	365	573	347	310	420	249	396	448	158	406	497	356	499
5720491	251	200	159	255	241	198	205	270	335	288	252	256	228	301

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
6770746	455	101	369	67	112	155	103	245	268	479	183	342	537	600
5670280	1021	392	809	604	608	678	409	2761	470	784	461	826	918	1006
5080138	139	73	66	1800	190	73	86	99	78	122	87	82	106	69
4760192	67	74	65	76	88	70	70	375	64	4577	72	69	68	67
2650056	79	79	107	389	66	74	82	84	123	91	85	98	604	542
1850168	81	81	83	81	67	79	66	65	59	67	82	78	163	96
6770441	67	84	77	80	70	69	58	87	86	87	85	103	69	66
3060703	390	90	96	57	212	183	72	126	48	90	71	110	217	226
2810504	143	163	108	332	244	145	96	72	113	261	125	186	234	274
3170431	220	528	408	176	131	210	267	208	558	201	301	212	126	203
6660162	88	158	113	1395	298	119	85	114	159	81	129	158	86	69
7150324	168	128	365	96	123	107	140	508	94	147	473	154	161	167
2810687	248	293	242	261	618	471	232	295	184	355	241	325	307	378
4490544	42	48	40	50	45	42	139	41	43	39	1105	45	43	39
3990561	93	97	139	2536	81	75	270	68	81	79	84	241	298	384
240220	93	85	372	1199	93	127	146	47	55	74	150	123	64	53
6370754	46	41	40	43	43	46	38	49	39	45	42	49	40	44
3140349	68	55	53	50	60	47	64	62	56	60	49	67	75	52
5910612	62	72	54	65	64	78	72	87	72	68	65	73	66	77
4200722	42	41	45	47	41	44	37	47	39	41	45	38	52	54
6660368	66	69	247	51	63	70	120	45	76	63	192	99	44	52
4590477	172	215	1061	88	177	190	346	151	225	209	915	330	100	87
1400142	83	58	48	74	69	46	55	73	63	69	54	57	7900	5848
270470	59	62	51	58	64	80	75	66	72	62	65	69	1117	2734
6900170	37	47	35	41	41	33	45	37	39	35	38	40	655	298
3170450	151	91	138	76	124	88	120	156	77	99	106	132	73	264
1450446	55	49	44	56	64	57	63	53	57	58	59	60	57	67
5670709	99	87	86	92	88	135	100	127	106	93	105	124	84	160
6770408	746	157	630	56	400	355	161	351	80	867	293	498	826	856
6290494	851	205	822	156	333	335	293	565	205	559	429	513	949	872
6020170	1626	207	970	141	971	1608	345	890	220	1771	796	889	2666	3129
5490068	104	136	658	53	149	77	199	66	184	204	483	209	1702	1793
4540414	250	250	178	168	170	222	191	377	270	230	691	229	223	259
3780437	37	35	37	3875	34	35	49	34	37	40	37	41	32	38
3520338	163	120	43	74	84	57	89	60	45	53	106	82	56	51
770682	99	237	1531	90	162	329	482	200	127	281	965	378	95	82
7330367	77	57	71	70	64	64	74	60	70	68	61	57	80	64
2370632	167	249	238	116	298	642	513	197	88	87	307	116	158	167
4760626	194	77	1171	48	66	42	499	107	51	423	646	231	47	41
3180528	346	933	2898	138	513	81	2737	64	130	336	2963	1456	376	421
1230228	263	66	62	87	57	75	1225	80	1378	70	191	64	77	82

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
4150598	1403	42	40	2254	118	101	44	43	42	47	39	49	41	44
3060273	43	47	43	72	61	41	35	52	42	46	41	64	78	164
7200601	82	2545	72	49	79	55	1436	333	767	189	339	2485	73	90
7650026	239	7025	123	99	212	71	3774	1138	1841	545	1262	6215	163	198
1850315	60	76	59	78	64	79	82	77	80	84	300	71	77	80
2490070	1236	132	66	76	67	60	67	70	57	69	75	70	79	58
1300240	2223	68	80	71	67	73	70	86	73	101	80	79	103	106
6980762	45	43	48	116	57	107	52	501	58	222	39	43	43	44
7380670	318	98	266	94	306	1472	421	407	89	99	1120	738	98	125
5340220	47	195	518	42	45	37	42	56	48	41	39	47	41	43
6100360	154	48	46	41	36	46	76	57	61	50	126	110	52	48
3990577	63	68	68	73	54	67	58	77	68	67	59	62	70	65
1710692	47	57	52	51	57	54	61	49	46	46	50	51	47	53
1450468	62	74	64	859	64	1101	62	471	54	55	51	69	66	71
6250040	625	271	331	201	182	109	290	227	407	455	309	326	252	277
5890170	48	46	45	44	47	47	57	48	53	47	41	46	40	41
2100296	94	143	134	71	89	69	106	71	3557	83	183	96	68	64
3180681	77	79	254	56	95	75	119	56	100	67	293	107	59	46
7650538	144	462	955	109	248	159	345	73	290	216	648	301	152	112
4060438	2412	282	281	6755	156	185	998	2917	173	4138	109	249	1137	1794
1660767	47	50	74	74	49	49	48	83	233	45	52	45	155	86
1570309	109	58	98	73	124	122	77	85	62	110	103	128	119	93
4610669	158	70	145	69	183	369	90	271	73	252	138	318	206	194
1990731	60	66	61	68	60	62	61	80	74	75	61	57	442	437
7610441	75	62	86	148	80	105	61	70	82	84	88	92	534	537
5670129	54	56	72	49	42	62	57	48	50	54	95	53	53	47
7050220	665	478	76	92	199	52	90	76	64	116	42	285	280	229
3140131	540	42	44	38	43	46	57	38	41	50	44	39	51	54
4880138	40	46	42	39	148	42	37	42	48	41	45	37	100	68
5340458	128	136	95	61	117	249	119	165	120	196	150	94	94	93
580181	92	96	70	55	83	124	83	106	68	123	88	64	58	71
3940520	746	810	872	1475	693	557	944	1176	650	1367	1513	2022	562	508
4220326	117	49	278	85	132	67	76	96	64	246	276	117	61	72
2320215	131	108	283	86	321	312	111	257	66	252	214	148	87	153
7100541	194	171	94	520	80	122	106	139	76	250	81	138	109	90
3360707	48	45	48	45	47	47	41	43	36	44	49	48	51	47
3450286	68	55	76	83	52	67	96	69	57	68	74	56	60	59
840494	38	37	39	40	44	37	41	39	44	38	42	42	711	516
6770131	51	42	40	42	54	39	684	56	179	45	7654	43	44	46
4610333	64	52	47	61	67	65	82	49	59	56	595	70	64	56
6350192	92	70	382	166	206	209	79	78	73	100	68	62	102	127

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
110189	63	63	197	123	115	120	66	60	60	87	58	72	99	62
2480431	59	51	249	108	97	113	78	67	57	65	60	57	68	62
450020	58	60	57	5744	98	65	78	70	71	61	57	98	62	59
620202	359	71	70	72	68	101	90	72	90	253	84	70	86	76
3930379	137	197	212	193	172	138	119	117	218	148	138	355	89	94
7100431	89	134	546	85	120	121	282	85	104	130	470	282	86	69
5490301	244	606	431	259	400	623	195	763	431	549	284	844	378	483
3890601	80	59	75	81	87	62	67	1497	74	81	64	60	66	70
1240195	43	41	41	35	43	42	37	256	50	32	40	42	42	43
4850528	63	76	65	57	62	51	59	256	62	72	57	54	77	73
2650075	188	42	47	43	47	51	39	52	45	48	46	42	49	50
5900608	81	56	68	83	63	67	76	63	60	89	80	69	72	67
20112	49	57	52	49	61	51	47	54	43	49	49	49	1264	1023
2900064	107	57	56	367	82	68	67	67	68	70	64	66	79	65
4850070	45	630	47	77	50	49	50	51	47	41	46	64	43	51
1090451	64	1519	67	85	80	72	78	56	93	84	74	137	63	59
3420554	395	62	142	70	183	194	72	208	64	137	125	220	309	284
2970370	172	363	725	347	193	181	295	398	1185	198	166	180	83	133
7570753	48	227	127	53	164	171	93	245	182	318	64	52	420	351
6290008	44	68	51	66	52	53	82	51	69	53	55	62	74	60
1510014	378	453	655	660	437	552	311	912	544	447	349	593	595	780
7200609	90	75	81	11966	62	73	86	77	175	83	72	64	83	78
520176	44	38	54	6393	42	45	42	42	96	43	59	60	41	44
4210678	82	473	90	5820	425	454	65	101	83	104	70	76	352	414
7040019	41	48	44	134	46	39	45	43	44	38	36	38	46	41
110347	195	168	180	264	255	134	118	114	166	116	171	151	198	156
4120427	44	46	56	120	57	55	516	68	61	73	372	148	70	63
1260762	62	67	75	69	65	103	72	70	62	69	68	467	68	70
1510332	54	63	63	76	65	98	89	81	67	77	86	282	61	62
3140373	42	43	40	37	43	37	42	35	41	45	42	66	48	39
1580437	39	42	46	47	51	79	67	44	48	46	43	383	39	43
770739	91	78	62	77	93	86	72	86	2935	84	92	461	91	90
1050168	468	45	51	42	63	44	371	550	74	5991	199	84	40	38
3310093	230	186	146	235	283	415	214	212	232	411	196	297	198	504
1570039	492	751	376	751	357	1162	356	1019	1385	593	478	500	246	436
6200168	127	334	2098	312	251	207	599	181	324	273	841	508	78	104
4010519	53	57	53	467	53	57	56	61	84	44	46	53	52	50
2480424	367	331	835	176	201	155	522	317	306	325	1051	534	436	380
3850064	271	137	150	133	328	259	189	282	196	192	199	294	450	635
3450332	61	46	59	2177	62	57	72	67	57	63	71	64	58	63
4780139	60	67	51	59	58	65	58	70	239	62	57	51	63	62

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
6330187	654	224	76	225	170	73	656	105	174	65	999	458	78	64
6840739	266	118	68	116	103	64	294	74	95	72	352	180	82	71
6420687	58	60	75	63	63	72	68	85	60	70	65	64	56	57
7150132	816	485	606	419	498	417	440	654	679	902	584	792	477	479
5810253	499	218	366	212	180	343	134	277	270	424	375	270	261	233
2710452	273	75	324	49	61	50	117	55	53	203	353	103	47	48
7400598	180	74	76	69	74	67	87	79	64	92	88	74	80	71
770615	45	38	41	34	51	49	42	45	43	46	43	38	46	46
290136	60	54	55	59	84	54	71	64	62	61	96	52	63	72
6450746	48	49	49	45	57	51	50	51	46	50	49	44	42	49
4250626	473	84	89	305	90	143	161	625	120	390	317	338	152	154
5390474	41	72	124	132	60	42	57	39	42	50	50	60	329	380
4480301	79	62	203	55	347	48	58	76	771	128	50	56	792	980
2690519	56	55	117	50	159	59	74	60	220	97	57	52	418	418
2260615	535	572	761	478	433	1043	519	661	854	977	519	574	1179	1542
4780373	63	77	73	78	70	87	84	69	77	82	67	194	72	74
6330593	59	82	95	114	99	62	124	54	173	59	79	91	3750	4985
940646	66	73	74	69	67	65	72	67	70	71	71	67	508	1246
6900414	768	99	80	95	81	81	80	69	73	2230	81	93	71	66
6400465	255	376	815	240	407	541	452	579	353	354	972	463	72	80
3850603	80	80	73	2179	74	58	61	66	88	78	80	83	98	91
2350132	43	96	39	107	49	42	129	575	75	51	83	45	43	43
130754	45	47	46	48	42	46	59	52	99	302	45	49	55	59
1510291	2129	680	1648	526	1651	1221	536	743	558	1125	936	1821	936	759
5960224	814	220	734	203	620	476	180	389	261	466	359	771	321	235
5490689	63	79	60	66	58	78	67	77	77	56	79	62	75	78
6400603	100	70	348	51	97	60	170	44	86	58	234	149	53	53
1410603	1961	221	550	257	426	425	234	1912	208	822	314	511	773	634
2760239	265	64	183	48	58	62	85	53	60	60	135	76	52	48
450132	355	319	206	299	382	380	191	238	192	268	212	309	355	411
3420372	58	53	120	78	63	55	99	94	78	109	104	323	74	78
1300187	493	150	110	216	186	265	177	222	124	361	151	220	114	148
3610170	66	63	69	80	56	70	1264	68	63	139	224	76	77	80
6350475	70	75	61	65	59	75	531	79	68	67	117	67	68	81
6590438	168	45	43	64	55	49	163	54	46	55	48	47	49	46
1260722	56	49	42	71	47	52	72	50	56	41	57	56	51	49
4010592	70	63	71	102	65	61	63	60	66	63	72	67	58	75
7160739	57	61	62	62	66	59	68	60	51	68	61	55	76	68
2650370	509	1402	1241	250	763	467	549	675	435	532	1000	979	630	630
2570220	247	144	189	347	136	619	274	714	1013	1000	957	1114	282	397
3930372	72	66	56	2420	75	59	64	65	109	60	68	90	61	70

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
7560497	43	43	178	243	924	64	110	43	58	41	42	39	63	70
1510424	9757	58	92	48	57	216	1546	11386	1042	79	1049	3020	172	250
130338	53	44	61	73	66	53	82	44	50	61	58	76	49	56
1690563	53	63	167	1370	259	48	1645	67	295	99	262	1043	55	48
4050291	44	42	46	58	51	37	75	38	51	45	42	93	46	39
3710022	51	45	51	2868	45	50	81	49	73	50	50	517	48	50
2350482	57	58	65	65	63	1319	64	63	70	67	55	62	69	61
5050270	59	93	122	57	66	1021	95	95	87	206	93	235	109	173
3850767	508	302	582	182	434	608	72	652	135	57	122	212	700	860
4900520	66	93	154	10720	144	82	359	90	309	69	188	115	175	142
5260343	65	1055	101	10119	117	58	312	238	72	88	101	230	44	55
520370	65	66	59	63	81	61	67	64	63	62	62	70	71	84
6840154	84	135	36	7900	55	47	38	42	56	43	34	42	41	41
3130706	68	63	63	105	68	62	79	72	84	75	67	90	63	85
3990278	40	45	50	2271	207	35	46	54	40	43	43	54	40	38
4890021	191	68	119	294	56	314	67	134	451	57	51	56	200	146
5720379	72	68	70	71	62	79	81	72	89	76	74	75	67	76
5700441	45	42	50	49	39	47	47	44	39	41	50	51	40	48
6770333	51	1888	52	2478	57	44	48	47	106	46	58	57	61	50
1050563	55	51	42	6293	53	49	50	46	71	51	52	50	46	53
830095	41	45	35	63	40	35	44	38	37	34	38	45	38	35
450246	69	7359	67	53	66	58	60	64	12187	71	73	56	65	76
2970112	88	733	78	107	84	61	72	90	1417	74	77	80	91	82
1710356	64	346	74	59	59	70	55	65	3541	68	50	56	79	57
510561	49	47	41	48	43	48	41	43	5731	53	50	50	45	52
5670082	50	51	48	51	66	50	65	52	61	50	47	60	58	59
730093	43	38	58	52	58	47	56	34	44	50	91	47	34	41
730148	94	90	54	74	90	64	76	117	66	73	80	75	69	82
4220053	92	104	416	381	79	158	197	163	233	80	357	172	56	57
270301	63	53	48	174	55	63	68	61	67	63	65	68	51	65
2070372	74	73	71	2327	71	73	72	80	98	68	81	68	84	76
1580653	114	80	87	73	84	92	79	68	97	107	98	94	74	86
10066	46	49	50	76	55	49	49	55	42	45	52	44	54	47
3120286	57	65	59	50	58	51	52	55	60	63	54	51	58	61
6480450	49	41	59	69	41	62	44	44	41	48	43	43	48	46
6650152	61	77	56	294	55	76	59	58	64	66	60	52	65	69
2570672	45	43	46	41	74	44	101	48	44	42	1954	45	46	43
4670138	51	134	106	729	106	64	174	175	65	58	123	159	62	54
20609	173	187	72	46	473	318	146	97	84	269	146	454	86	110
4480390	45	56	42	51	44	38	125	52	35	45	109	73	38	40
7380152	373	296	236	578	293	484	249	211	266	266	372	380	808	568

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
2810762	59	51	68	66	68	60	60	55	63	64	78	57	69	66
1740692	68	63	71	71	69	81	65	80	83	65	68	61	59	79
2450452	2004	476	723	1313	783	3625	603	841	166	2887	1000	475	85	69
4850576	39	40	44	152	45	44	36	37	43	266	47	51	41	46
510133	690	412	430	366	293	473	267	345	524	152	378	425	424	561
2640598	194	62	61	66	82	69	65	65	71	74	53	61	104	147
6330730	244	138	182	88	127	139	344	98	370	2604	90	136	2744	1736
4560228	66	64	60	75	53	50	58	77	71	73	63	63	69	66
4610201	129	79	102	77	121	141	99	105	141	130	94	178	141	192
6510156	135	82	83	381	91	287	147	69	81	68	143	96	85	74
5390767	66	61	67	74	47	104	58	64	69	73	66	69	57	51
5490465	76	63	74	63	69	71	84	71	80	73	64	77	74	67
6960438	134	82	79	97	80	113	81	81	64	93	90	100	137	145
4060025	78	80	69	69	71	82	86	81	178	95	68	65	60	67
4850711	131	81	96	78	135	168	94	186	123	151	104	237	201	246
3990497	461	218	290	160	535	460	363	635	933	277	356	628	414	457
4200711	121	70	85	80	74	80	83	64	84	113	77	76	134	78
3180647	97	82	90	90	170	105	82	142	84	142	123	149	136	140
1090196	44	51	47	153	58	60	56	65	51	85	60	63	51	51
5260280	197	114	100	95	213	175	118	202	107	249	91	162	109	137
6290091	354	201	177	220	209	868	161	480	335	453	270	413	317	428
2710687	84	62	53	143	58	58	80	60	67	57	72	74	61	61
6270731	83	60	63	59	62	94	65	71	65	78	69	65	56	66
3840091	108	75	79	135	103	143	88	169	109	134	137	159	78	70
2510164	1377	397	165	11348	538	11546	1159	9525	4208	8874	14155	4010	127	164
580161	961	280	121	4847	246	4787	441	4039	2818	4295	6602	2240	82	95
380685	2303	523	178	9465	397	11312	1074	8506	4748	6070	14631	3868	104	128
4210044	77	77	67	72	78	118	72	141	97	99	156	82	70	74
2450020	89	53	114	86	55	129	108	190	104	181	235	210	118	205
20543	76	71	66	80	61	88	60	65	68	66	83	67	69	56
4390044	55	67	64	68	65	71	63	87	78	69	79	61	58	55
3870156	79	65	61	56	51	87	75	63	55	73	64	76	62	83
1850273	133	79	92	68	176	146	99	277	403	103	120	237	142	195
3310037	48	45	44	47	43	43	42	44	49	51	51	56	58	59
3370736	969	538	775	254	674	659	514	1945	476	443	726	499	866	836
5310368	43	42	47	41	42	43	74	41	43	43	99	49	49	40
160433	45	55	38	48	44	43	45	42	46	46	37	34	49	48
2070735	431	681	347	592	298	327	251	174	785	274	274	287	326	333
3710711	734	974	697	749	721	818	779	764	1689	760	619	628	453	802
6860138	72	51	63	54	58	56	58	64	60	65	60	63	66	59
5340692	270	227	128	183	183	281	213	75	119	172	305	281	60	57

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
270347	145	137	136	94	138	150	169	241	240	169	192	215	147	156
2690577	241	60	64	55	63	63	55	54	62	57	52	112	119	109
870475	218	65	66	78	66	78	67	104	87	69	68	125	126	116
540014	71	58	56	76	57	68	52	60	79	46	56	61	68	90
6040433	34	48	77	1195	52	45	47	44	62	56	42	44	48	43
4810730	65	87	67	835	67	75	153	67	67	63	636	210	223	260
3180639	34	41	98	5638	33	40	51	46	38	36	40	33	48	46
60017	64	61	66	62	54	61	55	128	82	75	63	81	69	73
3520768	44	41	602	246	41	43	44	53	49	117	42	97	59	60
4280192	76	65	132	58	2344	79	90	61	195	66	91	68	61	57
770255	84	80	64	67	71	73	77	76	68	79	70	93	71	76
1770603	111	35	39	43	36	40	124	5861	133	40	45	95	36	35
1410192	383	201	73	1104	79	84	68	63	76	97	76	61	766	879
1230672	5428	49	48	700	51	64	68	82	44	45	64	45	49	52
4040632	72	58	69	68	49	63	77	56	60	62	63	1334	70	63
4730376	45	5773	39	47	43	45	42	43	47	43	44	40	42	45
4900634	44	106	45	4032	78	49	71	45	55	44	51	49	44	42
4290209	164	463	371	106	280	1610	299	799	361	343	458	412	98	154
940674	95	84	42	76	57	58	61	206	46	162	64	68	40	37
3360762	120	90	95	105	111	267	89	132	88	80	113	81	81	73
6180750	39	33	42	33	34	40	43	42	40	40	75	47	37	39
2320168	439	47	46	43	41	40	37	49	49	69	56	54	42	40
6980470	43	80	57	46	74	45	64	37	62	43	73	349	38	43
2640301	58	44	111	47	71	47	71	46	89	58	78	60	50	45
6100484	68	65	68	54	70	62	67	231	60	70	65	66	160	365
6060376	91	82	210	559	83	69	75	81	102	68	71	64	874	963
2570161	416	163	175	192	369	1827	269	288	170	156	372	236	95	125
990441	52	181	64	50	46	52	51	45	45	42	50	60	46	48
4730564	163	182	198	197	167	1101	112	116	104	137	109	153	147	126
4890092	151	92	115	127	161	326	123	180	117	212	150	270	78	91
430300	76	936	64	65	63	53	70	50	55	64	58	65	60	65
3850326	41	42	66	37	50	48	39	47	45	46	44	52	42	38
2030709	74	76	65	21924	303	63	72	56	66	60	72	79	81	84
5260253	42	42	39	35	47	41	40	40	41	48	40	40	47	47
6040731	43	43	40	39	41	42	45	41	48	33	36	41	48	44
6420605	463	189	1122	140	312	76	597	175	161	136	3761	2284	83	73
4250367	84	79	59	67	131	69	76	154	72	100	70	118	72	63
3930086	326	602	832	768	625	1288	714	832	994	889	758	1118	522	764
6580059	194	368	1675	480	1300	551	624	802	189	144	966	261	281	222
1070088	370	57	64	72	72	53	72	305	65	67	61	54	60	62
6370703	589	38	41	60	41	36	62	202	40	494	48	66	43	39

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
6860392	75	59	87	2332	4633	77	127	65	70	73	96	103	56	69
2190408	48	53	57	46	79	59	57	2396	49	46	39	47	52	66
3390215	58	61	85	56	622	69	62	63	70	44	60	60	70	66
7000619	71	90	231	81	91	79	126	65	85	73	148	137	92	66
5420189	49	36	38	69	43	567	37	776	45	50	46	41	77	111
5570181	69	49	56	79	67	542	51	762	63	64	58	59	90	114
5810730	42	36	34	40	41	62	43	72	43	40	43	39	39	36
5900228	62	64	72	67	77	102	59	108	57	55	55	84	69	79
5360601	89	64	71	99	74	612	77	778	81	91	71	78	126	162
7610524	65	63	55	56	60	97	53	120	58	62	67	48	63	54
2850619	133	76	98	2171	212	80	113	73	81	78	105	78	98	117
3130372	51	48	48	7584	56	50	48	45	52	42	45	64	43	48
5910414	44	47	46	58	45	45	43	45	43	45	46	62	46	44
5870091	54	60	61	57	60	53	62	61	67	68	57	58	56	58
1090008	43	36	37	6377	47	78	39	33	38	39	41	42	38	42
70451	293	626	1978	180	501	375	1017	143	983	359	1403	567	287	197
3710026	64	42	78	44	59	88	53	55	49	68	55	84	60	77
4260286	103	146	95	518	87	98	79	99	102	509	93	78	79	104
2810451	459	256	123	147	41	41	37	3509	207	2238	49	1215	186	213
5700431	214	161	133	119	209	321	127	212	77	141	122	214	262	375
1240746	116	72	62	66	71	71	72	95	59	63	79	62	57	75
2710343	47	134	70	58	47	39	68	81	48	62	66	76	42	46
6840202	104	78	61	819	77	155	46	80	64	69	70	59	60	65
6940431	56	76	91	239	65	74	72	61	77	54	59	72	55	59
4490743	52	44	50	50	65	62	56	49	51	45	57	60	62	57
4810632	63	56	51	63	68	56	57	57	65	63	57	68	57	65
5220753	56	56	52	73	57	69	64	59	66	68	58	57	59	53
6200091	63	59	68	73	59	58	71	72	71	73	72	77	69	72
2690279	44	9659	51	170	50	46	54	53	48	41	47	54	56	51
6590523	161	119	78	340	159	145	105	230	82	210	195	237	79	70
670414	57	44	101	51	52	51	38	47	55	64	46	65	48	58
4490288	46	46	38	43	38	38	49	45	48	44	50	48	54	59
6580717	79	252	277	605	107	77	164	61	123	63	108	107	53	52
5560411	235	211	253	107	205	188	163	329	154	164	222	141	447	479
1170154	140	134	126	191	93	103	129	101	75	106	116	88	107	83
3290152	110	114	89	204	115	167	111	169	74	129	138	88	73	95
3310592	4303	2412	4169	4383	4351	4003	4558	3000	4368	2542	4279	7105	2399	9495
3450750	7272	5571	7654	9398	6462	7821	7295	6055	8371	4505	7401	11717	5065	14106
3400070	230	189	149	140	440	442	255	270	174	352	230	239	408	425
20603	392	295	475	379	375	325	291	601	423	558	442	625	491	664
6580113	50	57	61	46	68	71	58	60	57	60	70	53	81	67

ProbeID	[[231], Tonsil Carcinoma of tonsil squamous cell metastatic, MBA_2267	[[232], Thyroid gland Carcinoma of thyroid papillary metastatic, MBA_2275	[[233], Urinary bladder Carcinoma of bladder small cell metastatic, MBA_2272	[[234], Pancreas Tumor of pancreas neuroendocrine metastatic, MBA_2279	[[235], Prostate Adenocarcinoma of prostate metastatic, MBA_2288	[[236], MP2 Breast metastatic tumor, MBA_2195	[[237], MP2 Colon metastatic tumor, MBA_2197	[[238], MP2 Kidney metastatic tumor, MBA_2199	[[239], MP2 Liver metastatic tumor, MBA_2201	[[240], MP2 Lung metastatic tumor, MBA_2203	[[250], MP2 Rectum metastatic tumor, MBA_2205	[[260], MP2 Stomach metastatic tumor, MBA_2207	[[270], Cartilage Chondrosarcoma, MBA_2292	[[280], Cartilage Chondrosarcoma, MBA_2293
5870008	254	228	1654	66	209	153	581	79	215	151	1013	512	68	59
7050201	74	142	751	63	66	70	63	68	63	167	125	82	60	62
150735	52	42	149	63	55	48	51	61	57	59	46	50	53	52
510066	68	77	80	54	56	59	73	79	54	70	63	70	72	72
1470162	79	79	70	78	81	82	50	70	73	69	60	67	80	67
3520168	105	71	89	1991	291	1907	275	223	130	16164	257	15025	1323	1258
1980538	83	69	103	67	69	66	59	75	64	75	54	71	80	81
5820026	125	170	61	72	79	78	103	1208	148	300	229	203	87	71

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
4850086	78	41	89	29	61	41	41	69
6110592	59	114	74	155	97	65	61	281
3190082	60	48	56	50	52	55	74	50
1450100	48	55	47	48	48	46	49	50
5490382	46	39	45	44	41	37	38	39
3520709	62	81	73	90	80	77	81	82
3120681	36	42	35	49	45	44	39	48
2030161	43	108	62	76	88	77	144	69
270709	55	55	59	88	73	80	74	67
2320377	39	33	39	44	45	43	42	42
1260270	144	851	77	304	50	66	113	70
2760274	47	56	51	45	49	49	51	53
2650736	43	47	45	51	53	46	46	51
5910010	67	76	83	74	83	74	89	71
5310524	576	179	175	198	160	264	187	206
3780156	44	169	81	55	68	109	64	68
1050561	74	58	64	83	59	101	60	81
2480040	44	42	61	50	42	47	39	49
5910309	40	39	42	46	43	45	43	42
5810050	312	104	110	55	62	199	81	66
1030184	51	62	62	47	52	47	58	52
3460279	58	54	52	45	47	43	54	41
4570364	87	81	69	90	83	90	78	166
6380020	69	62	46	60	61	64	80	65
3780468	58	52	53	61	61	69	65	80
240541	45	42	46	50	41	47	43	45
2630010	63	53	62	53	63	60	67	53
1740669	40	34	39	35	38	39	41	40
2340577	41	45	46	56	51	47	194	52
1850521	57	197	83	60	84	54	77	68
2650594	111	86	65	42	51	150	54	50
130110	64	84	45	47	101	40	50	42
4830376	56	49	54	54	37	45	55	51
7200435	137	73	77	66	58	61	107	1270
6290239	310	220	168	266	63	70	66	201
2480241	362	351	171	455	169	250	167	707
5080561	246	243	486	508	395	705	271	701
1770253	52	39	49	41	40	38	50	46
6280440	37	37	37	257	43	136	41	171
3450347	58	45	44	50	44	42	53	57
3170100	224	49	64	77	35	40	44	155

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
2600554	163	65	67	73	82	109	66	80
2510253	120	51	120	344	215	940	234	461
7570477	286	143	153	208	106	499	248	115
7510424	561	144	164	258	120	805	259	168
6040452	62	68	69	174	61	49	102	272
1850068	103	186	258	192	288	475	307	159
6110440	58	67	69	73	71	68	60	101
6960035	93	51	147	31	53	48	45	50
7050215	65	58	45	42	45	41	45	45
1710242	442	485	984	578	918	2192	94	1322
4890670	98	65	69	178	74	151	97	69
4540468	56	63	64	51	55	78	67	56
6510360	414	151	199	584	291	182	415	312
6110102	212	73	84	38	45	59	403	45
6110152	50	57	49	51	42	45	51	44
2490044	100	126	118	86	129	156	148	111
1070224	59	56	70	40	47	49	52	61
2070377	96	57	67	140	67	57	60	58
2000128	1078	52	41	41	44	42	46	41
6100241	46	35	34	33	38	46	49	42
6420689	45	57	65	73	58	62	60	60
6060347	46	48	49	73	54	50	44	59
6040156	68	60	103	85	65	187	343	228
3870593	68	83	70	76	61	88	72	81
3610180	46	39	46	32	40	43	45	45
6450403	39	37	41	44	41	35	41	48
4260280	66	70	71	72	70	76	94	59
6650215	80	83	85	60	79	100	72	68
2190139	37	36	43	48	48	38	241	41
4850170	42	50	53	53	42	50	39	44
5310343	46	45	54	45	47	258	50	53
3710176	70	85	77	69	70	119	78	92
1450671	99	100	96	213	99	197	206	76
3830598	54	50	44	50	59	60	53	51
3830170	334	158	218	329	410	324	327	485
5340348	227	73	66	62	74	60	61	60
780356	65	51	52	57	46	67	67	64
5360070	472	848	671	1483	1641	2212	1922	862
6250672	208	110	58	371	401	280	157	267
580100	86	81	89	84	241	60	57	55
7210136	49	41	50	39	51	40	191	39

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
1170671	147	52	74	38	46	9363	802	39
1580411	97	47	73	40	41	8478	805	43
20129	492	117	124	77	70	289	1169	70
4220068	277	98	185	76	395	134	100	73
3940504	113	79	96	124	87	1499	81	93
770167	287	127	97	106	84	70	77	95
4200451	68	149	118	264	174	261	281	101
3460152	70	127	114	289	171	346	325	143
2940398	52	171	105	410	245	383	285	187
2260424	94	67	864	76	95	68	62	83
1260025	346	363	338	509	486	437	502	649
5260014	235	585	392	588	682	1138	586	568
2360632	70	53	64	67	80	70	60	110
6350437	375	58	582	64	460	703	116	395
4920019	69	80	68	74	86	71	116	74
7050053	73	67	64	60	50	73	55	68
2350730	60	65	48	63	784	51	66	59
6860446	97	81	82	79	74	65	82	101
6840609	75	71	72	128	55	69	73	79
5270022	68	51	51	110	58	49	45	47
2650484	42	40	44	52	55	41	44	43
5550372	72	65	74	75	72	70	83	69
1580487	208	131	295	310	192	356	314	309
6420356	43	42	235	44	43	38	34	40
5290711	50	53	54	54	50	43	69	45
780528	617	2043	1672	2428	2072	2822	1533	1509
5670722	71	62	63	61	46	80	77	57
3780291	356	274	220	139	93	247	326	198
2650673	35	42	50	43	50	40	48	47
7160376	75	65	65	76	64	76	62	61
6370414	83	85	50	45	42	38	42	43
670398	124	155	217	60	77	207	95	206
10187	168	311	327	594	295	277	225	249
6100139	40	52	60	43	50	52	42	55
3390372	192	204	47	45	44	40	45	37
1450392	223	62	61	39	42	48	51	55
4010136	397	73	63	49	60	49	51	45
5390113	184	139	135	98	59	2694	147	187
580754	45	64	43	42	86	40	60	42
2260445	52	57	61	57	73	52	55	54
1170047	859	868	207	67	4910	1290	58	205

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
5860048	76	99	163	166	174	163	180	91
360296	515	165	2361	59	153	58	54	61
540685	50	49	57	43	57	50	62	61
4280440	131	66	80	86	88	99	64	115
3830202	48	513	64	68	107	67	1759	49
4010095	47	207	53	179	48	46	236	48
6900377	38	231	43	118	46	42	486	43
7650739	64	60	65	68	69	58	63	66
3870608	368	348	274	347	208	443	307	233
6370541	39	42	40	45	49	42	41	48
5860674	49	59	70	71	52	60	96	49
5820551	80	77	52	70	71	60	530	73
7510128	69	76	78	61	96	70	186	81
1230603	67	57	77	71	65	83	307	63
2710504	35	37	39	42	44	48	52	44
5220196	274	248	320	258	244	644	224	388
620041	57	42	41	49	42	41	1473	48
6580626	250	214	46	118	43	596	43	80
2100711	51	53	108	44	52	41	44	45
2260274	42	51	67	498	68	47	38	133
4850746	78	53	64	63	82	67	66	66
7380678	32	35	36	39	37	79	37	38
4890750	309	167	163	165	179	244	199	166
5960672	1165	617	866	441	883	996	653	805
870477	61	51	65	71	41	77	72	67
2230341	75	78	78	61	74	61	72	62
1770497	63	69	46	60	38	83	71	65
5550553	85	94	66	110	122	168	266	183
4890671	77	77	63	65	65	59	70	153
20192	207	179	180	236	157	320	207	207
5900017	41	79	76	119	195	89	117	61
7040100	38	41	37	47	43	39	40	42
6220209	101	85	43	40	66	51	36	46
5570703	57	70	63	71	63	55	66	62
1190091	72	62	66	77	59	77	73	95
2370768	49	71	42	55	43	41	38	41
6420736	119	240	118	69	477	82	770	169
2450411	92	258	120	54	518	50	811	164
5720465	114	239	142	70	557	78	851	155
450736	71	80	80	72	77	58	83	70
7550086	37	42	49	46	44	41	45	40

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
940746	91	43	101	44	38	39	47	48
4280132	53	62	62	62	55	54	1646	54
4280504	46	50	48	50	44	40	807	52
6330553	498	669	306	376	183	183	219	200
2100743	3000	925	560	720	227	417	244	658
6560523	1011	295	219	293	129	209	165	195
5340338	194	423	277	352	742	2094	709	655
6650196	165	138	543	272	247	349	273	272
6350204	67	66	73	67	89	73	59	78
1170605	255	128	180	193	67	149	160	529
670333	46	40	119	51	45	47	44	41
1410240	46	44	115	37	39	41	45	41
6370356	342	67	3955	55	1229	180	625	7251
2510356	57	66	45	51	42	46	41	50
5270468	45	49	45	45	45	48	49	43
1030209	42	40	43	45	36	40	45	47
4200437	370	359	358	342	592	467	611	688
830543	55	58	137	36	53	40	37	38
5690112	64	43	76	52	40	65	43	44
3360095	70	86	56	92	73	63	81	982
7040678	45	44	44	46	51	50	48	51
4200541	179	121	125	477	120	167	597	215
2370646	170	884	47	41	215	53	65	45
5130100	49	39	79	38	113	43	37	44
1660243	40	32	48	43	33	42	42	47
6220307	67	56	60	73	65	61	61	61
3460446	93	78	163	93	60	73	73	75
2940403	2127	187	1619	1005	458	1495	736	919
1580215	104	106	150	212	135	188	185	231
130463	1037	69	96	47	50	81	52	51
4120703	54	38	264	42	43	142	164	338
6980367	76	79	58	59	49	51	54	49
3180156	58	63	61	60	51	50	62	58
3780193	40	79	44	53	45	42	70	49
5130255	41	44	35	34	41	54	38	37
2850703	71	63	64	55	65	57	59	63
7400072	68	67	67	82	70	67	74	65
7210240	66	55	57	77	80	76	74	89
5270619	411	96	113	458	77	612	82	647
2030451	49	43	43	52	44	47	34	41
10504	1480	57	42	46	40	37	53	54

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
2230008	96	33	36	37	38	38	37	44
3180025	47	37	36	43	42	43	44	47
2480228	69	63	55	99	72	61	53	70
6110022	73	64	67	61	84	70	86	65
4290014	323	347	494	307	626	386	481	583
7550368	148	78	908	91	83	701	168	752
7000575	77	81	83	91	70	84	79	90
5700095	60	61	66	55	59	67	58	67
2570500	123	87	77	76	70	79	65	64
1660341	562	318	857	124	167	306	224	434
1400433	259	145	301	83	109	140	147	142
4610592	476	54	52	84	54	67	411	79
3170204	53	43	42	108	36	44	49	45
6860154	41	44	38	44	42	39	42	47
1260468	52	39	55	43	40	51	53	42
4780278	54	63	56	59	71	65	61	68
240053	58	65	58	104	69	205	85	147
4610520	42	36	34	123	70	43	42	43
3190167	41	45	54	44	58	40	51	51
5340730	58	53	62	98	65	79	83	70
940692	38	38	32	38	49	39	49	43
7320193	56	52	42	46	41	50	43	44
6330477	78	65	71	86	77	76	69	74
2340553	85	107	114	78	112	151	116	103
1660184	60	46	48	47	45	50	44	39
450368	45	44	42	110	42	45	47	64
3830044	72	58	91	69	57	65	83	161
6290554	86	89	82	78	76	320	2798	65
3830332	51	70	70	75	79	64	73	64
1050414	97	134	85	71	76	76	115	77
780600	192	1717	180	2293	751	63	49	52
7050333	79	60	74	66	65	116	91	89
4290465	55	60	53	46	54	54	68	48
5720482	661	936	173	1561	551	1522	50	52
5260070	571	1532	365	826	1444	3921	845	1147
610201	84	158	187	101	164	683	1930	369
5570279	1349	162	829	827	479	183	6086	293
290730	1341	165	1129	149	556	51	1874	1054
6200669	604	114	484	141	270	79	1231	386
6290685	90	91	123	96	147	120	1227	82
6110630	4216	862	3989	1930	2272	326	11592	4216

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
5050402	956	232	1289	437	535	119	5355	438
2970019	175	114	255	52	160	43	1019	76
610451	434	181	630	683	495	121	1650	772
6100022	403	148	479	533	437	119	1389	923
870301	67	56	65	81	63	77	70	66
5260091	65	55	55	68	56	57	56	51
3460608	57	64	102	47	126	48	65	61
6590131	78	50	70	59	67	68	67	71
2140196	69	73	67	56	64	75	58	72
990091	62	57	63	76	59	57	84	79
2260747	72	54	106	98	252	71	56	72
3170403	61	58	59	65	69	56	76	56
5570711	72	99	52	339	53	65	66	54
4920131	106	92	72	42	38	38	51	238
3290368	39	40	49	39	231	44	39	41
4120161	114	96	37	42	62	36	54	126
6200044	63	59	53	40	60	48	56	81
5420386	55	840	60	66	77	50	64	67
1230538	49	55	622	45	352	322	51	40
380259	61	76	50	239	45	46	44	45
2140376	55	75	43	68	63	67	79	60
870626	75	78	78	73	87	74	103	82
4040474	56	52	76	50	55	59	59	52
7200719	468	568	1478	662	566	294	330	496
2100196	362	2327	449	2691	4154	1287	430	256
2690224	392	597	448	489	450	334	556	786
730722	57	68	67	61	85	63	69	58
7610170	46	48	47	49	47	42	52	44
6960563	44	39	38	37	39	44	48	47
7320349	107	75	75	93	68	98	83	99
6960739	75	65	66	93	61	70	72	64
5390435	55	46	54	71	64	65	48	47
4060192	190	124	82	69	85	390	1352	114
6220309	70	67	272	104	84	91	125	76
5490711	58	48	60	50	38	48	58	45
4390291	69	52	68	86	94	65	78	82
2000274	41	42	37	42	42	36	42	39
6960259	102	55	68	56	65	67	80	68
3370544	59	60	60	59	55	63	53	57
3130711	111	69	73	63	78	65	68	85
4810703	129	78	73	256	839	190	133	255

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
6660671	71	68	46	117	366	131	125	127
1940193	82	74	172	73	66	98	95	133
990112	93	74	85	67	70	74	87	103
4810424	37	38	39	41	152	47	43	105
580292	49	59	51	76	67	62	83	66
2320296	65	44	54	49	43	56	49	47
3990739	84	74	64	143	56	88	279	246
2030259	41	38	39	37	43	37	43	33
5490040	101	75	70	65	64	75	71	74
6400703	112	188	143	224	112	69	324	154
1570184	90	76	51	49	39	51	52	56
3610730	96	55	66	211	121	68	96	50
7380392	254	177	79	64	60	68	55	85
5900273	86	77	171	80	80	72	82	68
1510075	98	45	362	45	47	47	46	37
6860634	51	49	71	55	43	118	44	53
6620259	68	71	92	72	73	75	72	90
540204	121	92	75	70	76	70	75	104
5080259	54	37	49	46	47	47	34	51
990086	67	54	43	40	46	42	49	48
3140259	94	65	50	38	68	51	51	57
2100189	223	149	399	292	152	472	179	530
4250246	471	398	179	832	754	266	638	1570
1980079	117	90	75	69	69	95	95	92
4850300	114	175	404	295	139	133	153	500
6520440	419	57	1961	53	64	54	63	249
4210561	220	141	260	136	161	209	235	523
510632	218	133	175	53	193	206	58	208
4050398	49	48	51	41	59	48	47	53
5960524	64	57	67	65	64	61	87	93
460202	42	50	39	65	93	37	40	40
3780491	56	69	68	74	61	91	68	68
5290707	72	88	78	73	79	73	68	70
1450619	42	48	41	38	45	46	51	39
3190524	312	532	294	669	448	634	856	542
3840445	178	81	60	1835	5258	50	55	60
2060414	60	66	53	67	60	60	53	58
5860289	39	43	43	862	36	41	42	45
430446	49	47	46	12726	133	46	47	102
7040142	108	97	77	220	1826	72	179	687
3460685	131	155	88	336	4068	40	277	2160

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
5490358	48	44	48	49	45	51	53	47
4390100	64	61	39	2171	42	40	48	47
3140427	42	63	62	70	67	55	73	79
4390398	102	84	99	10650	310	82	148	87
520465	47	41	42	45	51	63	43	51
1570148	44	40	41	40	40	45	36	40
5860528	74	64	64	76	59	80	72	57
3180615	78	65	54	386	63	70	72	60
6840209	47	45	41	43	52	50	49	48
3710161	59	67	69	71	78	77	91	71
1470168	45	42	44	45	45	43	41	42
2900343	135	594	36	37	41	40	40	36
6420450	214	219	233	164	145	2320	213	247
4220482	97	46	45	43	50	45	954	48
5260672	74	94	66	138	103	77	72	66
6980632	148	64	414	408	65	303	415	1954
6660687	84	105	107	185	104	130	220	169
2690438	76	144	110	163	79	124	111	71
5270551	79	129	83	198	219	315	359	226
240343	154	61	60	55	55	56	76	56
1240408	185	134	199	77	66	187	81	164
4480528	1446	497	945	222	133	620	200	909
240386	185	118	302	140	168	279	466	56
3780767	164	65	65	114	121	119	90	72
6620373	108	93	251	118	126	265	336	52
3930669	62	53	52	59	58	64	51	68
5490307	80	62	65	52	104	71	104	71
3060187	464	379	505	90	137	550	113	306
2490132	55	55	63	51	80	56	58	48
4150685	109	106	128	72	75	118	88	85
2260037	79	72	73	257	290	82	193	2711
1260064	148	161	187	246	445	257	395	510
1660220	167	96	254	129	238	173	183	174
6400484	74	62	55	51	54	53	72	74
4850189	76	44	104	53	41	50	45	54
4760196	71	50	59	72	60	77	70	70
670670	42	43	47	43	47	42	43	50
6370008	62	69	72	62	66	57	58	83
4490594	12868	9592	7492	1858	2131	4426	2308	3013
2970152	54	51	56	61	67	49	78	66
1820288	373	358	926	236	183	356	275	473

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
3360327	93	107	109	108	120	117	167	104
4480762	82	121	66	69	84	71	76	65
4280093	700	313	803	94	154	284	215	359
3850367	683	414	1221	339	210	324	334	651
110333	63	66	90	202	52	65	66	97
3610520	74	90	102	68	107	254	186	166
2710121	80	79	91	78	114	957	140	78
5670372	169	104	116	71	51	2249	100	165
670066	58	42	58	61	50	68	58	90
2360739	59	62	64	54	56	58	42	48
380519	352	385	684	197	191	368	251	452
4040113	73	63	63	103	77	68	92	82
6130152	491	91	85	275	238	97	202	88
5960328	74	75	82	82	86	88	73	92
4590332	61	69	66	68	78	75	55	69
4780754	54	56	66	56	67	57	52	53
2120189	68	70	76	69	75	81	70	60
1410747	74	80	80	70	65	86	76	66
5820746	73	86	82	126	71	108	83	69
6020242	2199	236	84	61	62	58	66	61
6580088	695	198	322	94	108	444	98	354
580445	87	53	395	81	82	63	55	102
6400414	109	94	80	63	56	104	73	199
5870653	63	57	47	78	50	50	57	57
5560707	64	62	59	60	84	71	63	68
6290450	87	68	56	51	62	47	48	64
4760673	64	78	63	65	5176	72	81	56
6770706	55	55	54	52	60	52	50	50
6180546	43	54	60	49	46	56	55	65
4390386	100	132	71	92	110	65	1932	80
6350091	44	46	47	57	44	62	59	56
1570286	72	77	81	62	57	75	72	89
1510519	65	82	81	73	64	76	97	65
60546	62	60	56	62	66	73	51	63
5700360	67	66	76	69	72	79	54	78
5420324	71	77	95	133	75	61	78	73
50291	59	73	75	57	66	78	67	67
2340088	56	52	51	69	70	59	70	47
6840278	51	62	50	61	54	60	66	59
2060372	735	401	323	132	162	489	233	243
5720491	393	273	182	212	166	755	259	404

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
6770746	349	157	149	140	133	290	157	85
5670280	562	436	284	482	484	348	747	402
5080138	76	82	75	62	64	78	80	67
4760192	78	67	79	76	75	76	74	81
2650056	114	106	122	195	71	115	464	142
1850168	69	68	65	81	75	71	133	68
6770441	82	85	65	132	81	79	88	81
3060703	84	122	90	287	167	121	616	195
2810504	366	137	404	129	243	350	232	469
3170431	291	197	147	91	70	269	230	189
6660162	71	88	77	942	117	90	289	172
7150324	128	97	72	82	102	540	128	92
2810687	399	296	272	251	261	420	405	252
4490544	43	41	41	48	38	45	56	50
3990561	448	99	166	57	88	76	69	71
240220	139	125	97	95	399	40	74	67
6370754	38	272	40	47	278	40	541	47
3140349	63	87	47	82	56	61	76	71
5910612	79	82	1052	2160	85	67	97	80
4200722	55	51	46	49	61	40	666	47
6660368	49	47	52	47	50	259	58	43
4590477	140	101	97	87	61	958	92	69
1400142	113	57	71	73	85	68	79	49
270470	184	61	64	66	76	73	70	61
6900170	72	42	47	42	33	40	45	45
3170450	283	95	122	54	68	84	54	64
1450446	62	61	52	61	53	59	55	59
5670709	117	99	99	74	68	102	98	98
6770408	253	504	486	1378	1111	1205	632	789
6290494	264	828	522	949	877	900	658	812
6020170	632	1702	761	1094	1352	1216	1182	850
5490068	375	94	65	193	205	155	41	52
4540414	247	386	241	305	177	240	193	216
3780437	34	37	33	37	33	45	46	39
3520338	46	48	42	66	176	49	50	89
770682	83	100	119	106	97	1628	101	112
7330367	52	61	64	72	77	64	56	77
2370632	423	1266	478	101	104	67	90	94
4760626	40	44	48	45	49	48	40	46
3180528	8786	17107	2227	42	34	46	44	310
1230228	235	64	57	69	1516	72	65	65

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
4150598	41	34	40	43	49	49	34	74
3060273	57	52	41	43	48	59	47	40
7200601	574	104	92	539	384	59	417	988
7650026	1932	295	169	1287	1248	157	1099	2369
1850315	68	66	70	73	66	68	94	90
2490070	65	76	67	342	763	72	94	263
1300240	66	74	70	76	78	68	86	78
6980762	47	44	42	47	51	49	50	248
7380670	93	91	86	174	134	3738	2811	1726
5340220	45	43	44	43	45	43	82	40
6100360	49	49	54	337	51	38	296	53
3990577	69	63	71	67	86	62	78	74
1710692	46	52	52	53	73	47	101	85
1450468	114	53	62	53	57	107	73	152
6250040	291	257	237	310	341	195	195	179
5890170	50	47	41	55	46	54	55	46
2100296	1883	81	91	60	67	80	81	91
3180681	82	84	58	46	42	55	50	58
7650538	276	328	152	45	40	891	504	41
4060438	803	1336	146	62	56	68	51	47
1660767	62	261	50	40	52	53	51	49
1570309	79	89	83	184	196	182	218	91
4610669	130	94	119	278	275	314	341	172
1990731	848	72	59	73	72	63	64	77
7610441	282	67	75	74	80	110	95	130
5670129	47	40	53	72	45	47	47	48
7050220	176	56	62	2119	646	62	3321	163
3140131	48	39	43	42	44	45	47	44
4880138	56	45	48	42	46	41	40	40
5340458	96	150	111	168	197	250	288	249
580181	82	101	93	57	79	126	93	89
3940520	379	721	437	1763	1098	876	806	1580
4220326	71	54	97	68	74	74	64	66
2320215	53	61	160	315	387	712	586	577
7100541	102	63	74	294	333	218	560	503
3360707	47	50	46	55	44	56	47	45
3450286	52	59	68	67	53	77	73	61
840494	40	42	72	40	39	36	54	43
6770131	46	41	40	38	42	44	33	38
4610333	62	54	71	58	54	78	67	67
6350192	106	82	68	66	421	243	96	105

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
110189	88	64	50	71	236	151	85	72
2480431	75	54	61	50	228	141	81	91
450020	61	54	58	68	60	60	59	64
620202	60	70	62	77	121	92	83	160
3930379	119	207	161	164	187	222	166	131
7100431	103	68	105	63	62	1919	84	83
5490301	377	378	663	197	184	338	358	483
3890601	64	69	72	253	66	66	79	133
1240195	45	2088	36	41	42	29	59	43
4850528	60	2256	78	77	69	71	197	60
2650075	54	4605	45	47	47	81	2431	48
5900608	75	6040	84	68	69	144	2524	90
20112	487	50	48	49	47	49	56	56
2900064	68	67	58	70	66	65	66	73
4850070	51	49	71	46	42	49	57	57
1090451	61	60	94	74	71	57	73	81
3420554	70	322	188	937	404	925	1197	340
2970370	494	379	204	55	50	60	51	53
7570753	155	644	50	48	59	92	53	268
6290008	178	86	66	45	44	51	47	66
1510014	442	701	393	279	387	762	576	954
7200609	80	182	68	76	236	72	80	83
520176	54	127	46	41	182	40	55	42
4210678	169	72	495	66	74	68	82	247
7040019	45	35	40	36	39	49	34	36
110347	146	306	126	244	188	207	90	178
4120427	101	50	61	56	721	61	57	55
1260762	64	59	59	266	77	59	72	65
1510332	58	59	78	182	64	80	68	74
3140373	42	48	47	57	50	53	41	37
1580437	35	39	45	354	42	52	49	52
770739	157	88	79	184	87	83	109	76
1050168	39	48	43	85	140	46	43	44
3310093	267	365	230	292	135	307	156	452
1570039	620	531	497	231	256	339	380	651
6200168	85	90	161	224	200	220	1128	135
4010519	47	70	49	48	56	51	56	64
2480424	358	187	165	476	72	223	118	176
3850064	152	518	394	192	186	461	981	145
3450332	61	56	50	58	54	53	69	55
4780139	68	65	63	51	78	63	55	67

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
6330187	92	64	76	745	80	260	240	197
6840739	88	77	66	278	65	158	138	99
6420687	67	65	65	65	67	63	86	73
7150132	613	581	852	270	380	817	357	436
5810253	184	646	280	349	606	385	387	408
2710452	46	49	55	42	50	89	46	48
7400598	201	68	67	70	70	344	184	76
770615	41	42	44	37	46	45	47	39
290136	52	60	59	58	54	59	56	56
6450746	43	39	44	53	51	48	40	40
4250626	94	82	228	167	285	84	122	290
5390474	215	336	101	37	57	41	36	44
4480301	865	95	1512	135	268	477	5651	128
2690519	350	81	685	73	160	216	2394	64
2260615	973	810	652	424	809	574	505	970
4780373	70	75	77	463	696	85	472	78
6330593	1153	260	517	48	51	50	53	56
940646	158	83	97	58	70	61	67	69
6900414	75	106	87	82	80	78	122	70
6400465	157	116	94	307	57	784	56	422
3850603	71	237	83	89	90	96	120	72
2350132	58	70	47	45	122	40	400	47
130754	57	68	49	43	54	47	41	43
1510291	772	1851	1008	2935	2704	3311	2953	1113
5960224	298	763	426	1081	978	1407	1248	402
5490689	65	90	50	68	56	64	60	71
6400603	57	46	52	45	46	1241	38	40
1410603	254	230	169	817	249	245	617	548
2760239	56	54	82	53	51	320	56	88
450132	718	239	238	188	185	278	324	369
3420372	67	70	108	129	60	201	198	139
1300187	201	109	237	97	164	143	279	307
3610170	80	66	62	110	75	87	104	70
6350475	84	65	76	74	75	78	66	65
6590438	40	38	43	49	48	49	43	43
1260722	49	45	55	47	63	61	61	49
4010592	57	134	52	57	63	57	75	64
7160739	66	52	57	77	63	57	123	65
2650370	505	630	1320	861	1182	1653	458	1406
2570220	255	157	230	186	180	429	364	265
3930372	70	67	72	64	65	70	60	65

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
7560497	152	43	88	38	51	151	50	79
1510424	42	43	45	2028	3410	55	259	297
130338	53	53	55	62	52	53	54	49
1690563	54	41	63	911	49	44	54	50
4050291	39	38	42	59	41	44	49	49
3710022	50	51	51	218	45	48	47	50
2350482	59	65	80	61	79	65	76	75
5050270	175	234	851	98	84	82	65	405
3850767	263	63	1266	56	54	1151	55	583
4900520	91	405	129	90	747	75	92	80
5260343	59	91	1803	43	63	68	39	42
520370	57	57	64	68	71	67	61	62
6840154	47	40	44	54	41	40	43	43
3130706	68	77	63	61	58	85	79	81
3990278	37	37	45	46	38	43	54	40
4890021	269	64	181	73	62	503	47	105
5720379	60	62	81	69	58	58	210	280
5700441	39	39	47	40	40	39	64	115
6770333	92	55	56	56	41	46	46	49
1050563	46	45	48	45	52	57	55	49
830095	40	38	38	40	40	41	43	43
450246	5651	66	67	85	58	80	171	64
2970112	782	69	73	70	94	91	95	92
1710356	1222	77	65	57	60	79	78	73
510561	3880	50	45	50	47	45	52	53
5670082	55	51	667	55	55	55	47	75
730093	45	103	65	45	42	46	45	46
730148	77	74	72	107	101	70	78	253
4220053	81	56	58	44	53	304	43	41
270301	75	74	56	61	66	79	66	58
2070372	80	90	98	73	92	132	73	320
1580653	82	81	74	123	80	71	80	58
10066	50	49	51	51	44	49	51	45
3120286	100	67	189	57	57	56	187	56
6480450	49	52	48	45	45	46	52	116
6650152	61	79	52	66	55	50	65	60
2570672	43	40	44	46	39	42	39	47
4670138	54	49	60	62	530	68	455	520
20609	67	68	172	208	78	135	595	824
4480390	44	41	112	41	50	44	36	39
7380152	3379	503	644	354	328	272	223	461

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
2810762	58	65	56	104	57	70	60	70
1740692	62	72	66	70	74	61	62	66
2450452	197	94	165	925	1726	1439	702	3894
4850576	41	44	38	111	87	39	45	47
510133	736	392	315	134	165	529	237	250
2640598	74	67	74	65	68	135	57	63
6330730	2758	2953	154	389	269	41	42	41
4560228	50	64	55	53	72	69	56	53
4610201	76	101	149	191	135	177	239	186
6510156	102	68	508	1235	65	407	224	2887
5390767	61	43	60	57	60	113	61	53
5490465	72	65	74	48	61	55	68	61
6960438	99	84	92	56	61	111	69	77
4060025	59	84	82	44	79	67	109	58
4850711	72	76	146	103	95	122	138	250
3990497	238	193	539	323	231	235	322	235
4200711	87	82	99	84	68	109	73	105
3180647	101	97	72	63	75	85	62	150
1090196	61	47	81	70	51	94	91	195
5260280	94	117	114	64	127	140	97	60
6290091	367	121	241	200	118	287	251	443
2710687	99	139	82	60	67	71	57	75
6270731	62	64	65	54	74	85	55	60
3840091	91	81	74	85	92	84	129	97
2510164	193	147	358	205	201	232	269	235
580161	117	70	179	178	95	163	150	186
380685	160	74	326	175	153	237	226	289
4210044	77	77	93	85	81	92	79	71
2450020	65	68	181	51	53	151	78	78
20543	80	54	57	58	52	67	74	58
4390044	63	52	61	57	60	53	67	64
3870156	63	93	100	58	64	72	58	63
1850273	79	79	92	69	60	71	76	83
3310037	62	53	48	46	41	50	44	52
3370736	657	788	2081	190	333	1988	135	617
5310368	39	41	42	45	132	51	48	101
160433	46	54	1332	41	49	48	39	42
2070735	379	508	565	154	163	376	289	165
3710711	809	920	897	178	253	682	578	325
6860138	59	79	62	57	60	74	67	65
5340692	103	101	211	224	230	399	418	339

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
270347	140	187	138	432	137	180	267	194
2690577	78	61	88	52	51	158	49	130
870475	84	73	98	70	65	160	78	136
540014	70	52	57	66	66	55	54	54
6040433	67	38	139	43	41	48	42	47
4810730	159	55	69	82	52	58	71	80
3180639	38	38	75	35	37	42	32	39
60017	65	61	62	92	67	60	76	68
3520768	106	38	38	75	43	44	44	40
4280192	60	71	76	60	63	67	77	123
770255	65	69	62	72	71	65	57	66
1770603	56	35	35	38	65	38	60	55
1410192	77	69	77	71	255	374	76	72
1230672	50	47	46	46	44	48	47	6928
4040632	68	59	70	69	57	55	72	61
4730376	44	37	53	43	36	44	40	46
4900634	42	37	44	39	42	46	44	78
4290209	202	115	128	369	135	245	918	319
940674	41	43	41	62	61	45	38	98
3360762	70	69	110	136	78	87	180	367
6180750	44	39	39	31	40	35	48	43
2320168	48	62	57	40	41	49	47	43
6980470	45	40	37	51	410	76	50	48
2640301	49	61	52	47	55	49	44	43
6100484	77	71	64	70	67	61	55	53
6060376	147	81	140	227	63	69	592	168
2570161	93	95	114	392	300	302	66	379
990441	46	44	39	51	47	111	49	48
4730564	151	157	139	278	236	223	166	1523
4890092	125	93	148	178	137	204	176	368
430300	63	62	58	64	61	386	59	68
3850326	43	39	44	48	48	54	40	45
2030709	57	75	77	67	65	83	106	78
5260253	40	41	42	47	39	43	42	40
6040731	44	39	44	41	39	37	47	52
6420605	81	82	80	84	72	70	72	70
4250367	79	63	81	1084	117	69	541	76
3930086	662	576	885	863	665	829	679	736
6580059	199	233	253	56	232	1347	753	916
1070088	66	69	71	64	57	66	60	65
6370703	44	39	43	247	52	37	42	57

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
6860392	72	100	72	70	69	67	68	96
2190408	57	55	63	52	51	48	43	57
3390215	61	63	64	67	61	49	58	75
7000619	87	81	88	66	62	352	163	84
5420189	61	75	54	84	46	53	2111	54
5570181	61	92	54	106	64	57	1888	71
5810730	43	41	40	44	37	45	54	37
5900228	62	74	66	68	59	81	301	51
5360601	102	95	86	114	111	92	2146	82
7610524	43	67	57	69	57	65	172	53
2850619	94	106	205	91	75	153	363	1681
3130372	54	45	37	44	48	46	51	43
5910414	53	43	51	49	42	41	53	42
5870091	58	60	63	56	58	59	66	57
1090008	40	37	35	44	46	36	36	36
70451	610	388	222	121	83	2367	272	105
3710026	46	60	57	60	98	185	77	129
4260286	76	79	79	641	112	88	101	105
2810451	52	42	40	47	194	36	41	1730
5700431	165	175	129	215	175	328	94	126
1240746	66	78	64	79	72	70	57	60
2710343	49	50	54	140	49	54	41	40
6840202	68	59	75	62	93	72	62	69
6940431	72	82	116	55	52	54	54	58
4490743	59	217	49	47	58	62	4652	63
4810632	59	186	84	53	55	71	4460	51
5220753	65	170	68	62	92	71	3768	54
6200091	59	61	70	53	64	62	466	48
2690279	72	53	180	48	51	49	46	41
6590523	60	62	142	242	131	255	47	283
670414	83	48	46	45	56	58	55	84
4490288	67	79	54	47	39	39	47	61
6580717	222	106	123	70	43	42	45	112
5560411	279	245	305	214	120	282	244	509
1170154	124	171	190	81	118	137	180	148
3290152	106	147	156	70	84	166	140	237
3310592	6102	4376	4003	619	669	1395	1230	867
3450750	11275	8244	6444	1003	1157	2953	1260	1616
3400070	396	186	382	282	266	235	243	292
20603	419	238	265	224	211	551	463	531
6580113	51	56	65	61	72	59	77	61

ProbeID	[[281], Bone Osteosarcoma metastatic, MBA_2230	[[282], Smooth muscle Sarcoma metastatic consistent with leiomyosarcoma primary, MBA_2229	[[283], Endometrium Endometrial stromal sarcomametastatic, MBA_2245	[[284], Human Tumor Cell Line: A431, MBA_2222	[[285], Human Tumor Cell Line: Hela, MBA_2223	[[286], Human Tumor Cell Line: Jurkat, MBA_2224	[[287], Human Tumor Cell Line: K 562, MBA_2225	[[288], Human Tumor Cell Line: MCF 7, MBA_2226
5870008	118	64	88	56	66	8997	169	73
7050201	71	64	68	59	63	73	60	56
150735	112	75	56	61	54	59	56	60
510066	682	63	51	71	65	60	60	69
1470162	77	71	68	74	73	71	74	80
3520168	2179	731	2471	2334	646	328	10302	11839
1980538	130	63	75	71	59	78	97	58
5820026	72	84	78	73	67	62	65	74

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
1170671	92	59	271	198	49	361	848	110	457	216	200	253	203
1580411	99	49	261	172	44	336	837	124	402	185	149	201	207
20129	122	109	430	292	102	479	1267	210	496	235	515	477	412
4220068	83	64	97	80	61	101	86	70	90	234	76	83	74
3940504	135	82	123	301	91	479	772	108	1411	225	152	94	156
770167	166	89	125	216	103	145	281	140	333	137	165	200	213
4200451	97	53	85	62	51	107	112	43	56	114	42	75	62
3460152	119	44	101	60	55	139	112	45	50	110	44	60	61
2940398	143	46	90	57	41	537	155	56	47	185	53	60	49
2260424	45	62	52	57	2009	85	61	240	61	71	67	62	64
1260025	464	410	377	254	506	498	356	305	332	380	341	346	259
5260014	444	58	421	77	93	447	233	45	95	607	49	80	87
2360632	109	76	297	98	69	64	60	53	4996	3452	73	65	107
6350437	115	53	41	84	535	61	132	48	82	90	104	57	160
4920019	72	71	65	72	2694	64	70	66	78	80	72	73	73
7050053	60	52	44	57	631	68	67	65	60	58	61	69	70
2350730	64	58	52	64	52	49	62	57	67	61	51	65	56
6860446	92	79	84	70	77	78	71	73	77	77	99	81	108
6840609	78	85	113	84	79	115	78	65	73	76	65	84	216
5270022	50	48	121	55	45	114	52	45	42	53	49	72	247
2650484	52	44	57	48	45	52	40	50	50	42	51	43	41
5550372	68	63	76	72	67	107	63	68	78	88	74	70	112
1580487	267	155	218	120	94	488	822	174	250	419	536	208	211
6420356	44	45	42	101	18061	150	66	98	201	49	38	44	47
5290711	52	549	39	41	42	55	53	62	52	88	43	40	45
780528	1043	461	1401	550	149	2522	1199	192	329	1421	224	401	175
5670722	183	89	69	93	70	63	69	74	5789	3379	75	73	90
3780291	2607	127	128	160	485	714	389	161	217	2876	944	371	367
2650673	1840	39	40	65	46	43	42	41	47	43	43	49	497
7160376	70	66	64	69	87	53	59	73	81	73	69	76	54
6370414	42	60	74	51	42	69	88	58	62	56	59	73	56
670398	75	72	78	67	212	274	189	87	86	64	65	83	85
10187	187	432	242	136	441	315	264	322	191	175	115	186	161
6100139	47	75	41	53	44	44	48	50	55	64	47	43	45
3390372	44	47	87	54	2009	48	44	81	46	39	42	45	68
1450392	52	61	53	43	46	47	49	59	52	47	55	53	45
4010136	56	55	43	56	43	65	58	53	55	47	57	55	56
5390113	140	99	262	189	73	299	593	135	312	162	198	261	193
580754	44	44	42	41	43	97	50	46	42	47	45	38	43
2260445	53	59	58	54	125	54	53	52	56	51	49	50	61
1170047	3792	159	536	2718	301	4270	2551	245	1932	5028	325	567	1386

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
5860048	272	113	159	210	116	220	253	109	467	151	76	128	82
360296	133	70	69	78	734	387	389	83	123	74	90	105	89
540685	51	72	54	293	65	60	61	58	62	50	6697	17024	2124
4280440	108	74	60	95	4408	80	115	101	67	105	84	86	75
3830202	53	62	77	44	65	62	87	44	49	45	56	51	51
4010095	45	52	263	41	51	56	55	51	53	50	47	46	43
6900377	48	37	174	36	45	43	62	41	39	39	37	44	42
7650739	69	64	48	66	74	66	56	78	58	56	65	53	57
3870608	223	299	177	200	290	369	275	218	215	399	566	417	401
6370541	139	47	317	782	150	49	46	70	1041	752	45	2236	4460
5860674	70	52	54	70	62	76	116	55	65	59	60	67	67
5820551	72	64	59	80	67	98	205	53	74	63	72	63	73
7510128	77	102	83	74	65	69	165	59	79	74	71	72	67
1230603	76	84	75	70	65	102	144	84	69	77	74	80	72
2710504	46	41	42	42	38	41	35	50	39	42	46	41	43
5220196	268	310	204	211	241	290	305	252	239	253	179	287	251
620041	37	46	47	49	47	44	47	43	42	38	45	42	47
6580626	115	155	261	70	1793	49	49	64	74	54	85	61	82
2100711	67	83	57	62	129	84	98	64	57	58	14059	5233	224
2260274	96	63	156	50	43	44	42	184	44	49	822	191	138
4850746	63	75	67	61	64	63	70	66	70	67	58	64	68
7380678	572	45	37	105	1288	44	38	35	166	1322	807	176	68
4890750	120	101	116	94	101	291	332	125	86	154	144	114	102
5960672	684	535	625	456	579	649	914	516	447	989	525	616	455
870477	61	66	58	67	54	50	64	62	1573	1605	72	100	59
2230341	69	67	85	72	59	78	86	72	13901	10687	75	86	65
1770497	63	77	54	62	62	76	52	72	8478	3292	75	74	53
5550553	124	86	234	136	120	209	146	217	69	108	75	104	79
4890671	57	73	198	70	109	66	63	74	63	56	606	76	69
20192	194	172	176	125	109	227	204	127	178	137	90	138	165
5900017	80	50	64	46	42	82	73	41	52	87	42	45	50
7040100	44	37	41	40	59	37	41	40	15141	458	32	45	1115
6220209	16951	54	50	1080	46	52	40	45	1279	4089	54	58	3365
5570703	63	73	63	58	57	847	130	65	65	50	70	50	51
1190091	72	72	109	76	61	84	61	76	134	66	79	90	68
2370768	41	196	53	45	44	42	37	49	37	38	41	35	41
6420736	72	68	152	589	2303	74	58	126	586	306	658	452	128
2450411	70	56	166	448	2431	54	51	96	628	262	710	496	108
5720465	79	78	180	579	2199	84	75	142	611	304	796	488	130
450736	86	76	71	80	73	2428	1768	77	68	79	67	74	84
7550086	42	45	43	40	39	2059	8478	47	39	41	46	41	46

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
940746	51	42	42	40	1035	43	63	47	78	43	44	47	53
4280132	52	52	958	60	55	1080	548	58	53	58	52	54	55
4280504	44	47	524	42	46	562	380	43	46	43	45	49	39
6330553	446	134	394	428	155	344	299	192	393	335	197	268	239
2100743	957	459	835	972	436	509	809	248	848	693	358	283	780
6560523	335	192	293	373	179	219	244	141	280	294	180	134	210
5340338	430	80	208	147	82	526	499	80	228	407	99	123	97
6650196	322	371	149	191	185	213	203	178	262	441	471	236	176
6350204	65	61	72	63	66	4025	3457	62	64	78	66	83	62
1170605	760	203	243	326	93	800	884	426	299	397	59	467	656
670333	189	2545	44	40	79	45	46	136	187	120	45	34	140
1410240	155	2364	36	47	57	44	39	112	130	85	35	46	135
6370356	90	67	63	874	4192	89	213	188	121	55	731	1729	113
2510356	45	45	170	52	38	37	54	42	53	40	45	51	46
5270468	47	42	59	48	51	44	45	43	46	49	46	54	55
1030209	39	32	55	57	35	41	34	37	45	43	45	54	42
4200437	555	389	544	740	624	260	215	225	438	306	297	522	258
830543	50	42	54	48	47	35	46	49	60	53	40	46	45
5690112	82	154	59	51	863	53	54	59	56	38	62	79	53
3360095	69	87	72	80	132	57	76	84	90	80	182	133	76
7040678	44	46	42	46	45	85	149	42	48	48	41	46	49
4200541	115	89	261	443	98	1062	1030	151	323	180	251	194	218
2370646	48	47	56	45	107	139	193	45	46	44	45	47	47
5130100	52	47	46	64	824	40	46	43	86	37	43	44	59
1660243	42	36	45	75	37	42	39	45	39	38	42	90	83
6220307	69	73	63	61	2876	62	71	70	270	90	61	61	70
3460446	90	90	80	81	74	64	85	174	66	104	75	88	78
2940403	684	450	885	1182	353	1426	2425	476	569	1062	286	752	687
1580215	366	104	190	258	90	277	200	104	136	427	746	169	150
130463	67	1935	47	64	73	56	59	62	3399	3525	66	122	5039
4120703	45	38	59	66	39	63	87	48	53	119	50	51	48
6980367	77	90	47	57	56	57	75	51	61	68	76	1531	57
3180156	51	54	49	71	50	52	54	65	68	52	65	55	54
3780193	38	38	40	48	45	46	88	48	74	48	48	60	45
5130255	40	51	41	56	2412	53	54	43	45	44	17259	12455	191
2850703	61	57	69	94	4689	98	108	82	57	55	18509	17337	669
7400072	61	61	75	83	3914	109	101	74	67	53	21428	16716	455
7210240	72	80	137	93	3227	78	72	71	71	78	17903	15889	104
5270619	172	105	160	206	73	637	419	162	277	157	232	201	227
2030451	44	39	40	41	42	49	38	41	44	51	40	47	43
10504	42	44	40	45	43	52	53	44	46	47	49	45	49

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
2230008	45	37	111	67	52	58	114	56	43	36	20146	15372	181
3180025	46	46	43	44	42	43	44	41	36	40	8396	4768	62
2480228	60	76	64	71	170	64	83	78	66	65	14853	11235	85
6110022	87	74	80	88	130	80	85	75	64	74	12956	9432	83
4290014	437	251	595	704	392	720	690	280	417	594	399	610	325
7550368	86	180	72	96	386	120	110	439	156	400	91	652	192
7000575	74	75	71	94	84	81	81	86	95	123	87	101	195
5700095	59	700	58	54	69	61	106	78	55	51	62	61	62
2570500	131	191	103	98	78	76	96	84	70	93	1534	109	116
1660341	149	70	352	178	417	83	73	482	84	138	95	184	75
1400433	85	66	144	102	193	62	73	247	80	80	64	81	74
4610592	2301	539	70	547	1558	64	155	104	1510	1677	2275	1400	1420
3170204	266	43	42	42	309	50	42	53	43	49	54	415	55
6860154	41	37	38	64	7514	46	46	40	56	41	2369	7167	3134
1260468	59	39	41	82	172	148	126	44	55	94	48	273	63
4780278	78	57	70	104	4514	69	55	71	71	79	17183	11633	8107
240053	178	55	116	97	1393	81	144	62	127	148	86	173	90
4610520	8081	42	411	1654	141	77	41	51	3274	5117	69	1453	3240
3190167	42	43	41	48	43	40	46	43	42	52	43	45	43
5340730	69	47	63	60	55	54	50	54	47	79	73	60	68
940692	39	44	40	44	35	34	37	39	39	41	38	48	41
7320193	45	53	50	52	56	98	104	70	59	50	56	63	570
6330477	95	67	68	68	81	73	76	71	79	75	74	89	74
2340553	101	105	87	120	101	103	98	110	94	102	77	138	120
1660184	49	47	47	48	44	46	48	41	46	42	72	46	43
450368	49	58	66	75	66	64	52	47	49	54	50	83	73
3830044	95	62	68	119	61	48	44	166	59	224	78	136	87
6290554	76	78	661	85	64	1989	1808	62	90	104	86	74	90
3830332	63	69	65	97	115	74	51	76	474	80	156	66	74
1050414	85	73	91	83	70	135	142	136	82	93	186	13102	84
780600	1093	139	2985	1356	237	485	1151	800	1476	1644	628	1056	830
7050333	66	77	62	76	61	71	57	73	91	59	387	256	67
4290465	74	47	51	58	179	53	52	65	467	541	55	48	90
5720482	132	140	338	308	884	5330	4985	480	411	115	203	274	353
5260070	341	128	1654	1029	875	472	395	635	628	1283	269	724	1093
610201	339	147	88	126	110	205	132	77	579	573	114	145	120
5570279	220	2272	370	2032	645	5083	2553	1821	397	220	1509	193	265
290730	398	895	742	2563	678	378	782	1206	587	233	1467	212	530
6200669	220	520	435	1179	387	315	879	1598	326	233	726	108	211
6290685	71	114	102	93	67	392	290	145	76	76	125	78	59
6110630	1025	4224	1266	5049	2251	9432	5934	3894	1768	1134	4192	982	1371

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
5050402	287	667	327	1218	543	4154	1566	731	397	338	1178	226	235
2970019	75	164	79	230	74	571	271	442	79	53	62	55	78
610451	342	421	498	1367	809	177	847	2910	277	291	382	224	454
6100022	324	352	415	1120	646	129	725	2320	291	287	305	208	413
870301	175	61	66	484	64	94	84	75	129	540	321	874	283
5260091	57	51	67	49	44	58	58	49	49	50	56	54	47
3460608	51	53	66	66	63	270	310	54	59	60	64	71	67
6590131	55	89	96	108	78	72	79	103	86	59	19166	16230	61
2140196	53	60	58	67	81	63	65	67	55	73	12547	7584	65
990091	72	68	73	64	61	83	66	63	72	52	14260	6377	60
2260747	64	275	64	43	50	463	403	57	59	56	66	65	57
3170403	61	64	57	70	80	70	48	68	168	63	7401	1308	57
5570711	96	108	4334	119	64	115	223	114	275	167	86	88	82
4920131	41	76	47	42	37	98	288	47	56	36	38	39	46
3290368	49	33	87	506	45	42	42	43	38	49	6734	917	111
4120161	46	3975	54	51	84	98	1041	118	47	53	46	44	61
6200044	47	749	49	53	87	135	227	69	56	47	44	45	50
5420386	120	87	156	68	2938	115	62	73	104	98	61	67	73
1230538	47	41	46	46	976	413	878	53	79	46	46	49	56
380259	63	100	3104	76	52	68	119	83	176	117	61	79	75
2140376	56	64	68	71	672	63	78	59	91	71	61	78	86
870626	66	85	76	2701	6040	101	72	70	79	77	104	69	170
4040474	75	51	53	63	870	65	65	62	97	79	80	66	55
7200719	559	625	257	323	579	228	282	523	364	301	394	490	591
2100196	1080	227	2428	2265	420	2135	2685	343	1129	792	412	512	781
2690224	701	325	442	481	271	354	567	332	328	480	309	489	378
730722	65	73	60	71	56	61	81	58	54	71	9659	6517	123
7610170	1225	50	40	54	37	41	44	49	5153	2498	42	56	50
6960563	57	10720	44	55	50	46	41	43	96	82	162	133	64
7320349	106	88	75	81	746	86	97	90	94	85	81	79	114
6960739	73	66	71	64	93	82	65	85	86	64	86	84	77
5390435	36	47	52	46	48	78	119	49	49	45	53	53	43
4060192	79	71	76	82	273	113	112	99	160	115	70	73	143
6220309	79	76	70	126	130	87	112	67	65	85	59	103	80
5490711	44	38	50	48	392	61	51	89	45	48	54	61	51
4390291	68	68	57	2160	179	69	61	69	81	87	62	71	86
2000274	43	45	27	44	40	41	43	38	44	40	39	43	51
6960259	71	72	71	6773	559	59	67	89	85	74	67	68	111
3370544	74	5705	60	87	1717	52	66	60	70	62	57	826	437
3130711	75	55	73	69	598	67	67	119	72	63	91	86	77
4810703	753	271	258	777	150	69	90	126	454	504	288	369	549

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
6660671	467	213	253	416	168	54	48	86	207	198	156	163	288
1940193	101	72	117	255	525	221	752	82	128	93	78	79	147
990112	86	68	89	85	69	463	587	81	109	94	103	108	101
4810424	56	45	38	44	51	34	38	34	39	45	42	40	43
580292	55	134	64	82	452	77	58	52	54	65	76	70	51
2320296	56	248	44	41	86	48	51	41	43	50	41	53	78
3990739	173	108	82	172	61	90	99	61	99	115	63	172	143
2030259	43	40	36	43	238	35	35	36	37	38	35	38	42
5490040	81	52	66	66	426	63	60	86	73	64	54	65	56
6400703	277	97	183	137	115	99	103	131	128	113	104	133	106
1570184	71	58	62	59	50	59	67	52	134	52	55	55	72
3610730	201	44	147	189	41	53	56	169	126	141	48	63	262
7380392	99	69	64	83	63	53	54	61	58	58	63	73	145
5900273	83	74	74	78	71	90	85	102	72	81	86	89	59
1510075	43	47	42	50	64	59	102	63	36	44	38	42	44
6860634	46	53	64	47	57	63	47	67	60	53	52	66	47
6620259	76	65	158	107	146	254	364	188	71	61	69	295	258
540204	87	59	176	131	310	104	146	99	128	84	76	152	137
5080259	48	40	52	49	65	45	39	37	44	37	47	44	44
990086	47	50	55	38	591	48	46	47	47	53	50	40	62
3140259	47	47	46	53	255	44	39	68	49	48	62	57	95
2100189	192	174	124	233	282	246	227	215	184	207	186	228	230
4250246	481	624	544	628	605	208	435	1163	541	577	725	752	808
1980079	79	562	73	91	80	87	81	89	89	72	87	70	80
4850300	156	285	93	152	329	176	296	219	152	235	74	193	136
6520440	65	99	66	67	1947	64	79	1073	212	62	54	57	99
4210561	335	241	123	234	254	65	137	374	148	319	479	207	381
510632	84	59	105	175	257	970	181	59	76	131	53	66	123
4050398	48	46	64	48	46	44	43	191	231	212	59	39	51
5960524	65	65	61	68	76	62	63	13102	82	63	67	70	60
460202	39	40	45	56	43	45	36	14208	56	45	36	49	58
3780491	67	59	74	65	77	71	65	4963	69	78	75	78	59
5290707	81	74	90	72	64	61	86	14260	124	86	78	78	63
1450619	40	44	44	46	42	49	156	73	40	41	11592	4577	38
3190524	321	123	310	220	156	677	1465	160	217	436	110	244	175
3840445	81	77	10440	576	63	53	56	483	94	139	44	272	346
2060414	78	63	70	61	66	90	71	60	67	70	70	60	56
5860289	40	37	3032	36	36	39	42	150	43	47	45	43	40
430446	50	51	13799	53	46	40	44	46	46	50	43	54	51
7040142	212	91	381	1058	79	129	147	82	141	118	499	448	140
3460685	423	49	756	1991	44	206	224	78	253	123	1163	950	231

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
5490358	45	45	53	50	49	3079	1561	42	270	670	42	49	44
4390100	234	137	815	2666	130	50	66	92	176	258	46	493	740
3140427	62	77	53	66	62	67	66	77	108	2212	64	62	68
4390398	16370	89	3955	13490	85	91	86	595	18509	8786	5318	3288	5571
520465	187	45	45	44	52	48	44	53	47	47	45	44	51
1570148	48	39	36	40	40	35	43	39	37	48	1734	531	39
5860528	70	80	50	57	67	135	214	68	586	191	64	75	147
3180615	183	64	73	855	61	70	83	63	71	186	60	205	112
6840209	3472	62	52	2918	52	47	54	44	8347	5210	2409	2898	3478
3710161	65	60	81	59	69	67	71	69	63	71	63	81	92
1470168	48	40	43	40	50	47	42	45	47	46	40	43	41
2900343	34	40	38	38	46	31	45	38	41	36	37	38	36
6420450	1451	213	192	779	221	253	571	264	459	378	1046	438	621
4220482	51	44	162	45	45	835	1016	42	42	49	44	37	37
5260672	76	70	81	76	84	75	78	75	77	68	85	74	75
6980632	162	291	400	286	287	101	215	371	168	375	163	394	288
6660687	133	183	171	111	232	131	137	100	94	129	75	102	86
2690438	66	73	70	78	81	90	104	79	79	72	197	71	84
5270551	117	81	139	64	64	326	145	69	78	161	68	74	58
240343	69	53	57	59	63	119	81	53	57	51	48	47	56
1240408	85	64	102	93	122	68	73	152	50	77	63	114	80
4480528	213	72	508	412	531	58	71	1337	113	116	72	426	173
240386	143	108	95	108	316	70	93	190	99	199	88	108	116
3780767	105	111	179	69	70	370	2634	609	76	219	155	487	58
6620373	116	94	72	94	249	61	65	127	82	148	45	92	114
3930669	2588	66	57	255	85	61	57	64	63	58	57	106	16302
5490307	68	72	78	66	70	81	202	61	65	74	65	66	129
3060187	696	416	164	378	910	399	309	358	240	202	151	259	524
2490132	63	64	72	106	57	75	54	61	204	49	53	48	64
4150685	107	123	69	86	116	84	76	96	81	93	66	77	116
2260037	285	254	196	391	107	88	58	208	450	473	226	418	253
1260064	819	287	195	160	507	119	148	207	518	769	182	195	2043
1660220	246	127	212	227	262	139	129	134	143	175	101	191	138
6400484	73	60	62	72	55	73	78	70	61	72	65	50	69
4850189	60	33	50	84	392	55	120	49	84	49	45	51	70
4760196	88	60	75	85	55	63	58	80	69	57	3989	1047	68
670670	76	47	48	60	41	52	40	49	39	51	2996	783	46
6370008	311	62	64	55	1034	58	67	64	89	208	70	70	108
4490594	6947	12051	10650	7064	10687	4758	9789	13545	4469	5270	8422	6849	10509
2970152	65	60	102	55	66	183	76	71	61	54	65	57	95
1820288	283	81	384	166	288	77	73	127	81	154	69	181	79

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
3360327	136	81	120	87	137	184	121	79	77	120	99	81	72
4480762	70	67	67	66	56	67	60	64	78	68	69	72	70
4280093	242	103	333	193	400	94	119	463	119	162	126	183	227
3850367	329	73	474	296	380	124	111	638	113	184	82	270	105
110333	62	53	133	69	80	94	79	345	66	63	60	62	65
3610520	69	87	118	69	58	114	122	83	62	97	71	67	83
2710121	81	76	87	93	87	68	77	75	82	87	92	93	81
5670372	97	62	198	130	64	243	416	114	227	153	181	199	191
670066	44	69	57	61	51	49	46	53	71	67	69	58	58
2360739	50	49	50	83	49	128	154	46	163	73	50	49	49
380519	256	79	408	148	272	94	78	128	72	157	71	204	89
4040113	78	80	94	77	58	75	384	76	81	184	65	81	75
6130152	356	71	287	71	89	90	80	67	270	527	63	81	97
5960328	68	90	98	107	377	77	76	107	7608	8997	120	71	123
4590332	63	62	80	75	73	75	60	67	51	72	70	69	66
4780754	73	61	62	74	56	2572	1516	68	65	68	47	53	63
2120189	86	55	106	52	69	78	74	68	55	73	47	60	51
1410747	69	61	71	69	69	69	75	86	82	71	69	57	68
5820746	66	75	73	95	104	82	78	70	76	85	96	80	74
6020242	80	63	66	80	63	61	94	56	95	106	57	59	97
6580088	536	105	98	209	450	282	263	239	65	177	138	155	215
580445	143	71	178	736	86	1272	3040	89	13848	872	111	116	118
6400414	124	116	102	121	93	136	79	74	72	85	81	72	84
5870653	59	53	1087	53	58	54	62	95	51	56	70	57	58
5560707	69	72	123	375	71	63	63	57	64	72	161	62	107
6290450	55	59	48	67	52	58	58	63	77	65	69	56	54
4760673	70	54	79	62	68	63	67	58	60	80	73	77	71
6770706	58	54	55	49	51	2367	453	56	59	57	69	57	48
6180546	62	52	45	70	54	6478	1826	63	61	50	63	54	63
4390386	73	69	92	73	86	2306	2836	84	68	81	92	74	84
6350091	58	39	62	51	59	3856	772	52	54	48	59	52	47
1570286	82	86	61	73	72	1790	413	59	60	83	74	81	68
1510519	91	59	68	84	80	68	80	59	89	77	71	81	78
60546	60	67	54	59	69	2992	709	54	53	53	58	64	57
5700360	79	76	86	85	92	72	66	69	74	75	1957	329	404
5420324	160	66	79	70	50	91	62	57	73	93	66	99	60
50291	79	57	58	65	74	3204	790	72	57	63	65	66	81
2340088	58	54	52	49	49	8271	2160	45	53	54	53	58	50
6840278	62	59	53	63	65	3498	728	61	57	55	72	43	47
2060372	329	547	276	376	792	273	301	462	191	314	287	1175	477
5720491	277	221	291	330	222	319	253	198	233	250	331	349	271

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
6770746	177	91	122	84	88	1047	2394	99	132	115	86	88	152
5670280	951	446	938	406	783	992	864	596	374	444	573	369	546
5080138	90	65	98	239	688	67	62	68	102	146	9465	1896	158
4760192	70	66	211	68	78	111	76	69	73	70	67	72	89
2650056	74	70	218	100	197	315	246	72	95	65	118	74	67
1850168	73	77	97	75	78	106	84	78	68	59	80	58	56
6770441	78	98	99	64	76	89	81	108	80	88	85	77	72
3060703	95	53	83	56	163	226	118	190	58	186	52	60	74
2810504	96	231	175	142	338	190	94	106	94	169	75	166	129
3170431	249	143	113	167	197	2043	1310	240	154	188	185	192	296
6660162	1693	68	462	694	101	75	86	99	336	458	2009	3421	319
7150324	97	84	119	127	84	94	116	96	137	91	158	97	212
2810687	226	278	168	285	275	429	328	237	233	345	467	196	250
4490544	46	46	44	38	42	44	45	89	74	78	41	35	48
3990561	109	78	107	103	2127	268	158	61	128	77	81	78	116
240220	137	51	224	198	56	108	217	50	465	106	270	135	121
6370754	52	41	56	43	39	68	62	54	46	43	45	50	43
3140349	62	68	134	63	60	76	56	64	63	67	60	62	47
5910612	69	82	200	71	61	687	139	82	58	54	64	54	79
4200722	45	41	46	44	48	173	678	46	42	43	43	38	39
6660368	41	46	60	49	48	243	400	55	91	49	62	59	70
4590477	98	93	126	135	101	746	1269	125	338	122	226	167	240
1400142	74	66	68	68	70	59	72	77	60	67	66	65	72
270470	71	50	49	68	75	57	72	63	69	57	62	66	68
6900170	39	39	43	42	41	37	32	47	48	36	39	43	35
3170450	115	147	150	105	106	152	183	95	76	108	77	97	108
1450446	68	57	46	56	56	52	63	42	54	38	50	67	55
5670709	101	118	92	77	78	99	95	104	94	84	131	86	105
6770408	238	161	250	195	81	490	504	126	86	391	59	247	99
6290494	390	209	374	219	183	578	494	220	217	565	146	419	231
6020170	691	149	1025	420	153	2220	1742	206	298	1374	131	517	217
5490068	391	91	125	165	39	128	469	121	495	242	74	280	206
4540414	158	219	225	199	173	115	175	219	170	227	178	223	181
3780437	37	53	41	38	42	40	40	34	38	46	43	34	37
3520338	112	94	80	65	66	130	93	51	73	246	67	97	70
770682	224	84	183	388	86	358	484	126	1424	261	88	100	128
7330367	66	68	56	76	72	67	67	64	63	63	58	66	63
2370632	200	83	1812	836	150	136	146	105	156	474	201	516	836
4760626	638	50	1074	837	45	75	573	60	596	854	40	70	88
3180528	522	126	310	358	143	256	3509	110	425	627	222	262	77
1230228	4117	58	74	2379	63	83	70	96	119	1778	110	2694	2088

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
4150598	255	49	40	43	47	42	42	11275	36	37	44	42	253
3060273	40	50	48	60	54	46	42	49	61	45	42	46	40
7200601	4796	201	301	4487	73	47	65	114	1620	1450	50	1537	4787
7650026	11717	521	785	8814	168	83	128	307	4295	4416	67	4661	10266
1850315	95	73	71	105	72	83	83	102	1863	552	66	71	74
2490070	67	61	78	131	67	71	67	72	69	65	79	83	66
1300240	3602	76	69	87	78	75	66	75	65	882	69	83	1066
6980762	58	44	43	49	75	54	59	62	352	130	43	44	44
7380670	380	88	128	87	103	182	121	120	649	1888	92	115	117
5340220	41	51	43	43	125	44	44	43	41	34	46	156	37
6100360	63	52	383	109	52	44	43	43	111	155	53	58	106
3990577	68	59	70	74	63	78	86	72	63	74	75	62	77
1710692	55	45	47	49	56	51	50	45	46	49	90	49	54
1450468	56	114	55	51	411	71	91	61	79	54	56	70	63
6250040	427	452	547	340	250	136	129	162	264	229	341	198	359
5890170	42	46	40	45	45	1706	645	43	47	40	45	44	51
2100296	69	103	63	70	78	79	85	95	73	81	95	104	90
3180681	62	49	91	110	51	78	125	74	137	67	69	105	78
7650538	146	60	231	137	157	258	605	103	221	149	299	226	142
4060438	414	75	226	306	175	112	109	88	132	214	185	107	180
1660767	48	45	45	45	81	47	47	42	69	53	43	38	58
1570309	117	48	107	74	63	99	91	53	63	136	151	99	61
4610669	253	76	186	109	67	161	153	78	79	189	71	80	75
1990731	55	55	64	60	50	120	101	237	73	73	60	57	62
7610441	70	86	80	71	1015	87	204	79	118	88	74	66	69
5670129	59	51	61	57	49	2154	2761	46	75	57	48	46	51
7050220	204	1006	826	174	62	159	204	52	64	132	74	54	85
3140131	46	44	39	47	42	44	45	44	47	49	51	40	45
4880138	49	44	47	44	41	40	41	11839	75	62	43	45	334
5340458	146	168	95	118	101	194	236	94	88	233	94	134	101
580181	91	107	60	76	92	82	106	72	75	97	55	77	80
3940520	1709	1284	1710	1431	1872	458	563	502	1139	1220	328	443	789
4220326	48	78	65	70	5692	66	62	72	79	78	84	110	71
2320215	52	98	62	80	98	61	154	119	102	86	162	87	128
7100541	139	189	204	211	366	70	86	100	100	356	78	102	118
3360707	52	39	47	41	43	46	49	45	59	39	45	44	43
3450286	54	53	50	53	63	46	71	56	86	104	111	51	75
840494	40	35	41	37	33	39	43	39	41	42	41	37	37
6770131	3683	47	8732	2107	41	43	47	411	8759	4303	48	61	779
4610333	215	68	451	148	65	68	60	66	835	285	65	53	70
6350192	249	69	69	226	143	68	73	67	67	95	896	1124	2186

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
110189	156	70	65	154	95	65	60	55	69	65	424	497	825
2480431	121	79	65	157	81	58	55	56	66	67	521	886	1161
450020	58	68	63	87	67	63	68	421	66	60	13102	8347	55
620202	94	94	58	82	71	61	63	63	73	80	1403	113	84
3930379	172	109	86	102	107	224	397	110	155	165	145	171	102
7100431	105	60	87	121	90	114	178	87	190	89	189	95	133
5490301	460	319	379	252	268	336	544	340	199	231	709	735	607
3890601	59	70	64	72	66	68	75	66	72	87	80	467	67
1240195	37	40	40	36	40	148	646	43	37	36	36	43	48
4850528	65	66	63	70	66	343	587	59	65	63	57	66	62
2650075	46	42	51	51	47	2240	242	47	44	44	50	43	40
5900608	64	61	74	68	68	2396	133	60	68	65	66	78	81
20112	52	50	50	52	46	56	50	43	53	56	52	50	51
2900064	64	54	73	62	617	59	72	122	68	68	77	63	65
4850070	54	1335	46	76	56	81	47	47	56	65	59	50	61
1090451	84	3579	74	82	112	82	70	78	70	86	69	71	81
3420554	337	75	133	72	67	495	165	43	52	497	48	107	56
2970370	517	165	474	441	564	172	145	121	281	147	256	396	777
7570753	68	44	301	66	142	48	67	222	111	55	55	54	101
6290008	53	45	94	60	1521	45	47	197	77	42	57	44	89
1510014	320	209	303	240	670	627	708	168	368	224	292	300	398
7200609	79	80	94	97	12280	64	73	75	204	198	89	71	81
520176	41	50	65	51	6678	51	46	51	120	110	55	45	43
4210678	69	198	61	106	5479	741	312	272	362	73	81	287	86
7040019	42	597	41	38	622	36	37	39	40	40	37	41	40
110347	119	86	235	130	330	159	340	115	166	200	110	88	121
4120427	645	53	61	163	49	43	67	46	204	292	51	368	311
1260762	133	68	70	56	59	53	70	75	70	67	115	88	53
1510332	109	75	72	69	53	70	70	81	65	69	101	80	63
3140373	58	47	42	43	49	39	43	45	37	41	42	43	37
1580437	168	43	40	40	40	40	57	38	48	45	67	42	47
770739	18315	83	77	1554	78	73	68	117	76	93	87	77	5294
1050168	3284	47	14416	1469	41	48	38	89	8029	1529	43	14631	1051
3310093	160	188	313	239	363	143	226	400	169	241	156	180	236
1570039	494	1084	274	495	1120	263	391	1001	314	535	513	554	1109
6200168	217	106	273	442	123	2324	3750	124	1869	321	163	212	216
4010519	57	55	49	56	64	51	47	59	50	51	45	60	62
2480424	384	130	201	366	102	200	433	161	520	147	549	496	641
3850064	238	109	198	152	154	203	231	150	171	200	234	166	168
3450332	48	60	67	56	61	55	64	58	55	50	6963	2771	78
4780139	48	58	55	77	63	68	147	56	95	68	57	68	74

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
6330187	1403	178	182	1748	504	64	54	84	1233	1797	371	583	718
6840739	528	120	113	685	242	82	62	88	421	574	225	265	249
6420687	62	59	66	77	141	68	66	66	55	70	73	64	65
7150132	716	1176	400	304	424	460	596	660	334	586	423	427	590
5810253	165	180	314	136	228	336	672	181	177	297	76	141	188
2710452	52	47	45	64	45	62	98	46	334	57	52	50	95
7400598	66	73	84	71	82	64	78	63	83	84	71	78	61
770615	56	53	50	44	42	2559	1707	43	43	43	47	43	47
290136	170	51	48	97	51	3259	3292	45	52	82	62	68	81
6450746	107	55	38	60	47	2086	2227	41	43	50	45	50	50
4250626	446	84	131	524	242	80	105	125	219	357	73	405	425
5390474	69	36	53	54	43	59	54	48	41	36	51	49	69
4480301	53	48	108	192	54	975	1355	53	50	66	63	48	50
2690519	52	48	66	133	57	482	701	53	62	62	60	63	51
2260615	574	819	493	499	516	602	560	473	377	484	374	518	648
4780373	68	89	74	72	85	83	118	143	65	122	75	67	86
6330593	58	52	52	75	69	69	559	146	92	53	83	261	111
940646	62	75	72	59	64	75	102	73	63	57	63	76	70
6900414	72	119	1541	108	69	162	76	69	98	77	118	126	77
6400465	220	197	356	306	230	236	516	237	388	275	265	380	290
3850603	68	72	88	138	1711	91	77	69	67	74	73	63	67
2350132	73	61	48	1600	59	36	40	42	80	111	49	40	67
130754	51	44	90	44	87	50	40	45	57	48	39	52	87
1510291	1392	1220	1774	625	532	1191	1052	112	331	1695	170	460	242
5960224	485	681	829	215	192	411	361	52	157	592	61	190	101
5490689	56	63	52	60	50	53	60	65	62	56	65	71	73
6400603	45	45	57	59	49	109	179	64	73	53	68	73	81
1410603	842	298	1018	219	489	1308	751	491	228	311	311	203	270
2760239	56	54	69	142	93	55	89	46	71	54	62	59	70
450132	267	445	252	273	442	292	161	163	154	210	233	124	171
3420372	123	61	90	62	54	222	216	60	108	72	55	80	78
1300187	255	258	180	230	274	108	186	267	215	330	148	193	312
3610170	11087	82	80	1144	60	81	92	65	1455	1117	77	93	3231
6350475	74	75	58	79	64	68	73	73	119	920	86	68	168
6590438	2487	39	52	46	39	42	40	58	4719	4391	47	39	1840
1260722	65	51	62	50	54	55	48	61	608	146	61	39	45
4010592	68	63	68	49	640	81	66	106	71	57	71	73	57
7160739	66	65	53	59	69	120	86	74	58	69	54	57	51
2650370	708	1316	635	1040	583	396	501	546	626	541	444	927	770
2570220	556	253	236	180	382	271	264	330	138	452	228	378	183
3930372	73	84	69	64	62	61	63	65	72	56	8107	1447	56

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
7560497	190	44	52	52	59	912	214	53	50	38	54	64	50
1510424	5282	58	1651	1894	46	52	42	49	2891	5318	46	126	2009
130338	62	53	59	60	51	66	48	55	52	47	231	204	49
1690563	102	49	285	446	60	53	61	117	150	87	7584	6886	46
4050291	50	51	41	44	56	40	37	49	45	45	343	274	41
3710022	58	47	83	96	40	46	41	67	61	59	3024	6262	46
2350482	52	80	68	58	69	71	63	67	75	71	73	67	58
5050270	78	165	150	78	101	625	1441	74	82	62	61	69	78
3850767	285	198	53	64	118	505	1082	268	92	80	56	252	90
4900520	85	65	107	195	21924	83	89	82	585	103	83	86	279
5260343	81	285	137	614	16716	592	497	113	488	280	74	150	693
520370	52	61	67	65	69	63	91	245	76	58	78	92	66
6840154	46	131	44	166	2619	41	39	285	351	55	39	125	562
3130706	86	69	66	82	69	69	93	51	67	71	70	65	68
3990278	44	44	37	67	4652	41	43	47	105	41	42	65	99
4890021	108	48	50	255	213	92	126	125	71	46	41	125	63
5720379	70	65	59	68	95	87	80	114	75	64	69	77	72
5700441	37	40	52	45	54	48	49	55	38	43	47	37	41
6770333	50	52	60	230	1394	44	51	52	127	77	116	76	129
1050563	46	53	52	51	47	52	41	71	48	45	14797	7423	40
830095	44	42	44	40	421	36	40	36	50	42	42	44	49
450246	59	95	73	73	58	93	67	72	61	78	70	53	68
2970112	73	77	70	73	87	69	71	92	76	76	75	76	70
1710356	65	69	64	74	69	65	67	66	60	69	70	68	63
510561	44	62	46	45	43	60	43	62	48	42	42	46	50
5670082	54	47	44	47	43	59	61	78	55	52	51	51	52
730093	80	45	44	40	42	173	308	39	88	114	102	40	45
730148	84	72	65	78	88	90	86	69	78	108	88	122	81
4220053	147	42	121	193	53	103	166	79	246	110	326	184	123
270301	77	66	63	57	69	70	65	65	64	62	71	65	56
2070372	79	119	67	71	186	118	100	78	73	71	82	60	60
1580653	73	89	271	102	75	143	100	71	81	95	87	69	72
10066	52	51	53	42	57	50	54	45	48	55	370	195	50
3120286	57	55	56	53	65	54	99	47	54	63	52	53	62
6480450	59	45	42	48	64	43	50	47	49	48	91	84	62
6650152	60	59	70	55	56	71	70	70	67	57	1832	328	63
2570672	392	40	43	45	46	222	76	257	7251	460	40	47	66
4670138	117	202	73	70	94	64	68	181	289	625	3100	843	73
20609	104	112	51	154	69	54	85	142	109	270	53	165	108
4480390	33	44	40	45	35	39	36	42	42	312	39	41	44
7380152	268	328	339	451	385	458	528	582	271	213	408	474	319

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
2810762	58	53	56	70	44	62	65	71	58	62	145	64	70
1740692	83	61	55	58	74	58	67	75	60	73	122	62	82
2450452	1631	156	628	761	1399	334	537	966	629	1064	1973	2808	867
4850576	41	46	293	43	40	45	52	42	47	225	643	221	47
510133	338	528	254	280	765	266	303	512	201	320	276	1160	517
2640598	61	54	61	74	49	61	53	71	58	63	62	61	51
6330730	179	59	1413	261	81	97	63	433	223	91	187	137	174
4560228	62	79	61	67	60	56	57	59	53	50	53	55	64
4610201	140	81	96	90	87	89	116	68	98	141	78	83	84
6510156	56	274	70	67	112	127	110	105	96	194	65	91	82
5390767	58	52	50	52	55	74	62	58	50	58	48	63	60
5490465	79	69	60	79	60	64	81	64	63	70	72	64	73
6960438	88	81	71	99	76	107	92	77	74	78	72	69	80
4060025	59	81	66	63	67	70	101	49	69	91	68	78	76
4850711	134	98	101	122	69	88	81	93	95	169	82	91	90
3990497	541	161	261	322	264	205	417	193	317	261	212	219	227
4200711	131	74	74	79	94	109	159	68	69	108	67	85	68
3180647	99	95	114	80	87	106	128	108	79	93	152	76	85
1090196	54	56	69	57	53	54	44	60	62	54	53	62	53
5260280	160	99	130	95	104	126	120	98	104	216	78	94	126
6290091	242	366	259	164	241	190	336	243	157	347	204	437	147
2710687	60	59	65	68	85	295	643	63	63	60	56	63	78
6270731	67	65	54	63	61	62	67	62	61	61	88	74	51
3840091	91	115	119	83	85	89	146	103	89	101	141	100	85
2510164	540	3962	2704	593	362	287	15757	3934	483	2583	11839	4963	235
580161	389	2059	1495	360	267	103	11312	1740	216	1458	4878	2428	107
380685	984	4847	2607	675	576	223	12593	3520	575	2293	8588	3823	226
4210044	113	101	76	61	75	141	85	95	71	94	87	83	66
2450020	71	84	87	54	67	255	85	62	60	105	96	78	78
20543	54	126	78	53	65	76	73	65	75	57	88	73	70
4390044	50	60	63	60	57	57	68	66	61	64	64	63	69
3870156	72	68	69	62	60	92	58	61	52	91	68	74	60
1850273	223	76	101	94	85	66	166	90	95	87	76	72	91
3310037	48	46	41	46	56	46	46	47	42	43	45	43	45
3370736	212	224	562	531	293	990	1045	489	419	592	282	935	430
5310368	61	39	43	46	43	41	45	43	8244	6247	51	46	96
160433	46	45	43	47	43	41	43	40	44	36	39	41	46
2070735	346	460	159	216	729	190	192	402	192	322	351	247	264
3710711	798	838	296	472	845	429	597	665	406	644	657	498	759
6860138	58	52	49	61	117	59	65	61	87	62	55	62	54
5340692	190	229	101	152	155	275	173	170	114	232	85	89	112

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
270347	723	147	159	857	141	197	287	116	329	1101	111	159	177
2690577	61	48	79	44	59	72	67	58	55	50	46	51	47
870475	76	66	99	83	74	82	79	79	66	68	83	54	69
540014	57	74	66	61	65	61	87	55	64	63	63	58	115
6040433	39	59	50	48	670	43	38	51	73	50	45	43	54
4810730	446	196	73	513	484	65	86	125	243	348	76	482	2127
3180639	36	50	41	48	3880	39	37	34	108	37	38	39	60
60017	63	72	87	64	82	69	61	71	54	74	77	78	66
3520768	35	52	56	51	73	1082	170	41	173	45	42	42	62
4280192	79	62	76	77	81	73	120	715	78	92	69	63	76
770255	73	88	84	79	70	4032	1527	76	73	78	66	78	69
1770603	65	35	2468	1417	36	41	37	47	78	993	37	197	6905
1410192	82	2516	85	71	443	219	171	70	73	73	69	59	72
1230672	10509	47	41	248	45	40	52	71	566	729	46	121	5222
4040632	16446	54	44	2296	68	61	78	57	93	76	52	79	17653
4730376	35	19281	44	35	44	49	49	36	47	45	47	43	42
4900634	57	38	45	264	5455	45	53	44	72	767	5744	17814	8001
4290209	629	93	397	279	80	202	241	234	420	428	210	313	296
940674	163	44	68	66	63	41	40	76	73	105	75	102	68
3360762	84	96	91	98	87	159	112	106	71	133	80	119	84
6180750	38	40	41	42	36	37	46	43	59	40	41	38	37
2320168	45	42	132	48	49	45	52	50	52	49	45	43	48
6980470	813	40	101	643	42	39	45	38	76	50	47	41	217
2640301	52	53	57	205	42	58	76	51	63	82	61	114	65
6100484	49	47	59	116	74	64	86	65	54	60	79	65	92
6060376	69	70	239	73	259	322	270	82	80	76	79	81	78
2570161	219	276	121	222	402	87	125	530	237	391	390	128	182
990441	47	4184	52	42	42	50	50	50	50	46	47	66	53
4730564	199	173	186	126	222	319	185	170	130	126	97	169	145
4890092	218	86	203	119	157	178	206	74	88	184	82	176	151
430300	56	1523	66	72	69	63	58	49	66	67	66	59	52
3850326	44	42	38	41	47	8029	2561	44	48	47	41	51	45
2030709	80	82	75	647	22716	68	80	77	74	71	16302	6905	245
5260253	41	39	38	40	43	37	41	41	35	38	38	42	39
6040731	48	41	44	42	42	47	45	43	43	47	38	40	50
6420605	145	82	1063	4878	69	283	724	339	1127	396	2154	2798	446
4250367	93	74	164	387	63	210	437	80	80	659	113	999	99
3930086	808	878	570	541	935	557	816	753	565	692	490	643	817
6580059	300	892	542	195	78	437	630	107	492	325	497	307	261
1070088	367	60	100	206	56	61	71	68	145	101	190	268	78
6370703	218	40	69	66	37	45	47	51	48	48	654	120	47

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
6860392	66	65	67	114	1494	79	84	64	4550	164	12593	2569	2082
2190408	55	40	50	52	63	66	94	1308	54	56	56	64	48
3390215	63	64	65	47	57	71	76	58	62	53	66	52	73
7000619	85	70	92	196	68	102	118	85	116	74	85	87	101
5420189	38	54	113	44	48	794	700	48	48	39	48	41	48
5570181	53	64	139	54	71	741	702	53	51	55	64	67	58
5810730	37	48	48	42	49	112	111	44	39	41	36	36	36
5900228	51	73	76	88	69	226	313	62	52	68	60	59	49
5360601	69	84	153	83	81	801	764	91	75	81	72	74	83
7610524	58	59	64	57	61	238	262	59	68	53	59	57	51
2850619	117	82	76	123	12636	96	96	81	120	157	70	70	106
3130372	56	47	48	43	16951	46	43	48	981	74	47	53	294
5910414	49	50	49	44	46	50	50	99	48	50	49	44	46
5870091	61	60	66	51	51	72	56	90	57	73	64	49	57
1090008	40	39	58	40	1945	46	37	48	40	36	14522	11798	188
70451	261	90	334	557	131	272	784	335	893	309	566	597	649
3710026	45	40	50	46	45	128	161	52	42	48	48	50	42
4260286	84	409	85	99	82	817	1013	91	73	85	82	102	84
2810451	38	2223	1390	47	39	560	231	38	51	259	706	1208	1713
5700431	291	143	113	131	106	100	165	144	109	355	92	205	178
1240746	70	71	70	75	70	59	74	69	80	73	60	56	68
2710343	42	50	89	142	139	51	54	43	76	68	40	161	64
6840202	104	65	61	59	2061	58	60	75	82	67	61	71	73
6940431	64	76	54	63	204	62	66	53	69	88	62	59	75
4490743	59	50	55	53	62	5584	6462	54	47	60	64	52	58
4810632	60	55	62	66	75	5638	6102	45	63	61	60	80	61
5220753	59	72	64	54	63	4247	5544	71	69	52	64	65	71
6200091	69	58	77	67	66	654	836	64	52	64	68	59	65
2690279	52	3744	44	36	307	43	37	74	139	53	39	51	67
6590523	354	184	79	207	219	234	192	109	178	219	151	163	139
670414	45	52	44	62	68	57	47	56	53	59	61	46	65
4490288	41	41	47	38	45	42	52	45	44	38	45	43	49
6580717	485	69	100	275	215	54	67	108	174	154	155	154	231
5560411	107	253	85	153	138	533	387	180	141	168	138	152	152
1170154	127	148	113	121	130	219	139	115	111	196	151	146	106
3290152	85	130	99	107	98	191	157	100	97	164	115	126	100
3310592	2187	6166	2829	2969	3941	1699	4359	5919	1835	2404	3227	2522	4368
3450750	4748	11235	5644	5380	6659	3059	6166	9626	4343	4514	6293	4899	7702
3400070	214	277	191	318	167	575	436	205	155	232	462	194	189
20603	292	266	273	398	350	263	288	415	289	367	294	187	402
6580113	66	115	65	87	72	47	58	56	67	61	65	1650	93

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
5870008	100	78	162	188	71	228	742	155	367	180	284	132	246
7050201	70	65	51	69	60	62	66	61	258	59	62	56	47
150735	45	55	56	56	70	53	59	57	57	55	57	51	57
510066	66	69	65	74	63	70	67	63	76	86	88	67	80
1470162	71	78	72	83	2120	65	55	75	64	73	82	62	64
3520168	89	158	183	123	2656	10266	15315	1041	1845	2310	78	108	87
1980538	70	63	63	78	69	73	73	71	67	67	66	47	74
5820026	368	98	113	306	102	60	68	66	172	446	70	309	347

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
4850086	47	40	71	81	1180	331	213	174	35	42	71	54	37	45	40
6110592	96	221	90	150	73	61	173	165	232	254	95	43	41	106	56
3190082	50	49	55	353	735	69	52	47	45	51	50	54	53	47	55
1450100	45	67	51	50	42	39	80	52	49	49	48	44	39	39	41
5490382	43	61	595	43	49	51	41	45	36	42	57	2433	55	46	45
3520709	72	79	128	77	80	73	81	64	85	71	64	88	81	80	138
3120681	41	44	45	43	37	43	36	43	41	41	30	4376	328	39	51
2030161	66	55	71	67	65	81	263	53	63	69	51	1009	64	61	60
270709	61	69	78	77	72	77	65	65	66	67	72	2441	1523	65	67
2320377	42	41	44	42	37	49	50	38	43	42	42	15141	410	42	43
1260270	137	103	109	75	204	75	89	97	96	139	68	123	3051	204	508
2760274	54	144	1335	51	49	42	65	47	114	55	67	4847	52	51	1036
2650736	47	84	64	42	58	45	50	48	63	132	45	6716	72	44	48
5910010	83	85	143	90	123	508	5705	77	64	62	74	20541	14740	74	79
5310524	92	114	116	135	236	119	118	163	105	99	206	64	67	105	92
3780156	46	45	55	44	236	82	73	40	78	48	94	43	49	64	47
1050561	69	68	95	72	69	72	81	77	71	68	69	5905	1416	64	70
2480040	41	35	41	47	44	117	42	44	43	39	37	51	52	45	46
5910309	33	36	38	32	40	33	10119	4827	36	43	43	45	41	42	37
5810050	150	142	222	262	543	206	112	107	111	155	155	63	159	117	93
1030184	56	78	371	45	51	46	50	50	605	192	53	1193	69	48	55
3460279	67	40	57	48	46	53	55	52	43	51	52	1915	1781	45	50
4570364	73	78	2291	78	68	99	126	82	73	72	73	18961	5705	70	98
6380020	65	67	77	57	70	178	57	67	77	69	61	21084	4018	54	69
3780468	61	69	5584	64	67	64	48	61	68	69	55	164	192	61	63
240541	47	47	1611	42	50	58	45	49	45	49	48	8645	3306	44	53
2630010	54	48	572	59	64	61	62	62	61	61	68	7848	3311	63	63
1740669	33	39	40	36	34	45	39	35	39	37	33	8216	2121	37	37
2340577	46	57	375	48	45	41	38	49	44	42	50	468	51	52	55
1850521	59	56	67	58	65	64	56	66	57	63	67	56	55	61	61
2650594	51	85	103	65	46	55	70	43	78	48	52	58	72	89	56
130110	59	77	56	40	37	42	56	41	48	45	55	149	48	72	41
4830376	44	131	91	674	4605	651	53	682	49	42	59	46	45	42	55
7200435	76	1669	122	83	52	58	824	110	1604	2879	190	70	67	83	268
6290239	71	775	74	249	272	111	1481	1030	74	55	281	76	134	148	176
2480241	157	122	214	207	248	621	231	807	220	196	452	237	307	370	223
5080561	360	229	163	672	291	143	270	145	219	272	509	202	157	188	190
1770253	43	43	38	62	527	42	46	41	51	44	40	42	49	43	38
6280440	129	218	252	40	39	37	220	156	187	80	69	35	34	50	52
3450347	427	41	46	48	49	40	44	46	43	40	60	47	42	53	52
3170100	41	242	78	401	247	230	218	40	47	117	482	48	56	58	458

ProbeID	[[201], Bile duct Cholangiocarcinoma of bile duct, MBA_2284	[[202], Stomach Tumor Adenocarcinoma, MBA_2319	[[203], Stomach Adenocarcinoma of stomach, MBA_2298	[[204], Brain Glioblastoma multiforme, MBA_2301	[[205], Brain Oligodendroglioma anaplastic, MBA_2302	[[206], Brain Astrocytoma anaplastic, MBA_2303	[[207], MP Breast primary tumor, MBA_2208	[[208], MP2 Breast primary tumor, MBA_2194	[[209], MP Colon primary tumor, MBA_2210	[[210], MP2 Colon primary tumor, MBA_2196	[[211], MP Kidney primary tumor, MBA_2212	[[213], MP Liver primary tumor, MBA_2214	[[214], MP2 Liver primary tumor, MBA_2200	[[215], MP Lung primary tumor, MBA_2216	[[216], MP2 Lung primary tumor, MBA_2202
2600554	58	66	80	664	1676	1307	76	59	85	63	78	71	81	68	69
2510253	467	187	153	165	47	871	287	504	116	150	387	164	119	163	296
7570477	138	97	244	126	149	113	139	173	184	194	168	202	196	174	188
7510424	220	232	418	174	271	190	241	279	341	375	404	209	745	300	425
6040452	103	160	48	50	70	56	66	64	55	63	121	111	62	100	141
1850068	186	139	106	122	152	101	134	264	170	222	272	199	487	101	133
6110440	81	73	67	82	53	75	66	66	56	74	80	64	77	57	78
6960035	44	46	46	288	365	1225	45	41	48	44	78	41	50	51	42
7050215	45	46	43	45	37	43	47	41	46	41	51	52	54	53	110
1710242	460	1049	341	149	87	486	1615	132	349	488	130	247	348	248	116
4890670	86	68	71	9242	6086	8107	81	75	78	74	57	85	70	78	125
4540468	67	64	61	101	68	285	1013	2332	61	52	62	55	61	57	55
6510360	247	266	233	180	167	116	237	427	182	352	360	195	148	349	224
6110102	83	196	185	69	131	297	69	48	484	74	98	160	89	162	115
6110152	45	32	39	546	62	61	36	40	35	35	59	36	44	63	46
2490044	108	86	108	138	291	110	97	124	107	130	111	86	125	80	101
1070224	59	58	50	53	330	79	72	494	62	56	49	48	66	47	51
2070377	224	94	117	91	66	74	66	61	130	87	105	62	60	77	68
2000128	108	749	206	42	37	45	46	40	53	69	43	1885	2263	5318	66
6100241	44	48	48	41	42	45	67	52	43	96	40	41	162	58	43
6420689	60	58	59	49	54	65	54	48	61	63	53	60	63	98	62
6060347	45	46	46	64	42	46	51	53	41	52	58	53	50	51	56
6040156	163	77	91	123	138	76	108	280	71	58	176	79	80	135	71
3870593	64	410	4368	58	65	73	75	68	70	76	68	64	72	78	76
3610180	40	39	50	42	44	47	44	41	41	42	44	42	44	48	40
6450403	39	42	48	43	44	46	46	43	42	44	41	1302	1428	41	37
4260280	372	72	65	86	69	68	105	66	74	62	144	61	69	122	64
6650215	428	87	111	89	102	359	93	75	103	87	82	78	68	187	82
2190139	46	48	47	44	46	50	42	41	194	71	43	38	57	45	41
4850170	44	46	42	251	45	3955	43	43	44	51	50	39	46	43	58
5310343	45	42	51	257	226	4952	42	42	59	39	68	44	40	51	47
3710176	155	73	76	82	76	77	101	76	73	95	94	80	70	97	102
1450671	497	115	214	93	81	109	96	89	82	96	80	85	116	152	458
3830598	49	48	54	59	55	176	53	52	65	52	50	53	50	51	56
3830170	195	400	144	168	230	154	382	5391	181	295	153	434	261	226	269
5340348	80	105	59	52	73	57	94	70	183	100	73	84	58	2332	84
780356	55	72	103	51	60	51	65	57	68	73	62	56	64	67	67
5360070	499	559	213	406	139	86	402	519	608	542	1474	360	62	422	1139
6250672	252	186	328	74	60	171	625	59	292	594	336	120	140	108	124
580100	90	83	141	56	55	87	471	86	117	60	91	76	57	108	72
7210136	42	82	136	51	48	49	65	55	58	75	90	58	47	73	62

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1170671	95	217	360	42	44	50	153	115	225	185	63	1933	51	346	144
1580411	92	263	366	44	36	53	169	90	240	165	73	1912	48	346	145
20129	171	371	523	78	66	87	573	309	511	347	200	392	343	1047	271
4220068	1901	82	91	69	59	62	75	67	69	74	66	76	123	93	88
3940504	126	228	830	88	77	89	124	154	260	195	75	259	120	222	215
770167	100	173	313	90	90	128	153	121	169	136	107	228	156	181	129
4200451	120	76	73	69	56	46	70	115	78	74	146	81	53	80	59
3460152	127	92	57	74	54	49	74	156	80	78	145	63	48	87	70
2940398	60	69	59	91	64	55	78	57	146	63	315	55	50	108	127
2260424	65	64	68	356	1952	778	79	66	59	65	136	67	83	64	64
1260025	586	333	339	369	499	316	432	194	364	384	314	281	252	254	405
5260014	282	169	115	305	77	79	282	337	477	495	458	293	296	358	446
2360632	373	7468	1064	54	69	73	80	89	2969	2887	60	69	59	121	73
6350437	381	190	101	95	1725	404	100	70	98	143	91	121	64	110	218
4920019	64	74	73	78	69	66	77	68	78	72	73	111	80	73	87
7050053	64	54	58	64	63	59	58	68	61	54	66	63	65	60	56
2350730	60	61	68	49	59	50	105	155	66	65	67	65	51	62	60
6860446	277	87	88	86	82	81	78	86	80	77	71	84	92	74	76
6840609	1297	69	77	77	75	69	71	61	74	64	73	67	69	68	80
5270022	1791	40	41	45	49	46	46	44	50	49	46	53	59	38	67
2650484	95	40	45	55	46	43	41	43	49	37	50	39	46	46	45
5550372	603	74	76	70	86	73	79	60	69	66	71	64	75	59	71
1580487	350	181	229	222	1283	743	260	292	315	151	1283	294	364	285	469
6420356	72	53	186	303	1856	1333	45	38	70	38	45	53	39	41	45
5290711	44	46	34	183	47	79	86	36	58	55	91	41	44	43	43
780528	871	821	346	502	614	150	1098	1737	1619	1665	3117	641	1368	1136	2256
5670722	78	193	4343	61	57	97	71	73	2454	484	70	66	73	72	60
3780291	225	158	2604	278	560	145	352	194	1130	351	181	221	320	186	332
2650673	53	130	537	49	44	42	45	36	39	43	47	184	42	49	45
7160376	68	63	68	63	58	62	177	74	61	81	70	66	71	59	59
6370414	49	61	71	48	44	61	80	58	56	58	50	58	73	82	54
670398	115	93	92	415	307	1073	131	150	76	83	133	81	66	82	90
10187	295	370	146	291	263	160	267	314	234	209	224	75	185	162	168
6100139	72	50	49	52	53	55	81	55	52	60	56	48	58	73	47
3390372	60	51	53	83	113	397	53	43	48	44	41	45	39	51	62
1450392	39	50	49	54	77	59	56	52	42	45	72	48	56	44	46
4010136	47	121	61	53	65	59	67	2158	55	59	775	60	64	55	56
5390113	148	274	338	234	123	255	166	113	316	300	159	203	154	267	142
580754	42	50	43	39	44	43	37	51	45	46	45	613	48	43	41
2260445	57	48	56	63	51	90	63	48	69	57	61	68	63	70	54
1170047	5905	2092	1515	137	149	151	5039	11015	7003	562	783	293	321	1906	733

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5860048	130	274	344	73	81	67	116	135	187	140	106	128	75	121	191
360296	88	88	84	349	4327	1274	79	67	87	75	119	71	57	107	104
540685	437	62	53	64	60	55	70	55	42	57	53	911	15260	51	48
4280440	96	80	89	73	85	83	65	79	107	97	81	84	72	79	67
3830202	46	1018	48	53	61	61	62	48	51	54	51	83	46	53	50
4010095	44	657	45	43	44	47	45	42	42	49	48	46	48	45	38
6900377	36	629	35	37	34	46	46	43	40	37	42	55	49	42	49
7650739	56	56	64	76	1299	146	52	74	55	70	59	63	74	57	54
3870608	356	176	277	519	356	288	509	457	311	261	571	257	420	332	356
6370541	604	1191	72	40	40	39	1053	197	605	1379	42	40	44	74	47
5860674	54	69	60	68	57	73	62	69	61	69	60	69	68	77	69
5820551	63	62	68	59	74	82	49	64	64	73	68	125	77	68	72
7510128	85	74	71	78	62	71	71	74	75	78	69	110	72	64	71
1230603	72	68	69	70	62	77	74	64	62	76	71	115	68	70	75
2710504	42	42	37	47	43	42	42	40	40	44	37	40	41	39	41
5220196	227	193	238	181	431	233	212	249	251	279	333	196	169	188	276
620041	49	64	40	39	48	45	44	44	48	40	45	43	70	42	48
6580626	64	66	123	140	1340	180	56	58	49	73	60	79	114	84	250
2100711	48	52	136	63	50	90	57	54	48	48	80	6410	244	59	51
2260274	152	95	105	117	55	93	94	44	85	52	38	906	139	68	976
4850746	56	62	56	56	61	68	89	58	64	70	58	72	71	62	57
7380678	35	139	538	37	48	35	68	33	691	935	32	502	38	52	35
4890750	101	227	105	90	154	78	132	142	146	115	136	95	115	109	159
5960672	678	611	491	772	1300	666	755	641	709	807	911	458	765	631	1189
870477	62	82	1981	67	67	53	63	60	104	74	54	80	68	54	56
2230341	75	311	13301	64	93	86	60	84	1091	235	70	60	78	70	78
1770497	65	116	6773	71	74	69	65	66	132	132	49	77	77	66	57
5550553	178	97	65	268	89	86	80	230	61	67	97	73	181	75	65
4890671	74	83	67	75	81	45	1242	850	60	89	85	102	116	76	74
20192	171	188	182	183	222	145	178	109	167	145	168	132	138	141	219
5900017	66	64	50	54	52	42	49	65	78	117	71	37	49	55	62
7040100	88	41	76	39	39	45	43	42	245	3156	38	94	40	42	43
6220209	168	286	6928	51	66	58	38	41	410	8029	84	54	44	5571	98
5570703	55	47	69	64	64	67	65	55	59	54	68	54	68	56	66
1190091	93	101	60	89	65	95	94	65	77	463	153	67	63	72	154
2370768	41	41	40	42	46	41	45	41	44	40	97	40	46	42	39
6420736	147	204	736	136	1015	516	689	602	155	70	169	160	301	255	83
2450411	114	188	981	97	949	529	634	736	120	60	160	129	345	281	57
5720465	138	241	968	141	1091	620	669	738	163	116	220	185	433	309	73
450736	76	78	73	77	78	62	85	57	70	64	68	69	71	69	77
7550086	43	38	36	40	42	47	44	47	39	39	38	39	40	39	42

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940746	44	44	46	154	43	1774	50	49	48	46	87	42	45	113	39
4280132	61	477	54	58	50	50	49	44	59	55	57	63	48	51	58
4280504	51	249	44	46	43	49	45	46	47	51	50	45	47	49	47
6330553	311	551	1651	2146	169	132	259	157	273	377	322	204	398	176	281
2100743	633	929	5744	4460	841	419	467	212	786	1124	1448	428	935	525	756
6560523	214	385	2171	1420	283	158	215	148	294	457	309	176	342	145	230
5340338	144	597	200	233	144	93	378	245	283	287	425	109	138	245	177
6650196	432	144	213	348	458	218	312	462	313	267	659	308	348	245	160
6350204	61	63	63	66	85	77	68	79	56	80	71	95	62	66	61
1170605	344	485	559	58	287	106	409	236	308	228	256	543	291	299	358
670333	39	60	229	38	46	91	53	43	68	47	63	35	38	37	42
1410240	44	48	245	39	45	71	45	40	66	49	60	41	48	43	43
6370356	2009	418	330	1215	732	8081	355	2913	121	100	98	123	39	2244	66
2510356	45	49	47	44	42	45	41	47	48	47	47	47	45	44	55
5270468	47	52	58	43	51	45	46	51	55	43	49	50	43	47	43
1030209	34	43	43	36	40	41	41	33	70	40	43	48	37	41	43
4200437	276	794	436	323	212	563	810	765	338	458	414	217	276	370	294
830543	63	39	52	39	49	37	59	41	270	45	35	41	47	43	37
5690112	48	43	59	58	60	64	55	191	52	47	53	59	46	63	58
3360095	75	75	80	69	72	59	1422	4878	73	78	76	122	72	96	95
7040678	40	54	57	16302	4125	3047	493	51	43	44	46	45	175	62	42
4200541	299	282	249	158	85	106	481	2240	184	321	128	301	124	255	322
2370646	45	47	42	57	414	167	64	38	44	45	43	100	51	41	167
5130100	51	42	50	41	40	46	42	43	50	45	52	44	45	45	43
1660243	44	38	46	34	39	42	41	37	35	40	40	48	74	44	37
6220307	62	54	186	56	70	62	62	61	91	65	56	57	77	70	61
3460446	69	74	95	265	606	333	75	87	84	68	80	88	79	74	72
2940403	510	951	549	142	1010	210	538	250	1209	1037	3345	286	149	1251	1182
1580215	386	200	176	106	140	72	221	282	340	533	161	301	106	179	238
130463	359	210	956	1092	56	193	117	60	616	159	75	64	1365	67	60
4120703	67	47	61	45	49	71	62	41	49	43	47	44	53	87	55
6980367	55	55	67	57	58	48	68	51	69	55	47	361	652	83	51
3180156	66	49	60	53	47	53	74	59	61	53	57	67	73	70	54
3780193	41	61	91	43	46	46	50	54	56	65	41	56	48	72	56
5130255	66	71	83	49	43	75	40	48	39	42	38	9689	7976	102	49
2850703	107	114	171	53	67	151	53	48	61	63	59	14059	17491	221	59
7400072	104	104	127	61	67	140	68	59	80	67	62	11798	4931	138	65
7210240	98	96	87	65	74	123	72	65	64	64	65	9659	10403	167	73
5270619	128	203	372	122	112	124	302	182	205	148	169	194	218	330	172
2030451	45	48	44	45	48	42	47	37	41	41	49	42	48	42	44
10504	42	46	46	48	40	45	73	46	46	42	48	42	46	44	934

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2230008	111	39	57	39	47	115	35	36	38	37	45	10974	8874	1669	51
3180025	43	45	50	43	45	42	39	38	47	43	36	1323	3178	118	40
2480228	74	65	98	65	76	93	70	70	49	61	59	16867	8271	290	66
6110022	69	77	77	73	86	73	79	74	57	71	74	14008	4110	175	67
4290014	607	453	448	300	357	253	626	565	415	517	562	514	334	495	878
7550368	352	176	83	134	1512	1056	1040	409	98	168	895	173	115	631	79
7000575	152	65	86	84	82	78	277	572	74	108	79	91	68	97	74
5700095	48	60	67	54	62	74	65	76	51	56	60	76	49	48	55
2570500	88	108	89	323	94	209	158	69	97	96	108	131	93	77	82
1660341	290	125	84	75	235	128	113	79	94	96	84	164	82	212	93
1400433	177	66	79	76	128	79	122	69	83	72	75	91	113	112	78
4610592	849	2293	1961	59	64	71	56	71	821	1525	62	1540	571	569	94
3170204	819	184	47	193	65	57	40	40	70	42	106	35	48	170	40
6860154	74	44	50	45	50	38	42	36	40	40	187	215	312	43	40
1260468	67	92	117	52	48	82	34	45	69	65	63	180	48	56	47
4780278	98	98	282	70	61	92	51	51	60	62	69	12007	4532	55	58
240053	74	91	98	56	48	51	74	80	109	166	89	74	107	64	64
4610520	1141	1325	3731	44	42	68	40	43	3424	1833	47	177	42	96	2072
3190167	45	44	48	10577	2072	4104	48	44	60	41	48	53	55	50	51
5340730	72	62	82	67	62	58	59	79	66	56	60	51	62	52	78
940692	39	41	69	28	41	39	45	46	37	45	37	38	46	41	44
7320193	50	391	821	59	54	59	82	50	61	49	128	57	49	49	38
6330477	66	12680	20146	80	73	68	71	80	69	74	72	78	78	78	83
2340553	142	92	114	150	119	89	98	86	102	90	207	72	558	143	169
1660184	50	43	44	61	48	110	946	43	48	45	53	225	49	46	40
450368	100	250	65	38	40	46	67	57	63	62	75	51	52	65	74
3830044	97	137	101	64	54	62	61	95	99	292	80	52	75	76	85
6290554	70	305	67	72	69	79	103	91	88	88	73	352	69	73	77
3830332	72	94	158	67	59	77	68	62	82	95	72	320	106	68	81
1050414	85	87	103	356	75	175	131	82	90	119	135	2704	10302	288	114
780600	2756	489	1225	538	70	132	478	260	340	2479	448	168	602	904	1528
7050333	70	65	73	8534	2748	3404	91	66	87	65	74	301	190	73	77
4290465	59	82	735	54	54	59	190	54	108	59	51	54	55	67	59
5720482	990	161	416	1345	51	170	295	137	187	238	512	199	546	373	656
5260070	1869	1768	525	532	587	1140	822	332	577	957	584	556	481	793	761
610201	173	1134	408	1147	7871	2679	605	407	503	1139	350	219	83	133	101
5570279	937	512	549	260	112	147	326	578	283	238	528	1236	1412	225	458
290730	984	728	851	627	87	149	1202	1999	542	691	229	955	2026	155	1195
6200669	466	476	362	376	66	91	623	1080	230	322	198	419	1023	104	408
6290685	153	117	69	90	52	75	79	98	82	104	109	116	119	67	79
6110630	4351	2396	1786	1396	70	359	3236	2973	1431	2197	2015	4910	2718	1073	1991

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5050402	928	470	350	296	64	104	587	683	283	372	255	1196	514	219	302
2970019	190	111	118	195	46	87	377	583	53	102	121	173	283	65	153
610451	960	1278	387	621	112	99	361	1323	318	326	752	487	1046	251	645
6100022	863	635	342	504	84	75	392	1040	276	291	747	504	703	289	811
870301	615	472	675	77	80	101	67	70	551	988	250	342	70	146	108
5260091	64	63	51	6498	53	55	51	53	60	51	87	51	59	49	60
3460608	54	102	63	56	73	75	50	71	53	56	54	66	57	61	102
6590131	74	63	72	71	61	145	71	76	80	66	69	11717	12187	648	245
2140196	68	63	69	75	81	81	369	230	73	57	75	6734	1175	51	73
990091	61	66	65	57	57	91	61	75	64	69	68	4889	339	57	67
2260747	60	72	56	71	214	188	57	57	56	51	144	59	59	77	239
3170403	72	55	58	57	58	61	63	56	149	66	56	3024	538	66	60
5570711	395	122	197	76	53	60	76	76	130	81	58	85	80	160	180
4920131	45	52	39	141	317	120	93	292	43	40	201	51	51	47	45
3290368	128	65	220	61	48	63	44	41	41	38	53	2041	490	68	46
4120161	41	58	52	50	49	53	122	46	43	42	58	63	43	39	53
6200044	53	47	49	66	55	48	63	49	52	46	55	43	44	51	55
5420386	53	86	62	58	55	61	68	62	91	62	47	139	71	101	69
1230538	45	48	47	324	3798	2433	54	45	70	55	83	43	46	53	56
380259	281	97	132	45	45	44	49	54	94	62	51	55	73	103	154
2140376	69	78	61	68	64	63	48	53	60	70	51	67	72	63	72
870626	1624	66	78	89	69	81	83	91	87	76	71	89	80	79	69
4040474	63	74	88	73	1398	110	233	64	85	53	58	69	45	73	47
7200719	949	647	430	548	709	535	781	465	361	405	1553	328	975	492	655
2100196	5773	3786	912	2519	112	288	1105	485	676	4224	973	1688	517	1672	1507
2690224	578	539	296	290	337	243	428	494	453	590	467	350	394	347	769
730722	75	58	70	69	126	77	109	81	61	64	76	9465	310	67	73
7610170	56	94	1805	43	49	48	48	46	546	149	49	76	49	96	47
6960563	44	67	95	44	43	42	43	53	70	52	44	58	35	46	41
7320349	86	93	89	88	104	172	78	99	95	82	114	86	123	81	79
6960739	74	79	79	68	90	114	74	70	71	74	87	70	82	58	69
5390435	49	49	49	46	50	80	44	40	44	48	55	48	43	41	58
4060192	97	110	98	208	273	107	87	90	149	101	98	77	73	88	61
6220309	93	79	74	111	93	370	65	69	73	78	181	78	54	84	80
5490711	40	53	46	48	54	47	45	51	45	45	53	49	45	46	47
4390291	69	72	54	830	339	178	70	75	64	77	91	62	92	68	61
2000274	41	37	38	38	44	44	50	41	34	38	38	40	44	43	41
6960259	59	61	82	3725	1273	444	70	69	62	66	147	67	60	59	62
3370544	70	59	201	123	82	1176	68	61	59	58	554	69	98	68	156
3130711	83	73	82	192	76	473	59	72	73	72	87	73	80	70	62
4810703	463	478	627	99	70	761	182	363	295	283	123	77	77	376	320

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6660671	208	408	281	92	53	434	84	309	147	176	107	51	58	185	196
1940193	117	93	105	188	100	990	148	95	115	114	179	105	77	91	75
990112	86	88	85	73	85	86	88	68	98	77	63	98	72	77	79
4810424	34	42	65	37	35	30	61	45	44	46	43	47	43	42	40
580292	54	65	65	55	64	69	64	47	51	62	63	63	64	61	68
2320296	47	48	50	45	42	42	90	41	41	42	38	50	50	134	46
3990739	90	120	190	83	57	61	68	63	87	158	98	55	101	108	90
2030259	34	40	38	38	43	36	49	38	37	34	42	37	40	46	39
5490040	72	77	87	72	74	78	76	69	67	80	69	67	68	65	73
6400703	170	253	116	124	84	113	148	105	97	122	111	136	92	94	188
1570184	55	54	81	165	63	444	58	47	74	54	77	54	45	71	113
3610730	359	128	160	75	66	54	98	54	91	140	50	49	187	94	79
7380392	132	63	90	80	330	126	116	77	70	81	556	187	66	106	58
5900273	73	86	63	268	1565	2536	57	74	119	75	77	86	65	73	96
1510075	48	50	46	67	558	136	37	49	48	45	54	42	49	41	52
6860634	47	76	54	67	53	48	50	44	45	43	54	39	58	63	49
6620259	157	73	82	357	84	1350	57	76	77	81	91	73	144	82	105
540204	104	309	138	60	61	120	107	170	148	81	172	100	724	393	196
5080259	55	126	48	39	55	41	46	56	51	49	66	38	429	84	72
990086	41	64	45	284	598	1499	66	57	35	48	48	47	43	48	44
3140259	55	42	45	76	320	97	43	42	54	45	147	51	212	70	47
2100189	184	151	241	208	610	456	293	325	194	209	161	118	251	157	337
4250246	816	390	677	890	926	442	993	2190	534	550	875	562	456	352	558
1980079	77	78	82	128	88	396	81	95	74	100	80	92	96	87	99
4850300	471	257	94	299	333	467	316	526	247	333	635	137	106	190	150
6520440	271	434	108	2625	2643	11050	65	909	117	83	653	71	57	59	59
4210561	628	194	215	290	103	723	234	748	179	393	138	133	212	253	384
510632	212	138	157	83	163	243	315	106	103	270	71	62	57	69	72
4050398	70	131	171	50	49	47	9146	49	211	49	38	54	56	116	68
5960524	65	65	84	72	76	59	64	61	71	57	71	76	73	78	72
460202	48	63	42	42	36	46	61	44	49	49	76	50	44	50	39
3780491	75	72	66	80	73	87	72	86	75	77	79	67	103	63	69
5290707	75	69	68	63	65	67	577	73	78	286	71	68	78	70	92
1450619	43	58	58	38	45	54	40	37	39	42	42	5744	2057	48	42
3190524	446	394	284	335	323	122	320	360	325	434	812	171	134	445	622
3840445	13149	930	66	57	46	90	654	122	110	71	212	46	89	183	5718
2060414	66	54	73	64	61	61	62	59	56	58	60	68	74	59	95
5860289	127	56	34	38	51	43	96	49	52	34	41	40	35	52	4680
430446	227	50	49	50	50	46	788	57	56	48	46	52	48	42	53
7040142	333	157	132	108	68	73	121	107	150	83	96	293	153	135	1318
3460685	689	297	212	105	37	47	153	82	245	67	178	520	255	377	3738

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5490358	45	42	48	47	45	51	56	53	129	149	65	52	36	54	45
4390100	5258	944	306	43	45	49	149	56	190	526	153	50	43	202	1132
3140427	69	272	109	82	59	195	69	57	206	137	64	76	65	70	63
4390398	11123	20541	6308	102	125	123	107	109	3424	10790	129	199	438	320	380
520465	41	47	48	41	48	50	66	44	46	53	42	42	50	56	50
1570148	42	44	45	45	40	43	43	39	40	40	37	903	41	39	41
5860528	108	584	59	64	60	73	67	92	370	437	92	71	66	69	71
3180615	179	165	68	70	88	73	65	65	81	444	450	62	67	99	105
6840209	322	1083	6040	44	77	62	52	57	3585	2354	52	513	80	59	45
3710161	504	55	70	59	61	61	77	66	76	66	56	65	65	73	67
1470168	43	41	49	48	45	50	45	42	47	37	46	47	51	43	37
2900343	40	35	41	41	41	33	40	37	31	36	34	39	45	35	41
6420450	1656	633	695	293	381	262	280	314	362	469	274	1364	329	377	287
4220482	60	41	40	54	47	43	41	43	49	41	127	48	38	67	49
5260672	105	1519	17736	78	71	79	79	74	68	66	77	90	115	75	73
6980632	499	209	381	435	807	1493	996	174	735	284	143	71	60	375	189
6660687	111	121	108	89	159	122	125	116	92	113	123	69	74	96	232
2690438	72	87	76	431	756	2392	74	58	65	72	65	65	52	61	63
5270551	94	85	65	140	80	66	114	127	132	173	120	56	74	107	91
240343	56	59	86	70	53	50	45	67	58	54	80	47	55	57	59
1240408	108	90	75	62	125	85	81	68	64	74	87	103	88	84	74
4480528	586	259	106	75	473	258	228	68	131	102	98	420	141	326	148
240386	213	93	117	254	426	188	84	84	116	290	471	62	270	220	88
3780767	76	166	75	126	88	1007	252	216	525	184	2092	955	115	475	424
6620373	202	81	98	199	231	144	73	61	96	183	378	57	142	117	57
3930669	537	2109	9363	52	61	52	1037	63	90	58	199	212	83	60	60
5490307	58	66	72	69	71	58	84	63	56	51	68	83	84	65	67
3060187	458	414	603	940	2337	683	232	346	220	374	487	197	800	386	266
2490132	63	548	113	65	61	47	68	180	62	70	54	73	59	105	117
4150685	118	124	90	142	134	70	103	70	80	116	153	86	139	98	72
2260037	293	921	542	69	115	66	242	259	856	603	122	467	112	265	114
1260064	342	167	656	155	405	139	365	240	286	415	153	101	192	272	484
1660220	204	203	147	85	272	141	178	130	113	109	261	106	128	102	123
6400484	55	53	55	69	64	64	184	834	59	72	67	56	61	61	69
4850189	51	47	54	180	78	319	42	47	67	52	45	49	48	47	39
4760196	69	67	51	63	64	71	55	73	61	60	50	661	1171	56	48
670670	45	40	43	42	44	55	51	38	49	40	51	473	697	45	42
6370008	63	82	207	63	76	89	64	73	70	103	75	56	55	57	66
4490594	11798	9722	8759	13848	14363	14681	5391	8162	5978	12593	15202	6947	15690	11674	15260
2970152	118	103	63	64	61	65	61	66	63	78	67	65	52	100	544
1820288	318	153	99	78	115	97	99	89	84	73	91	134	96	162	76

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3360327	81	101	70	90	104	76	100	85	86	122	91	74	82	75	107
4480762	78	65	59	70	63	77	77	68	65	71	61	69	81	74	56
4280093	353	207	176	155	265	205	125	89	124	157	202	241	282	253	186
3850367	350	227	124	108	695	298	187	804	196	187	98	182	190	148	141
110333	172	188	65	75	60	71	131	125	89	68	421	93	74	272	175
3610520	103	83	70	58	112	76	110	77	85	99	159	70	72	102	119
2710121	1362	79	101	388	82	87	71	76	80	86	92	84	94	77	90
5670372	97	211	289	174	92	174	133	81	229	284	122	173	123	227	113
670066	54	56	69	55	46	59	63	64	60	66	65	54	58	62	65
2360739	46	126	142	32	55	51	57	76	65	62	37	48	55	48	50
380519	323	169	110	89	139	101	101	83	89	102	83	188	69	123	77
4040113	111	93	60	89	80	82	100	62	361	77	73	68	152	78	117
6130152	390	370	147	75	45	76	79	75	289	337	348	114	134	75	142
5960328	75	1783	5848	74	93	102	93	84	6262	2389	79	90	103	66	78
4590332	67	62	58	62	2201	100	64	69	65	66	71	59	78	50	65
4780754	81	58	60	64	61	37	69	69	70	68	70	67	60	79	65
2120189	65	89	48	75	57	56	64	65	77	91	80	55	59	47	67
1410747	67	72	68	66	70	67	1090	271	72	69	69	53	67	63	76
5820746	101	84	92	64	82	74	66	838	89	89	83	88	79	87	143
6020242	63	86	62	65	89	64	58	69	135	77	318	50	181	75	55
6580088	239	252	99	879	759	514	95	101	130	344	141	87	559	240	324
580445	304	2485	665	73	74	75	318	652	2303	544	73	438	77	563	531
6400414	103	81	91	98	116	90	77	965	80	88	132	91	108	93	132
5870653	459	132	59	54	60	55	242	61	52	54	62	47	64	61	11546
5560707	387	61	67	56	63	61	70	68	72	79	82	84	69	59	60
6290450	55	60	50	54	63	54	51	51	57	58	50	62	57	61	57
4760673	68	69	65	65	62	60	63	78	72	60	50	64	66	72	70
6770706	58	51	63	55	57	51	59	58	57	52	57	69	57	63	61
6180546	59	73	59	65	66	59	74	61	50	60	68	74	66	55	59
4390386	90	73	70	88	75	82	66	84	73	76	68	107	95	1867	74
6350091	52	56	47	52	59	52	70	54	57	64	61	56	65	50	49
1570286	76	67	73	68	83	72	70	72	81	65	69	60	77	75	78
1510519	79	72	66	71	74	59	75	79	67	70	58	62	96	78	66
60546	61	65	63	60	66	57	62	53	66	59	60	61	62	58	58
5700360	76	91	103	68	73	67	67	92	82	102	69	830	79	59	87
5420324	70	65	65	66	107	65	82	70	51	85	60	56	61	72	55
50291	73	73	71	69	65	61	72	74	76	68	65	70	79	64	67
2340088	51	49	53	55	48	53	53	53	50	46	67	56	50	44	62
6840278	61	56	57	54	54	64	60	66	49	65	52	50	56	55	49
2060372	528	216	470	530	1164	530	1155	364	165	258	596	400	884	475	124
5720491	675	181	654	347	221	211	255	175	245	255	273	255	295	189	254

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6770746	106	1222	117	113	262	315	114	121	171	118	698	98	278	397	357
5670280	537	1070	567	967	1143	675	486	603	439	497	1396	1089	1160	619	893
5080138	416	102	261	77	72	84	76	60	155	105	102	2653	174	75	122
4760192	221	169	67	68	78	65	60	68	72	83	65	86	70	89	1215
2650056	123	82	93	85	75	103	89	84	85	75	81	120	85	86	77
1850168	74	63	59	72	77	86	66	74	70	73	61	73	86	72	72
6770441	68	79	71	61	76	71	73	73	66	73	65	87	72	70	73
3060703	96	133	98	68	188	80	167	142	84	137	147	621	50	75	82
2810504	298	183	89	113	220	114	200	155	125	136	91	200	103	181	252
3170431	217	308	258	199	333	107	196	142	159	205	205	99	541	310	173
6660162	192	195	281	131	79	65	354	170	101	186	101	967	1103	134	161
7150324	69	85	184	86	75	108	102	81	112	83	79	84	101	121	102
2810687	499	187	213	299	334	175	253	376	237	337	337	215	143	252	310
4490544	43	84	38	40	42	48	47	55	78	206	42	40	44	45	44
3990561	70	86	131	392	95	3431	83	62	117	112	467	132	77	384	65
240220	125	97	275	53	63	78	730	85	151	47	104	79	45	264	57
6370754	46	64	38	38	41	45	105	50	41	45	41	44	47	47	42
3140349	59	67	65	56	49	53	56	58	71	80	67	70	55	69	78
5910612	58	1175	75	75	62	69	67	65	69	82	69	62	80	56	83
4200722	43	83	39	44	47	46	51	48	44	40	41	44	39	37	48
6660368	53	72	85	41	54	46	64	49	55	54	51	57	52	91	72
4590477	142	169	345	121	88	93	150	123	154	164	98	214	163	232	172
1400142	58	67	51	74	60	62	76	59	64	61	65	85	67	62	57
270470	68	62	70	71	61	58	67	80	66	72	65	90	68	58	79
6900170	44	42	40	47	42	44	38	43	43	42	41	43	34	45	45
3170450	123	112	106	102	261	106	75	65	82	91	220	66	114	114	164
1450446	47	61	55	57	70	74	60	55	47	59	64	75	57	49	62
5670709	111	87	83	97	121	151	81	109	88	118	107	107	183	99	130
6770408	395	420	69	182	268	66	479	322	296	338	872	162	76	252	741
6290494	427	520	198	134	196	115	433	403	436	370	665	194	229	350	451
6020170	652	800	218	382	631	267	524	1551	919	769	1232	561	197	1041	1633
5490068	69	202	261	72	45	52	171	69	97	115	87	58	62	258	199
4540414	225	180	251	150	223	125	175	189	211	214	165	172	226	192	170
3780437	34	38	425	38	36	37	41	42	51	50	34	37	44	38	43
3520338	75	78	67	50	48	53	129	75	85	115	42	105	48	67	62
770682	158	429	964	86	105	101	482	275	422	187	93	260	92	234	390
7330367	66	58	56	71	65	59	69	59	72	73	68	66	60	72	61
2370632	1036	1392	240	75	59	72	1654	303	494	1199	798	138	156	198	464
4760626	130	413	298	38	40	43	191	62	994	595	92	119	47	113	832
3180528	197	844	418	55	41	39	325	520	1362	326	565	367	532	249	728
1230228	3490	1491	2545	67	65	72	119	65	2595	779	94	70	70	3410	87

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
2810762	63	63	59	54	67	65	67	59	50	77	58	56	64	53	78	58
1740692	79	58	68	74	61	61	68	71	55	88	81	72	61	68	69	61
2450452	435	435	329	314	467	637	1130	887	289	174	376	466	358	167	326	457
4850576	44	35	38	44	46	38	40	41	38	42	43	42	45	44	36	39
510133	161	147	147	306	947	129	171	136	168	365	240	147	137	129	163	158
2640598	69	59	57	62	83	58	74	66	62	65	64	60	69	60	53	63
6330730	1179	664	1187	1279	169	570	1963	979	3514	1826	1922	3227	1879	1201	638	1575
4560228	54	60	76	60	64	57	60	74	51	58	53	62	61	58	76	59
4610201	220	152	128	166	133	153	139	211	222	140	226	193	164	153	308	162
6510156	150	89	200	171	176	242	273	163	530	350	591	454	81	299	122	193
5390767	55	50	48	40	58	58	56	60	55	63	55	45	53	49	69	56
5490465	66	62	72	61	51	67	61	67	59	72	52	68	67	52	70	61
6960438	73	73	77	69	59	68	61	68	61	79	58	65	59	67	78	58
4060025	56	64	78	89	72	64	58	77	65	69	73	66	76	70	57	59
4850711	135	122	119	135	105	107	80	113	88	85	113	101	116	84	215	89
3990497	293	253	424	371	329	156	237	307	183	238	146	207	187	257	560	180
4200711	106	102	96	73	86	88	75	75	83	68	53	83	70	104	175	81
3180647	84	61	77	61	70	66	76	67	69	88	67	62	78	63	71	63
1090196	97	57	58	53	54	56	57	65	208	82	87	82	60	56	72	78
5260280	89	83	89	74	100	62	55	68	62	82	68	84	89	62	122	67
6290091	154	160	283	139	147	113	122	149	138	203	144	192	158	138	281	151
2710687	185	115	114	134	73	95	115	129	137	120	100	125	95	126	146	133
6270731	73	57	60	67	60	61	58	69	63	61	59	70	61	64	63	51
3840091	90	83	79	83	73	73	70	73	84	90	82	97	68	90	99	83
2510164	240	111	144	168	77	473	139	392	412	648	440	336	250	181	238	235
580161	52	78	94	119	57	244	86	240	259	295	220	236	146	91	131	106
380685	239	89	126	165	83	505	130	488	490	975	430	333	239	144	251	280
4210044	77	63	78	65	59	72	82	66	81	66	77	76	58	67	72	73
2450020	111	99	88	66	88	65	63	88	57	58	62	65	59	62	157	63
20543	63	60	64	60	53	70	69	74	52	60	72	64	63	61	66	60
4390044	56	55	60	61	59	60	60	67	71	60	58	62	70	63	77	88
3870156	69	72	67	59	64	64	56	73	53	54	42	50	62	54	74	64
1850273	98	78	94	81	100	69	65	86	77	65	61	77	67	49	134	66
3310037	68	150	89	49	306	40	60	73	41	45	47	48	42	45	51	44
3370736	260	459	662	380	3614	365	182	444	241	193	161	210	157	375	185	219
5310368	44	37	40	45	46	39	40	48	43	40	47	41	46	42	38	41
160433	41	41	42	45	44	49	45	45	44	41	45	45	45	47	47	42
2070735	155	188	232	236	405	90	149	133	106	196	116	161	111	164	161	130
3710711	194	309	333	441	556	109	160	183	129	422	176	204	177	167	250	157
6860138	67	138	62	66	4661	63	60	62	52	54	61	60	61	56	60	58
5340692	116	105	123	74	333	66	73	124	60	57	54	54	70	57	118	73

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
270347	97	79	203	163	167	79	81	89	66	164	93	84	109	171	71	107
2690577	58	57	68	57	53	58	62	58	55	59	58	60	52	56	60	61
870475	72	68	67	87	58	87	79	73	65	63	93	79	72	51	59	65
540014	63	65	75	72	101	69	66	59	58	68	128	73	60	79	70	67
6040433	46	51	56	47	700	43	39	41	50	43	43	42	44	35	45	41
4810730	69	79	82	64	832	73	68	82	60	69	72	69	71	70	64	58
3180639	41	44	47	42	3689	45	38	36	39	44	37	39	39	36	38	34
60017	63	66	56	55	50	66	71	60	66	76	66	68	68	64	67	72
3520768	297	507	224	62	3707	64	49	286	39	41	39	43	41	63	51	52
4280192	68	65	66	65	49	63	57	65	75	64	76	68	74	71	61	56
770255	67	72	66	71	62	75	55	71	68	60	59	73	90	67	69	58
1770603	42	38	37	37	37	38	40	41	47	31	43	40	37	43	40	44
1410192	80	69	68	94	68	74	60	85	66	83	111	88	82	88	65	70
1230672	51	49	40	42	44	50	48	56	45	40	47	43	43	42	45	49
4040632	55	72	60	62	67	61	55	64	69	57	58	63	56	61	57	63
4730376	41	40	65	48	47	43	45	47	53	51	44	42	51	39	42	43
4900634	41	39	46	39	43	49	39	43	44	45	42	42	40	38	46	41
4290209	71	97	107	96	83	144	341	167	101	110	75	77	93	134	82	118
940674	43	34	55	37	43	38	44	41	41	45	41	43	43	44	41	43
3360762	76	82	98	89	66	61	106	66	85	69	63	91	78	88	82	63
6180750	41	39	44	42	48	34	40	43	38	46	39	44	36	40	43	38
2320168	39	41	39	50	46	55	40	41	45	42	50	43	45	43	54	43
6980470	41	36	39	43	47	44	40	41	43	44	37	43	38	44	39	41
2640301	44	43	36	43	44	42	44	41	50	41	51	50	47	47	48	39
6100484	55	67	60	64	64	71	62	57	59	66	53	62	65	60	67	57
6060376	69	65	62	73	66	85	70	56	68	85	80	111	66	107	64	75
2570161	71	74	109	83	102	72	74	85	81	78	83	91	81	86	76	79
990441	48	46	57	43	41	45	45	48	40	49	44	47	47	46	49	44
4730564	225	286	197	187	390	262	200	214	163	61	151	172	156	214	161	180
4890092	110	112	145	76	98	78	69	84	100	77	64	66	99	62	142	69
430300	60	61	65	68	49	65	50	65	55	63	58	65	56	62	76	59
3850326	43	47	37	46	44	42	48	50	44	45	44	42	45	41	41	40
2030709	80	81	67	64	69	88	74	4334	81	91	90	56	73	68	99	77
5260253	40	44	43	37	37	42	39	37	49	41	41	41	48	39	41	41
6040731	48	42	57	42	44	42	47	43	58	42	44	41	44	46	42	43
6420605	85	62	64	76	65	68	81	103	68	85	61	68	71	80	67	70
4250367	50	65	75	68	61	65	52	70	74	68	76	64	80	59	84	76
3930086	491	541	643	784	874	372	530	486	486	530	573	407	610	518	414	393
6580059	269	423	129	105	249	491	146	171	54	57	60	80	62	42	228	380
1070088	63	62	55	63	52	58	60	58	63	65	81	48	73	59	52	50
6370703	42	48	38	49	37	42	41	38	45	38	38	45	42	41	44	39

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
6860392	73	65	73	76	75	84	71	57	64	68	75	66	73	77	72	60
2190408	47	51	79	47	46	58	58	60	51	55	51	54	48	52	42	68
3390215	48	63	61	65	48	50	66	58	62	83	74	68	53	72	80	65
7000619	70	61	74	57	60	72	56	71	62	70	67	64	72	83	60	63
5420189	49	37	47	49	55	41	45	39	36	45	48	40	39	46	38	44
5570181	46	51	68	53	73	50	65	51	59	51	59	58	55	58	43	50
5810730	38	34	34	42	38	38	37	46	39	39	33	35	40	39	34	44
5900228	51	65	48	70	62	61	60	55	67	63	67	71	81	55	57	62
5360601	74	87	72	85	88	69	77	93	93	77	107	100	83	79	68	72
7610524	55	62	54	57	60	56	58	62	61	64	53	73	56	54	60	52
2850619	137	454	86	81	335	59	72	94	74	99	66	78	89	86	268	123
3130372	49	48	62	42	61	47	52	46	43	51	45	47	43	48	59	48
5910414	43	51	40	43	55	44	42	41	56	49	49	51	43	47	49	45
5870091	55	48	51	62	58	61	58	60	54	60	47	60	69	56	52	47
1090008	35	33	52	43	41	44	42	35	40	41	42	32	50	42	38	34
70451	86	91	84	99	115	65	66	89	82	91	85	77	83	63	68	92
3710026	63	70	54	46	52	50	47	63	48	43	42	48	76	40	59	61
4260286	87	78	89	96	80	98	80	72	91	111	92	95	103	93	85	96
2810451	46	44	43	47	53	47	44	51	40	39	37	35	36	35	48	45
5700431	145	151	113	171	129	70	110	110	123	95	109	108	110	99	144	126
1240746	70	59	84	84	61	86	69	69	73	86	78	69	93	81	79	88
2710343	43	37	48	52	56	54	39	46	41	44	38	40	49	38	43	43
6840202	75	65	71	80	59	63	56	79	67	72	56	69	64	67	79	53
6940431	82	523	88	52	465	65	55	75	60	173	88	52	57	54	68	53
4490743	62	54	54	60	57	59	52	69	61	67	67	70	55	58	46	59
4810632	56	65	70	62	58	77	51	66	58	61	55	62	67	56	72	62
5220753	64	69	62	75	58	66	60	52	78	72	65	71	69	65	69	57
6200091	71	66	49	60	68	56	67	74	46	64	58	85	73	60	60	54
2690279	88	131	76	47	439	48	57	93	46	39	48	45	49	50	54	43
6590523	51	81	84	51	117	60	50	58	51	51	47	51	56	62	53	40
670414	300	69	89	94	97	49	84	142	78	60	57	60	58	57	60	46
4490288	177	52	95	435	68	127	266	111	85	48	46	238	44	37	47	47
6580717	40	52	65	43	45	43	38	41	44	39	43	42	40	47	32	52
5560411	168	145	180	158	174	153	129	157	172	145	151	158	119	122	149	148
1170154	122	161	104	133	232	118	122	98	95	99	124	98	80	89	142	115
3290152	105	147	162	129	177	81	74	96	84	74	90	81	97	71	90	96
3310592	633	587	999	2808	3849	503	569	585	455	3178	681	729	1238	534	512	517
3450750	1020	1087	1972	5875	7561	869	999	1008	804	6462	1174	1405	1628	891	1058	894
3400070	179	185	197	226	220	184	199	138	220	136	259	223	180	169	159	179
20603	207	229	196	219	345	164	183	158	172	224	196	207	186	153	176	170
6580113	62	62	66	63	60	55	56	71	68	73	68	58	51	61	61	63

ProbeID	[[068], HA-c t (Human Astrocyte-cerebellar), MBA_2110	[[069], HA-h t (Human Astrocyte-hippocampal), MBA_2111	[[070], NHA P3 Normal human astrocytes, MBA_038_R	[[071], HSC human schwann cell P2, MBA_1895	[[072], Human Neurons P1, MBA_1896	[[073], HBVSMC t (Human Brain Vascular Smooth Muscle Cell), MBA_2101	[[074], HBVP t (Human Brain Vascular Pericyte), MBA_2102	[[075], HCPF t (Human Choroid Plexus Fibroblast), MBA_2105	[[076], HDF-f t (Human Dermal Fibroblast-fetal), MBA_2119	[[077], HDF-n t (Human Dermal Fibroblast-neonate), MBA_2120	[[078], HDF-a t (Human Dermal Fibroblast-adult), MBA_2121	[[079], "HHDPC t (Human Hair Dermal Papilla Cell), 10µg", MBA_2122	[[080], HLF t (Human Lymphatic Fibroblasts Cell), MBA_2125	[[081], HPLF t (Human Peridontal Ligament Fibroblast), MBA_2127	[[082], HISMC t (Human Intestinal Smooth Muscle Cell), MBA_2130	[[083], HCoSMC t (Human Colonic Smooth Muscle Cell), MBA_2131
5870008	64	59	60	75	76	64	65	66	63	65	42	67	69	61	60	58
7050201	64	65	62	63	57	69	66	56	63	73	71	55	60	57	56	59
150735	64	274	75	54	74	53	51	58	62	62	46	47	69	65	62	73
510066	64	65	69	73	71	65	62	68	66	75	62	60	64	57	69	74
1470162	69	65	47	72	79	71	80	71	82	69	68	55	70	64	83	71
3520168	1053	332	284	110	123	311	87	613	283	158	78	140	729	243	1263	289
1980538	63	74	59	71	1237	68	67	70	54	66	61	65	70	71	74	73
5820026	85	79	80	124	72	62	94	74	72	151	69	134	108	74	106	102

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
4850086	50	35	41	38	39	38	35	40	40	43	45	50	37	42	39	39
6110592	119	101	71	51	80	70	81	128	131	75	73	75	127	130	93	61
3190082	50	56	55	55	62	54	48	51	56	55	55	58	72	74	50	58
1450100	49	54	54	48	54	45	40	44	49	47	49	47	70	68	48	50
5490382	36	36	46	47	48	43	49	38	42	38	39	41	55	43	41	42
3520709	87	66	60	66	99	73	73	69	65	86	75	64	66	61	86	72
3120681	40	45	38	35	40	42	42	42	43	34	51	51	43	41	47	40
2030161	89	149	67	65	79	78	61	85	66	67	66	85	91	66	68	60
270709	69	82	69	86	72	74	63	108	69	69	53	74	69	65	83	75
2320377	39	40	46	43	41	41	45	38	46	47	43	35	54	45	44	39
1260270	91	75	65	72	85	132	105	184	100	67	76	79	89	82	86	80
2760274	52	45	46	58	46	50	50	40	47	48	52	60	80	63	47	59
2650736	55	48	56	41	58	45	45	52	48	52	50	49	69	63	48	43
5910010	70	75	83	80	71	73	84	70	91	66	75	84	68	70	70	67
5310524	111	99	121	82	98	112	110	128	124	123	98	104	114	173	118	73
3780156	46	50	52	46	46	43	43	55	47	45	42	38	72	56	43	43
1050561	82	52	67	67	67	65	78	67	77	68	72	81	65	62	80	75
2480040	50	49	36	38	39	40	41	51	48	41	49	40	65	53	33	43
5910309	37	38	36	36	38	40	44	37	43	39	40	39	38	49	44	37
5810050	94	109	103	61	76	71	81	102	100	87	65	68	86	90	52	46
1030184	50	39	46	53	54	50	45	52	53	49	55	46	59	51	48	54
3460279	57	50	47	50	51	55	52	64	59	50	51	58	76	72	57	57
4570364	261	516	77	71	73	82	80	84	69	79	75	67	73	72	76	91
6380020	72	82	57	61	67	70	67	68	75	54	67	68	55	58	72	81
3780468	62	51	60	68	67	57	73	52	48	48	64	66	47	44	59	61
240541	47	47	55	51	55	48	46	44	47	47	53	44	47	58	49	47
2630010	49	58	54	61	47	53	63	56	56	55	55	53	64	45	69	112
1740669	34	36	36	35	37	37	49	38	39	35	40	37	43	50	44	32
2340577	47	61	47	51	44	49	50	38	45	50	39	50	55	54	47	49
1850521	56	57	58	75	98	87	60	53	63	65	57	56	73	79	98	115
2650594	44	45	38	43	39	41	44	48	40	43	45	39	64	51	47	44
130110	43	46	43	46	51	87	56	100	63	38	41	47	63	69	46	52
4830376	44	50	44	44	48	46	46	49	47	50	44	48	42	59	41	45
7200435	68	52	57	57	58	52	51	55	55	60	62	58	70	73	62	55
6290239	79	68	125	122	65	83	75	86	70	105	67	97	108	85	102	71
2480241	166	165	107	289	178	108	101	150	202	102	122	139	191	131	249	184
5080561	213	227	158	132	127	108	187	274	174	105	217	74	132	122	121	101
1770253	41	46	48	49	37	46	40	41	48	46	40	44	42	45	41	45
6280440	37	40	42	42	32	36	36	41	58	33	34	41	50	46	40	39
3450347	36	45	42	51	44	40	37	53	48	47	42	49	52	62	46	38
3170100	38	46	42	47	45	46	49	46	140	48	38	45	66	66	54	41

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
2600554	60	75	60	65	75	72	60	79	72	63	77	61	62	63	52	64
2510253	76	75	47	56	56	65	64	59	385	52	53	60	83	212	48	44
7570477	190	177	143	131	144	110	114	102	141	336	137	95	104	91	105	135
7510424	219	246	274	184	193	129	169	127	195	468	203	163	133	124	160	120
6040452	51	60	67	67	53	56	68	78	72	60	63	66	66	60	51	60
1850068	254	288	291	166	167	179	394	402	250	145	234	241	188	179	176	132
6110440	70	76	61	74	79	73	87	79	69	59	64	69	57	77	75	62
6960035	38	45	51	41	40	61	54	38	61	93	66	42	106	127	69	54
7050215	64	50	48	52	30	40	48	46	46	42	41	85	88	61	67	137
1710242	321	248	240	201	311	397	345	389	263	359	216	329	269	322	147	233
4890670	88	66	93	70	73	78	90	68	77	71	81	77	50	62	75	67
4540468	66	62	71	52	58	54	60	66	53	72	63	59	73	72	59	57
6510360	298	179	258	248	293	431	284	406	236	343	261	300	261	333	229	340
6110102	41	52	51	47	46	43	45	43	48	50	50	48	42	80	48	44
6110152	49	56	42	37	50	45	46	55	51	51	50	49	70	63	47	48
2490044	84	103	132	81	63	100	119	130	79	121	67	63	94	97	85	66
1070224	49	61	52	56	47	58	52	49	97	45	54	58	111	91	52	49
2070377	61	57	66	68	54	62	64	64	68	63	62	66	46	73	59	61
2000128	37	39	37	38	36	41	47	48	40	40	44	37	49	115	42	45
6100241	40	41	48	41	38	37	42	43	40	50	40	49	31	40	47	44
6420689	69	59	48	63	59	73	56	69	58	54	59	70	43	50	62	63
6060347	50	47	54	51	48	61	45	76	62	48	51	51	67	76	54	42
6040156	95	74	59	124	71	83	98	81	95	73	77	57	96	142	80	111
3870593	74	83	60	59	83	71	70	73	71	66	89	83	75	79	82	63
3610180	50	46	46	46	39	54	43	46	50	44	52	43	66	61	40	40
6450403	38	38	40	36	44	51	35	39	44	44	39	46	36	35	43	45
4260280	78	64	78	68	78	66	70	74	62	78	67	72	69	61	61	66
6650215	94	95	94	74	80	82	92	88	77	84	74	70	78	265	70	71
2190139	38	53	42	45	39	41	50	46	40	41	37	45	39	35	43	42
4850170	46	44	50	57	41	44	42	36	41	43	40	41	60	74	48	31
5310343	44	43	44	41	44	49	40	51	45	44	49	41	65	64	45	44
3710176	80	76	93	93	78	90	86	82	82	72	82	102	83	81	82	87
1450671	103	296	103	94	88	72	102	91	348	78	78	116	79	79	80	79
3830598	65	53	49	54	54	55	48	56	58	51	51	55	72	73	61	43
3830170	146	143	147	208	137	219	112	131	119	202	167	135	265	240	171	170
5340348	66	62	67	64	67	63	81	63	60	64	65	58	60	67	74	72
780356	54	70	60	51	55	58	58	60	50	60	59	60	57	48	55	60
5360070	1654	1397	2225	105	308	496	1432	1417	664	202	1521	126	280	279	244	255
6250672	80	64	50	55	69	58	64	65	126	55	64	70	130	324	61	62
580100	48	60	66	62	47	53	64	62	59	66	68	68	73	58	58	73
7210136	46	45	39	48	51	46	46	46	54	46	43	48	59	64	51	45

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
1170671	44	40	44	43	47	39	49	44	40	42	42	38	43	43	43	39
1580411	35	36	42	43	37	39	42	43	36	39	49	40	48	47	37	37
20129	78	70	66	86	71	81	77	75	81	81	67	76	73	79	85	63
4220068	74	71	77	75	84	64	89	89	674	89	84	60	80	81	71	86
3940504	73	90	95	89	113	61	73	85	104	107	74	76	82	89	88	84
770167	87	82	93	118	107	89	86	77	97	112	100	90	95	261	83	91
4200451	179	178	248	53	59	69	199	251	103	50	151	41	80	77	57	57
3460152	217	213	257	48	66	80	215	280	111	49	204	46	84	79	70	51
2940398	265	296	296	58	89	113	219	311	175	52	330	65	101	104	86	204
2260424	68	114	115	74	79	69	66	72	122	80	76	74	66	56	76	64
1260025	265	302	276	239	230	277	320	400	319	271	279	218	252	244	247	206
5260014	961	778	1104	72	193	344	866	1187	419	137	940	91	310	305	210	175
2360632	67	63	76	72	66	70	64	55	68	79	63	59	60	45	58	56
6350437	49	54	43	146	90	131	54	60	96	71	80	77	93	83	95	123
4920019	75	77	85	79	79	75	63	79	81	89	78	63	63	56	71	79
7050053	60	50	60	66	60	61	71	75	58	62	57	53	68	69	61	61
2350730	59	65	63	53	52	56	83	67	61	62	79	46	73	106	78	76
6860446	74	93	89	96	74	90	74	88	86	106	89	84	79	79	74	78
6840609	94	73	68	57	62	93	85	60	84	70	74	61	75	73	72	75
5270022	52	52	47	49	50	53	52	48	67	49	45	41	69	61	51	47
2650484	39	42	41	49	51	42	42	45	42	38	40	43	62	50	35	36
5550372	71	76	76	77	72	71	56	74	81	64	73	69	61	72	70	66
1580487	77	126	111	77	61	65	93	103	157	72	78	71	92	86	78	73
6420356	62	45	37	52	51	43	61	53	46	47	50	67	71	89	54	47
5290711	47	47	46	50	46	43	48	47	47	40	45	41	55	65	47	45
780528	3374	2861	3503	283	939	907	3843	4018	2516	424	2516	740	535	504	922	675
5670722	70	67	62	72	67	86	59	70	70	83	60	77	61	71	69	79
3780291	74	96	135	231	215	176	129	124	91	295	136	140	133	113	110	67
2650673	47	48	43	44	50	44	53	48	39	45	51	48	62	65	41	44
7160376	61	69	79	69	61	64	61	69	65	80	73	63	53	211	59	67
6370414	45	45	47	38	47	44	37	40	50	44	43	47	49	47	42	44
670398	78	68	77	77	77	74	76	71	80	87	70	69	79	77	115	107
10187	231	229	205	108	218	232	210	235	267	206	164	147	317	653	195	160
6100139	42	43	46	45	47	48	53	49	48	54	39	45	66	63	58	48
3390372	43	46	49	45	47	38	45	44	44	42	44	46	49	46	46	41
1450392	46	48	48	42	44	45	48	52	47	45	39	44	87	1822	48	50
4010136	49	52	54	60	56	45	48	57	52	49	51	54	61	6791	54	43
5390113	69	98	74	58	73	56	94	87	99	74	70	70	70	74	73	77
580754	48	43	47	46	47	48	36	40	41	43	56	46	38	49	47	47
2260445	64	63	72	72	68	55	60	58	64	51	56	60	49	43	53	64
1170047	356	161	133	140	115	574	323	218	249	121	215	113	994	1672	96	185

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
5860048	145	144	119	64	71	72	71	142	106	107	118	88	128	119	127	89
360296	64	92	361	56	64	103	97	68	183	115	63	58	56	62	58	65
540685	59	57	51	63	52	65	68	60	61	65	69	69	37	44	59	58
4280440	83	87	81	91	93	99	101	70	75	92	115	95	64	62	73	61
3830202	47	50	53	62	47	48	57	55	51	45	44	59	80	81	64	50
4010095	43	39	45	40	55	51	41	42	46	43	48	44	39	49	41	44
6900377	38	37	49	43	41	46	41	41	43	38	39	35	43	53	40	40
7650739	61	73	60	61	78	59	63	75	69	53	65	60	43	49	80	56
3870608	130	173	242	225	237	219	179	208	195	259	166	193	166	147	184	185
6370541	52	48	47	52	48	46	47	46	60	43	42	44	51	69	42	203
5860674	61	78	58	53	64	56	57	68	66	74	64	53	61	53	61	72
5820551	61	76	66	58	88	57	68	73	56	78	64	62	52	51	64	70
7510128	68	71	69	68	80	71	66	88	87	82	59	82	60	58	75	88
1230603	72	68	81	59	89	71	60	74	72	88	74	80	40	56	77	80
2710504	44	41	42	41	47	43	47	41	40	45	39	42	60	36	44	40
5220196	186	202	234	150	146	172	161	205	155	179	205	139	148	166	159	173
620041	38	41	44	42	44	42	50	43	40	43	42	46	42	46	50	45
6580626	80	71	67	52	72	73	137	79	82	41	63	78	116	89	62	57
2100711	49	55	49	54	45	48	49	50	52	44	52	49	69	68	46	48
2260274	43	41	40	43	39	51	45	42	39	39	43	42	65	46	41	36
4850746	70	60	66	67	85	61	64	71	67	69	76	57	63	57	61	65
7380678	42	44	44	37	40	35	41	36	39	47	40	34	37	49	39	34
4890750	85	87	97	116	82	78	107	121	94	86	102	86	80	78	96	78
5960672	433	480	426	381	370	480	522	623	493	451	381	415	291	336	398	348
870477	59	61	58	58	58	58	62	51	58	61	64	63	62	49	64	52
2230341	79	68	69	76	59	92	62	75	69	81	73	58	72	65	69	69
1770497	58	54	62	55	58	58	76	69	65	65	74	64	53	40	55	55
5550553	70	74	70	69	79	62	63	78	92	60	128	62	85	113	76	58
4890671	59	68	60	79	56	59	56	70	80	60	84	72	61	57	81	79
20192	112	153	132	158	150	132	135	159	121	160	153	132	120	137	110	111
5900017	223	236	191	40	73	70	127	167	220	54	179	73	102	101	79	62
7040100	39	40	41	50	43	38	41	40	50	47	46	34	43	49	38	45
6220209	101	45	45	42	43	50	120	42	41	47	45	44	50	42	49	46
5570703	59	49	63	64	68	61	71	56	74	50	68	52	47	53	66	58
1190091	72	78	57	58	73	116	168	112	96	76	62	63	53	83	62	75
2370768	43	39	40	38	37	38	39	47	143	40	45	43	35	41	43	42
6420736	126	147	147	128	139	382	284	322	98	158	165	362	123	75	127	122
2450411	120	114	123	107	128	297	264	310	76	116	136	324	175	78	114	101
5720465	148	144	179	140	172	371	345	345	111	166	141	378	161	79	155	115
450736	79	83	68	99	66	83	83	84	66	87	80	90	86	84	75	86
7550086	40	40	47	52	39	39	32	41	41	38	47	38	48	42	42	40

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
940746	43	49	52	62	52	45	39	51	66	48	41	50	47	69	48	49
4280132	52	67	58	64	58	52	60	60	61	59	55	56	72	78	52	54
4280504	45	52	49	57	42	49	40	45	46	47	51	43	67	61	56	41
6330553	167	250	213	244	239	211	225	232	330	170	204	223	440	276	244	215
2100743	206	261	296	439	280	296	217	254	400	208	212	259	396	278	283	264
6560523	121	152	162	151	143	149	131	143	201	134	138	171	237	176	165	162
5340338	196	219	192	85	68	87	161	160	153	86	219	75	83	81	78	68
6650196	139	144	201	116	155	186	159	147	300	157	144	192	172	143	207	130
6350204	69	64	67	79	74	66	63	63	91	79	62	67	73	71	74	79
1170605	56	56	67	85	109	63	66	68	175	79	57	87	100	111	83	62
670333	32	35	38	31	46	45	31	46	44	51	41	41	42	41	39	41
1410240	44	40	34	44	42	41	34	49	36	43	49	43	35	39	48	39
6370356	58	141	55	69	67	58	133	67	201	207	75	38	51	68	71	64
2510356	40	40	40	46	37	47	47	45	44	42	47	52	56	44	44	40
5270468	54	45	41	46	49	44	52	56	44	51	48	50	73	68	45	50
1030209	39	33	30	33	42	39	43	41	44	40	45	44	57	42	45	41
4200437	247	296	375	216	354	228	276	248	355	376	217	423	224	209	347	237
830543	42	40	40	42	46	35	37	38	37	47	44	37	137	18600	40	37
5690112	48	49	47	42	46	48	50	38	57	43	45	46	77	104	50	42
3360095	65	56	64	60	68	69	104	79	75	67	84	73	82	118	72	64
7040678	55	45	55	61	56	48	44	60	48	74	46	51	71	188	49	49
4200541	171	258	110	86	81	114	70	80	243	164	197	98	102	72	75	66
2370646	51	41	48	45	42	48	41	48	59	46	43	48	81	114	43	47
5130100	39	51	34	39	43	41	42	39	36	41	46	43	41	43	41	41
1660243	35	37	39	46	39	39	45	44	42	43	35	46	51	48	37	45
6220307	53	58	60	73	50	56	62	55	57	55	53	57	72	71	51	62
3460446	75	85	88	79	70	72	71	77	78	79	69	73	62	60	79	75
2940403	224	496	443	319	267	319	397	417	829	363	290	269	120	90	459	262
1580215	131	154	93	148	73	82	95	147	139	106	109	82	144	117	109	105
130463	50	54	48	54	55	55	49	45	56	55	62	56	71	80	61	61
4120703	38	43	42	39	44	47	50	49	55	41	42	45	66	71	45	46
6980367	47	57	53	55	47	56	48	51	50	51	59	52	69	67	55	48
3180156	55	47	60	62	53	62	79	64	70	56	52	62	59	38	52	51
3780193	45	80	46	38	42	55	62	146	58	36	73	42	97	194	40	38
5130255	36	41	46	40	47	35	41	42	50	48	39	41	56	38	46	42
2850703	57	53	59	55	58	63	53	56	65	61	59	64	75	72	68	61
7400072	67	64	59	81	80	54	61	75	76	80	54	65	74	62	66	62
7210240	73	72	76	72	72	71	79	72	169	110	80	85	70	66	113	92
5270619	64	73	85	78	79	61	70	73	78	85	75	70	67	69	68	77
2030451	40	49	41	42	51	41	46	51	41	45	46	37	69	79	45	46
10504	44	44	36	44	46	45	43	39	42	44	46	48	74	1066	42	53

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
2230008	46	41	39	46	45	38	44	37	43	38	43	36	40	44	235	173
3180025	38	39	45	39	38	39	43	44	40	49	52	46	37	44	56	49
2480228	60	71	68	62	63	80	82	60	68	72	90	56	58	63	75	59
6110022	77	67	94	93	73	80	103	91	73	92	68	81	72	71	65	77
4290014	385	377	271	471	246	382	318	381	478	278	276	252	282	214	280	235
7550368	69	78	92	75	82	79	71	80	184	95	71	92	86	83	77	92
7000575	80	82	87	69	77	92	82	76	73	84	68	71	79	79	64	78
5700095	75	73	59	67	65	57	57	63	63	53	65	56	43	50	62	65
2570500	75	77	67	73	95	74	67	75	75	75	65	77	81	389	75	96
1660341	62	73	84	64	71	76	71	55	76	65	79	58	116	58	94	66
1400433	61	79	67	61	65	66	66	61	59	73	72	72	89	67	64	60
4610592	72	57	53	64	52	56	61	66	54	62	55	60	47	81	63	75
3170204	50	39	46	39	50	45	55	46	54	49	53	46	65	65	47	47
6860154	39	41	39	42	56	38	43	37	925	46	48	37	92	77	41	47
1260468	42	44	44	46	44	44	45	42	69	41	43	43	61	77	37	46
4780278	78	69	53	65	55	62	61	81	68	64	63	66	71	76	75	58
240053	58	64	52	55	56	62	58	64	93	47	68	59	82	107	53	50
4610520	51	37	34	39	44	52	40	40	299	42	41	37	65	85	53	59
3190167	45	49	50	49	53	49	39	58	49	48	41	54	64	114	51	49
5340730	69	65	63	71	51	63	59	63	68	70	66	61	46	44	66	60
940692	32	47	43	44	38	41	39	34	37	41	38	46	36	43	43	36
7320193	40	50	51	48	45	47	47	41	46	49	42	44	66	64	49	43
6330477	80	85	69	70	60	79	73	71	86	74	96	65	74	69	77	74
2340553	94	119	115	131	106	115	97	107	99	127	118	98	106	98	103	102
1660184	47	45	43	38	52	42	42	44	44	47	46	48	85	88	76	109
450368	49	38	44	34	43	41	44	32	51	40	37	41	39	43	46	41
3830044	51	51	71	72	66	64	53	52	54	94	57	75	64	73	65	63
6290554	83	82	80	62	85	64	72	72	68	75	74	80	77	97	71	74
3830332	69	74	66	68	89	69	66	70	99	70	101	64	55	69	69	79
1050414	73	93	80	67	79	75	71	87	60	74	66	80	52	58	76	54
780600	285	47	59	53	65	53	52	64	157	54	57	80	130	74	87	66
7050333	73	74	69	52	64	59	65	59	64	68	68	63	69	84	71	66
4290465	54	53	63	60	54	48	52	53	55	54	53	57	55	57	50	58
5720482	46	58	59	50	64	122	81	82	210	48	56	103	81	182	60	47
5260070	276	1545	203	221	141	133	103	83	1800	222	187	231	303	106	105	74
610201	188	115	145	116	91	199	267	63	446	109	124	97	121	89	111	76
5570279	335	181	196	213	214	165	201	260	174	228	285	267	200	298	155	512
290730	312	172	156	227	266	118	217	123	158	245	241	544	416	379	310	1174
6200669	201	133	99	113	158	76	137	94	98	143	166	305	183	182	148	375
6290685	93	95	105	61	68	66	80	69	77	67	96	90	79	78	60	61
6110630	1391	575	407	1381	1147	564	483	711	930	1153	1009	2707	1050	840	769	2482

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
5050402	373	235	158	224	320	173	140	203	285	283	262	658	532	369	214	469
2970019	88	64	62	76	53	47	39	60	68	93	64	142	130	99	70	160
610451	351	207	209	339	426	188	258	223	303	474	267	885	174	339	299	1064
6100022	337	254	432	317	322	180	237	294	208	266	298	519	280	410	215	757
870301	77	72	59	66	56	79	75	57	601	69	112	73	76	60	58	78
5260091	154	201	89	61	120	79	115	293	162	59	66	142	84	71	160	108
3460608	63	59	58	50	69	67	61	55	49	53	56	44	53	54	57	64
6590131	97	76	62	112	71	60	70	82	72	64	70	76	50	61	88	86
2140196	64	56	84	71	62	58	62	57	64	67	74	63	76	69	61	58
990091	68	76	69	69	68	66	68	76	58	53	63	77	52	42	74	65
2260747	52	61	56	96	58	59	70	66	76	65	63	67	61	49	59	63
3170403	61	63	51	60	63	69	76	49	54	54	53	52	49	41	62	58
5570711	69	68	64	75	69	65	52	58	62	74	64	68	70	75	66	58
4920131	46	41	36	45	38	39	46	47	44	148	37	48	61	41	44	51
3290368	106	59	44	44	49	49	51	43	154	42	42	138	345	111	196	173
4120161	43	46	50	44	45	43	44	44	43	46	44	40	46	41	44	39
6200044	54	57	48	53	53	53	52	48	64	54	50	55	69	67	44	54
5420386	336	105	447	71	83	187	506	1097	68	338	552	154	67	524	87	57
1230538	52	68	58	51	63	47	56	46	207	55	53	48	282	49	85	55
380259	40	42	48	47	40	50	53	40	48	52	39	49	41	50	48	48
2140376	55	55	64	66	53	69	72	66	65	74	78	61	57	51	72	55
870626	75	66	85	79	91	81	66	89	62	82	90	85	72	66	88	87
4040474	67	60	51	53	60	59	56	59	59	60	56	54	84	84	59	61
7200719	376	346	451	534	436	413	314	326	294	428	328	360	492	531	430	415
2100196	384	670	421	426	510	532	475	490	1410	470	498	487	625	244	356	268
2690224	304	317	285	300	254	301	289	286	272	269	268	233	394	348	348	277
730722	72	60	66	73	69	70	68	74	75	59	68	67	77	71	66	81
7610170	101	66	50	53	44	47	42	42	40	39	50	47	52	40	38	46
6960563	50	39	40	41	43	44	44	39	42	41	37	47	63	47	37	44
7320349	58	116	83	96	75	78	76	75	77	102	82	88	56	69	69	74
6960739	66	60	72	65	82	76	82	67	74	62	68	73	51	56	84	75
5390435	41	39	41	44	50	39	41	41	49	40	53	48	42	39	44	47
4060192	72	68	77	87	75	96	67	84	102	82	85	70	72	116	67	76
6220309	80	88	80	87	70	80	66	68	66	91	79	69	64	73	77	69
5490711	46	48	57	47	50	39	46	41	47	42	47	52	47	52	36	49
4390291	70	77	61	57	64	89	65	68	70	75	75	60	63	54	63	74
2000274	41	41	47	42	44	49	43	39	39	40	42	36	44	40	45	41
6960259	73	82	76	65	67	64	80	68	98	63	48	60	57	59	78	68
3370544	52	63	61	71	72	61	59	73	562	73	62	63	79	73	57	62
3130711	50	73	65	79	69	92	77	64	89	70	71	73	70	60	81	81
4810703	130	88	58	98	221	168	230	112	167	103	130	195	142	337	205	266

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
6660671	81	56	44	59	143	81	211	82	96	56	73	149	91	229	112	160
1940193	69	85	85	113	80	95	62	86	82	129	128	86	63	85	73	74
990112	99	81	86	86	76	83	88	71	84	81	88	75	69	74	76	84
4810424	42	33	34	53	38	40	45	38	46	30	45	50	207	91	75	117
580292	64	94	59	76	69	62	61	68	57	55	63	67	48	58	71	63
2320296	54	34	48	40	48	47	72	51	44	44	39	59	68	72	45	44
3990739	77	66	74	80	71	72	73	65	70	71	63	67	71	79	58	67
2030259	35	35	41	38	41	44	44	39	45	42	36	37	39	44	38	40
5490040	68	60	67	65	71	68	72	65	73	76	66	68	61	63	74	63
6400703	80	103	106	114	112	134	94	111	99	111	111	104	104	90	104	101
1570184	44	49	47	42	49	44	44	48	41	49	49	55	56	61	56	52
3610730	117	54	49	59	53	63	48	54	54	58	57	53	120	86	54	57
7380392	87	63	75	104	99	70	57	71	70	101	61	81	85	80	56	67
5900273	81	73	79	77	78	73	77	89	73	83	81	67	63	49	77	85
1510075	43	45	52	48	36	39	52	43	41	43	41	41	43	48	43	37
6860634	52	48	42	48	56	44	50	55	50	57	57	43	77	72	56	50
6620259	144	177	83	157	81	121	89	106	350	77	116	94	152	248	108	84
540204	63	55	100	78	101	80	82	76	213	68	71	67	83	55	86	94
5080259	39	42	50	48	43	42	47	49	47	40	50	50	42	43	43	48
990086	44	43	48	58	51	49	56	38	51	45	53	40	46	42	47	46
3140259	208	99	57	154	95	84	56	54	76	97	74	161	118	158	129	72
2100189	128	128	143	196	139	159	133	136	149	142	162	143	206	224	149	118
4250246	413	381	844	635	698	589	664	606	412	708	528	532	553	630	562	635
1980079	98	137	108	71	105	100	104	95	93	93	95	73	75	68	91	102
4850300	61	87	69	82	78	73	93	83	102	68	96	73	120	118	141	94
6520440	61	52	60	55	61	50	64	51	288	57	51	59	58	58	75	59
4210561	69	84	78	212	123	124	75	75	119	190	112	116	104	110	133	91
510632	98	124	84	114	120	212	89	84	91	72	102	137	181	198	92	112
4050398	52	43	43	47	49	54	42	38	48	49	38	45	54	55	46	52
5960524	68	62	60	68	61	74	65	76	64	65	74	66	70	74	64	73
460202	144	110	51	46	56	49	57	53	83	60	71	152	169	226	95	109
3780491	73	66	91	65	82	78	61	74	58	76	69	82	69	42	60	64
5290707	61	60	72	55	72	75	58	74	64	67	65	78	55	54	71	75
1450619	46	42	39	44	52	38	39	45	42	42	41	41	43	35	46	48
3190524	361	309	327	184	174	179	337	504	288	119	306	130	129	112	142	138
3840445	55	72	50	47	49	51	50	54	57	47	53	61	615	162	51	48
2060414	61	66	71	57	64	70	50	61	53	64	66	58	75	69	62	73
5860289	38	40	38	44	43	39	49	43	38	41	27	43	42	37	40	38
430446	171	57	58	50	42	42	47	56	45	50	57	53	67	65	48	48
7040142	131	77	70	81	148	119	215	98	140	188	127	347	78	91	340	638
3460685	164	37	39	67	161	63	341	76	172	276	129	540	86	114	822	1419

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
5490358	52	45	44	49	85	67	64	149	50	58	49	38	78	65	45	47
4390100	247	50	52	90	82	69	76	165	1039	54	89	90	102	63	61	68
3140427	61	65	76	64	63	71	71	59	72	63	81	75	54	66	79	59
4390398	86	110	75	86	97	94	91	79	100	93	109	87	64	362	83	98
520465	42	43	47	47	44	47	42	43	46	45	46	44	34	39	46	42
1570148	45	48	38	43	48	46	38	39	40	47	43	43	42	38	44	50
5860528	62	57	58	72	54	58	68	60	72	63	69	70	65	70	67	60
3180615	62	79	82	77	58	60	73	57	55	62	64	64	61	74	61	64
6840209	43	52	53	51	45	51	44	49	48	45	52	49	74	66	41	53
3710161	61	67	64	63	67	67	68	60	75	89	74	73	69	55	60	60
1470168	40	52	38	47	50	53	46	41	42	42	54	54	39	89	50	44
2900343	34	39	34	38	35	38	43	42	35	39	35	35	49	38	44	38
6420450	106	158	153	217	156	138	139	190	108	182	110	138	101	100	135	94
4220482	48	46	40	48	48	42	46	49	44	46	44	47	53	44	38	46
5260672	98	88	67	94	94	85	68	92	85	89	106	82	78	76	72	77
6980632	73	59	62	83	113	70	68	55	104	99	60	73	105	123	102	143
6660687	125	85	118	91	93	99	133	134	110	123	107	85	98	112	102	107
2690438	82	67	80	113	104	115	76	107	86	77	64	113	89	105	100	97
5270551	193	186	248	88	118	133	223	284	149	146	188	65	84	105	78	63
240343	58	50	51	65	66	54	52	54	62	57	61	61	77	74	62	55
1240408	70	57	51	52	57	58	54	62	56	60	78	71	90	75	71	64
4480528	72	74	57	57	57	64	68	59	57	58	123	79	156	82	81	70
240386	106	147	75	77	72	114	65	75	120	83	126	80	119	122	115	71
3780767	76	96	80	95	103	71	149	93	74	61	120	80	160	104	89	841
6620373	86	115	68	66	51	84	67	86	97	85	88	73	97	102	91	72
3930669	62	52	60	75	67	57	46	68	65	53	56	62	48	49	71	60
5490307	62	57	74	75	57	74	57	45	67	71	71	64	61	58	64	64
3060187	117	124	178	213	144	126	98	157	185	195	94	169	125	130	129	92
2490132	53	66	57	59	56	64	48	60	62	58	49	64	51	49	54	62
4150685	57	69	57	69	54	58	80	76	100	76	66	59	98	101	75	54
2260037	88	117	71	79	88	70	73	64	164	70	63	66	85	86	79	77
1260064	147	175	165	221	123	150	164	144	146	172	169	166	119	151	147	149
1660220	129	154	142	106	108	101	71	92	100	105	117	140	116	102	110	105
6400484	61	53	77	66	75	54	62	77	65	61	60	59	63	51	61	65
4850189	42	58	51	49	54	58	58	54	52	59	59	51	65	122	45	52
4760196	71	62	77	66	66	53	67	72	65	75	65	58	61	52	58	69
670670	42	43	47	49	56	43	41	47	38	42	42	44	53	47	46	45
6370008	67	62	58	60	75	58	60	70	62	65	72	63	61	63	59	78
4490594	1331	717	2548	3798	1733	1637	1905	1410	1304	2188	1156	1408	2586	2043	2080	1827
2970152	77	64	62	81	53	68	68	70	77	74	50	60	80	51	63	74
1820288	79	77	80	67	73	61	82	71	105	70	86	73	211	77	68	63

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
3360327	126	150	110	67	91	129	126	154	115	82	117	101	103	94	97	78
4480762	84	60	69	128	112	68	107	70	62	67	93	92	86	203	78	165
4280093	69	53	77	87	79	55	74	80	67	67	68	57	97	74	69	60
3850367	170	259	129	86	104	141	146	159	321	135	198	122	254	123	114	108
110333	65	68	87	67	55	61	71	63	77	65	76	70	69	78	66	62
3610520	87	69	63	54	63	68	74	72	66	55	58	56	75	71	62	55
2710121	94	142	116	128	110	116	142	109	138	92	72	122	182	101	119	123
5670372	56	57	60	53	53	43	65	63	78	51	58	53	61	64	51	51
670066	60	61	62	55	66	57	71	58	57	59	70	51	52	42	58	66
2360739	57	45	54	41	59	51	45	38	46	48	48	42	50	61	50	51
380519	83	101	73	77	68	76	87	99	85	83	108	79	201	84	74	77
4040113	81	63	85	77	78	66	79	77	83	71	109	72	59	60	77	88
6130152	90	67	94	72	92	84	76	70	208	70	75	97	68	66	73	83
5960328	79	91	67	74	86	66	68	74	74	73	60	71	69	77	86	81
4590332	58	63	65	85	70	64	66	49	59	52	64	62	69	69	60	76
4780754	62	57	59	67	61	58	53	66	55	53	58	61	44	63	61	66
2120189	95	99	105	54	59	55	98	98	85	55	69	54	72	68	53	56
1410747	61	68	79	81	64	75	75	72	70	79	67	81	73	73	61	64
5820746	70	86	99	98	74	79	73	75	81	75	74	72	67	69	74	84
6020242	61	59	75	60	85	64	64	59	49	56	59	72	1470	11235	68	55
6580088	119	97	80	170	82	119	94	155	137	137	88	97	90	70	64	64
580445	68	80	66	69	92	95	80	66	75	80	71	97	40	59	76	63
6400414	63	65	62	69	57	64	72	60	78	87	57	82	66	50	62	60
5870653	58	59	53	50	54	50	59	48	60	56	52	55	185	59	64	58
5560707	64	58	78	83	72	83	80	67	245	67	66	58	60	64	69	68
6290450	66	72	58	54	70	55	65	48	63	59	67	60	58	54	66	51
4760673	75	66	79	59	67	76	73	73	71	75	81	72	56	53	65	65
6770706	61	50	50	60	64	64	59	55	59	64	74	66	56	40	60	56
6180546	55	65	75	43	55	69	70	63	49	57	74	59	50	45	70	63
4390386	82	73	80	75	72	90	83	87	79	85	97	79	66	67	74	85
6350091	55	53	58	54	55	58	51	56	55	60	55	51	40	54	60	60
1570286	63	56	66	74	68	86	73	75	65	75	70	70	59	53	66	74
1510519	81	67	86	66	67	86	61	65	91	65	112	76	79	78	64	77
60546	66	53	73	72	64	74	64	54	65	60	63	56	47	47	63	65
5700360	78	96	83	65	63	89	76	73	73	78	67	64	44	52	66	71
5420324	79	112	73	58	72	74	66	65	102	84	97	82	93	104	72	70
50291	70	68	80	65	71	65	64	70	54	67	71	66	61	55	77	72
2340088	65	61	66	59	45	63	63	64	62	58	62	60	58	44	47	54
6840278	67	72	61	66	58	54	58	62	55	60	79	65	67	65	63	65
2060372	106	134	257	221	165	150	166	125	135	246	142	119	114	115	110	112
5720491	179	181	170	239	193	177	195	207	177	200	207	171	156	146	197	166

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
6770746	72	79	114	73	92	90	96	134	66	123	69	63	64	78	76	74
5670280	134	169	369	192	265	200	173	121	303	235	118	279	128	121	138	155
5080138	68	76	60	92	83	59	68	83	1043	79	70	77	62	59	82	90
4760192	65	84	64	80	71	63	67	68	68	73	66	76	94	75	73	70
2650056	72	87	79	82	124	72	80	92	104	85	89	80	84	78	78	81
1850168	69	61	70	80	65	71	69	67	81	75	51	54	68	65	73	65
6770441	75	66	73	73	75	66	70	89	74	57	64	65	82	96	70	82
3060703	171	108	150	59	73	144	124	212	76	91	176	74	120	145	65	82
2810504	83	136	115	119	105	180	101	112	99	130	147	120	129	129	244	119
3170431	80	83	127	149	119	108	125	124	93	153	105	103	98	95	97	78
6660162	96	88	73	66	87	84	102	87	86	73	65	133	79	82	78	104
7150324	79	76	78	66	63	77	84	64	75	77	80	95	70	45	75	73
2810687	179	224	214	271	199	211	174	205	189	285	213	210	174	180	244	220
4490544	37	38	37	51	46	43	43	40	42	48	39	48	48	47	38	45
3990561	88	78	68	97	67	74	74	74	82	72	59	73	73	82	76	71
240220	43	58	36	43	41	41	45	42	45	38	53	47	83	72	44	43
6370754	44	49	48	47	43	41	40	49	41	49	44	41	56	55	39	45
3140349	74	70	69	59	63	52	62	54	56	69	65	65	64	44	64	61
5910612	73	69	78	67	70	58	85	78	69	68	70	60	55	60	56	66
4200722	43	39	41	43	48	42	41	47	43	43	46	43	55	46	44	48
6660368	44	42	39	48	47	47	43	49	40	42	43	45	60	65	47	43
4590477	74	92	71	95	67	97	83	78	68	78	92	83	75	83	63	77
1400142	56	73	68	81	61	69	75	66	68	78	65	67	76	82	68	62
270470	54	58	71	60	62	64	56	61	60	74	62	57	73	1443	75	64
6900170	43	36	42	38	49	54	42	39	38	45	36	42	41	531	36	39
3170450	62	47	73	83	54	61	55	71	69	70	56	52	90	79	55	64
1450446	57	57	53	61	49	59	53	53	57	53	63	67	76	72	61	58
5670709	68	79	100	107	84	89	92	74	86	88	88	81	73	81	93	80
6770408	287	301	275	125	115	90	317	473	198	59	240	61	156	156	126	113
6290494	339	359	320	134	157	152	352	517	310	170	255	144	192	166	171	165
6020170	654	812	707	158	223	187	778	1332	542	144	522	188	289	286	216	284
5490068	57	49	51	62	57	69	66	101	69	53	70	59	87	390	77	60
4540414	140	158	159	197	159	168	162	162	173	145	154	159	168	172	170	151
3780437	40	36	36	34	41	40	37	38	36	35	39	34	61	55	33	40
3520338	56	45	51	42	52	42	46	51	68	57	47	51	50	47	41	50
770682	71	101	88	84	66	88	79	88	95	89	85	69	77	77	75	67
7330367	73	69	66	76	66	67	65	72	45	60	59	74	55	59	75	74
2370632	100	86	109	195	163	142	126	75	250	119	106	98	212	83	130	132
4760626	50	45	39	49	44	50	45	45	40	45	46	42	43	53	40	42
3180528	34	48	41	40	42	43	219	66	37	46	48	41	59	44	44	39
1230228	73	79	104	69	73	77	56	96	513	71	77	82	71	211	68	73

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
4150598	44	41	51	41	41	43	45	41	45	39	44	42	51	45	41	44
3060273	45	49	45	40	46	42	42	46	50	40	52	46	47	78	41	37
7200601	165	63	119	152	100	60	58	49	74	73	133	101	155	190	125	241
7650026	476	194	429	407	283	185	143	91	230	248	447	349	231	342	318	711
1850315	68	65	85	73	79	63	109	70	80	77	77	71	79	69	77	66
2490070	71	57	80	68	73	76	55	70	72	75	65	66	72	74	82	52
1300240	81	65	86	83	84	79	73	82	72	68	71	73	73	71	87	87
6980762	50	41	52	45	42	46	43	48	42	42	42	41	50	71	49	49
7380670	96	197	79	61	82	77	65	78	91	79	186	73	79	70	88	72
5340220	45	39	39	43	43	43	43	37	43	40	42	39	53	43	37	42
6100360	46	42	43	41	43	47	50	43	42	43	50	46	49	48	49	39
3990577	59	76	77	74	65	72	65	59	70	64	64	78	57	43	72	70
1710692	59	56	60	54	66	60	47	75	62	64	62	52	76	73	44	51
1450468	66	52	46	67	62	50	59	56	56	59	68	54	55	53	59	55
6250040	195	180	186	176	170	192	191	184	181	156	159	239	208	274	240	243
5890170	46	46	53	49	42	56	45	43	51	45	38	43	49	43	48	49
2100296	62	58	65	62	64	81	56	67	56	68	94	67	66	66	68	65
3180681	50	47	48	57	50	52	53	46	53	55	54	50	75	71	50	50
7650538	49	47	42	49	44	47	38	43	40	44	46	36	40	47	44	46
4060438	66	220	97	142	65	145	53	53	53	63	309	334	256	12547	110	55
1660767	52	60	54	55	56	79	49	66	130	55	125	76	70	70	80	53
1570309	146	148	189	63	71	78	155	177	107	65	156	84	82	75	71	63
4610669	312	202	338	56	66	90	622	305	136	62	278	60	86	78	95	79
1990731	54	70	72	60	60	73	81	77	69	57	73	51	60	44	66	71
7610441	71	73	94	91	65	82	59	75	87	68	87	87	92	60	71	86
5670129	47	48	50	44	50	44	46	46	57	49	51	54	52	55	43	39
7050220	92	69	57	48	67	59	112	56	88	40	56	49	51	82	58	61
3140131	39	46	44	43	39	47	43	43	67	43	49	47	36	43	49	41
4880138	38	46	42	47	37	40	40	43	36	46	39	42	51	46	43	38
5340458	131	112	82	83	103	150	104	151	136	80	127	73	187	208	117	100
580181	65	65	60	61	63	66	72	67	78	81	64	53	109	120	72	59
3940520	531	487	490	526	388	602	376	550	406	447	769	372	737	693	628	533
4220326	56	62	67	70	52	69	64	51	72	72	68	66	58	40	70	55
2320215	60	48	43	50	50	41	43	42	107	49	46	51	65	57	46	55
7100541	75	70	78	89	68	69	71	71	107	65	102	72	57	76	75	69
3360707	46	44	43	44	49	41	45	47	53	42	53	43	71	70	43	47
3450286	62	62	63	72	55	55	73	52	62	90	50	53	53	56	63	51
840494	36	38	42	39	35	44	36	38	41	36	32	40	36	52	37	40
6770131	45	46	41	48	37	43	34	45	42	46	36	39	39	57	43	41
4610333	49	60	61	58	58	69	65	61	81	62	62	62	40	41	46	75
6350192	64	68	62	65	64	95	72	87	63	63	62	75	84	83	97	60

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
110189	61	67	64	57	61	50	57	69	58	70	64	58	64	56	66	66
2480431	60	72	59	64	54	66	59	63	58	80	62	59	64	72	60	54
450020	59	51	64	68	68	62	51	44	69	59	83	46	41	46	51	65
620202	72	80	65	83	78	104	73	92	75	124	92	80	106	84	101	78
3930379	144	133	100	186	97	147	104	129	123	120	185	131	90	91	120	95
7100431	66	86	71	81	63	73	88	75	76	70	62	70	54	63	66	67
5490301	118	166	209	248	129	275	230	360	246	199	177	206	187	128	176	101
3890601	67	82	68	68	65	57	64	72	53	74	76	62	53	66	61	70
1240195	44	46	42	43	37	46	52	45	43	39	37	39	46	40	40	48
4850528	73	73	62	60	59	51	57	60	78	54	70	65	43	51	75	60
2650075	47	46	44	48	46	44	39	51	46	48	41	51	42	61	42	39
5900608	73	66	72	78	56	77	78	84	57	70	68	73	56	50	87	82
20112	50	50	49	51	47	50	47	47	54	48	56	42	67	74	45	52
2900064	61	55	60	58	64	71	57	61	52	73	64	61	59	100	75	69
4850070	49	57	47	51	55	65	52	70	223	47	58	48	78	83	65	57
1090451	80	63	69	88	64	101	78	78	425	69	74	78	106	106	115	120
3420554	802	617	690	61	108	190	675	863	420	50	705	50	147	125	85	75
2970370	56	65	62	97	54	88	53	62	57	62	54	60	74	70	42	55
7570753	45	56	86	59	60	56	51	55	76	99	65	67	96	175	62	62
6290008	47	43	46	49	44	48	48	43	42	44	48	44	71	158	53	44
1510014	317	284	353	408	255	262	339	425	203	327	333	205	310	245	196	396
7200609	70	84	69	89	100	93	154	102	67	97	141	99	83	502	88	78
520176	45	44	48	53	60	47	113	59	43	44	82	49	76	415	61	50
4210678	82	63	92	100	71	88	72	77	132	73	85	84	78	294	92	62
7040019	39	40	39	37	44	44	43	42	47	36	42	44	53	58	36	43
110347	127	196	121	83	100	86	147	144	116	91	142	70	113	280	128	100
4120427	60	68	55	59	75	50	65	53	51	54	62	59	38	50	62	46
1260762	82	76	80	72	68	57	57	68	73	64	66	72	64	53	52	61
1510332	70	68	74	88	94	57	63	59	75	69	64	61	67	66	73	66
3140373	45	40	37	39	43	42	41	41	38	37	43	45	41	39	36	43
1580437	49	39	46	59	53	42	45	42	42	42	45	40	61	52	43	43
770739	73	102	60	69	79	74	89	82	86	71	89	79	62	51	86	69
1050168	51	40	45	37	47	41	51	44	40	44	45	41	62	90	41	43
3310093	155	140	150	155	91	129	170	144	112	138	151	137	157	144	121	120
1570039	81	102	145	154	88	98	145	151	145	205	87	89	154	158	125	107
6200168	186	158	139	83	96	69	111	116	194	88	111	152	94	120	155	122
4010519	122	95	47	62	48	54	47	57	49	50	57	65	72	73	215	61
2480424	69	79	62	79	75	91	67	75	106	71	66	52	69	142	80	87
3850064	156	247	189	192	215	178	181	186	173	217	154	145	141	151	181	151
3450332	59	56	50	58	54	60	45	53	52	54	54	56	53	37	52	60
4780139	59	73	59	71	74	72	68	66	55	71	63	63	68	61	74	67

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
6330187	95	50	49	47	53	52	60	56	221	55	44	55	76	79	58	55
6840739	84	71	80	82	65	81	88	77	146	84	86	82	64	67	76	78
6420687	64	68	51	68	77	75	73	63	66	67	70	61	58	62	72	84
7150132	229	282	303	168	197	155	304	303	239	337	195	233	266	296	262	142
5810253	210	223	289	148	135	127	246	315	207	115	247	109	126	116	121	90
2710452	48	37	46	54	46	32	39	50	49	47	48	43	44	41	41	51
7400598	83	83	77	69	88	68	85	70	73	87	76	66	68	63	67	77
770615	43	49	40	40	40	46	44	39	39	46	37	44	48	48	41	42
290136	61	69	37	54	44	49	60	58	75	57	41	65	68	58	49	56
6450746	41	42	46	47	43	40	43	46	45	50	37	49	49	54	47	43
4250626	96	102	94	102	144	100	131	103	133	84	102	104	75	65	151	160
5390474	49	40	41	47	39	44	35	42	43	47	57	46	52	71	38	62
4480301	59	55	52	53	56	51	53	61	86	61	50	56	71	74	49	52
2690519	52	58	59	59	59	60	63	57	81	51	56	56	79	80	59	60
2260615	379	483	487	296	442	382	374	466	393	327	387	349	446	368	348	249
4780373	77	71	67	61	84	81	98	65	85	74	61	69	52	68	75	89
6330593	51	72	129	238	126	104	108	56	51	364	54	253	85	385	53	70
940646	65	67	51	80	88	61	54	67	55	94	51	71	64	137	69	72
6900414	71	76	69	74	71	67	66	78	87	85	68	63	90	78	63	88
6400465	41	41	38	39	45	48	47	51	114	38	42	39	59	78	48	48
3850603	96	84	69	78	93	119	120	92	79	120	84	77	64	81	91	82
2350132	53	54	49	45	40	48	41	41	93	40	43	44	73	40	43	38
130754	45	44	52	43	46	49	54	45	44	43	43	47	57	64	43	45
1510291	3856	3744	4478	369	768	1073	3325	3875	1811	468	3129	366	632	524	506	626
5960224	1514	1385	1863	161	381	428	1991	1557	703	219	1100	202	309	301	288	314
5490689	49	56	56	62	59	57	53	47	57	63	64	54	53	57	57	75
6400603	46	45	46	43	42	45	42	40	43	45	36	36	39	67	48	46
1410603	92	89	240	112	128	114	94	84	169	103	87	128	105	95	112	104
2760239	43	49	45	48	43	48	51	47	49	44	51	45	67	47	47	48
450132	155	138	187	159	142	151	156	134	134	202	122	136	129	151	163	131
3420372	57	75	51	68	51	47	50	51	84	39	47	53	81	78	43	55
1300187	94	115	74	82	91	73	87	118	121	94	82	77	119	122	126	95
3610170	70	86	67	78	61	77	76	67	62	69	85	61	57	58	65	98
6350475	89	74	68	73	83	71	79	63	78	76	95	74	57	54	78	69
6590438	51	44	40	46	46	43	42	41	41	46	47	47	51	44	45	51
1260722	59	59	49	53	47	58	56	52	53	55	45	56	70	66	54	53
4010592	83	75	68	57	66	71	61	55	59	65	45	64	41	41	64	59
7160739	75	74	52	73	63	64	69	56	65	60	63	67	72	65	73	58
2650370	405	386	410	260	459	175	383	435	600	459	363	425	345	321	512	363
2570220	125	156	141	190	127	273	136	127	143	158	134	154	166	105	145	158
3930372	59	61	61	66	67	68	56	73	61	62	53	60	55	65	64	77

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
7560497	42	49	50	55	39	47	54	48	43	47	46	44	41	48	46	54
1510424	42	39	34	44	42	52	40	47	44	53	65	43	89	103	69	57
130338	62	61	49	49	58	57	52	58	59	54	60	60	71	64	49	54
1690563	53	47	57	64	55	89	50	60	101	51	69	55	69	135	58	61
4050291	42	39	42	43	44	36	47	40	39	53	43	40	52	66	48	45
3710022	45	47	50	42	40	46	44	46	51	42	52	41	56	45	48	48
2350482	63	65	77	59	71	81	67	60	69	60	63	53	57	48	82	69
5050270	49	55	68	66	70	67	69	62	58	63	66	69	83	64	64	84
3850767	58	55	47	51	57	59	51	56	127	59	51	53	77	79	74	48
4900520	377	155	209	203	1266	133	76	79	83	82	117	3383	208	172	3934	2402
5260343	524	276	71	1167	1133	612	398	283	1490	432	341	380	287	1134	908	808
520370	66	76	58	87	67	63	61	67	75	65	60	67	58	59	80	78
6840154	38	38	43	40	36	41	41	46	35	45	46	44	46	42	40	43
3130706	74	81	83	76	53	67	68	73	70	78	62	68	56	60	68	59
3990278	38	41	41	41	37	38	37	44	35	38	37	44	46	42	38	41
4890021	54	50	46	51	51	42	52	52	44	45	48	51	44	55	54	51
5720379	84	74	84	64	89	77	87	83	62	86	74	104	86	127	74	88
5700441	43	43	46	40	47	51	60	47	45	43	52	46	69	87	55	59
6770333	67	48	47	50	49	47	51	52	57	49	49	49	68	603	47	48
1050563	40	49	46	52	48	51	45	40	44	52	51	46	39	51	50	48
830095	36	40	39	40	39	49	38	38	38	37	50	38	43	47	42	41
450246	71	78	69	78	76	68	60	63	57	92	63	100	62	48	58	66
2970112	75	86	83	75	106	76	72	86	80	94	74	78	63	62	82	103
1710356	55	69	43	59	54	61	67	57	61	62	65	61	58	45	71	69
510561	47	41	55	42	48	47	48	50	48	51	44	39	52	45	45	50
5670082	64	66	53	75	51	77	54	56	52	60	126	55	64	76	57	50
730093	41	43	44	38	39	58	172	45	38	72	47	53	52	49	42	41
730148	67	66	77	63	57	72	69	77	80	64	64	77	80	98	63	82
4220053	42	43	42	43	44	47	49	45	128	41	39	39	45	52	47	47
270301	75	56	52	70	69	62	58	65	57	76	72	70	73	72	63	70
2070372	75	60	70	73	84	81	82	83	61	81	62	65	59	64	76	79
1580653	93	79	86	107	98	89	83	89	87	66	99	90	88	71	94	103
10066	53	54	53	52	49	56	49	52	54	52	57	58	70	73	44	49
3120286	50	56	62	61	54	55	48	63	55	57	59	60	77	65	45	52
6480450	39	50	45	35	44	50	47	49	45	45	44	48	76	72	45	47
6650152	65	65	59	75	68	59	68	67	77	63	62	63	62	64	67	52
2570672	44	46	38	39	45	39	38	41	41	50	45	36	40	49	43	42
4670138	49	48	73	48	53	41	48	46	49	45	51	54	62	68	49	46
20609	52	55	111	81	126	81	102	98	135	61	60	67	81	73	108	74
4480390	43	44	39	36	37	36	40	34	44	44	39	44	36	52	44	45
7380152	447	311	334	302	331	382	345	342	304	202	407	447	473	504	374	289

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
2810762	61	67	57	65	48	55	49	54	75	68	50	52	49	58	55	80
1740692	52	66	69	73	79	75	72	86	103	109	72	59	66	64	67	75
2450452	659	243	312	248	271	338	172	195	485	205	270	289	231	551	256	510
4850576	41	33	31	42	47	41	48	43	46	42	41	42	45	44	43	38
510133	118	111	239	224	189	173	151	140	125	274	146	106	142	149	116	137
2640598	67	68	56	56	59	72	57	55	67	63	66	60	61	59	62	67
6330730	839	877	981	1878	1428	1721	1523	1449	463	3274	1269	2221	1790	3981	1201	1302
4560228	59	64	72	79	63	62	68	79	64	64	59	65	76	80	65	63
4610201	169	143	176	141	146	202	242	290	130	146	150	119	113	113	149	146
6510156	86	144	152	98	204	247	154	236	149	277	146	181	89	142	101	80
5390767	50	56	54	51	64	56	49	68	49	56	51	49	63	50	48	52
5490465	64	60	61	59	59	64	55	71	54	71	62	70	62	62	77	55
6960438	66	61	76	58	61	55	65	72	81	67	56	68	76	70	62	52
4060025	61	74	65	47	67	74	65	61	74	83	73	64	68	74	57	54
4850711	91	77	82	81	94	101	109	181	78	127	94	72	110	128	79	74
3990497	179	262	288	161	168	238	277	413	306	141	187	229	227	281	153	138
4200711	96	75	93	62	80	80	95	118	106	97	84	91	85	96	70	63
3180647	74	58	64	86	62	65	65	77	67	67	49	66	69	71	65	82
1090196	54	67	79	63	73	98	77	99	58	61	66	47	48	54	57	56
5260280	75	62	78	57	58	73	88	101	60	67	62	62	85	83	77	54
6290091	124	171	155	172	167	174	165	279	114	195	152	137	214	217	137	108
2710687	140	122	155	108	136	130	108	149	104	91	103	161	89	99	97	104
6270731	57	60	60	58	60	56	66	64	51	58	57	51	55	52	69	57
3840091	87	83	75	70	91	68	99	126	70	69	73	80	72	70	79	77
2510164	143	144	288	236	576	295	277	247	306	747	291	229	100	117	154	1077
580161	66	80	133	121	225	195	154	191	162	442	150	111	88	82	75	455
380685	123	120	279	236	504	377	425	328	359	679	238	237	89	102	158	979
4210044	73	57	79	78	74	89	79	83	87	67	57	68	67	70	68	56
2450020	59	66	69	60	52	56	72	115	90	71	52	76	79	65	55	56
20543	59	67	64	75	67	74	64	73	65	61	76	65	63	65	74	70
4390044	55	64	79	60	65	65	67	73	57	65	70	64	38	60	57	61
3870156	62	48	83	61	74	61	65	77	66	55	39	66	63	64	58	63
1850273	76	63	71	68	63	96	69	120	77	57	55	75	84	80	67	57
3310037	40	53	49	50	50	50	42	48	50	43	50	54	38	61	47	50
3370736	362	348	235	499	256	153	212	148	621	346	215	309	649	481	364	503
5310368	54	41	41	42	47	49	41	46	43	42	37	41	42	45	47	46
160433	40	47	53	39	46	41	47	50	46	42	55	44	36	47	43	44
2070735	112	147	179	120	139	152	150	136	195	282	143	138	170	211	122	116
3710711	151	175	264	227	195	139	183	184	214	302	160	151	254	217	142	133
6860138	49	51	53	64	65	65	46	47	59	68	58	53	51	65	63	69
5340692	60	63	69	61	61	57	71	75	170	60	55	58	90	107	85	51

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
270347	101	80	99	132	132	93	96	97	101	173	88	98	166	144	97	108
2690577	59	53	49	56	55	54	49	64	59	54	39	56	68	83	54	54
870475	87	74	64	75	80	72	65	65	59	69	67	53	66	76	63	65
540014	67	72	60	55	59	53	82	63	73	71	67	69	73	69	52	64
6040433	40	46	36	46	38	44	41	39	45	45	37	36	69	62	35	40
4810730	64	67	69	52	61	61	69	71	126	62	64	64	63	72	64	63
3180639	97	34	36	46	40	37	43	40	42	43	32	42	36	37	38	41
60017	68	62	67	73	47	61	54	60	79	67	60	52	64	62	53	77
3520768	47	43	45	49	45	45	67	109	546	46	41	46	59	95	48	52
4280192	58	65	70	75	68	76	69	69	64	82	84	68	71	69	62	74
770255	68	59	77	65	68	69	59	66	60	64	63	69	70	70	59	72
1770603	44	38	41	34	36	32	41	39	35	37	37	40	45	41	37	37
1410192	83	70	92	63	68	72	95	54	114	88	80	75	82	85	43	72
1230672	46	51	42	47	47	50	41	50	50	48	39	47	56	54	52	45
4040632	58	58	58	55	61	59	57	60	56	55	53	53	64	59	61	61
4730376	37	43	46	44	38	45	39	43	38	46	48	41	67	59	46	40
4900634	45	42	42	45	43	41	41	46	67	39	47	38	96	65	48	60
4290209	94	105	84	107	73	76	76	82	168	83	87	83	63	144	87	87
940674	45	41	44	41	47	43	44	39	39	41	41	43	69	62	50	45
3360762	76	94	69	64	114	70	60	68	142	56	80	67	100	85	86	67
6180750	41	41	39	36	34	39	43	37	40	36	32	45	41	38	41	37
2320168	50	35	40	44	39	39	42	45	45	47	41	59	57	45	47	43
6980470	44	40	38	41	39	39	44	41	42	43	41	44	44	37	43	46
2640301	44	42	45	46	39	41	37	45	157	39	41	42	49	38	39	39
6100484	67	67	66	73	65	82	117	59	75	204	67	69	63	67	67	75
6060376	82	72	60	67	137	77	74	74	75	82	82	74	74	81	63	68
2570161	64	62	78	67	75	89	83	79	141	86	99	58	71	106	72	84
990441	49	46	47	46	50	46	52	54	43	51	52	49	67	67	44	46
4730564	219	266	144	144	234	183	169	209	266	204	186	173	185	161	188	167
4890092	74	73	55	105	59	66	62	81	80	74	55	62	117	117	81	60
430300	60	62	61	64	68	74	47	52	66	56	72	53	54	54	55	68
3850326	46	40	36	48	45	41	44	49	46	41	50	45	53	47	46	41
2030709	68	70	71	59	85	79	66	68	75	105	87	63	76	70	68	63
5260253	39	40	40	46	46	42	39	39	39	44	41	47	34	40	37	36
6040731	47	41	40	47	44	38	46	41	40	46	50	48	45	40	45	41
6420605	69	58	77	79	69	71	69	68	88	77	75	77	68	68	84	65
4250367	69	57	58	73	67	64	81	61	134	82	74	58	76	71	87	58
3930086	379	500	522	544	477	479	381	494	494	561	508	386	689	603	479	425
6580059	106	48	55	100	131	58	53	57	353	54	77	42	73	135	56	58
1070088	62	66	60	56	61	71	51	62	51	63	55	57	58	53	58	75
6370703	39	44	34	33	43	45	42	37	37	40	43	41	38	46	45	45

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
6860392	76	68	70	65	78	73	72	76	226	67	64	73	62	62	72	73
2190408	47	50	53	59	46	46	48	46	39	54	52	51	82	85	51	51
3390215	56	83	64	64	61	69	56	48	56	72	70	64	64	74	68	60
7000619	60	79	63	55	72	74	81	64	73	72	75	73	75	77	64	66
5420189	44	42	44	44	44	44	47	36	37	43	52	53	48	61	48	48
5570181	55	56	63	60	58	66	53	57	59	70	59	58	47	60	68	57
5810730	45	38	44	39	42	37	40	33	51	44	42	36	45	46	37	39
5900228	76	69	70	69	83	66	69	69	73	58	53	79	56	46	84	82
5360601	70	82	63	105	69	77	81	109	82	104	78	85	71	77	88	81
7610524	51	69	59	59	49	59	62	50	59	55	48	55	48	46	58	65
2850619	84	80	105	86	88	94	856	295	406	89	86	83	70	70	87	77
3130372	50	43	43	46	50	44	45	49	46	43	41	44	56	58	52	45
5910414	49	45	46	51	47	48	42	52	47	46	43	55	45	57	44	49
5870091	56	60	55	62	47	70	54	52	52	56	51	66	51	52	52	60
1090008	40	47	37	44	41	33	41	34	38	49	45	39	108	71	37	50
70451	69	66	67	90	79	56	60	80	65	95	61	69	82	103	88	75
3710026	63	56	53	43	44	41	55	57	45	39	69	46	74	65	41	45
4260286	77	79	83	99	80	75	87	77	92	102	73	90	83	80	82	134
2810451	42	35	39	43	39	46	52	34	120	51	43	54	42	44	50	46
5700431	90	112	117	104	97	81	106	157	112	140	104	72	102	94	91	91
1240746	94	66	121	68	80	83	83	70	62	82	130	103	110	100	67	87
2710343	46	42	43	46	43	49	46	44	48	42	55	54	43	41	44	43
6840202	53	54	63	50	51	61	68	63	57	77	45	75	66	58	68	58
6940431	54	59	56	96	82	50	51	56	161	53	54	56	74	71	88	73
4490743	63	68	62	57	61	49	71	67	62	54	54	65	51	49	69	61
4810632	54	64	58	99	51	54	66	66	56	67	50	54	71	84	67	61
5220753	67	64	64	75	65	63	78	62	53	61	52	62	63	83	64	56
6200091	65	62	72	58	66	55	62	66	53	57	58	71	55	62	53	65
2690279	43	45	46	43	43	41	74	44	49	50	53	46	38	59	51	49
6590523	59	61	58	56	46	49	51	53	89	58	45	52	73	78	46	52
670414	56	57	44	54	53	59	72	48	75	59	58	67	62	60	54	47
4490288	40	46	41	39	45	77	40	37	46	46	42	112	51	77	94	125
6580717	37	51	42	46	40	36	51	47	47	39	46	54	103	88	48	54
5560411	127	125	153	181	142	136	139	149	119	145	122	106	181	183	161	157
1170154	98	90	112	111	106	112	109	113	122	160	116	76	102	123	120	109
3290152	66	65	84	100	66	76	75	74	98	101	92	70	149	151	95	72
3310592	676	341	976	1271	606	656	767	554	517	782	593	569	781	670	870	771
3450750	965	521	2160	1993	1070	1130	1634	844	998	1539	793	1075	1585	1326	1816	1287
3400070	189	173	164	198	182	217	151	187	158	217	256	178	183	188	200	210
20603	182	206	191	213	160	192	162	168	183	217	194	142	180	177	168	181
6580113	62	58	64	62	64	66	53	78	76	63	55	63	55	60	72	68

ProbeID	[[084], HPASMC t (Human Pulmonary Artery Smooth Muscle Cell), MBA_2134	[[085], HPAF t (Human Pulmonary Artery Fibroblast), MBA_2135	[[086], HPF t (Human Pulmonary Fibroblast), MBA_2140	[[087], HBSM t (Human Bronchial Smooth Muscle Cell), MBA_2141	[[088], HTSMC t (Human Tracheal Smooth Muscle Cell), MBA_2142	[[089], HSkMC t (Human Skeletal Muscle Cell), MBA_2143	[[090], HSkMSC t (Human Skeletal Muscle Satellite Cell), MBA_2144	[[091], HSkMM t (Human Skeletal Muscle Myoblast), MBA_2145	[[092], HRMC t (Human Renal Mesangial Cell), MBA_2149	[[093], HBdSMC t (Human Bladder Smooth Muscle Cell), MBA_2151	[[094], HPrF tDNA (Human Prostate Fibroblasts Cell), MBA_2154	[[095], HCO t (Human Calvarial Osteoblasts Cell), MBA_2155	[[096], NHOST Normal human osteoblasts Lonza, MBA_040_R	[[097], NHAC P4 Normal human articular chondrocytes, MBA_035_R	[[098], HNPC tDNA (Human Nucleus Pulposus Cells), MBA_2157	[[099], HAFC t (Human Annulus Fibrosus Cell), MBA_2158
5870008	61	58	77	59	68	61	65	59	66	54	85	67	66	57	64	65
7050201	50	65	66	67	51	62	71	53	62	62	67	58	40	56	57	72
150735	57	61	69	53	56	52	54	55	55	67	63	58	47	71	52	55
510066	79	66	72	72	71	66	65	60	61	70	57	67	69	73	70	69
1470162	69	78	64	73	52	67	75	68	77	80	70	73	50	61	67	65
3520168	329	302	297	200	79	245	194	622	104	69	68	93	257	88	79	80
1980538	85	58	76	68	68	84	74	64	69	67	93	73	52	53	69	77
5820026	102	78	96	114	133	68	94	124	111	77	60	78	101	82	74	89

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
4850086	36	37	43	45	35	35	46	43	41	43	40	38	44
6110592	93	87	47	57	78	76	62	68	108	92	65	65	63
3190082	63	55	54	45	44	53	55	49	53	57	63	53	52
1450100	62	34	47	61	46	61	51	52	38	59	49	47	42
5490382	40	41	38	41	46	40	40	40	39	40	37	41	40
3520709	73	63	78	76	80	110	83	71	82	82	68	80	87
3120681	47	41	46	40	37	44	42	48	49	52	41	50	42
2030161	57	129	76	75	62	67	71	73	72	91	100	73	75
270709	81	76	59	81	91	78	80	59	76	70	69	78	62
2320377	39	35	43	38	39	37	46	33	44	40	42	38	42
1260270	90	85	66	80	72	72	94	83	171	85	92	77	77
2760274	43	45	58	52	46	62	48	51	49	52	54	48	55
2650736	52	52	50	46	45	57	51	49	54	52	49	51	53
5910010	100	72	77	66	73	98	91	74	67	91	71	56	80
5310524	108	92	74	94	93	144	123	107	109	88	106	92	119
3780156	48	42	42	33	33	43	47	45	31	43	53	39	45
1050561	71	59	67	74	69	66	76	74	83	60	75	93	65
2480040	55	44	49	43	38	42	47	49	41	45	38	42	50
5910309	43	39	39	38	42	39	38	45	40	40	41	39	42
5810050	64	69	57	69	83	48	63	69	72	71	60	62	51
1030184	41	45	47	45	45	49	47	51	48	54	51	43	49
3460279	60	49	45	47	49	62	58	50	43	52	50	52	59
4570364	202	125	99	85	82	77	99	102	75	595	117	102	112
6380020	67	66	64	72	62	75	94	65	66	66	68	68	68
3780468	61	79	65	66	68	56	58	55	67	73	74	60	60
240541	56	47	57	49	46	61	53	44	49	51	49	45	51
2630010	52	53	58	70	63	62	60	52	67	50	58	51	68
1740669	33	35	39	32	38	45	40	42	35	38	38	40	36
2340577	43	37	52	46	43	55	49	47	52	48	47	40	44
1850521	63	66	57	77	77	56	57	59	75	74	51	59	75
2650594	42	49	47	42	40	42	45	46	44	39	49	38	42
130110	41	58	44	93	64	44	49	46	62	47	42	39	39
4830376	47	41	44	42	48	50	44	41	36	41	41	41	46
7200435	60	53	57	57	51	61	63	55	55	63	58	53	50
6290239	72	123	155	87	88	75	76	113	68	74	113	116	134
2480241	155	148	258	146	154	216	203	122	139	176	113	143	156
5080561	254	169	103	94	126	79	90	79	253	100	153	75	80
1770253	43	42	37	46	40	41	41	37	42	40	107	44	41
6280440	35	39	37	39	37	37	34	44	39	38	34	42	37
3450347	39	48	39	47	44	44	47	47	43	42	48	47	49
3170100	43	45	49	41	49	44	42	46	48	47	46	47	44

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
2600554	57	68	76	77	67	79	61	76	68	84	75	56	86
2510253	59	56	41	71	50	70	110	57	52	80	39	48	64
7570477	168	318	261	140	134	270	413	125	129	100	112	110	235
7510424	183	383	375	224	201	389	437	233	152	151	144	226	347
6040452	65	55	62	54	70	58	50	58	107	53	65	59	60
1850068	310	177	223	204	299	126	166	219	406	242	206	283	154
6110440	69	75	76	76	75	68	70	74	80	85	64	80	76
6960035	37	64	137	105	46	244	85	65	32	45	45	44	258
7050215	50	47	49	47	52	42	48	46	47	82	44	51	44
1710242	384	339	300	174	222	302	522	228	479	229	516	294	139
4890670	70	73	66	85	83	72	83	68	91	72	74	66	65
4540468	63	51	54	57	72	68	64	67	64	60	46	71	59
6510360	190	348	238	274	257	258	302	373	332	296	245	281	354
6110102	41	54	49	47	36	46	50	52	46	43	48	36	68
6110152	46	45	47	49	53	47	55	37	46	56	53	50	43
2490044	102	73	71	101	101	96	83	112	78	95	73	85	79
1070224	47	52	51	54	52	43	56	53	41	40	47	62	36
2070377	57	56	62	63	59	69	69	67	72	66	67	66	63
2000128	39	31	40	43	43	38	39	39	37	41	41	34	48
6100241	42	44	44	47	43	41	42	37	38	42	40	43	42
6420689	54	66	66	61	49	71	55	69	68	64	74	69	71
6060347	45	51	54	55	49	55	58	57	49	54	55	54	59
6040156	71	101	68	76	73	89	71	70	74	86	69	63	60
3870593	64	65	69	69	75	68	51	58	65	68	74	67	55
3610180	34	49	45	48	49	47	48	48	48	45	46	49	43
6450403	42	42	49	40	37	49	39	38	41	53	40	44	44
4260280	85	59	73	76	67	68	66	71	61	61	76	64	71
6650215	91	81	82	87	73	79	99	79	73	87	68	80	78
2190139	44	43	37	38	46	50	41	41	43	39	38	48	41
4850170	37	41	46	52	33	54	70	43	50	42	63	43	36
5310343	42	43	46	42	44	45	44	49	40	46	45	44	45
3710176	70	71	76	91	70	95	86	95	86	85	75	73	84
1450671	165	95	69	97	70	92	81	70	87	133	54	105	74
3830598	60	54	48	50	53	57	51	57	54	58	50	56	55
3830170	178	161	170	120	132	309	305	144	143	112	127	160	225
5340348	69	64	74	64	71	62	68	69	66	67	58	65	68
780356	58	50	64	51	51	70	67	55	47	68	59	62	66
5360070	1533	865	175	186	662	207	255	633	1649	545	1206	86	303
6250672	63	89	95	58	64	68	55	64	68	84	125	69	70
580100	59	58	57	69	119	57	59	64	63	58	57	58	58
7210136	50	45	49	38	45	46	52	45	46	49	45	45	49

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
1170671	48	41	44	43	31	44	40	40	48	40	40	42	43
1580411	41	32	43	43	38	42	50	37	42	50	43	40	35
20129	55	84	65	72	88	77	74	70	91	66	78	81	69
4220068	73	70	80	73	67	101	63	82	65	73	62	72	75
3940504	78	85	105	74	94	85	78	93	76	81	80	77	81
770167	98	130	108	158	84	113	140	138	117	109	123	101	110
4200451	250	107	57	44	81	53	54	71	218	94	126	43	72
3460152	295	148	53	47	99	52	55	74	250	105	156	41	60
2940398	356	194	74	49	133	54	59	125	357	136	180	61	83
2260424	64	71	67	74	73	64	62	67	53	61	58	63	72
1260025	365	292	196	194	273	300	283	284	360	269	309	194	252
5260014	734	437	203	100	494	78	74	479	1077	491	831	76	235
2360632	72	65	66	87	70	64	56	84	65	70	57	75	69
6350437	66	70	91	52	72	156	206	66	58	53	55	59	184
4920019	78	75	81	85	80	67	70	66	70	90	72	79	65
7050053	59	52	66	65	60	47	69	62	66	51	53	51	49
2350730	72	54	49	56	69	67	64	84	58	60	64	60	82
6860446	102	94	89	103	86	82	83	102	95	74	96	78	95
6840609	74	86	69	65	57	69	80	81	85	74	82	82	52
5270022	49	53	43	56	58	46	54	52	50	43	38	54	49
2650484	55	41	43	42	44	43	44	52	47	43	46	47	41
5550372	77	72	73	66	67	79	71	69	74	68	80	88	72
1580487	141	180	134	48	63	99	105	75	95	90	378	86	118
6420356	55	47	43	42	47	68	111	39	48	51	51	49	54
5290711	49	43	44	57	46	71	86	38	48	44	50	54	42
780528	2306	1539	421	491	1968	542	611	1772	3591	1515	1545	723	1020
5670722	58	59	69	76	64	62	73	80	75	76	83	78	69
3780291	81	133	162	229	155	128	320	146	133	86	205	234	138
2650673	45	52	50	38	46	44	42	45	42	44	44	43	44
7160376	68	59	62	70	66	214	198	71	63	66	74	65	72
6370414	42	42	46	46	45	50	45	41	48	45	44	44	40
670398	87	73	65	80	86	61	64	62	51	70	111	72	71
10187	230	207	118	172	197	255	257	217	179	196	174	149	143
6100139	50	45	49	53	41	45	48	41	43	50	39	45	51
3390372	42	44	36	48	48	51	42	47	46	48	44	39	45
1450392	43	44	46	49	51	42	54	44	50	50	41	43	48
4010136	57	55	49	51	44	65	50	59	49	46	45	51	51
5390113	93	63	65	77	71	57	60	74	87	72	109	67	90
580754	36	50	54	46	52	47	46	49	47	55	45	40	40
2260445	74	55	61	62	55	59	59	50	58	51	56	66	56
1170047	291	275	200	638	320	116	233	400	917	141	2312	666	120

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
5860048	141	122	82	65	92	80	79	114	126	132	89	57	101
360296	240	57	63	77	64	67	66	56	67	62	417	52	57
540685	53	63	68	56	58	60	62	57	51	59	60	68	75
4280440	105	71	71	95	80	99	89	70	91	76	90	87	66
3830202	58	62	52	53	57	48	59	53	50	44	51	50	51
4010095	45	48	51	58	46	52	46	43	53	44	45	50	50
6900377	50	43	36	44	51	39	42	43	41	45	42	40	37
7650739	71	66	68	65	59	56	71	63	54	66	54	65	70
3870608	167	140	185	249	219	155	154	167	183	131	213	223	290
6370541	45	45	44	41	36	47	38	53	48	47	41	44	46
5860674	56	55	70	72	61	60	62	62	67	53	55	61	54
5820551	88	89	78	89	60	56	64	53	70	59	66	60	70
7510128	71	91	81	69	75	90	66	67	74	81	73	64	77
1230603	70	58	79	66	74	72	72	59	62	101	75	71	50
2710504	49	46	43	41	41	45	41	38	44	43	39	50	41
5220196	221	200	128	159	145	173	184	125	202	165	208	153	113
620041	50	46	42	37	39	50	42	49	42	48	39	48	56
6580626	66	50	50	58	150	57	51	72	198	109	80	123	52
2100711	54	53	48	47	55	53	49	51	52	53	48	45	53
2260274	40	40	40	47	45	49	40	44	41	47	39	40	41
4850746	70	75	58	67	79	63	63	61	55	57	56	61	76
7380678	39	38	40	33	37	41	40	37	35	39	35	41	33
4890750	113	98	91	120	100	80	102	79	127	83	83	100	72
5960672	565	392	390	394	344	290	305	536	489	465	455	411	439
870477	65	60	63	63	74	53	52	62	57	61	64	65	69
2230341	65	67	68	80	68	70	59	58	81	71	79	64	74
1770497	57	72	68	66	81	50	81	63	71	65	56	64	65
5550553	79	60	103	83	73	68	54	56	57	58	54	62	117
4890671	64	74	55	63	76	64	61	69	62	78	62	59	83
20192	131	123	150	128	145	124	145	148	146	152	144	171	127
5900017	183	111	45	45	78	58	69	67	137	150	104	48	76
7040100	40	40	36	42	44	40	41	36	42	42	40	42	42
6220209	38	46	50	47	44	44	46	39	44	40	3254	39	48
5570703	59	75	63	57	59	70	58	56	59	60	65	73	51
1190091	53	72	72	134	146	102	79	146	137	68	104	131	67
2370768	45	45	41	42	42	49	42	47	41	43	41	41	36
6420736	254	308	215	138	99	182	201	336	148	204	144	136	170
2450411	214	311	223	88	60	147	163	271	99	191	102	74	127
5720465	230	338	254	169	102	175	173	354	116	223	156	137	172
450736	95	63	78	86	76	71	89	80	74	106	82	87	67
7550086	39	44	43	37	43	41	42	36	47	37	35	41	42

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
940746	38	41	45	43	47	47	56	40	48	48	46	41	51
4280132	66	68	56	54	77	70	72	62	52	54	84	53	63
4280504	54	40	46	41	52	61	43	40	45	51	51	36	48
6330553	188	220	231	256	227	227	198	184	213	282	615	217	238
2100743	222	306	525	368	287	324	210	171	249	419	836	248	224
6560523	107	146	186	193	135	165	153	141	143	191	376	160	167
5340338	308	135	85	77	147	99	80	96	230	91	287	70	94
6650196	165	124	96	163	138	192	175	174	128	138	182	123	153
6350204	84	79	77	68	70	75	79	73	90	68	74	81	73
1170605	79	80	59	116	102	62	68	62	57	70	57	134	53
670333	47	41	41	53	49	33	41	44	44	43	45	46	47
1410240	38	36	42	42	42	44	37	42	43	41	42	42	39
6370356	81	64	64	72	93	96	126	69	62	93	856	72	337
2510356	46	40	45	47	51	36	37	40	41	38	44	39	38
5270468	44	46	50	44	48	47	46	47	50	54	49	44	46
1030209	38	40	38	34	35	40	36	47	40	43	37	38	35
4200437	273	304	219	315	425	244	207	250	321	283	284	338	270
830543	43	39	39	34	37	43	43	43	41	44	37	37	45
5690112	47	53	50	55	46	42	46	49	44	51	35	52	56
3360095	65	67	101	63	76	57	90	85	77	97	84	65	68
7040678	57	59	51	53	53	54	55	48	49	49	48	52	56
4200541	243	230	125	68	111	189	145	88	116	477	83	117	150
2370646	52	40	41	46	36	55	49	41	43	49	45	45	42
5130100	44	45	41	42	42	51	51	38	42	38	42	46	41
1660243	40	34	45	40	39	47	41	34	35	41	38	41	41
6220307	60	63	61	61	50	60	68	58	61	57	58	56	51
3460446	91	68	75	127	85	67	79	122	124	58	80	83	75
2940403	530	246	350	272	284	473	379	304	241	355	287	249	400
1580215	137	133	127	60	102	152	132	91	137	126	116	68	93
130463	59	62	52	50	48	59	59	54	57	50	61	50	56
4120703	46	48	43	44	47	47	51	60	49	59	42	46	46
6980367	56	61	53	52	47	59	48	53	56	54	53	49	61
3180156	52	67	56	59	69	64	70	65	54	73	60	60	44
3780193	54	130	41	44	45	38	41	69	76	70	62	53	46
5130255	65	43	39	54	43	41	41	41	44	46	40	38	49
2850703	137	62	58	59	50	62	67	68	55	68	57	59	63
7400072	109	67	66	71	84	65	74	62	60	72	66	61	66
7210240	166	77	69	63	71	72	84	65	64	54	76	73	71
5270619	81	84	66	63	70	63	67	58	90	68	129	68	70
2030451	52	46	48	46	47	39	45	45	41	39	47	48	52
10504	46	42	61	243	41	39	44	45	41	39	64	46	38

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
2230008	90	40	42	32	42	46	44	41	44	57	42	37	60
3180025	44	57	39	40	37	38	38	46	33	43	40	41	43
2480228	76	63	71	122	88	51	68	63	64	63	58	67	65
6110022	85	85	69	105	99	76	78	65	79	88	78	87	74
4290014	503	351	271	184	205	275	293	282	300	284	333	201	243
7550368	57	101	70	85	105	83	72	76	85	77	78	79	82
7000575	80	80	86	68	84	63	75	77	66	87	77	73	104
5700095	56	79	71	52	63	57	53	66	51	64	49	67	69
2570500	70	73	80	76	80	83	60	68	72	74	86	84	61
1660341	74	72	98	70	76	65	68	190	110	83	77	87	80
1400433	72	65	64	66	62	70	69	88	60	64	62	63	70
4610592	88	65	75	65	65	60	67	58	66	62	63	52	57
3170204	42	43	46	49	39	41	47	53	53	50	44	40	44
6860154	46	43	48	40	37	40	47	43	43	45	44	45	47
1260468	45	39	44	45	46	47	53	44	44	44	43	48	48
4780278	65	74	63	66	61	68	64	78	85	63	59	71	51
240053	107	115	52	59	58	64	51	68	53	228	57	53	98
4610520	54	52	47	42	39	42	39	104	43	79	147	56	40
3190167	41	45	47	45	45	50	56	45	44	45	49	45	49
5340730	52	73	66	72	70	54	73	62	59	63	82	58	54
940692	41	45	34	40	41	41	41	42	48	38	47	35	35
7320193	49	40	53	47	41	47	48	49	48	50	41	41	58
6330477	81	79	85	67	79	83	75	80	92	201	80	74	97
2340553	98	96	115	112	112	97	100	110	117	114	77	92	129
1660184	49	47	47	42	48	39	39	41	47	49	48	42	37
450368	41	41	54	43	45	40	42	41	43	42	38	38	38
3830044	56	47	53	68	60	58	53	53	64	51	55	67	71
6290554	71	91	75	80	161	136	83	75	79	87	84	68	73
3830332	72	57	90	84	64	97	73	68	88	75	73	76	72
1050414	69	64	86	87	85	83	86	54	82	81	95	83	84
780600	63	80	68	55	66	66	96	41	63	553	72	54	46
7050333	69	64	70	62	75	73	72	75	70	83	84	94	88
4290465	41	51	56	54	44	60	55	49	49	62	51	52	58
5720482	89	114	102	64	66	88	51	67	87	153	157	113	39
5260070	475	1125	224	122	164	219	142	93	77	417	936	184	732
610201	192	68	55	77	129	83	60	58	58	127	2507	65	274
5570279	213	350	766	199	190	190	266	346	273	480	271	293	191
290730	111	274	721	362	130	193	215	167	166	316	116	163	164
6200669	82	156	271	161	88	131	117	89	107	220	83	72	98
6290685	79	77	73	72	68	102	59	57	64	88	85	69	60
6110630	610	1027	1595	1130	644	2186	2371	995	780	1293	482	1105	886

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
5050402	188	271	292	373	175	499	604	315	201	337	163	227	276
2970019	55	61	59	57	51	83	72	55	56	92	71	59	53
610451	146	376	465	377	239	446	563	477	242	543	212	555	213
6100022	314	400	380	224	217	320	478	356	340	417	216	266	168
870301	77	63	68	71	69	70	72	70	82	80	76	67	73
5260091	94	61	59	79	192	55	62	72	114	98	57	68	61
3460608	73	60	69	65	72	60	58	71	68	67	62	64	68
6590131	74	66	155	77	53	74	73	79	79	88	63	82	74
2140196	67	69	71	65	64	62	53	80	67	57	58	63	62
990091	88	53	71	76	65	79	63	66	63	50	75	73	53
2260747	55	52	45	74	68	75	67	63	55	56	54	72	73
3170403	51	51	63	62	69	48	54	57	64	60	70	58	60
5570711	65	71	60	53	81	57	55	64	64	67	51	75	52
4920131	44	34	41	49	44	153	161	43	34	39	38	37	51
3290368	44	59	45	40	50	58	43	33	45	366	142	39	46
4120161	49	42	44	40	43	47	42	40	46	43	41	45	40
6200044	48	48	47	48	50	56	58	60	51	53	48	51	46
5420386	78	209	295	343	63	63	65	4327	627	342	67	138	124
1230538	56	61	56	63	265	57	52	48	52	52	46	43	63
380259	45	46	40	44	49	39	43	48	42	55	46	46	42
2140376	62	65	58	67	59	49	89	58	67	55	57	62	64
870626	85	72	109	104	70	76	80	63	89	90	94	84	77
4040474	50	51	59	58	48	55	54	58	65	53	60	54	63
7200719	311	380	467	498	372	363	429	314	369	281	305	395	374
2100196	767	776	703	196	414	342	380	472	403	645	873	390	524
2690224	364	303	422	312	290	346	377	294	270	317	305	261	282
730722	75	69	86	64	66	62	71	76	82	68	67	53	69
7610170	53	67	46	40	56	64	60	44	47	196	39	51	170
6960563	44	41	50	56	40	41	49	45	46	39	42	40	42
7320349	73	70	96	80	78	70	74	75	74	85	84	87	73
6960739	70	70	63	64	78	70	65	75	65	70	68	99	70
5390435	44	45	47	50	46	43	36	47	42	42	41	45	43
4060192	69	81	79	66	73	177	200	77	73	61	72	83	107
6220309	57	72	64	61	60	71	74	79	60	94	109	79	80
5490711	54	47	43	60	49	48	50	41	45	44	43	51	45
4390291	68	79	66	75	73	70	98	71	66	71	64	67	67
2000274	40	38	35	38	40	44	44	45	42	37	37	35	38
6960259	53	75	67	59	62	68	63	73	65	71	98	57	72
3370544	78	60	58	50	61	70	65	67	59	61	61	57	68
3130711	66	64	69	65	72	178	126	78	76	73	291	104	71
4810703	155	117	131	139	93	161	87	125	83	193	64	88	97

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-aduit), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
6660671	83	62	75	71	51	97	70	92	50	166	47	56	58
1940193	68	81	75	117	84	4661	3365	71	84	102	73	65	111
990112	84	69	89	66	75	100	114	79	71	94	89	80	98
4810424	36	36	41	51	40	39	45	42	36	40	36	46	44
580292	55	53	67	67	62	63	61	63	62	60	68	68	58
2320296	38	50	39	40	49	39	42	54	47	45	136	48	33
3990739	53	59	57	76	54	64	71	64	63	68	81	71	59
2030259	40	44	42	44	44	35	38	41	43	39	42	50	45
5490040	61	82	72	69	71	64	72	71	67	65	73	65	68
6400703	73	94	91	127	104	84	107	78	104	95	100	79	125
1570184	54	50	59	49	44	56	56	54	49	45	121	48	52
3610730	56	51	52	54	66	50	49	46	54	60	56	50	48
7380392	69	75	112	87	86	93	76	74	66	58	66	51	82
5900273	82	74	70	89	75	85	86	76	84	84	83	73	70
1510075	42	48	50	44	46	44	45	42	39	34	39	43	38
6860634	51	43	40	51	47	42	52	44	49	47	47	44	49
6620259	195	203	212	96	132	101	134	100	98	117	132	105	155
540204	81	77	84	106	89	63	67	71	83	59	313	83	93
5080259	41	45	41	51	43	40	46	41	49	47	56	44	44
990086	44	49	43	43	46	43	51	49	39	48	54	46	38
3140259	69	129	127	65	49	52	45	59	42	136	45	47	128
2100189	132	149	169	104	110	136	123	143	147	147	128	135	149
4250246	496	658	825	750	559	545	613	557	629	533	579	594	521
1980079	144	85	81	89	94	89	76	112	105	306	98	127	100
4850300	119	80	98	76	88	108	67	63	60	87	257	54	61
6520440	67	66	55	63	63	66	60	59	67	55	69	57	51
4210561	60	93	135	174	110	60	78	122	77	105	64	105	81
510632	107	162	223	111	117	148	166	131	69	103	98	62	149
4050398	45	44	51	46	49	47	42	53	53	44	47	46	49
5960524	70	71	59	73	78	82	95	60	65	82	69	64	71
460202	141	74	56	58	87	42	40	73	52	119	48	71	58
3780491	77	83	74	64	49	68	96	73	84	67	61	67	65
5290707	66	77	89	85	66	75	80	69	79	72	73	69	68
1450619	42	47	44	44	40	45	49	40	39	38	45	38	46
3190524	415	224	143	122	205	164	153	210	387	161	223	101	162
3840445	69	61	65	45	62	66	57	52	53	76	46	43	56
2060414	61	59	53	75	55	56	63	61	55	75	66	60	61
5860289	38	37	36	41	41	42	40	37	38	36	72	45	47
430446	73	56	41	44	48	51	49	55	44	46	47	50	65
7040142	76	100	81	95	104	89	93	1202	183	87	93	128	209
3460685	73	67	50	60	58	39	44	1942	226	37	58	152	313

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
5490358	47	49	46	40	44	53	50	57	54	48	46	47	49
4390100	164	107	76	54	60	141	67	193	106	81	69	113	53
3140427	63	66	62	63	59	132	152	61	62	59	63	56	72
4390398	78	88	79	116	76	101	98	102	84	125	81	104	111
520465	56	42	45	48	45	50	47	45	40	43	47	47	45
1570148	43	38	50	40	47	45	47	41	46	44	41	41	41
5860528	59	51	70	61	72	50	62	61	60	66	70	75	58
3180615	77	56	76	76	65	75	77	67	77	70	78	99	68
6840209	54	58	49	47	55	53	47	54	50	61	51	54	53
3710161	61	58	60	66	61	66	84	74	70	72	69	82	66
1470168	42	47	44	51	45	37	43	47	34	48	40	44	46
2900343	31	30	33	38	42	39	38	36	37	37	33	49	59
6420450	137	129	141	197	142	122	105	134	141	163	166	127	144
4220482	50	45	48	45	89	59	51	46	45	45	44	46	55
5260672	100	81	71	115	100	92	92	85	85	90	75	98	87
6980632	68	59	73	175	116	66	90	59	57	106	64	66	129
6660687	110	101	74	87	96	80	101	120	131	114	108	104	103
2690438	71	74	80	93	122	84	99	96	90	79	111	84	68
5270551	247	124	78	80	172	83	116	160	228	117	160	87	133
240343	69	76	66	58	59	79	88	64	54	59	60	62	56
1240408	69	59	60	62	79	57	49	103	51	55	58	66	55
4480528	56	78	111	70	67	57	66	362	127	86	68	108	61
240386	107	127	79	75	92	67	70	89	74	94	68	67	119
3780767	83	99	81	68	111	55	75	116	91	146	73	122	73
6620373	68	91	62	62	83	77	62	95	66	67	50	67	86
3930669	50	69	53	64	54	56	59	56	49	48	63	56	60
5490307	73	72	71	59	58	67	71	58	64	65	68	66	61
3060187	81	100	165	213	140	79	146	138	111	77	88	187	125
2490132	53	50	62	59	59	45	66	75	66	53	63	63	65
4150685	70	62	59	65	61	59	66	60	72	59	69	57	54
2260037	388	69	73	87	70	149	144	76	64	124	68	77	124
1260064	180	130	209	147	149	175	135	169	134	129	139	151	174
1660220	107	117	143	122	122	87	94	141	128	99	99	103	105
6400484	69	65	64	67	62	62	63	71	57	55	58	62	66
4850189	51	55	50	51	58	60	49	47	57	72	48	47	60
4760196	62	65	95	62	65	64	55	55	67	68	48	58	67
670670	51	46	50	41	46	46	47	40	44	46	49	37	46
6370008	61	55	75	57	65	67	62	62	56	76	59	59	70
4490594	1364	1574	2524	2839	1842	1226	1644	1791	1925	1072	1588	2433	1649
2970152	61	47	66	67	90	70	68	64	69	78	57	61	72
1820288	73	79	80	68	72	65	76	354	111	99	69	127	81

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
3360327	158	125	88	85	108	94	104	126	130	132	220	117	87
4480762	77	92	88	69	69	100	155	122	78	101	89	106	115
4280093	51	69	70	78	118	57	56	212	77	73	60	181	66
3850367	167	169	124	137	122	132	150	390	186	136	149	168	131
110333	75	69	65	65	70	66	69	76	61	72	64	66	68
3610520	93	64	74	61	55	60	66	70	74	66	67	77	65
2710121	120	88	78	133	114	106	81	94	129	80	228	90	88
5670372	82	64	49	51	54	58	57	52	53	64	60	48	57
670066	62	56	53	65	66	62	52	60	66	58	53	72	48
2360739	50	66	41	56	45	45	43	65	52	52	45	42	47
380519	79	105	82	66	74	85	108	347	118	106	84	88	76
4040113	62	50	87	72	67	67	64	97	76	58	78	70	81
6130152	95	79	98	97	72	73	85	99	124	109	76	75	112
5960328	95	78	66	81	73	98	83	79	85	74	78	68	85
4590332	71	74	69	69	74	84	75	74	50	64	66	71	58
4780754	41	61	53	64	55	56	63	46	63	68	68	58	70
2120189	103	84	52	68	78	42	60	60	100	66	74	48	53
1410747	81	66	67	87	88	68	67	62	80	66	81	74	76
5820746	77	82	80	77	69	85	103	92	101	85	87	92	115
6020242	45	63	64	67	66	66	48	50	67	54	120	58	62
6580088	113	125	119	76	135	84	107	116	115	66	91	124	113
580445	72	69	78	69	86	80	82	72	110	83	89	72	73
6400414	63	61	66	64	55	58	57	58	62	53	63	51	68
5870653	60	66	57	58	57	74	62	44	54	53	56	51	50
5560707	72	78	66	66	61	63	67	73	82	64	70	63	80
6290450	68	52	53	72	56	70	59	53	71	55	62	63	55
4760673	55	77	68	72	62	66	62	58	70	78	63	63	62
6770706	63	59	63	55	49	63	59	56	53	53	49	54	58
6180546	58	67	74	70	53	53	66	64	85	46	61	68	63
4390386	75	86	78	65	84	75	87	89	87	87	76	64	97
6350091	55	60	45	62	62	48	51	56	54	54	60	67	51
1570286	70	57	60	90	80	86	72	80	94	58	58	78	64
1510519	80	68	71	71	68	77	94	79	68	96	74	56	90
60546	68	71	56	68	64	72	61	70	56	67	57	70	62
5700360	60	79	82	64	73	75	76	61	88	65	72	57	70
5420324	81	74	68	69	83	73	75	82	86	84	83	56	65
50291	71	61	70	76	76	75	61	65	72	48	75	63	79
2340088	65	56	57	59	52	55	62	66	49	54	49	48	52
6840278	55	49	65	58	63	57	54	65	55	56	68	59	57
2060372	133	142	166	207	171	153	145	137	173	107	136	134	163
5720491	179	176	261	183	178	157	161	198	181	227	238	160	159

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
6770746	75	95	66	71	93	65	75	63	82	70	118	73	69
5670280	110	121	173	350	145	170	210	259	121	146	133	335	301
5080138	74	94	72	67	66	107	90	71	95	74	70	69	100
4760192	75	72	66	60	69	72	59	89	64	82	75	64	87
2650056	87	94	93	98	81	137	130	155	139	86	107	208	77
1850168	75	59	74	69	70	72	64	65	68	70	69	77	89
6770441	72	81	83	87	84	64	76	73	75	72	63	81	64
3060703	140	127	62	68	115	128	198	124	212	70	210	69	69
2810504	150	112	179	133	124	170	140	130	92	85	64	97	169
3170431	113	82	87	118	121	73	103	140	86	100	215	93	151
6660162	94	124	93	78	76	71	70	78	75	123	93	88	81
7150324	92	61	80	64	68	75	66	71	75	59	65	82	73
2810687	204	152	203	206	198	221	200	178	196	163	226	191	249
4490544	42	39	40	51	42	44	50	44	42	43	43	41	54
3990561	70	81	219	90	61	71	85	77	65	73	64	79	73
240220	45	48	40	35	156	38	46	48	54	48	54	43	45
6370754	40	43	45	43	48	46	46	51	45	51	44	55	49
3140349	56	53	58	78	58	52	52	103	67	63	70	62	48
5910612	61	72	64	69	59	83	60	64	62	59	74	74	82
4200722	44	43	49	42	42	51	48	42	42	41	41	45	43
6660368	42	47	50	40	49	42	45	47	44	41	43	33	43
4590477	78	64	78	68	67	73	89	63	70	55	66	75	79
1400142	65	53	78	87	54	117	141	63	89	64	70	64	69
270470	68	57	68	66	60	69	69	80	76	55	71	64	70
6900170	44	44	39	40	42	40	45	43	41	41	47	33	37
3170450	52	64	53	76	53	53	59	55	64	54	64	59	52
1450446	55	63	65	64	59	68	56	51	53	58	59	61	50
5670709	89	74	98	102	72	87	66	76	74	75	92	86	61
6770408	445	166	103	76	169	78	86	110	479	118	268	82	62
6290494	489	284	177	136	298	175	189	153	571	182	281	135	121
6020170	998	443	270	156	457	129	146	370	1328	270	561	215	155
5490068	53	88	53	60	112	73	61	97	77	66	48	57	63
4540414	144	149	171	157	133	242	222	147	149	156	171	138	177
3780437	32	41	40	40	39	37	35	41	43	38	39	36	34
3520338	46	52	47	45	42	52	62	47	47	46	47	52	48
770682	77	77	85	77	83	87	81	90	116	84	84	70	112
7330367	51	67	61	79	69	57	77	63	72	73	62	55	66
2370632	121	117	140	210	100	137	124	89	72	109	247	109	130
4760626	42	43	47	53	40	36	58	50	43	38	46	46	43
3180528	39	39	40	41	51	42	46	41	40	45	47	41	36
1230228	107	75	61	101	61	91	76	58	63	106	85	77	68

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
4150598	40	49	40	43	38	46	48	57	41	50	45	49	43
3060273	42	50	50	57	51	56	48	46	49	48	47	41	64
7200601	91	105	163	84	59	74	94	66	46	274	113	56	66
7650026	247	274	318	281	125	214	298	190	81	809	336	149	276
1850315	78	84	73	74	59	59	84	64	82	122	76	71	67
2490070	59	66	68	69	61	73	75	81	67	67	70	84	61
1300240	71	82	75	79	79	84	63	96	62	74	77	72	88
6980762	43	42	48	50	39	48	40	38	43	48	40	40	45
7380670	219	144	90	90	82	75	75	114	83	98	115	84	86
5340220	44	41	50	37	43	42	46	38	37	45	201	41	46
6100360	50	51	49	44	45	49	48	36	45	48	54	40	51
3990577	69	60	75	77	71	61	66	58	85	71	60	61	65
1710692	55	51	47	51	42	83	222	50	59	62	51	51	49
1450468	59	55	58	60	57	62	75	56	77	58	62	58	54
6250040	188	238	189	257	160	164	136	178	150	209	130	222	207
5890170	53	60	51	49	49	53	53	46	51	48	48	47	44
2100296	61	78	71	71	68	68	58	84	55	61	60	67	65
3180681	48	53	48	48	46	48	48	47	56	49	53	49	49
7650538	39	50	42	48	49	41	37	37	50	44	54	44	50
4060438	97	533	1458	131	65	203	79	221	58	68	52	92	2154
1660767	104	45	49	51	52	50	50	177	68	68	50	52	69
1570309	152	106	64	82	95	66	64	77	182	89	118	50	79
4610669	208	150	66	65	245	70	70	161	312	106	160	61	78
1990731	56	72	62	56	59	64	67	67	55	57	72	63	66
7610441	76	75	54	77	110	64	73	87	65	91	56	76	89
5670129	48	54	47	45	47	49	55	59	48	50	41	49	56
7050220	109	74	51	54	54	52	63	56	67	75	68	60	55
3140131	41	37	44	43	41	42	45	42	47	41	49	42	52
4880138	100	41	45	42	41	44	48	42	43	43	60	40	35
5340458	119	101	82	73	87	114	91	77	101	103	145	80	85
580181	62	68	57	69	58	64	48	57	55	57	77	46	53
3940520	608	369	542	499	440	455	386	366	411	525	489	316	451
4220326	69	67	76	72	79	73	72	69	65	72	69	59	60
2320215	52	51	50	48	45	55	61	49	42	51	52	49	56
7100541	76	67	83	92	58	72	84	84	70	76	78	75	65
3360707	48	50	46	42	51	55	45	49	44	46	47	45	53
3450286	64	68	60	77	72	61	72	79	64	50	60	61	71
840494	43	31	44	48	37	38	44	37	39	41	38	43	45
6770131	52	35	46	43	38	39	38	47	42	47	44	47	42
4610333	57	62	53	68	58	42	76	61	64	82	57	77	56
6350192	67	96	87	71	62	70	67	71	70	86	59	61	60

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
110189	65	58	68	64	74	53	71	76	62	52	59	59	59
2480431	67	59	62	51	58	56	60	66	54	66	53	61	59
450020	59	61	60	57	60	54	60	63	65	67	54	58	46
620202	73	105	111	112	70	112	78	75	120	86	72	76	110
3930379	118	100	191	114	117	140	98	112	122	129	150	158	210
7100431	53	76	67	75	65	71	63	72	79	77	56	72	55
5490301	117	154	130	190	164	99	160	261	157	177	155	147	174
3890601	56	68	61	78	73	84	65	92	75	70	74	53	69
1240195	46	36	45	44	40	31	38	40	39	40	48	36	42
4850528	66	60	70	84	62	81	73	75	73	58	53	60	62
2650075	46	47	46	52	44	52	51	48	47	39	58	45	52
5900608	79	68	67	73	81	79	81	73	82	83	74	67	73
20112	48	61	53	48	50	63	55	59	46	50	46	48	54
2900064	68	64	65	60	58	56	92	80	64	51	61	63	61
4850070	53	56	52	56	49	59	59	61	58	55	69	71	60
1090451	81	65	100	61	72	81	114	65	82	67	78	94	70
3420554	472	272	64	49	281	72	64	333	933	297	536	47	151
2970370	81	82	55	55	59	103	89	44	48	48	55	51	108
7570753	51	89	136	137	59	72	49	59	56	55	138	62	48
6290008	53	47	52	50	37	47	46	42	41	49	44	41	45
1510014	271	328	510	258	252	188	261	286	427	178	471	297	215
7200609	70	104	165	100	68	77	79	213	103	88	75	131	83
520176	44	70	194	45	47	43	46	139	52	53	52	70	46
4210678	81	72	84	75	85	89	72	83	96	77	101	63	66
7040019	49	43	40	46	39	49	41	40	34	45	40	46	37
110347	98	110	86	91	120	81	121	110	138	135	73	72	135
4120427	51	49	56	56	48	50	58	60	71	61	53	66	46
1260762	62	72	59	62	69	59	72	68	68	64	73	69	58
1510332	68	69	62	71	62	55	57	70	69	80	63	72	49
3140373	41	50	39	51	36	51	50	41	40	40	41	48	51
1580437	47	38	44	42	53	41	43	42	41	40	46	54	47
770739	78	91	92	79	77	75	88	79	87	77	81	84	80
1050168	55	41	46	42	33	30	50	39	47	39	42	43	40
3310093	162	194	212	118	129	93	125	206	172	140	122	114	158
1570039	77	81	118	114	139	53	114	91	119	108	118	93	125
6200168	167	84	76	70	117	86	83	73	75	133	96	65	167
4010519	60	47	61	109	57	59	61	48	50	54	51	39	56
2480424	67	112	75	69	72	64	58	65	100	71	80	67	74
3850064	224	149	140	231	296	220	453	142	173	178	143	222	134
3450332	46	56	58	47	46	64	57	58	51	63	62	57	55
4780139	58	85	62	63	97	73	74	72	64	54	69	63	70

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
6330187	52	45	45	52	42	45	55	54	54	60	59	44	58
6840739	79	86	72	72	72	77	74	101	79	73	79	89	91
6420687	58	64	70	61	63	81	72	72	73	78	62	68	67
7150132	242	160	110	275	252	155	173	269	260	220	247	250	251
5810253	247	230	158	99	202	156	138	143	341	114	358	80	93
2710452	42	41	45	51	43	44	44	48	38	50	45	45	46
7400598	83	65	68	84	88	57	81	71	66	86	111	75	72
770615	50	48	50	47	44	49	49	45	48	38	51	47	37
290136	58	47	54	52	51	56	54	48	53	57	58	49	58
6450746	47	38	46	50	44	49	38	39	47	46	46	43	39
4250626	128	86	103	117	124	96	84	140	103	84	76	107	124
5390474	37	39	42	44	42	46	51	39	40	43	45	39	51
4480301	56	53	55	51	50	60	61	58	58	69	60	55	51
2690519	57	59	48	46	54	68	51	54	51	61	54	55	56
2260615	396	336	247	321	426	288	249	296	483	406	431	283	330
4780373	73	77	78	79	66	84	68	88	95	84	65	92	87
6330593	54	421	302	1138	72	593	677	188	59	57	553	511	167
940646	61	98	96	155	61	134	130	64	67	65	144	101	53
6900414	83	86	93	74	61	68	72	94	86	126	105	77	139
6400465	54	49	42	46	38	39	52	39	49	40	37	45	39
3850603	107	91	71	61	80	287	169	137	106	93	74	60	122
2350132	42	40	41	43	47	47	41	40	42	55	100	40	44
130754	41	43	46	42	43	41	44	40	50	48	45	39	39
1510291	3798	1878	362	343	1826	471	643	1737	3830	1498	2973	280	835
5960224	1471	714	163	174	1101	207	271	938	1603	611	1078	129	414
5490689	68	57	59	62	67	56	55	58	55	59	60	56	52
6400603	40	35	40	49	39	48	45	42	41	42	48	39	44
1410603	102	96	108	147	95	128	143	150	93	91	67	148	162
2760239	48	47	48	50	47	54	48	43	48	52	47	46	57
450132	154	120	196	148	159	182	186	125	139	122	141	166	138
3420372	56	66	68	47	56	59	47	49	49	74	87	49	44
1300187	103	101	96	81	94	67	63	57	66	115	98	73	74
3610170	83	74	57	70	74	91	60	75	72	74	62	71	70
6350475	71	79	75	92	76	68	60	92	93	82	71	68	77
6590438	48	43	47	49	46	48	46	42	43	41	43	38	52
1260722	54	56	57	53	49	52	45	53	56	55	47	63	58
4010592	50	79	70	56	50	52	65	56	59	70	61	64	64
7160739	67	84	72	62	66	64	66	60	73	68	60	69	66
2650370	296	399	383	203	436	281	371	349	445	453	478	257	326
2570220	110	132	142	121	137	129	156	130	130	130	112	185	142
3930372	65	73	62	66	59	69	73	65	66	54	65	67	53

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
7560497	45	42	39	52	41	43	49	40	45	50	47	49	50
1510424	60	43	43	46	39	42	47	71	40	43	42	44	43
130338	61	55	56	51	51	89	107	58	56	60	59	62	70
1690563	77	45	54	51	59	1781	2261	59	54	172	464	48	431
4050291	42	46	45	40	48	45	40	38	45	48	48	44	41
3710022	53	43	44	49	45	53	52	46	42	50	53	47	46
2350482	68	62	64	55	78	68	65	67	59	59	69	73	62
5050270	56	72	78	64	59	55	61	72	57	63	57	67	63
3850767	50	62	53	62	49	45	52	58	50	50	108	52	50
4900520	134	164	880	345	496	97	94	99	109	119	352	408	112
5260343	279	124	372	424	265	140	252	161	179	624	158	225	376
520370	67	69	63	71	67	67	62	62	68	64	55	70	65
6840154	40	49	43	49	47	48	39	31	40	43	38	44	57
3130706	68	71	90	70	71	68	70	83	65	66	73	73	77
3990278	43	42	52	40	35	146	57	40	42	40	42	39	37
4890021	55	46	47	135	52	42	52	42	45	50	42	46	51
5720379	60	90	96	81	79	71	90	82	80	90	59	78	70
5700441	46	44	47	51	60	49	49	48	46	61	45	54	43
6770333	55	45	43	53	46	56	61	46	40	53	49	48	54
1050563	47	48	44	43	47	47	47	45	48	53	50	46	50
830095	47	41	41	33	39	43	43	34	41	43	40	43	42
450246	50	59	83	50	104	79	70	74	72	67	60	81	72
2970112	63	77	93	91	94	107	76	78	74	88	81	96	108
1710356	59	69	58	59	69	74	68	53	61	70	67	70	75
510561	51	43	45	46	42	46	46	50	46	51	47	46	47
5670082	57	60	44	63	50	53	56	64	57	53	118	52	59
730093	46	48	43	43	42	38	45	43	39	40	2523	42	49
730148	69	67	63	78	74	59	86	71	70	77	67	69	85
4220053	44	42	42	43	43	46	35	46	43	50	46	44	55
270301	75	78	56	66	72	64	73	68	66	68	55	65	67
2070372	77	66	88	66	83	78	87	89	78	69	76	78	84
1580653	80	88	93	81	89	81	83	88	90	77	90	74	77
10066	56	55	51	49	52	52	63	57	49	55	51	52	59
3120286	57	53	52	51	51	56	49	58	56	55	57	60	65
6480450	49	44	50	45	47	39	63	49	50	47	46	49	38
6650152	59	63	64	72	62	65	54	58	71	68	50	52	55
2570672	45	42	46	37	41	46	46	51	46	37	47	49	45
4670138	42	40	47	54	46	48	56	48	43	47	43	44	46
20609	49	55	52	70	116	58	62	68	69	54	57	66	85
4480390	42	46	48	39	39	39	42	35	36	39	40	45	37
7380152	370	376	300	288	379	232	197	253	324	300	519	248	207

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
2810762	58	59	66	66	60	54	59	55	60	60	63	63	52
1740692	59	75	92	85	64	63	78	74	61	66	83	73	72
2450452	585	232	193	245	456	692	860	202	355	692	635	269	427
4850576	44	43	43	44	40	34	39	36	44	42	45	38	41
510133	138	154	195	240	206	149	156	171	152	116	145	173	156
2640598	72	72	66	71	62	75	66	80	59	73	66	48	67
6330730	713	1876	3388	1867	1706	1909	1849	1729	1588	670	683	2201	819
4560228	65	49	58	58	61	61	67	89	71	57	55	69	59
4610201	185	163	109	185	210	163	191	191	230	146	188	137	153
6510156	83	76	66	430	247	337	318	147	138	107	167	198	242
5390767	49	48	60	52	57	51	59	63	51	46	66	51	68
5490465	60	59	54	63	67	65	71	59	63	60	63	60	66
6960438	70	54	59	67	57	62	68	84	58	58	68	62	65
4060025	59	57	60	67	58	48	62	65	69	56	54	68	64
4850711	110	78	82	82	101	72	81	123	134	102	75	67	78
3990497	163	177	122	158	293	77	125	299	297	305	221	180	184
4200711	111	88	61	69	82	59	74	86	73	94	96	68	79
3180647	57	66	67	74	64	73	64	71	60	65	65	56	57
1090196	58	62	59	77	89	70	57	59	102	52	73	66	79
5260280	75	76	73	62	60	62	63	69	76	72	79	63	65
6290091	134	156	158	160	152	127	178	184	175	164	199	157	155
2710687	138	82	71	110	147	120	169	109	154	111	127	110	132
6270731	57	57	63	72	64	70	44	63	54	55	61	52	59
3840091	76	87	66	86	90	73	98	80	82	112	66	79	83
2510164	97	167	273	510	178	200	236	367	224	127	227	552	342
580161	80	103	141	279	69	97	147	247	132	88	127	192	202
380685	122	147	212	584	186	144	225	402	246	108	174	919	339
4210044	92	81	64	72	69	71	75	60	73	64	73	63	67
2450020	70	68	59	61	70	49	53	68	70	105	74	50	58
20543	66	69	58	63	73	61	72	70	71	49	68	58	56
4390044	66	64	60	60	65	64	67	78	85	67	73	63	60
3870156	64	52	53	60	47	48	52	60	62	53	60	42	60
1850273	62	57	60	64	77	60	63	68	79	70	54	62	53
3310037	44	51	55	48	41	42	45	49	47	46	57	44	57
3370736	357	390	214	279	149	392	344	172	131	402	167	260	224
5310368	43	41	54	43	43	44	46	40	40	45	43	38	42
160433	51	49	39	43	47	50	48	45	44	41	45	41	47
2070735	110	136	107	170	137	108	105	159	105	156	141	146	179
3710711	120	164	149	209	187	120	177	190	210	142	196	164	206
6860138	63	64	61	67	67	63	52	61	57	61	60	58	66
5340692	70	76	54	77	56	64	52	44	64	79	51	53	66

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
270347	155	167	110	177	90	73	159	133	104	171	69	105	77
2690577	51	55	51	55	52	60	58	60	50	48	49	57	58
870475	60	59	87	84	69	79	80	70	72	71	62	74	89
540014	53	61	53	62	56	68	68	69	60	83	70	76	63
6040433	45	41	41	44	41	43	41	41	38	40	45	41	49
4810730	70	60	62	69	76	78	68	52	58	66	59	71	84
3180639	39	39	38	39	36	35	41	41	36	38	37	37	38
60017	65	76	81	66	66	70	57	69	73	74	80	71	71
3520768	36	43	46	42	45	46	37	40	46	73	59	44	42
4280192	75	71	66	65	80	75	67	65	61	65	68	80	56
770255	69	59	74	61	68	54	65	67	66	78	86	59	67
1770603	42	52	45	38	37	40	42	38	42	33	39	38	40
1410192	71	75	85	82	92	117	134	70	68	74	119	70	81
1230672	50	51	40	44	40	47	53	43	45	47	47	38	46
4040632	48	60	65	75	68	56	63	69	68	56	61	62	57
4730376	47	43	43	39	42	46	45	46	51	43	40	44	45
4900634	183	47	47	48	41	41	46	47	42	43	47	46	44
4290209	109	140	111	107	87	111	86	97	112	80	116	87	110
940674	41	39	46	43	46	40	45	40	43	39	42	41	42
3360762	90	83	79	61	75	73	50	64	59	75	68	87	90
6180750	39	33	39	46	43	41	39	37	37	41	41	51	36
2320168	42	43	39	49	44	45	45	41	40	45	42	43	55
6980470	39	39	42	41	42	43	41	45	33	33	42	40	43
2640301	42	42	42	45	48	44	47	46	40	44	38	36	34
6100484	56	72	71	58	65	67	67	56	65	58	1372	70	66
6060376	76	64	95	71	95	98	141	119	91	82	68	166	81
2570161	76	92	77	72	81	96	91	82	74	66	106	81	111
990441	43	43	39	43	49	50	47	48	48	43	48	51	48
4730564	198	237	78	153	170	200	209	148	207	231	281	160	210
4890092	82	79	80	61	63	92	104	58	85	92	104	58	69
430300	65	68	69	59	58	56	49	76	66	66	68	72	54
3850326	40	37	45	46	45	42	42	45	41	48	39	40	42
2030709	78	79	78	62	67	64	75	69	79	75	57	49	98
5260253	44	44	42	40	36	50	49	48	41	49	36	46	41
6040731	94	40	50	42	40	147	231	40	43	44	41	38	179
6420605	83	69	72	77	72	70	72	66	63	66	74	65	87
4250367	67	72	59	53	65	65	71	66	63	74	67	62	64
3930086	432	421	416	546	408	298	379	417	461	436	454	403	417
6580059	181	61	59	49	73	88	185	50	88	64	496	45	161
1070088	57	64	55	70	71	51	71	64	56	58	56	65	64
6370703	42	43	43	41	45	41	41	41	37	46	40	44	47

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
6860392	63	72	69	71	72	74	67	81	69	72	74	65	76
2190408	56	54	50	54	61	55	54	54	47	50	51	48	49
3390215	61	65	69	72	55	61	66	48	71	60	67	65	66
7000619	54	98	112	67	63	71	69	81	59	64	70	61	64
5420189	44	42	52	47	40	47	45	45	40	45	39	40	45
5570181	59	48	57	62	56	51	47	50	64	56	61	49	61
5810730	41	44	38	42	41	38	38	41	43	38	40	42	40
5900228	60	59	67	53	58	64	62	64	60	57	64	59	67
5360601	81	96	68	108	74	89	93	90	83	103	78	69	83
7610524	48	55	63	60	54	54	65	55	55	54	63	78	56
2850619	104	75	75	77	140	84	92	96	122	75	82	84	275
3130372	40	43	50	46	50	54	57	48	49	49	44	45	54
5910414	44	46	51	41	46	45	47	51	48	46	48	45	48
5870091	52	71	59	54	53	65	54	65	65	62	79	55	70
1090008	51	60	64	43	81	1105	782	47	44	190	34	45	58
70451	76	65	86	83	73	72	75	76	60	75	91	99	76
3710026	68	51	45	41	41	38	43	46	76	50	57	41	47
4260286	83	73	103	81	75	116	144	86	88	85	98	118	133
2810451	53	56	40	39	48	42	42	41	38	38	39	42	40
5700431	134	93	90	84	116	67	84	101	118	108	87	100	93
1240746	98	84	61	89	76	104	99	69	72	97	79	72	239
2710343	45	42	44	43	44	46	43	37	42	42	73	42	44
6840202	62	56	69	55	48	67	57	68	69	234	51	61	138
6940431	60	85	69	58	74	78	72	55	55	54	178	48	65
4490743	58	54	53	57	50	63	63	60	53	59	65	60	53
4810632	60	54	63	60	66	62	62	58	63	62	54	65	50
5220753	64	71	64	70	61	67	68	61	52	56	64	63	65
6200091	62	67	70	90	61	56	79	68	61	63	56	69	73
2690279	48	42	45	41	41	46	47	42	44	50	48	40	40
6590523	45	64	63	48	56	46	47	45	56	66	51	48	53
670414	57	55	70	54	65	56	57	57	61	58	53	45	53
4490288	47	42	44	41	86	42	41	45	50	43	45	45	42
6580717	33	77	69	50	44	49	43	42	41	49	52	54	56
5560411	152	142	162	149	124	161	143	121	157	103	139	123	95
1170154	131	97	76	110	119	114	124	91	82	74	103	108	141
3290152	100	74	88	60	75	92	122	65	64	74	73	66	90
3310592	553	753	924	1116	586	408	646	799	754	478	617	782	638
3450750	834	1220	1483	2510	1382	768	1102	1446	1010	763	1158	1640	1062
3400070	179	210	172	191	186	198	205	162	155	201	208	130	190
20603	217	185	179	174	205	213	191	192	137	190	184	171	169
6580113	56	73	66	68	51	52	76	67	65	60	57	58	59

ProbeID	[[100], HHSteC t (Human Hepatic Stellate Cell), MBA_2161	[[102], HCM-a t (Human Cardiac Myocyte-adult), MBA_2165	[[103], HCF-av t (Human Cardiac Fibroblast-adult ventrical), MBA_2166	[[104], HConF t (Human Conjunctival Fibroblast), MBA_2172	[[105], HVMF t (Human Villous Mesenchymal Fibroblast), MBA_2176	[[106], HAmMSC t (Human Amniotic Mesenchymal Stromal Cell), MBA_2177	[[107], HCMSC t (Human Chorionic Mesenchymal Stromal Cell), MBA_2178	[[108], HPA-v t (Human Preadipocyte-visceral), MBA_2179	[[109], HPA-s t (Human Preadipocyte-subcutaneous), MBA_2180	[[110], HOF t (Human Ovarian Fibroblast t), MBA_2182	[[111], HMSC-bm t (Human Mesenchymal Stem Cell-bone marrow), MBA_2183	[[112], HMSC-ad t (Human Mesenchymal Stem Cell-adipose), MBA_2184	[[113], HMSC-he t (Human Mesenchymal Stem Cell-hepatic), MBA_2185
5870008	60	49	73	62	59	58	60	59	88	63	61	71	79
7050201	66	59	54	59	51	56	48	64	70	64	57	66	61
150735	63	58	54	57	55	130	198	64	56	67	67	77	64
510066	68	64	60	91	64	52	67	46	60	67	70	66	68
1470162	61	68	66	84	85	85	54	89	71	69	62	76	67
3520168	1230	345	97	80	249	137	77	593	992	756	164	84	394
1980538	58	56	58	70	69	76	66	68	71	79	79	76	73
5820026	67	90	83	98	98	76	66	107	117	81	67	104	68

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbillical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-n t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
4850086	46	46	45	36	39	49	50	41	39	35	37	43	100	110
6110592	126	90	45	62	84	119	98	87	88	72	88	64	118	115
3190082	59	53	42	52	54	53	53	60	54	45	42	49	50	52
1450100	53	47	49	46	46	49	56	46	67	49	47	44	51	54
5490382	39	41	36	48	45	39	41	36	40	42	34	41	46	40
3520709	74	83	117	89	69	79	64	84	68	84	56	83	74	68
3120681	42	42	32	42	44	42	46	46	41	41	36	40	45	42
2030161	71	66	72	86	84	59	62	49	61	104	73	64	82	868
270709	83	89	97	60	75	78	81	71	54	82	81	70	63	66
2320377	41	43	38	41	39	46	44	46	51	47	48	41	37	41
1260270	82	80	83	71	73	78	87	82	80	79	79	72	84	78
2760274	46	54	39	52	55	43	45	41	44	44	38	45	51	79
2650736	43	55	50	57	48	48	46	54	44	40	51	42	44	54
5910010	85	72	80	82	88	78	67	68	80	74	76	87	179	8134
5310524	163	118	68	114	123	128	98	123	127	116	110	139	152	211
3780156	51	45	53	42	39	52	49	45	52	61	46	44	53	54
1050561	68	73	60	79	75	92	67	56	75	76	95	72	79	71
2480040	49	54	38	49	47	41	53	37	49	62	49	49	43	44
5910309	39	43	35	44	43	35	34	33	44	41	39	46	5599	5355
5810050	81	96	71	64	75	116	86	75	70	86	104	79	176	211
1030184	45	47	44	48	48	51	52	54	46	53	48	47	60	57
3460279	53	55	51	47	46	52	61	55	60	41	40	44	53	55
4570364	66	69	93	66	62	67	77	74	102	69	84	70	70	65
6380020	60	61	68	74	67	60	70	81	65	61	71	65	69	62
3780468	61	63	66	66	59	64	67	70	64	68	57	56	59	46
240541	48	46	48	45	45	37	56	49	51	51	45	47	60	45
2630010	63	73	53	60	57	58	57	59	58	69	50	64	53	62
1740669	42	43	31	38	36	33	35	43	39	38	40	34	36	38
2340577	45	46	44	43	42	47	56	50	34	57	47	45	45	42
1850521	58	68	53	70	61	55	58	53	52	53	56	59	78	72
2650594	42	45	42	37	49	41	47	47	51	44	50	45	67	81
130110	53	52	49	49	51	76	127	112	48	40	75	82	58	47
4830376	43	44	55	49	47	46	51	39	49	54	48	54	50	65
7200435	57	61	54	52	59	55	52	60	60	54	48	56	92	119
6290239	85	100	198	73	81	162	124	106	121	85	105	118	1483	2412
2480241	124	134	373	141	142	350	260	437	179	210	173	180	226	286
5080561	269	233	121	181	174	402	138	331	148	183	195	160	226	210
1770253	46	42	42	38	39	41	51	42	40	50	45	56	41	37
6280440	41	37	38	40	37	49	37	52	43	45	37	34	82	87
3450347	42	45	33	45	47	290	359	314	47	40	40	39	42	41
3170100	45	45	38	48	46	51	49	41	46	53	39	40	64	75

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
2600554	58	80	59	84	72	77	59	79	72	69	80	77	59	63
2510253	123	46	53	73	86	56	62	43	101	89	65	57	199	224
7570477	163	118	126	197	281	120	135	120	109	115	108	109	194	214
7510424	187	135	193	381	387	184	153	144	119	131	153	156	258	274
6040452	70	63	53	63	71	63	58	57	66	62	57	69	47	58
1850068	307	319	177	502	289	516	395	441	156	278	328	232	117	115
6110440	59	65	66	75	79	71	65	68	66	65	74	76	74	57
6960035	36	40	94	38	40	43	39	49	211	52	47	54	59	112
7050215	37	48	49	47	48	50	38	44	192	253	43	46	44	43
1710242	424	310	186	282	267	125	229	178	380	144	204	188	348	395
4890670	74	70	71	97	73	65	73	78	67	82	76	74	83	99
4540468	73	58	65	62	65	49	52	59	61	64	65	64	414	419
6510360	351	365	297	350	352	301	456	380	181	101	187	163	163	162
6110102	44	45	48	64	48	54	69	48	47	46	50	53	92	104
6110152	49	55	41	41	48	46	58	47	45	44	38	45	45	55
2490044	109	113	118	84	109	110	78	81	96	90	91	60	119	144
1070224	45	40	54	47	49	46	42	39	102	60	54	97	64	78
2070377	65	71	56	64	58	70	66	62	71	60	53	66	70	83
2000128	36	44	38	42	48	42	40	35	38	46	44	47	55	126
6100241	48	43	41	33	44	39	39	39	41	43	46	40	80	41
6420689	52	58	64	60	59	57	58	63	52	56	65	56	59	67
6060347	59	53	59	58	53	43	47	49	62	36	38	39	48	65
6040156	88	75	94	95	81	108	146	129	72	82	81	85	100	98
3870593	62	64	64	64	58	77	74	68	68	69	63	84	78	57
3610180	46	47	45	41	39	45	39	42	43	48	41	40	45	42
6450403	47	46	40	50	49	39	38	38	36	44	38	40	49	39
4260280	74	65	74	91	72	82	70	62	53	75	74	72	89	97
6650215	93	79	86	74	73	87	78	77	82	76	62	85	83	78
2190139	37	46	50	46	44	40	49	41	39	40	39	43	42	36
4850170	42	43	44	43	43	50	49	43	41	53	40	38	42	48
5310343	50	44	50	43	48	42	49	42	48	52	45	46	53	60
3710176	107	68	104	70	65	106	96	76	80	100	84	82	76	87
1450671	160	76	104	172	141	122	94	92	87	210	62	84	80	94
3830598	51	53	49	48	52	51	52	47	56	50	46	44	62	61
3830170	148	139	150	147	154	242	282	245	187	218	176	209	203	211
5340348	60	79	55	68	62	107	147	324	61	64	61	67	65	69
780356	54	52	57	55	69	62	61	60	70	63	67	67	56	57
5360070	1594	1482	231	1220	1156	739	609	1069	158	658	792	184	121	93
6250672	69	61	70	54	60	73	69	89	111	54	55	63	137	112
580100	52	69	84	57	67	59	60	62	58	74	69	62	147	224
7210136	42	43	47	45	39	41	47	48	46	48	42	41	69	63

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
1170671	39	41	40	42	44	40	32	41	42	39	49	45	156	101
1580411	40	42	42	40	43	36	36	36	31	37	34	36	145	102
20129	73	72	102	81	67	73	67	79	78	67	69	77	329	194
4220068	72	84	85	78	80	70	76	76	66	98	60	62	64	72
3940504	83	77	90	94	85	74	86	78	87	77	74	74	336	187
770167	73	64	106	76	66	595	901	709	82	79	94	71	179	168
4200451	234	186	59	154	160	87	96	141	50	99	130	58	60	51
3460152	291	248	52	217	200	102	104	162	49	114	127	57	48	45
2940398	307	285	60	209	195	234	115	224	85	158	149	70	56	51
2260424	57	58	66	99	82	65	61	69	62	144	72	65	64	65
1260025	522	313	285	323	315	336	303	315	233	252	252	200	351	411
5260014	981	961	224	804	768	649	621	831	137	394	599	146	87	70
2360632	61	60	73	60	68	62	76	68	59	64	78	72	85	58
6350437	97	61	95	76	90	90	95	67	83	64	97	99	74	82
4920019	79	73	81	84	71	78	71	71	71	91	78	72	47	80
7050053	66	55	56	65	71	56	49	62	51	58	61	64	73	60
2350730	68	57	87	79	70	69	67	63	58	65	99	52	74	66
6860446	92	93	85	86	105	110	90	72	84	107	92	75	79	81
6840609	70	78	78	74	88	71	80	66	75	83	88	80	72	73
5270022	52	56	54	53	49	54	47	49	57	58	54	42	62	62
2650484	36	45	43	49	49	41	45	46	51	49	51	54	49	41
5550372	64	79	68	71	70	63	62	63	60	71	67	69	65	73
1580487	137	96	71	117	117	234	178	286	99	59	50	53	209	245
6420356	58	45	51	53	46	37	45	43	48	44	47	44	40	54
5290711	45	48	44	47	46	903	537	586	44	46	44	39	344	70
780528	3121	4161	555	3054	2662	2662	1942	2771	366	1935	1790	716	373	286
5670722	80	82	60	58	82	58	56	71	68	59	57	74	62	75
3780291	76	107	256	87	83	159	127	72	148	121	116	190	226	378
2650673	51	50	47	38	42	42	54	46	52	37	43	37	37	42
7160376	66	64	64	65	66	58	70	72	59	68	73	69	67	63
6370414	45	47	46	44	52	41	42	44	44	43	40	47	67	53
670398	64	80	82	114	76	145	110	160	83	167	149	146	73	79
10187	244	208	73	193	287	317	419	367	223	266	238	245	199	170
6100139	41	40	41	46	48	46	47	52	60	50	47	49	56	49
3390372	46	43	46	52	59	49	109	51	40	49	46	41	89	113
1450392	47	47	45	46	49	48	47	50	64	52	48	51	59	51
4010136	59	55	55	48	69	47	53	47	47	51	58	56	74	80
5390113	129	135	71	90	106	75	54	78	74	111	87	75	146	140
580754	48	42	45	41	47	48	46	49	42	40	47	61	39	39
2260445	64	63	55	59	75	61	67	66	53	65	49	61	70	57
1170047	144	113	202	117	118	143	499	428	1937	120	754	351	1300	785

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
5860048	138	114	60	91	113	116	105	118	125	158	111	105	165	147
360296	57	64	65	151	152	135	258	413	55	104	58	58	138	195
540685	53	47	70	63	63	52	59	45	45	58	55	64	47	46
4280440	70	102	84	98	74	107	79	70	64	114	75	66	63	63
3830202	49	49	52	53	54	49	47	62	69	50	56	46	49	44
4010095	47	48	50	45	55	46	46	40	47	51	49	52	50	42
6900377	35	37	45	57	43	44	47	43	43	36	39	47	41	47
7650739	66	64	76	63	67	50	62	67	67	58	71	72	62	64
3870608	206	158	176	204	210	189	171	155	172	181	233	186	332	305
6370541	46	41	41	44	39	131	48	42	34	38	44	63	43	41
5860674	62	61	67	43	58	51	57	76	66	62	69	55	49	80
5820551	59	91	83	67	72	77	60	62	58	58	80	74	72	61
7510128	73	83	75	84	66	99	72	71	62	76	65	71	63	64
1230603	72	75	65	83	70	87	73	59	64	64	73	80	54	57
2710504	37	43	38	41	39	40	39	42	42	44	38	49	41	35
5220196	215	199	109	162	177	266	239	253	183	204	218	220	270	293
620041	37	49	39	40	43	50	42	38	46	44	46	38	42	48
6580626	52	164	53	136	109	268	206	258	73	62	46	53	89	86
2100711	52	42	46	48	55	52	46	47	58	47	42	49	76	74
2260274	33	47	40	42	48	43	41	49	44	47	40	43	97	83
4850746	79	57	69	83	62	68	67	64	50	63	65	72	112	90
7380678	41	34	38	44	38	39	33	34	34	36	40	32	40	39
4890750	135	115	92	119	120	132	93	111	79	114	110	136	150	132
5960672	640	372	446	445	425	777	612	469	399	402	391	365	627	799
870477	56	49	54	65	54	57	56	59	52	63	67	64	67	60
2230341	89	80	74	66	66	79	73	59	75	61	65	66	68	73
1770497	62	54	66	64	59	70	69	48	67	67	65	68	48	49
5550553	74	69	65	57	71	165	164	167	76	54	54	72	81	99
4890671	68	62	72	56	67	79	74	70	77	91	61	72	72	87
20192	170	128	146	126	128	178	134	142	122	145	129	155	158	151
5900017	188	198	43	153	191	120	81	129	114	175	181	69	47	46
7040100	49	34	41	41	40	40	45	43	40	35	48	37	42	49
6220209	49	41	35	41	39	41	42	47	47	43	39	44	44	59
5570703	74	62	56	65	66	53	54	65	59	64	69	65	58	64
1190091	90	61	79	156	119	83	69	63	69	128	71	57	112	94
2370768	40	39	38	40	36	39	49	45	42	45	37	37	57	50
6420736	337	102	107	153	202	186	189	225	119	62	69	82	515	307
2450411	245	74	112	141	187	120	175	196	137	52	55	71	525	312
5720465	275	127	126	153	193	176	197	216	129	90	96	103	589	335
450736	91	82	81	75	74	78	72	72	70	83	64	70	76	67
7550086	38	30	40	36	41	44	43	42	34	42	39	47	38	39

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbillical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
940746	46	43	50	51	37	42	42	43	41	52	45	73	52	46
4280132	58	60	53	44	41	63	57	53	55	49	45	51	57	69
4280504	44	45	48	59	50	45	54	51	48	48	54	50	40	43
6330553	198	227	248	246	244	230	210	258	330	268	209	188	172	199
2100743	172	204	640	234	244	443	288	555	622	357	244	241	482	534
6560523	135	132	162	138	137	212	138	236	367	190	143	138	172	188
5340338	238	160	88	152	125	932	169	307	84	96	140	111	130	89
6650196	220	174	81	169	191	113	176	120	238	190	129	175	229	172
6350204	75	64	91	71	79	87	65	79	67	80	72	66	76	80
1170605	64	79	111	70	69	60	128	68	100	131	117	138	212	205
670333	41	42	43	44	39	41	42	44	53	40	41	68	275	241
1410240	57	36	40	41	41	40	42	41	43	44	42	61	180	162
6370356	67	68	73	60	60	91	93	117	75	591	356	166	91	86
2510356	44	42	41	43	48	40	39	42	51	44	40	39	35	42
5270468	48	43	45	48	49	52	51	53	44	49	40	44	47	42
1030209	48	35	45	41	37	45	43	32	33	42	34	40	42	37
4200437	193	331	151	330	303	517	629	547	234	330	345	317	475	491
830543	39	40	31	37	39	40	38	41	124	35	37	56	43	46
5690112	44	48	50	42	51	50	58	50	61	51	51	54	70	69
3360095	64	62	60	79	85	76	77	84	76	71	72	60	511	455
7040678	57	56	57	49	57	63	242	145	39	43	43	46	212	473
4200541	209	135	107	187	246	74	77	87	143	259	140	141	298	282
2370646	47	39	43	50	44	45	46	43	82	45	51	48	48	58
5130100	44	41	41	44	42	46	42	42	59	37	48	44	41	39
1660243	42	38	45	35	37	39	42	44	44	42	38	45	41	35
6220307	58	66	67	58	59	55	64	64	68	59	53	63	65	60
3460446	81	68	79	101	65	69	57	67	91	120	90	85	74	83
2940403	588	289	465	477	582	342	279	440	132	474	220	252	725	629
1580215	166	115	152	93	103	162	99	120	125	189	146	145	126	114
130463	53	58	60	50	56	52	53	59	52	51	52	51	277	123
4120703	57	40	49	56	51	46	48	43	42	43	52	56	63	59
6980367	64	55	53	57	57	48	50	50	60	47	45	49	72	70
3180156	65	57	65	44	60	58	53	57	56	64	56	54	58	50
3780193	44	48	48	45	46	4327	4585	6007	49	46	94	43	68	56
5130255	42	42	47	42	44	41	39	50	36	43	47	41	41	44
2850703	67	61	64	61	67	47	62	59	56	59	57	60	55	52
7400072	77	63	66	56	79	66	62	68	52	67	65	69	75	59
7210240	68	212	89	70	67	63	71	86	71	69	70	81	77	63
5270619	63	78	56	57	75	97	70	76	70	68	64	63	239	208
2030451	44	39	47	41	46	49	46	40	48	49	39	45	43	46
10504	36	40	43	42	37	40	51	50	86	49	44	49	90	50

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
2230008	42	343	44	51	43	40	41	41	51	44	46	42	41	37
3180025	45	81	41	36	46	38	40	37	39	44	51	51	39	40
2480228	55	76	70	60	64	61	61	68	59	69	77	70	72	76
6110022	71	81	72	71	64	71	78	82	69	68	62	71	81	73
4290014	507	339	403	327	362	326	300	302	253	303	234	219	328	329
7550368	69	80	120	78	73	68	61	65	92	75	113	105	244	346
7000575	79	70	85	62	68	71	76	65	69	73	67	66	136	104
5700095	63	57	59	60	57	60	58	58	164	54	62	66	89	65
2570500	68	78	69	78	74	84	68	65	96	73	79	86	133	181
1660341	62	68	482	66	58	60	59	61	172	68	62	67	366	207
1400433	60	56	160	61	71	70	60	63	112	58	69	54	177	93
4610592	65	58	64	75	76	57	59	61	57	71	64	66	45	55
3170204	43	47	44	40	49	46	46	44	43	43	51	39	34	47
6860154	40	45	51	41	46	40	46	41	45	34	46	36	41	42
1260468	48	38	42	40	49	40	45	50	38	44	48	45	40	49
4780278	55	74	72	61	53	55	60	54	61	69	72	81	76	56
240053	56	59	56	61	69	56	62	64	49	53	52	49	75	83
4610520	39	40	38	40	43	50	99	47	43	41	40	45	39	37
3190167	48	54	55	60	49	46	50	41	44	49	50	48	50	53
5340730	54	57	54	65	50	56	68	56	65	67	59	66	54	57
940692	38	46	36	33	39	39	46	46	39	40	46	42	39	38
7320193	57	46	42	42	45	50	43	43	40	54	45	51	68	69
6330477	69	71	67	73	76	86	65	69	58	69	86	67	70	68
2340553	99	101	149	84	79	71	73	79	103	127	129	136	116	165
1660184	42	41	45	50	46	41	45	49	64	41	48	49	70	56
450368	43	40	46	46	43	42	34	43	41	45	44	45	74	79
3830044	63	50	74	44	46	54	40	52	54	64	66	62	71	80
6290554	73	80	62	83	69	72	64	67	67	66	84	75	75	66
3830332	73	72	67	68	68	62	73	79	61	70	79	67	62	68
1050414	79	74	75	70	74	66	76	72	75	97	73	65	87	84
780600	80	69	48	53	61	43	54	60	155	73	53	54	720	631
7050333	85	86	64	77	95	65	96	66	68	99	77	84	217	112
4290465	51	58	56	48	53	55	54	55	52	61	49	52	207	168
5720482	57	60	91	61	55	730	796	1010	55	38	37	39	351	327
5260070	159	122	187	243	239	1619	472	750	125	524	156	205	1634	1401
610201	91	105	61	136	135	5366	2798	4083	124	104	53	65	89	78
5570279	206	251	200	223	214	229	278	328	145	198	273	165	187	168
290730	92	249	104	152	144	112	529	282	288	260	286	726	431	353
6200669	79	144	52	76	106	77	278	183	152	135	165	327	264	180
6290685	107	79	65	69	72	58	116	81	69	85	73	83	85	69
6110630	676	920	493	756	634	329	855	1078	1160	1034	740	1602	1122	1157

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbillical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
5050402	219	236	110	184	205	150	279	282	266	223	226	355	270	220
2970019	40	57	44	52	51	60	125	60	100	68	55	103	76	73
610451	191	232	154	328	270	195	207	273	134	254	184	278	380	500
6100022	269	265	186	276	275	160	189	235	125	176	143	150	324	404
870301	63	62	71	76	64	66	78	76	67	62	80	61	66	55
5260091	123	365	75	291	236	53	47	47	65	71	66	66	56	63
3460608	53	68	66	69	63	67	57	60	55	66	61	64	53	51
6590131	65	91	70	62	70	83	67	66	58	54	61	65	73	68
2140196	69	57	55	73	51	72	65	59	57	72	48	64	357	199
990091	71	64	63	58	75	82	54	69	70	70	68	68	48	67
2260747	54	52	58	86	51	409	362	406	62	85	61	56	76	75
3170403	48	55	60	49	70	53	66	50	65	61	67	61	54	58
5570711	55	61	62	72	69	55	59	56	62	62	89	235	72	70
4920131	41	43	44	52	41	44	41	44	38	42	42	53	50	70
3290368	45	145	45	41	40	43	44	48	156	41	42	48	106	35
4120161	45	45	48	43	57	43	45	39	413	45	51	41	102	56
6200044	54	49	53	45	49	50	47	48	121	45	51	41	56	60
5420386	264	57	143	147	116	70	69	55	58	73	62	53	64	80
1230538	63	58	51	74	80	47	51	46	118	85	166	86	47	52
380259	53	51	51	46	46	42	45	48	41	45	60	175	56	55
2140376	72	73	55	67	86	60	61	65	67	79	76	89	60	53
870626	74	75	58	69	81	88	76	92	76	58	109	87	76	77
4040474	62	53	59	53	61	62	58	59	81	53	57	55	70	78
7200719	299	332	481	296	403	270	296	315	474	451	593	527	622	653
2100196	457	389	820	488	659	425	134	907	281	552	400	293	346	270
2690224	309	251	356	326	266	301	221	210	349	407	396	401	343	381
730722	94	69	59	65	66	63	57	57	65	75	84	59	188	79
7610170	42	47	42	48	44	46	43	44	46	43	44	39	50	42
6960563	39	42	43	47	40	51	38	36	42	42	47	41	40	42
7320349	87	70	96	92	75	89	66	79	76	80	82	83	77	69
6960739	77	58	82	70	84	74	79	68	76	77	89	66	69	69
5390435	40	46	48	35	42	49	50	49	43	37	51	46	52	41
4060192	74	87	78	75	71	99	70	75	82	67	71	75	71	77
6220309	86	76	77	57	81	75	53	75	57	61	78	71	73	70
5490711	45	46	49	55	43	42	44	43	42	48	55	42	41	50
4390291	74	74	78	71	71	80	71	70	79	76	73	74	68	83
2000274	52	44	45	42	47	42	42	39	44	44	39	41	41	43
6960259	70	63	72	72	76	70	71	77	94	65	63	75	87	146
3370544	65	65	56	52	61	59	64	62	57	55	54	55	125	264
3130711	74	66	71	59	72	76	66	82	75	76	141	124	64	67
4810703	124	155	83	177	127	72	66	67	113	105	234	233	125	133

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
6660671	61	127	54	152	106	41	44	49	84	72	99	141	75	87
1940193	75	92	100	81	76	73	84	75	59	84	87	77	66	76
990112	75	70	117	62	78	85	101	81	87	82	103	79	78	83
4810424	36	42	36	45	37	32	49	36	95	42	39	73	42	39
580292	68	71	70	68	74	87	55	74	54	67	54	74	64	52
2320296	45	38	48	51	41	41	43	41	48	37	43	47	58	65
3990739	67	60	73	85	57	83	84	71	54	59	59	52	85	98
2030259	41	40	39	42	36	42	40	40	45	49	42	39	45	38
5490040	73	69	65	60	63	66	62	57	71	63	65	84	77	80
6400703	107	110	97	95	76	100	87	73	103	121	144	105	133	124
1570184	44	47	58	49	42	58	62	61	45	52	50	45	78	64
3610730	47	70	55	49	65	62	74	74	114	63	58	63	209	281
7380392	79	68	62	94	80	64	80	63	95	80	50	65	107	185
5900273	69	76	64	93	75	88	72	90	68	87	72	76	65	93
1510075	42	43	45	44	38	46	43	42	35	51	46	48	43	42
6860634	48	50	59	45	47	39	49	48	54	47	52	61	67	60
6620259	149	97	157	135	118	90	113	99	134	89	236	463	88	402
540204	84	77	99	183	168	207	248	452	85	71	62	69	142	207
5080259	50	43	41	101	51	55	71	86	44	53	42	47	48	61
990086	44	41	45	40	37	40	43	47	50	43	50	49	44	51
3140259	42	69	61	56	82	46	48	42	120	74	48	63	55	56
2100189	149	143	301	188	169	247	195	210	164	206	253	231	211	202
4250246	422	546	676	496	451	585	473	486	716	426	626	833	1161	1182
1980079	73	89	68	69	84	68	75	82	76	109	88	77	76	78
4850300	78	80	149	82	93	163	155	167	136	148	103	139	182	228
6520440	57	49	60	60	58	178	242	99	47	63	59	46	60	61
4210561	70	96	185	76	76	153	94	104	108	228	162	200	197	194
510632	101	103	141	81	123	132	208	113	120	93	90	91	151	170
4050398	50	47	46	43	41	52	79	47	46	50	49	53	56	66
5960524	69	67	55	66	85	61	70	56	67	70	69	67	71	76
460202	50	150	50	64	82	40	54	43	138	95	78	98	56	52
3780491	78	82	78	69	61	71	83	68	66	70	67	64	62	69
5290707	63	72	64	55	67	69	124	155	67	68	94	66	85	85
1450619	45	45	40	54	40	44	35	46	43	42	41	42	44	39
3190524	513	369	125	341	335	535	212	338	138	237	307	142	205	204
3840445	70	44	61	51	44	194	801	55	430	59	58	71	2121	1292
2060414	59	65	65	61	64	60	55	68	55	61	56	63	67	66
5860289	37	33	37	40	37	71	76	36	40	44	43	34	588	275
430446	67	48	71	45	41	37	43	42	102	58	365	74	214	67
7040142	127	116	87	83	90	89	84	117	71	90	75	94	108	122
3460685	159	132	44	38	46	60	78	115	44	34	62	74	155	226

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
5490358	49	55	72	54	46	49	51	54	44	44	43	49	74	73
4390100	68	51	78	52	41	64	155	44	79	190	60	48	323	273
3140427	65	69	53	61	67	77	64	68	65	69	63	63	64	62
4390398	101	105	148	78	93	84	1767	104	82	100	94	89	222	145
520465	56	45	48	50	44	51	49	51	40	42	35	46	64	61
1570148	46	41	42	40	42	44	41	47	41	42	42	47	42	35
5860528	52	76	74	69	71	64	67	57	83	58	85	66	68	59
3180615	75	79	77	55	67	61	76	66	82	73	63	63	70	69
6840209	55	41	47	53	54	52	49	48	52	52	43	41	57	53
3710161	68	68	72	69	75	77	83	61	69	92	89	65	66	69
1470168	52	49	44	35	44	41	40	44	43	41	44	44	46	55
2900343	42	33	31	36	40	42	33	36	36	39	1095	1328	37	41
6420450	153	139	211	145	143	136	108	75	122	172	183	168	211	189
4220482	43	43	49	48	46	40	50	39	47	45	48	44	48	49
5260672	71	74	97	79	85	91	103	94	78	67	78	85	75	65
6980632	60	99	73	76	86	59	145	82	97	70	149	115	290	318
6660687	105	108	70	93	97	78	82	102	89	74	85	89	110	115
2690438	82	123	150	115	113	82	116	82	114	124	132	107	88	94
5270551	369	231	64	249	246	158	129	159	86	116	122	93	80	86
240343	65	71	59	69	55	53	81	64	52	49	39	42	69	59
1240408	54	61	196	70	64	64	79	50	114	63	57	67	127	116
4480528	58	71	1106	83	64	58	63	46	408	58	59	62	651	485
240386	97	83	118	101	106	134	108	102	93	98	75	79	103	152
3780767	124	96	90	159	92	84	77	223	433	69	87	90	72	67
6620373	90	58	63	87	77	125	114	70	79	81	67	69	80	105
3930669	49	57	62	65	64	60	49	54	53	49	67	70	202	150
5490307	69	67	74	61	64	55	71	58	56	77	74	65	58	73
3060187	129	158	243	102	124	196	121	87	128	206	313	187	610	623
2490132	51	52	55	62	53	51	46	59	54	72	67	47	61	62
4150685	68	81	72	73	65	93	78	59	86	71	82	77	115	128
2260037	217	80	102	632	278	63	67	75	74	176	63	93	122	128
1260064	184	134	232	132	133	210	181	149	140	101	104	144	175	217
1660220	96	98	118	85	113	126	86	94	111	130	166	131	123	128
6400484	60	62	71	85	68	59	63	60	55	57	72	66	202	516
4850189	49	48	66	57	58	53	68	55	50	43	65	64	61	65
4760196	90	62	63	57	69	72	55	68	61	54	83	58	52	52
670670	43	49	44	40	42	41	41	51	49	42	43	44	50	45
6370008	64	66	56	57	68	60	61	65	54	61	59	61	59	43
4490594	1271	1251	6602	2417	1932	2017	1180	1009	2601	4541	5718	4263	6323	7900
2970152	69	60	63	77	68	70	99	80	103	63	78	63	62	43
1820288	85	84	233	93	82	67	78	72	238	67	63	58	292	141

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
3360327	176	147	81	129	124	117	98	114	97	125	89	97	84	75
4480762	110	72	87	71	75	76	66	70	86	92	117	92	53	63
4280093	60	75	568	92	73	58	51	53	149	85	109	92	329	302
3850367	178	136	367	149	176	130	113	130	444	197	152	174	440	295
110333	70	62	64	66	92	107	80	59	69	62	102	94	103	148
3610520	69	72	75	60	57	68	58	82	59	73	73	66	86	112
2710121	95	101	103	112	94	83	83	80	148	136	147	117	84	86
5670372	80	94	50	63	76	52	48	55	54	88	54	57	110	115
670066	58	64	62	62	67	658	1060	283	53	70	61	64	56	59
2360739	42	49	51	53	38	49	42	47	57	50	46	44	65	65
380519	84	89	194	68	85	83	77	92	250	71	89	72	282	141
4040113	73	67	87	77	66	73	69	61	65	88	78	80	74	61
6130152	112	95	63	108	103	82	90	66	76	96	72	94	77	71
5960328	80	101	102	82	75	71	76	88	72	77	79	77	193	115
4590332	65	79	56	54	67	67	72	70	62	65	73	57	72	70
4780754	60	58	59	70	64	67	65	65	51	43	73	69	57	66
2120189	130	95	52	112	98	111	57	53	65	56	56	52	60	55
1410747	65	74	69	75	65	69	77	68	69	59	65	62	847	757
5820746	98	68	76	93	84	111	111	90	77	75	84	88	89	89
6020242	63	48	68	60	64	52	56	54	2861	61	82	64	64	63
6580088	105	123	191	102	74	151	71	87	103	100	148	92	452	257
580445	70	74	65	67	76	84	74	67	59	76	89	70	165	87
6400414	57	59	81	67	69	68	64	69	63	55	63	50	84	94
5870653	58	67	51	63	56	101	148	60	158	57	53	52	1660	261
5560707	64	66	90	88	60	68	61	70	69	67	61	57	63	57
6290450	62	66	46	62	50	55	63	52	58	66	55	75	66	59
4760673	69	75	80	67	70	68	68	63	71	82	65	71	74	71
6770706	66	51	59	54	59	64	55	57	60	53	63	57	51	52
6180546	58	63	61	61	61	64	61	58	67	64	62	60	55	59
4390386	82	88	78	78	76	80	70	109	71	70	93	84	70	72
6350091	68	57	58	58	57	48	51	61	48	55	59	45	54	46
1570286	67	77	77	87	67	84	67	61	68	80	76	61	69	75
1510519	66	79	89	64	51	73	60	63	79	73	68	65	60	71
60546	72	62	62	63	74	64	64	49	51	57	65	76	62	60
5700360	82	82	96	66	86	67	62	72	66	77	100	72	69	89
5420324	101	90	48	59	82	76	91	69	89	94	72	72	62	66
50291	76	63	63	65	66	76	74	69	63	80	72	77	66	72
2340088	53	41	59	62	50	55	58	57	48	63	65	57	54	62
6840278	68	57	70	57	64	65	59	59	51	60	60	50	51	56
2060372	135	132	193	107	134	195	144	128	125	173	196	164	702	716
5720491	197	185	293	134	179	178	151	192	175	221	219	217	384	526

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
6770746	127	83	82	78	83	415	4739	1123	87	68	89	66	214	188
5670280	118	154	316	168	252	139	155	171	139	118	183	137	458	547
5080138	70	75	74	85	71	90	91	107	68	79	80	74	82	86
4760192	82	75	65	64	72	89	158	71	140	66	71	90	71	64
2650056	83	92	219	124	117	94	72	80	125	92	94	81	175	208
1850168	70	72	77	63	62	68	67	72	57	53	77	64	75	67
6770441	71	88	70	60	69	78	122	119	80	63	71	68	76	67
3060703	188	191	56	105	125	139	110	95	106	56	101	59	100	110
2810504	121	109	300	172	164	74	102	75	181	276	289	327	132	150
3170431	99	121	154	108	106	142	91	88	101	134	135	117	220	307
6660162	59	76	75	67	79	65	68	96	81	75	85	66	123	95
7150324	59	64	76	72	75	76	68	72	70	73	94	58	103	128
2810687	163	195	216	168	184	244	193	184	201	197	179	186	198	198
4490544	40	43	45	41	36	41	49	51	42	47	43	40	36	45
3990561	81	73	66	69	86	81	76	72	70	93	78	75	76	77
240220	46	64	118	43	43	48	46	42	39	53	323	169	197	383
6370754	44	44	37	42	45	39	49	46	45	44	38	39	46	45
3140349	49	69	73	72	62	64	70	76	53	55	68	50	54	61
5910612	71	76	56	52	57	71	72	60	71	67	67	76	56	64
4200722	45	36	45	48	41	42	44	47	57	50	45	39	41	41
6660368	42	40	52	51	47	52	44	50	46	43	51	47	70	62
4590477	76	77	67	70	62	67	85	95	83	74	61	70	148	147
1400142	72	76	88	67	70	66	76	63	73	74	57	65	62	63
270470	72	69	49	65	61	66	60	66	61	65	68	100	66	63
6900170	36	45	48	40	35	44	39	42	37	44	44	47	38	39
3170450	69	51	155	58	57	67	62	54	68	62	75	70	96	112
1450446	45	71	65	62	50	53	61	80	63	59	61	67	44	65
5670709	80	76	97	96	74	80	85	102	86	99	101	77	85	81
6770408	470	288	89	250	219	529	157	382	135	171	250	136	184	141
6290494	593	357	89	314	318	938	284	514	235	316	304	219	303	309
6020170	1382	677	201	571	531	1455	283	740	259	369	623	269	365	310
5490068	64	52	53	50	45	101	119	128	73	52	55	51	84	112
4540414	148	155	180	174	174	151	157	160	190	205	151	148	146	185
3780437	36	38	38	42	32	41	35	38	41	27	40	42	37	38
3520338	50	51	50	54	53	46	48	51	49	42	51	44	84	83
770682	78	107	76	78	80	87	85	84	76	74	61	80	540	253
7330367	56	62	69	75	71	12815	14008	14797	56	69	71	70	51	60
2370632	76	95	141	128	122	73	90	99	155	93	122	147	92	98
4760626	40	45	46	46	44	47	46	40	40	44	44	46	45	42
3180528	43	40	38	33	42	43	45	42	40	43	46	45	394	57
1230228	59	66	73	87	81	67	72	64	170	85	163	109	88	66

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbillical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
4150598	45	38	40	47	49	52	41	41	38	39	42	42	44	47
3060273	47	38	43	38	39	44	39	43	47	54	46	49	61	40
7200601	63	64	87	50	64	49	77	48	241	162	176	233	1434	993
7650026	135	180	251	128	137	81	221	79	500	359	403	525	3213	2501
1850315	85	66	69	70	81	69	77	68	73	81	69	66	70	80
2490070	79	78	80	60	65	65	72	70	75	73	62	69	88	99
1300240	70	69	79	74	77	70	81	69	80	90	76	80	85	68
6980762	44	42	47	47	41	58	147	44	43	47	37	50	12280	17989
7380670	217	90	77	142	147	154	92	114	83	95	90	58	765	765
5340220	44	38	41	36	41	44	41	42	40	34	39	36	42	37
6100360	47	53	55	43	42	40	40	45	50	50	47	47	316	56
3990577	70	61	65	69	76	72	72	63	55	91	63	62	61	48
1710692	59	66	57	44	59	60	83	75	74	49	55	49	61	70
1450468	52	60	63	67	65	61	55	63	57	57	59	55	58	56
6250040	196	208	171	173	187	196	188	192	243	236	245	403	287	342
5890170	49	47	47	44	49	52	46	46	48	56	45	48	45	43
2100296	72	67	54	60	81	80	74	68	66	57	59	75	88	85
3180681	58	51	50	39	53	56	46	45	60	45	42	62	68	69
7650538	43	39	49	48	36	53	42	42	37	44	44	36	106	113
4060438	58	57	138	53	58	63	56	54	627	88	168	189	160	166
1660767	111	53	154	51	62	51	47	51	86	45	65	78	52	58
1570309	189	168	76	131	146	101	128	136	85	73	118	82	69	79
4610669	317	409	97	552	249	155	173	183	110	184	213	108	67	64
1990731	62	74	61	66	62	57	65	62	68	77	68	57	73	67
7610441	91	88	65	67	78	69	63	78	83	86	84	77	65	74
5670129	46	58	58	51	50	48	38	44	45	45	51	45	52	51
7050220	47	70	66	58	68	58	62	62	60	61	52	49	56	60
3140131	53	47	45	51	46	46	39	41	40	42	45	46	50	41
4880138	187	47	38	394	384	45	46	39	45	300	47	40	45	42
5340458	172	110	73	85	121	150	133	157	121	97	105	113	105	120
580181	81	72	53	63	84	74	70	67	89	81	63	78	79	82
3940520	427	348	692	399	369	819	558	573	666	373	493	662	621	1187
4220326	68	67	60	84	71	57	66	65	54	70	75	66	80	68
2320215	48	49	50	46	48	47	51	53	57	45	48	51	117	127
7100541	76	96	87	82	80	84	70	80	67	71	64	75	90	90
3360707	51	42	48	37	48	37	46	51	59	43	45	44	51	48
3450286	46	70	62	64	67	71	73	43	69	62	87	63	91	74
840494	45	38	44	38	39	39	38	44	40	45	38	47	42	38
6770131	43	40	40	39	40	40	43	44	53	46	49	43	855	53
4610333	57	58	94	49	63	71	64	47	53	66	65	54	81	62
6350192	84	59	69	92	59	70	83	68	77	63	64	71	73	70

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
110189	69	52	86	79	58	60	63	64	44	52	49	64	69	57
2480431	71	63	68	55	56	63	53	67	64	59	47	64	62	70
450020	55	54	59	57	56	63	62	71	46	59	55	45	66	53
620202	83	92	109	92	85	127	171	173	76	94	64	74	81	63
3930379	129	96	214	99	94	145	115	98	107	127	119	149	164	168
7100431	69	75	80	66	67	96	69	72	64	61	67	80	112	100
5490301	220	240	305	187	201	267	108	87	160	243	273	259	441	471
3890601	59	83	75	65	69	77	74	58	62	60	71	78	77	51
1240195	37	42	38	46	38	43	38	40	40	42	39	39	39	36
4850528	70	61	64	67	59	70	62	68	64	57	83	75	63	63
2650075	44	45	54	48	42	43	44	45	52	38	45	48	48	46
5900608	71	71	78	70	63	72	83	70	67	68	75	60	74	64
20112	51	56	49	53	50	48	50	50	61	46	54	59	52	43
2900064	76	58	75	69	54	63	67	66	54	84	71	53	59	70
4850070	63	62	53	47	55	50	71	50	68	38	48	51	52	46
1090451	64	87	83	58	66	73	89	69	106	75	80	67	66	70
3420554	996	642	92	529	381	1163	573	825	99	296	440	124	51	73
2970370	49	53	60	46	53	47	52	56	52	50	101	129	80	114
7570753	45	55	109	49	51	55	52	50	132	66	159	320	110	95
6290008	44	39	39	37	46	39	41	44	80	40	66	117	104	147
1510014	374	311	551	237	276	398	221	290	346	359	443	349	420	376
7200609	72	97	82	94	78	119	76	77	91	77	75	78	71	83
520176	47	58	49	44	45	69	51	46	75	40	41	45	51	42
4210678	80	66	73	68	82	86	125	82	84	85	98	89	93	77
7040019	42	38	35	39	38	45	42	37	42	40	36	42	41	35
110347	159	109	76	140	129	136	199	202	87	140	157	108	143	136
4120427	53	52	57	54	48	55	56	54	54	63	49	62	54	53
1260762	71	63	70	67	47	65	59	67	58	61	65	64	65	65
1510332	69	67	63	82	64	68	70	73	66	61	65	72	72	60
3140373	50	42	40	38	46	46	41	41	40	42	39	41	40	43
1580437	41	41	42	41	37	46	39	50	40	37	41	41	54	44
770739	73	88	103	94	75	96	62	71	59	80	76	85	71	79
1050168	40	37	36	50	45	121	351	41	43	44	46	48	119	202
3310093	146	144	242	140	117	284	189	197	183	130	170	177	180	155
1570039	139	117	181	111	103	137	96	59	161	235	376	371	862	1380
6200168	165	158	63	131	132	158	164	181	94	131	92	98	238	261
4010519	54	179	62	46	52	54	47	59	50	42	54	48	8506	12142
2480424	86	95	88	93	72	190	228	258	56	78	71	58	432	237
3850064	221	152	168	258	226	265	216	257	160	265	177	147	178	217
3450332	47	55	60	59	45	48	60	55	57	61	56	60	46	60
4780139	57	62	70	61	73	1066	2236	1079	70	49	63	70	91	103

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
6330187	61	73	41	61	72	71	73	76	72	91	58	53	110	101
6840739	77	103	85	81	72	70	69	90	68	84	74	64	82	81
6420687	69	58	75	69	54	66	69	78	67	55	83	72	61	58
7150132	325	253	168	362	320	329	167	193	262	513	482	406	737	749
5810253	304	252	181	202	220	458	176	328	161	170	166	149	227	179
2710452	48	41	46	48	53	47	34	42	44	47	43	47	92	75
7400598	79	77	82	77	80	77	86	79	69	71	64	76	70	69
770615	53	50	52	45	32	45	48	43	41	50	45	47	40	42
290136	61	51	59	58	50	50	50	46	64	58	60	55	64	64
6450746	38	45	48	50	43	45	37	56	44	48	50	47	47	49
4250626	127	92	179	123	106	116	122	87	79	216	97	104	258	302
5390474	41	41	51	34	39	53	41	47	44	45	48	42	44	58
4480301	69	55	55	60	65	55	59	51	55	52	43	48	58	64
2690519	55	61	58	46	50	60	62	63	57	61	47	53	53	59
2260615	463	424	284	429	485	437	307	312	360	574	517	376	778	801
4780373	68	72	125	62	66	70	69	72	73	75	66	67	80	83
6330593	54	57	92	47	54	51	65	54	89	47	221	512	195	196
940646	51	75	62	59	72	64	60	60	66	65	86	126	85	86
6900414	59	76	82	57	79	80	79	78	84	123	94	318	924	653
6400465	52	52	39	35	40	44	45	48	39	42	48	48	217	214
3850603	94	74	75	74	65	84	90	70	76	118	113	93	74	89
2350132	33	35	47	46	50	39	44	41	46	64	61	40	48	46
130754	40	40	40	42	48	49	55	46	43	58	48	49	98	98
1510291	5158	4444	578	3447	3218	3067	3051	4232	312	1245	1919	532	206	158
5960224	2080	1944	243	2312	1653	1213	1203	2158	146	697	1117	277	100	88
5490689	67	59	60	59	70	60	64	63	59	71	55	72	64	77
6400603	49	39	39	37	45	45	35	49	42	49	50	51	73	69
1410603	81	133	159	116	127	83	106	98	96	115	113	93	205	215
2760239	46	44	47	52	47	51	46	45	59	52	57	57	65	69
450132	177	143	170	137	142	165	126	127	145	116	101	121	322	347
3420372	60	48	45	50	54	62	57	69	75	61	56	48	80	80
1300187	99	99	98	91	91	157	157	155	143	137	78	97	198	226
3610170	74	67	75	72	72	69	64	68	80	60	66	63	64	73
6350475	68	70	70	75	67	75	65	57	59	63	83	76	62	69
6590438	51	47	47	52	44	48	44	47	45	43	47	47	50	44
1260722	53	54	46	60	56	49	63	47	56	50	63	55	54	63
4010592	81	77	61	58	53	76	58	56	53	60	63	60	63	39
7160739	57	55	65	69	64	57	78	75	66	64	57	67	65	64
2650370	390	481	333	401	463	606	734	855	299	673	559	672	620	633
2570220	129	133	176	174	138	87	137	165	256	123	171	149	299	252
3930372	65	63	59	54	72	64	68	65	60	82	68	59	71	67

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
7560497	51	45	49	48	55	46	44	42	52	42	49	42	52	57
1510424	42	41	51	44	45	47	552	43	99	38	45	47	62	41
130338	47	57	61	51	55	53	49	48	55	58	50	49	66	64
1690563	103	55	95	49	59	52	60	50	45	47	49	52	1128	590
4050291	44	38	40	41	44	49	47	36	43	48	42	42	52	43
3710022	47	46	47	45	49	53	49	41	42	46	46	52	128	73
2350482	76	62	67	68	80	65	66	73	63	72	65	81	66	57
5050270	59	64	101	74	62	125	115	174	100	64	80	92	74	76
3850767	53	55	41	44	46	91	71	64	60	42	44	58	236	221
4900520	232	154	118	145	145	125	118	89	154	119	125	1684	75	69
5260343	296	529	846	505	572	59	59	48	319	412	122	464	414	1209
520370	60	64	77	86	59	58	67	87	52	65	72	61	4787	365
6840154	44	41	44	35	42	41	66	37	41	48	44	36	284	329
3130706	73	75	78	70	68	70	67	66	60	72	70	75	7105	1025
3990278	44	39	44	38	45	35	43	40	36	36	41	38	40	44
4890021	57	46	55	50	52	195	363	136	46	46	46	47	129	134
5720379	91	83	93	88	65	81	111	83	79	71	72	76	239	379
5700441	49	51	52	57	51	51	57	50	50	45	47	51	102	104
6770333	44	51	56	45	51	51	50	43	52	52	43	49	135	42
1050563	50	48	52	45	47	44	49	52	46	47	50	48	44	46
830095	42	42	46	44	42	37	39	40	37	39	42	39	44	35
450246	66	76	92	60	72	82	78	64	84	63	79	77	63	57
2970112	74	80	89	64	79	88	79	65	61	77	90	60	66	78
1710356	69	59	62	64	64	59	68	55	52	80	63	66	64	54
510561	46	41	45	50	49	49	61	62	45	51	42	44	54	50
5670082	50	51	69	60	51	49	54	51	58	45	48	46	67	59
730093	44	43	40	40	41	45	47	45	41	38	41	38	42	37
730148	81	68	91	76	75	21924	21084	22716	79	65	70	62	82	78
4220053	53	53	42	50	64	42	43	47	49	42	46	44	124	154
270301	59	74	56	58	55	67	70	62	55	61	64	48	69	62
2070372	75	78	81	85	78	67	61	71	68	74	80	74	67	70
1580653	72	79	92	100	80	75	79	88	91	94	80	85	69	70
10066	52	59	54	45	46	48	50	52	50	56	48	39	44	56
3120286	58	63	52	53	50	54	59	54	58	46	45	49	86	101
6480450	55	47	45	45	44	39	44	37	59	55	49	46	64	46
6650152	53	61	78	79	60	59	59	56	54	77	69	56	54	60
2570672	42	42	43	49	40	45	40	40	44	52	42	46	1271	246
4670138	52	48	55	57	52	49	42	51	51	48	44	54	105	73
20609	68	83	50	65	78	63	75	77	61	51	83	97	167	142
4480390	42	43	41	44	35	38	41	36	46	42	40	43	41	46
7380152	295	308	223	299	242	407	312	369	558	272	441	305	376	417

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
2810762	69	54	57	62	55	2043	3426	1841	60	51	65	67	69	57
1740692	72	65	60	67	62	803	1315	724	59	80	68	55	62	66
2450452	574	359	256	526	591	389	421	432	135	219	275	151	1441	1153
4850576	40	37	37	40	43	44	37	41	38	43	44	38	42	38
510133	164	137	209	111	130	165	149	123	144	198	228	201	859	728
2640598	60	72	60	90	65	66	59	57	56	60	56	65	67	71
6330730	825	1196	2898	1266	1442	1727	3637	2595	1208	682	1829	1079	1155	683
4560228	54	64	65	74	56	57	61	54	63	65	71	67	63	55
4610201	274	197	174	167	185	93	106	108	105	149	123	93	94	95
6510156	149	207	194	217	204	68	74	63	110	141	94	118	252	177
5390767	62	60	64	77	56	66	54	53	53	52	58	47	57	60
5490465	69	75	76	59	72	57	59	59	61	61	67	67	70	56
6960438	67	62	86	50	60	69	56	54	68	62	60	60	80	72
4060025	60	52	60	66	63	64	55	51	66	67	65	57	74	73
4850711	145	111	109	120	97	71	81	92	103	111	99	117	91	80
3990497	338	229	192	212	200	339	188	126	199	501	485	335	323	296
4200711	108	101	75	79	125	70	80	69	85	90	74	73	82	78
3180647	62	71	98	69	62	57	61	76	71	66	71	81	88	78
1090196	86	79	67	91	84	64	59	63	43	51	60	53	41	42
5260280	84	72	117	75	81	67	52	67	71	84	73	63	95	94
6290091	203	149	152	174	153	141	109	115	131	151	152	165	387	219
2710687	182	165	77	174	196	68	59	63	86	127	228	119	75	86
6270731	65	57	69	55	75	53	62	69	48	58	61	54	69	62
3840091	113	84	82	82	90	84	90	73	82	81	76	88	107	78
2510164	204	155	308	187	164	112	155	2386	136	85	93	110	467	387
580161	118	98	188	80	81	69	98	766	88	59	64	66	368	308
380685	261	162	353	271	184	77	128	1867	136	81	92	115	813	347
4210044	85	66	75	66	68	71	70	59	69	56	62	67	75	79
2450020	65	68	58	55	70	81	59	85	77	61	55	61	65	63
20543	65	68	62	61	67	51	57	69	72	68	67	68	65	63
4390044	75	75	55	68	63	73	57	59	56	73	62	62	48	64
3870156	64	60	61	67	63	63	59	57	62	58	64	43	63	64
1850273	91	74	80	89	72	73	57	66	74	109	82	75	91	81
3310037	55	55	51	41	53	45	45	47	46	49	42	46	53	45
3370736	201	286	202	304	254	356	379	327	624	453	224	517	595	860
5310368	45	47	41	44	47	41	41	50	50	43	47	44	41	43
160433	46	41	36	46	53	44	46	48	42	49	52	42	46	44
2070735	153	130	130	122	138	249	166	117	144	167	223	177	311	310
3710711	194	171	357	165	186	346	182	166	194	345	454	203	502	565
6860138	56	55	67	60	71	67	64	60	57	72	73	61	73	58
5340692	82	67	57	85	78	98	89	101	83	64	56	61	170	155

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
270347	91	83	85	66	101	67	81	41	117	129	157	177	234	273
2690577	52	53	46	41	52	61	50	57	53	47	55	53	87	95
870475	67	55	76	68	65	107	60	79	64	82	75	73	109	111
540014	51	53	80	68	59	48	55	59	76	65	63	63	64	68
6040433	44	41	36	31	51	51	61	43	40	45	45	47	53	45
4810730	68	73	65	66	62	66	69	54	58	70	73	65	74	83
3180639	42	43	43	40	46	38	43	41	43	44	36	39	37	35
60017	59	57	65	64	72	68	62	76	49	63	69	67	58	71
3520768	45	183	41	45	46	41	37	39	51	62	69	71	38	44
4280192	75	56	72	55	63	74	71	64	66	59	58	55	68	81
770255	71	64	63	65	73	65	78	69	64	66	73	64	72	84
1770603	36	41	39	40	41	48	118	59	39	34	40	39	106	78
1410192	58	94	74	68	94	74	84	85	81	74	87	75	81	98
1230672	47	46	46	46	45	39	47	47	51	47	42	40	2369	123
4040632	60	60	61	63	63	63	66	69	58	78	63	61	84	73
4730376	44	44	46	45	46	37	39	39	48	48	39	43	55	46
4900634	43	45	44	39	42	41	39	44	77	44	46	42	39	40
4290209	92	107	105	85	72	234	180	447	80	79	100	69	172	158
940674	45	44	47	54	40	47	39	41	46	40	42	45	64	66
3360762	69	66	95	86	99	120	96	114	80	118	115	78	81	85
6180750	39	41	39	43	40	43	38	37	41	42	36	40	46	38
2320168	46	46	38	41	44	36	46	48	46	49	43	49	59	46
6980470	40	45	42	37	44	45	37	41	44	46	44	40	140	84
2640301	53	46	45	45	45	38	45	34	40	48	46	58	86	62
6100484	59	63	63	59	61	70	74	78	60	66	74	54	116	187
6060376	115	81	284	97	93	75	89	69	99	91	69	60	224	181
2570161	96	63	76	100	87	104	136	117	76	71	84	86	232	267
990441	47	42	40	40	43	51	44	47	50	47	46	42	53	48
4730564	188	180	90	151	177	240	199	252	200	184	180	149	136	135
4890092	114	78	69	60	73	97	88	106	93	79	85	88	109	111
430300	63	54	75	69	66	62	77	60	87	68	70	54	52	65
3850326	42	41	40	34	44	40	52	43	41	44	47	46	45	37
2030709	83	82	78	87	70	84	86	86	71	76	88	106	69	63
5260253	45	48	43	56	45	10755	11425	12868	46	39	40	38	44	46
6040731	86	40	51	56	52	14008	14681	16302	38	46	41	48	45	43
6420605	73	70	78	76	68	67	91	65	66	85	85	76	222	86
4250367	63	70	66	61	76	65	81	67	62	76	59	68	122	107
3930086	425	437	511	421	449	672	471	585	615	771	783	844	775	827
6580059	124	101	44	110	121	62	50	62	45	89	93	67	321	167
1070088	63	53	64	53	56	49	57	63	50	70	54	60	54	53
6370703	42	38	39	41	42	50	43	43	47	40	49	46	38	40

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
6860392	48	75	60	75	81	65	62	72	68	64	64	68	73	148
2190408	57	54	49	51	54	48	69	58	58	54	49	54	50	58
3390215	62	58	54	73	60	84	60	87	68	70	68	61	48	64
7000619	62	63	63	55	57	64	65	65	80	59	67	69	119	115
5420189	45	43	42	43	34	45	41	44	42	43	39	41	52	68
5570181	60	59	68	59	57	70	68	59	70	61	61	56	65	70
5810730	39	38	41	38	41	40	40	46	40	42	38	41	42	41
5900228	61	58	57	63	60	104	111	75	60	59	68	63	61	44
5360601	78	92	85	92	101	73	79	86	58	75	87	87	80	79
7610524	50	70	52	66	49	76	69	69	62	57	67	48	62	58
2850619	219	400	67	142	122	3288	185	236	75	77	90	77	74	69
3130372	53	46	57	52	42	50	46	50	39	52	43	47	48	43
5910414	46	49	49	49	49	50	49	40	40	42	52	44	48	45
5870091	52	62	68	59	56	62	64	66	67	59	63	60	51	51
1090008	48	32	35	63	70	33	37	42	91	38	48	45	42	42
70451	73	82	104	62	79	73	67	71	77	88	85	88	325	292
3710026	71	61	47	63	52	60	58	63	44	75	65	50	44	53
4260286	78	97	88	89	93	84	66	81	82	83	99	88	74	78
2810451	45	45	36	43	39	50	95	62	47	44	47	33	50	42
5700431	162	127	122	128	111	172	92	106	112	133	149	147	161	206
1240746	86	77	68	72	79	55	62	69	77	72	73	71	68	65
2710343	51	44	49	52	41	42	51	40	44	53	48	47	53	55
6840202	63	56	59	43	50	71	63	65	58	52	65	60	106	77
6940431	61	62	51	54	56	70	76	60	55	61	50	57	69	71
4490743	47	62	98	59	52	62	53	66	55	70	62	56	53	52
4810632	68	52	55	67	58	57	69	62	70	68	68	77	60	55
5220753	68	58	68	80	63	61	86	73	60	69	70	54	66	57
6200091	73	60	64	63	69	53	53	65	66	55	63	61	69	55
2690279	46	49	52	42	50	45	48	44	38	43	48	50	83	56
6590523	56	51	48	50	53	49	50	45	56	54	80	74	136	128
670414	55	44	64	63	53	49	53	51	53	50	49	49	52	60
4490288	47	96	44	40	49	37	44	47	151	37	41	42	45	45
6580717	38	37	41	40	36	43	45	45	118	42	39	53	156	209
5560411	149	142	155	124	142	139	181	128	231	135	156	159	163	253
1170154	128	111	68	110	114	102	109	82	116	103	134	123	129	134
3290152	102	79	71	70	78	68	83	93	122	91	90	114	111	138
3310592	614	568	3208	1204	788	816	450	484	735	1573	2121	1173	2771	3183
3450750	960	967	4931	2210	1447	1554	798	644	1609	3774	5153	2854	5380	5428
3400070	166	173	194	142	158	166	151	145	237	161	211	244	234	272
20603	174	199	231	172	189	262	217	203	191	240	237	174	383	376
6580113	61	66	85	63	44	53	76	57	60	141	58	52	50	63

ProbeID	[[114], HUMSC t (Human Umbilical Mesenchymal Stem Cell), MBA_2186	[[115], HVMSC t (Human Vertebral Mesenchymal Stem Cell), MBA_2187	[[116], HMF t (Human Mammary Fibroblast), MBA_2189	[[117], "HUVSMC t (Human Umbilical Vein Smooth Muscle Cell), 10 µg", MBA_2192	[[118], HUASMC t (Human Umbilical Artery Smooth Muscle Cell), MBA_2193	[[119], HEM t (Human Epidermal Melanocyte), MBA_2116	[[120], HEM-m t (Human Epidermal Melanocyte-medium), MBA_2117	[[121], HEM t (Human Epidermal Melanocyte -dark), MBA_2118	[[122], MSC-2 P4, MBA_047_R	[[123], Testis CRL-7002 (Hs 1) P6 (fibroblast), MBA_1898	[[124], Ovarian Teratoma CRL7826 (Hs 38.T) P6, MBA_1897	[[125], Ovarian Teratoma CRL 7826 (Hs 38.T) P6 fasted, MBA_1899	[[126], Breast Within normal limits, MBA_2252	[[127], Breast Within normal limits rep2, MBA_2253
5870008	60	76	60	80	70	65	61	64	68	67	61	67	173	89
7050201	64	61	58	69	64	62	58	63	65	57	66	62	63	67
150735	66	57	49	54	66	51	58	54	58	59	57	70	60	60
510066	77	73	75	81	68	70	53	64	68	68	70	105	67	67
1470162	75	99	71	103	77	77	69	69	53	70	60	79	74	68
3520168	1027	367	97	183	128	1472	3379	1490	282	139	206	101	95	78
1980538	58	58	72	82	64	79	86	77	73	77	65	71	62	74
5820026	76	112	117	83	72	78	65	64	88	111	142	123	72	67

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
4850086	47	148	546	47	77	50	56	62	51	47	42	48	59	245	76
6110592	140	66	134	62	56	78	69	107	75	56	64	169	148	46	226
3190082	50	54	56	53	66	53	46	48	58	47	51	59	56	55	56
1450100	45	47	48	42	39	44	57	55	44	43	40	52	46	47	49
5490382	39	50	41	73	57	44	43	51	44	47	46	38	45	45	40
3520709	86	81	78	78	86	82	80	65	1332	107	65	74	65	88	74
3120681	42	40	43	42	39	43	48	544	40	37	48	47	47	60	47
2030161	59	58	62	78	64	55	68	341	66	65	66	63	61	63	64
270709	79	57	61	66	52	76	61	220	81	71	70	92	70	67	73
2320377	45	39	44	40	36	44	43	40	39	42	44	41	44	51	39
1260270	176	73	73	68	85	85	129	222	107	113	947	71	101	86	83
2760274	104	128	50	54	50	46	53	47	195	206	49	51	109	54	48
2650736	51	43	46	42	48	43	43	44	50	46	42	46	43	48	49
5910010	127	78	81	70	73	84	69	1303	61	73	90	72	83	10335	89
5310524	100	135	113	235	148	114	95	133	104	118	138	117	92	79	153
3780156	39	47	45	44	50	45	51	44	44	47	41	39	41	45	40
1050561	72	70	62	79	63	74	69	349	72	68	68	74	77	78	71
2480040	45	48	41	40	48	40	37	47	41	40	48	49	38	47	39
5910309	46	42	38	36	41	32	40	42	37	42	42	38	35	33	40
5810050	139	137	192	170	167	139	106	223	155	93	408	149	66	106	107
1030184	102	61	64	59	44	45	42	45	46	54	56	55	56	65	47
3460279	44	42	47	49	34	52	45	53	55	54	42	50	55	55	53
4570364	107	74	79	384	74	75	78	119	62	70	74	103	80	75	83
6380020	80	63	60	70	53	77	67	149	67	66	94	82	65	158	64
3780468	73	76	63	77	69	53	42	70	54	70	58	51	51	69	59
240541	50	65	46	42	308	41	56	58	52	59	46	44	49	49	48
2630010	57	60	51	72	65	67	52	99	64	67	54	55	53	50	58
1740669	45	37	34	34	38	61	73	55	43	42	39	40	34	57	34
2340577	46	49	37	43	52	63	56	46	45	46	48	44	52	44	58
1850521	54	72	65	73	73	61	51	77	52	49	43	57	65	71	69
2650594	98	75	77	52	96	106	153	105	63	67	387	41	90	41	57
130110	50	60	59	50	61	82	93	82	58	64	52	77	61	51	52
4830376	53	68	51	53	66	51	54	46	46	50	50	43	50	53	63
7200435	331	163	273	53	84	85	96	89	143	100	106	134	204	74	274
6290239	74	291	73	104	118	192	91	2020	91	91	90	64	84	266	202
2480241	161	313	199	243	166	168	199	231	168	163	210	259	188	125	129
5080561	293	329	226	210	182	142	127	143	334	298	285	130	185	61	222
1770253	43	40	44	42	42	41	45	42	35	42	39	49	41	41	54
6280440	93	58	44	44	45	45	41	55	48	59	56	45	64	37	128
3450347	46	70	50	47	43	46	38	46	41	50	63	45	48	47	41
3170100	47	69	49	40	77	58	57	70	156	145	57	364	118	40	77

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
2600554	60	54	74	63	74	63	78	64	57	66	91	72	62	72	70
2510253	127	82	105	80	81	133	117	139	178	130	83	247	132	118	270
7570477	178	236	399	572	335	242	219	230	180	197	586	151	181	81	128
7510424	296	341	554	923	564	359	394	465	265	338	1065	198	261	255	225
6040452	74	99	68	58	65	65	64	81	81	114	60	57	72	53	54
1850068	95	125	145	200	96	100	137	135	140	122	136	102	108	91	96
6110440	76	73	63	66	71	65	64	63	75	60	74	72	75	73	58
6960035	48	62	58	39	56	46	43	50	64	42	38	41	48	41	41
7050215	42	57	40	48	43	104	54	54	71	86	48	46	49	46	47
1710242	313	221	253	288	266	268	276	267	181	171	435	174	230	194	189
4890670	73	67	66	77	59	69	70	79	76	90	71	78	80	98	87
4540468	55	66	80	60	62	57	51	78	56	55	63	215	55	56	74
6510360	112	93	161	133	263	122	203	202	133	155	242	244	126	317	269
6110102	73	72	76	45	88	628	196	70	72	88	120	92	59	62	65
6110152	50	45	46	115	45	52	48	78	54	44	47	42	46	58	42
2490044	91	106	99	119	136	108	120	101	98	104	116	97	89	122	101
1070224	43	49	58	62	67	45	47	46	39	41	45	44	45	51	52
2070377	69	54	77	65	72	88	73	74	69	60	57	85	65	58	60
2000128	48	92	3493	70	45	2084	3649	53	42	43	54	41	40	46	39
6100241	262	38	46	37	46	38	38	160	62	41	616	41	46	44	39
6420689	62	616	51	59	58	69	71	71	1993	2985	62	57	72	66	55
6060347	57	53	41	57	48	55	52	49	47	56	57	39	48	51	50
6040156	67	67	107	97	79	80	83	86	66	83	81	77	80	70	85
3870593	61	74	67	71	69	83	77	74	74	68	53	71	75	113	62
3610180	44	40	54	46	49	47	46	46	44	34	43	45	45	46	40
6450403	49	39	43	42	43	47	64	44	42	36	40	50	41	34	41
4260280	65	92	135	68	76	598	223	76	56	59	60	81	58	70	88
6650215	115	95	221	78	91	849	355	106	136	126	69	97	80	103	106
2190139	10157	38	33	43	131	47	65	42	42	51	36	38	35	39	36
4850170	43	90	45	44	46	52	49	43	53	52	40	34	54	39	45
5310343	47	45	42	42	43	49	50	43	44	48	51	47	43	46	59
3710176	88	79	128	73	84	336	197	62	82	52	95	141	76	73	79
1450671	135	89	93	92	93	110	110	122	101	83	353	84	318	126	84
3830598	113	46	58	53	48	53	51	50	113	73	51	71	48	58	75
3830170	140	170	143	219	121	149	172	168	161	165	304	159	152	134	265
5340348	106	63	64	75	62	135	378	66	106	91	402	66	92	79	64
780356	59	61	50	54	97	75	73	70	45	63	121	59	47	61	58
5360070	222	94	79	59	65	50	82	61	185	152	457	65	48	47	74
6250672	90	106	118	81	75	125	67	103	80	88	54	386	234	628	344
580100	151	82	74	56	117	88	146	106	114	101	179	66	85	54	55
7210136	353	44	58	64	48	52	62	479	49	49	2100	45	40	54	66

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
1170671	242	122	171	52	87	257	273	510	157	123	1900	70	208	57	112
1580411	192	112	150	45	90	225	235	366	136	133	1812	56	177	61	87
20129	625	163	457	100	218	2957	2910	1472	282	150	4827	113	266	169	237
4220068	78	58	74	67	65	81	96	76	95	88	116	73	74	152	79
3940504	892	94	108	75	92	233	165	2119	119	85	3921	83	90	139	183
770167	798	187	160	84	156	138	153	680	135	120	3383	88	206	227	173
4200451	55	36	48	47	36	46	46	39	54	59	75	45	44	53	46
3460152	54	59	47	31	44	39	41	46	51	55	87	42	46	37	40
2940398	65	48	51	46	45	47	44	47	72	61	102	64	39	48	45
2260424	67	77	73	73	65	69	80	65	55	62	67	61	62	67	117
1260025	310	283	381	271	316	304	215	333	266	285	533	403	273	316	299
5260014	123	68	55	62	64	60	90	76	114	102	321	46	49	47	45
2360632	1303	160	65	62	46	149	89	59	750	1036	80	54	59	79	62
6350437	67	56	52	57	61	52	46	48	47	53	67	71	48	46	45
4920019	65	64	65	63	74	69	68	62	62	77	84	71	67	70	80
7050053	53	63	70	59	73	59	62	59	77	83	67	65	93	58	63
2350730	62	56	74	60	59	83	55	56	60	59	71	67	70	50	66
6860446	84	88	96	73	62	78	66	79	82	78	82	74	92	90	80
6840609	74	68	66	66	72	74	77	65	62	71	63	64	71	144	66
5270022	45	53	47	55	57	42	53	47	46	52	53	43	57	48	55
2650484	39	48	41	42	49	38	45	43	48	39	35	48	49	45	46
5550372	70	77	75	68	68	70	68	68	70	75	70	77	68	95	82
1580487	252	134	140	98	221	180	221	203	158	253	324	284	251	115	171
6420356	90	47	52	1264	48	47	42	189	53	48	43	43	43	421	121
5290711	39	44	51	75	48	37	43	39	54	43	46	72	48	49	75
780528	290	180	268	607	98	248	417	175	391	384	813	111	223	93	244
5670722	9210	69	54	80	58	64	53	73	66	85	61	75	66	90	64
3780291	496	289	317	335	325	204	158	404	162	118	525	242	279	153	185
2650673	50	45	49	45	49	51	40	46	38	43	48	39	46	50	46
7160376	62	62	58	59	93	67	71	61	55	73	71	64	100	88	87
6370414	137	47	41	40	66	66	83	168	60	52	491	65	62	52	54
670398	73	70	61	82	63	88	90	69	81	81	81	78	80	92	68
10187	126	187	290	212	173	179	279	190	93	69	421	189	193	126	290
6100139	48	46	43	53	63	55	46	57	46	47	48	48	47	51	55
3390372	62	88	66	144	52	58	63	77	131	144	47	50	148	48	76
1450392	41	57	47	56	106	44	60	43	52	51	44	85	53	44	49
4010136	57	72	54	96	85	59	63	50	47	56	49	66	61	64	56
5390113	525	157	343	97	149	246	467	315	158	131	1770	80	184	153	166
580754	46	45	39	42	41	39	45	45	43	37	46	47	40	47	42
2260445	50	61	53	66	59	63	70	64	66	57	58	68	49	70	57
1170047	1178	1335	1835	550	2420	4043	3839	1653	1365	1252	1698	1743	1638	244	208

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
5860048	184	119	104	111	137	103	160	397	114	117	765	101	120	62	80
360296	103	159	267	162	70	91	181	78	115	135	74	67	96	67	89
540685	65	51	53	52	54	73	61	63	46	59	57	41	59	69	54
4280440	88	59	66	78	69	70	90	78	73	80	83	80	83	215	105
3830202	48	55	52	51	39	43	50	41	46	52	45	87	46	49	43
4010095	44	45	44	47	43	41	46	51	46	47	47	58	43	44	46
6900377	42	43	45	37	42	37	41	45	38	42	41	54	42	44	43
7650739	58	84	64	56	62	70	71	66	72	66	73	64	68	72	82
3870608	236	290	264	303	304	353	440	271	207	237	245	344	188	368	216
6370541	37	46	54	43	43	48	111	39	48	41	48	89	120	41	121
5860674	64	52	61	69	61	84	58	80	65	57	73	65	62	88	62
5820551	73	60	72	65	64	88	76	80	79	59	60	75	67	83	68
7510128	88	50	70	74	63	86	81	78	70	69	68	61	61	91	76
1230603	63	68	71	71	78	86	75	78	70	78	77	76	80	73	73
2710504	38	46	37	41	39	40	40	46	42	43	41	41	37	47	49
5220196	277	281	238	228	257	175	151	241	220	322	329	240	264	76	250
620041	41	45	39	45	43	48	42	39	41	37	47	48	43	46	46
6580626	70	139	116	375	100	221	163	150	72	84	123	208	158	61	66
2100711	59	62	57	62	68	72	63	68	58	46	74	87	67	63	59
2260274	45	46	74	43	48	49	57	89	156	140	54	83	257	60	105
4850746	57	62	54	66	61	66	66	72	52	64	61	44	55	56	60
7380678	420	33	32	40	36	52	46	988	40	42	37	35	40	185	44
4890750	118	184	116	84	170	85	99	86	87	91	105	106	97	240	75
5960672	522	630	477	601	829	537	495	737	525	439	936	533	397	836	657
870477	52	66	65	58	408	78	176	66	51	63	82	47	42	71	66
2230341	74	108	74	72	67	62	70	143	79	73	77	81	80	70	69
1770497	66	88	64	48	63	56	50	93	58	62	63	63	62	78	59
5550553	89	84	89	68	65	64	63	87	60	63	85	82	103	59	172
4890671	67	66	70	271	61	68	52	69	62	65	66	58	4200	219	66
20192	181	171	131	159	157	133	107	150	251	225	143	129	129	80	147
5900017	49	37	34	41	54	46	53	51	48	49	53	40	36	35	40
7040100	43	79	44	43	45	40	49	51	461	200	37	41	75	44	40
6220209	218	97	59	43	51	1473	1452	50	57	48	47	52	47	70	48
5570703	53	67	54	54	57	65	59	43	58	76	74	53	57	69	61
1190091	97	64	61	84	104	101	60	394	83	65	68	67	50	74	84
2370768	41	40	40	35	49	41	44	37	53	40	38	91	42	41	40
6420736	189	105	247	337	108	83	83	141	117	115	75	69	85	347	166
2450411	178	87	207	287	99	64	75	130	114	101	49	62	87	281	138
5720465	231	117	235	346	141	94	105	167	108	123	76	89	99	370	166
450736	86	70	70	81	66	84	66	69	89	74	83	65	77	84	77
7550086	36	41	38	91	41	37	41	39	43	31	40	46	39	38	38

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
940746	57	52	41	38	49	46	46	44	52	47	46	47	48	60	53
4280132	59	53	48	69	51	50	45	60	63	57	51	59	46	56	59
4280504	49	48	41	53	37	43	56	45	55	47	42	53	47	48	44
6330553	372	224	257	134	216	163	241	206	320	254	331	203	385	227	197
2100743	926	842	762	331	546	361	576	544	716	717	849	420	525	763	258
6560523	298	210	207	146	205	121	233	170	216	237	311	171	200	248	133
5340338	425	106	94	65	85	87	90	88	316	288	657	76	68	70	69
6650196	201	123	213	204	129	124	143	254	145	104	425	233	155	218	230
6350204	51	68	61	71	77	71	72	68	66	76	69	69	70	86	73
1170605	232	158	160	128	145	217	180	182	143	149	321	273	306	463	429
670333	191	740	72	37	42	46	39	41	146	59	43	605	42	91	66
1410240	187	806	49	41	47	47	36	40	94	47	32	420	38	64	64
6370356	182	65	60	62	71	73	55	87	128	84	73	51	379	222	342
2510356	46	48	47	39	46	60	76	55	40	45	66	37	44	43	52
5270468	45	42	46	51	57	49	62	49	52	47	49	51	52	41	46
1030209	39	34	33	35	37	61	104	48	47	41	36	58	43	41	33
4200437	287	316	397	423	347	396	276	298	851	166	350	318	308	206	421
830543	46	47	53	47	51	43	47	42	42	45	34	40	42	49	39
5690112	53	49	58	78	64	52	60	64	55	54	52	146	56	436	58
3360095	91	1927	1988	269	193	105	104	133	97	94	120	105	192	73	140
7040678	52	51	49	47	48	46	46	45	57	39	42	47	46	46	55
4200541	415	199	445	638	198	454	228	429	170	184	1451	147	315	188	173
2370646	41	76	42	74	52	48	46	45	50	44	40	69	45	48	51
5130100	50	35	41	42	43	49	42	46	46	40	49	81	40	39	51
1660243	42	42	65	42	48	40	39	50	39	42	45	46	44	43	44
6220307	366	78	60	59	107	84	118	64	66	65	67	63	67	66	60
3460446	169	83	74	78	71	95	86	107	124	130	107	84	101	128	151
2940403	533	480	1613	983	230	403	604	664	445	456	666	399	610	445	693
1580215	163	106	115	75	95	106	93	86	112	131	94	97	99	91	86
130463	4941	291	73	67	107	78	63	97	125	175	57	3330	96	68	176
4120703	48	48	40	52	44	52	42	50	48	48	83	47	49	45	40
6980367	53	68	54	57	61	872	712	103	57	46	62	60	52	67	51
3180156	74	67	54	62	60	59	45	61	69	65	118	50	50	77	68
3780193	336	43	47	38	43	54	53	334	44	49	979	40	40	41	57
5130255	50	38	47	46	42	68	206	96	48	36	43	45	42	42	41
2850703	78	75	58	63	77	152	451	244	73	59	74	64	51	51	59
7400072	71	71	66	54	69	120	341	173	77	73	63	78	55	60	75
7210240	68	68	70	68	73	74	81	195	69	69	61	65	63	72	69
5270619	294	182	175	104	240	691	328	456	237	157	1472	188	350	598	148
2030451	41	41	45	43	44	46	47	40	45	44	44	41	47	45	39
10504	57	42	42	40	445	159	107	49	54	54	46	49	72	42	40

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
2230008	52	36	49	39	35	729	2843	94	43	42	36	41	34	42	38
3180025	37	40	46	49	38	103	391	42	41	45	43	40	39	39	40
2480228	67	51	167	83	96	71	62	89	64	81	60	72	64	3689	64
6110022	96	70	133	74	87	74	62	97	66	67	71	78	79	2666	59
4290014	416	243	365	195	382	254	225	290	342	328	488	355	307	230	288
7550368	81	97	152	176	86	171	80	140	108	106	96	83	113	244	374
7000575	105	75	111	67	62	390	203	71	76	59	64	73	76	158	78
5700095	51	56	63	53	50	57	66	60	79	51	73	51	69	81	61
2570500	82	75	81	74	85	94	61	99	74	70	81	168	73	309	92
1660341	82	122	94	57	281	68	68	71	88	79	127	78	89	316	380
1400433	70	86	73	69	143	68	70	82	57	88	76	57	78	125	173
4610592	1132	221	572	49	83	1566	400	67	67	68	59	340	75	2306	150
3170204	56	67	231	44	45	305	202	75	57	36	47	188	76	44	41
6860154	39	47	1419	44	44	36	44	13799	40	46	49	35	37	5820	47
1260468	87	50	63	42	43	50	54	89	45	46	44	40	49	55	46
4780278	71	70	71	67	46	73	67	275	72	64	58	71	54	856	59
240053	98	69	70	79	74	107	187	107	86	97	122	54	153	52	63
4610520	2553	669	2044	46	38	56	81	1181	430	267	44	116	219	57	44
3190167	45	47	45	48	47	39	47	38	37	45	40	39	35	53	47
5340730	66	62	57	56	60	69	61	62	48	62	55	51	59	67	57
940692	45	45	44	43	41	42	40	42	40	43	34	40	39	33	41
7320193	47	60	53	71	51	73	83	63	53	46	182	79	57	76	57
6330477	77	67	68	73	58	63	79	75	201	73	70	74	84	86	70
2340553	112	196	108	117	178	113	110	104	146	153	152	105	117	325	132
1660184	42	48	50	64	214	40	50	46	56	55	52	44	34	48	42
450368	48	51	81	41	48	54	66	64	68	113	44	51	67	47	61
3830044	109	92	65	70	69	73	59	72	80	89	58	48	64	73	99
6290554	90	67	83	80	74	71	86	62	82	78	99	73	74	86	86
3830332	215	66	72	75	71	79	75	78	82	73	94	62	66	88	70
1050414	88	77	93	101	77	79	88	88	87	69	111	89	78	81	135
780600	1068	555	1016	186	787	741	899	1175	460	730	2556	203	438	236	518
7050333	75	84	82	68	804	78	78	94	86	77	85	59	76	96	80
4290465	748	64	52	53	60	58	54	78	50	54	60	57	58	68	55
5720482	300	657	410	990	1360	510	482	445	216	258	759	386	440	641	434
5260070	624	720	1535	832	825	1092	1133	848	891	420	347	434	2291	1273	1474
610201	439	180	245	99	74	90	121	119	110	107	84	76	79	303	89
5570279	353	141	499	245	234	187	254	691	303	410	447	245	152	238	812
290730	485	228	813	297	110	133	227	451	323	435	226	368	142	61	1009
6200669	375	108	419	164	75	94	155	526	158	182	190	187	94	51	1027
6290685	85	74	58	50	61	76	85	81	71	84	145	61	67	69	91
6110630	1271	1306	2116	1165	726	1210	1267	1360	1512	1675	1740	1103	786	1283	2619

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5050402	283	182	491	231	184	242	354	304	417	368	397	223	157	261	758
2970019	72	76	73	73	69	72	97	82	113	159	63	61	61	55	277
610451	431	195	585	149	166	226	304	711	331	194	304	120	120	95	1871
6100022	401	152	507	185	156	168	283	512	207	253	318	110	119	77	1847
870301	87	64	265	64	61	105	105	176	62	78	75	270	61	227	67
5260091	45	53	46	49	50	46	45	48	51	58	64	59	58	54	55
3460608	57	59	58	72	54	62	67	55	73	68	70	72	56	66	55
6590131	75	118	75	57	232	368	251	166	60	76	76	71	69	75	80
2140196	71	62	70	70	70	74	81	59	66	69	58	69	53	74	81
990091	52	63	73	65	66	56	72	262	69	55	69	81	65	62	59
2260747	78	44	54	63	66	69	55	55	55	78	83	56	59	56	55
3170403	58	63	68	64	50	62	58	66	70	58	61	73	54	68	45
5570711	98	111	2622	60	71	433	678	134	67	82	497	139	91	63	73
4920131	46	85	93	71	50	39	32	46	36	43	37	99	54	37	41
3290368	42	39	1406	460	40	44	46	46	43	42	39	44	44	38	34
4120161	45	79	41	56	54	41	45	48	69	67	41	152	68	58	58
6200044	52	59	56	55	46	57	45	53	54	60	51	62	51	53	57
5420386	59	87	72	60	68	66	179	78	64	73	57	62	62	50	78
1230538	65	47	52	53	42	46	46	63	79	74	43	48	144	54	44
380259	78	91	1669	43	50	257	583	82	57	69	347	100	70	56	57
2140376	72	69	63	57	66	67	61	71	59	54	61	62	61	64	71
870626	89	71	77	75	79	73	88	76	83	83	97	88	72	17653	71
4040474	89	72	60	48	66	59	58	66	84	70	63	68	93	612	76
7200719	411	990	562	816	774	421	424	560	412	911	442	620	590	591	557
2100196	635	443	746	244	1308	481	831	416	395	616	383	255	348	61	253
2690224	375	332	432	888	281	369	352	254	306	366	455	324	418	446	353
730722	68	71	77	60	56	59	78	77	65	65	75	66	76	92	68
7610170	7630	50	46	140	56	411	56	92	39	50	52	45	51	62	48
6960563	90	36	44	41	48	47	61	85	42	41	43	4719	52	41	36
7320349	82	94	85	137	150	161	194	145	174	120	70	100	185	112	90
6960739	74	70	70	80	86	56	73	70	77	86	73	68	68	91	72
5390435	46	48	101	58	41	58	65	37	54	47	52	54	43	46	45
4060192	257	79	86	84	79	88	73	73	107	132	78	72	104	74	102
6220309	65	78	76	67	86	88	84	90	72	77	71	67	61	93	81
5490711	41	46	45	44	54	52	56	60	51	50	46	57	56	52	68
4390291	71	74	70	72	83	72	77	73	68	87	79	70	67	67	89
2000274	38	43	45	40	44	39	42	39	39	37	42	45	41	46	42
6960259	63	96	100	83	53	69	89	81	88	80	80	69	59	75	98
3370544	60	70	103	57	50	130	84	3677	62	60	66	4444	72	1617	57
3130711	63	65	73	74	60	69	71	65	68	89	79	75	62	83	86
4810703	205	156	241	679	76	199	168	192	162	209	68	155	197	88	199

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
6660671	102	94	121	286	60	85	95	95	101	98	41	75	111	48	76
1940193	173	79	82	81	71	56	84	86	110	104	151	65	82	152	86
990112	80	81	111	92	77	82	87	122	75	74	93	116	77	91	85
4810424	39	45	40	46	35	37	35	46	36	39	44	44	48	39	39
580292	64	58	58	60	72	73	63	53	60	72	68	76	55	233	59
2320296	38	35	62	35	100	108	87	40	53	47	43	105	73	54	36
3990739	116	84	82	104	72	103	76	189	89	77	78	100	72	215	69
2030259	36	41	124	67	39	45	47	57	40	41	42	48	36	41	36
5490040	65	71	101	197	60	75	80	92	72	75	58	67	67	77	65
6400703	119	104	109	84	175	82	92	121	102	103	189	142	101	179	104
1570184	158	110	56	85	98	96	80	62	76	70	68	57	131	46	54
3610730	115	72	55	57	71	59	72	74	47	58	126	42	226	42	160
7380392	100	125	120	202	93	79	67	88	94	83	82	93	70	63	67
5900273	70	80	71	77	65	78	63	85	77	68	86	87	73	85	67
1510075	42	49	39	48	43	38	39	43	42	39	40	42	46	51	56
6860634	72	79	84	60	56	111	90	54	66	59	55	56	62	60	53
6620259	79	90	76	72	80	98	79	91	76	91	71	98	78	83	103
540204	224	124	90	70	137	534	291	92	128	144	97	78	109	164	136
5080259	56	55	42	38	48	89	78	49	57	47	41	44	47	47	52
990086	54	44	43	289	49	47	47	52	40	53	57	48	52	45	45
3140259	55	72	47	228	162	90	101	69	82	109	81	68	84	44	53
2100189	174	242	196	229	195	172	187	177	134	194	238	171	189	184	170
4250246	628	850	505	487	556	428	417	460	780	984	189	550	618	787	1100
1980079	98	87	188	195	83	85	76	110	83	80	72	206	84	142	127
4850300	138	204	180	112	94	156	116	110	90	118	52	393	97	76	218
6520440	132	73	58	83	66	69	57	68	127	72	59	78	81	1991	1154
4210561	244	354	165	101	175	167	159	198	222	361	220	202	282	205	272
510632	82	119	91	86	83	100	88	63	70	66	66	123	92	151	85
4050398	58	2207	44	51	49	50	52	45	5875	5039	39	55	47	52	86
5960524	62	65	62	65	68	55	59	73	58	64	71	84	74	71	7976
460202	47	54	42	51	42	55	52	47	67	49	37	45	51	59	14208
3780491	72	53	75	58	69	70	69	80	75	73	75	72	47	76	3000
5290707	73	126	90	65	922	71	77	76	66	72	77	848	74	65	7561
1450619	44	41	45	41	46	44	49	6621	42	44	48	55	39	34	35
3190524	225	200	164	202	177	125	154	282	210	254	645	125	137	237	170
3840445	63	186	77	49	56	196	138	1238	220	512	176	58	4568	71	1991
2060414	69	58	65	63	65	56	52	59	103	72	72	92	71	64	58
5860289	43	747	45	42	45	51	41	83	2188	4232	48	45	154	39	312
430446	47	52	124	43	47	55	49	43	38	40	46	96	46	40	53
7040142	94	97	155	82	97	204	415	149	215	108	285	81	145	133	88
3460685	95	107	261	48	119	353	1148	225	455	231	535	64	242	48	48

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
5490358	78	61	42	73	42	64	65	52	56	42	48	71	43	44	44
4390100	91	95	177	56	44	339	396	175	122	125	76	159	220	49	80
3140427	62	64	69	55	52	64	52	67	59	83	59	56	70	95	70
4390398	1443	3125	386	87	141	327	698	1622	6829	8001	84	91	142	746	600
520465	46	53	41	43	45	41	50	38	43	45	41	46	44	40	51
1570148	39	39	44	51	39	46	43	44	38	39	44	43	39	38	42
5860528	835	72	167	87	69	56	57	62	58	70	78	66	59	513	69
3180615	75	68	73	63	64	56	75	67	74	69	67	78	67	71	71
6840209	11882	64	51	60	56	54	46	73	60	55	53	67	748	258	63
3710161	77	62	67	61	58	68	66	74	55	73	62	55	81	287	89
1470168	47	53	43	79	44	46	50	43	81	42	48	70	48	45	46
2900343	38	38	38	36	48	33	44	34	39	40	38	34	42	39	32
6420450	451	276	206	185	215	287	282	1123	230	184	1633	223	198	306	256
4220482	42	42	37	52	45	39	43	42	45	40	47	42	45	54	51
5260672	71	81	87	79	76	78	82	83	79	75	66	88	72	137	80
6980632	92	155	95	97	91	277	148	460	147	143	133	275	320	160	387
6660687	94	81	104	104	98	96	118	126	98	95	118	116	123	77	105
2690438	77	78	93	89	76	80	59	64	89	80	118	74	69	58	73
5270551	73	69	69	148	63	70	82	77	87	74	134	78	74	54	67
240343	76	52	60	62	55	71	49	48	63	62	53	67	66	55	60
1240408	61	78	90	72	104	72	61	81	61	73	68	68	64	74	183
4480528	95	143	112	100	383	83	92	63	83	91	125	64	81	600	882
240386	100	88	163	103	102	85	103	236	112	151	91	161	101	165	286
3780767	65	46	113	76	69	80	60	75	61	57	80	64	71	3292	98
6620373	85	80	111	81	99	75	90	168	100	101	76	120	79	67	197
3930669	48	351	62	62	74	62	73	97	62	81	54	64	65	3415	60
5490307	56	61	66	63	69	78	61	76	61	67	73	79	67	77	72
3060187	342	530	398	1330	863	376	474	613	381	356	856	349	206	574	382
2490132	99	64	67	62	80	76	77	309	54	58	843	46	56	65	60
4150685	96	113	84	90	110	66	84	124	79	60	95	131	87	58	74
2260037	331	90	89	78	90	132	196	99	94	95	70	300	201	270	153
1260064	234	151	111	106	108	105	67	1902	174	159	163	222	112	226	196
1660220	137	92	118	128	110	118	111	125	130	128	117	114	103	72	110
6400484	53	74	62	56	58	68	67	60	61	68	53	73	59	69	62
4850189	64	72	203	169	48	51	69	52	56	54	50	52	85	49	51
4760196	64	63	74	61	63	63	64	76	60	62	54	63	57	59	67
670670	54	40	46	43	47	41	54	42	61	45	43	53	55	55	44
6370008	193	58	63	67	64	51	63	302	74	66	62	69	65	58	69
4490594	11161	12096	8134	7231	15260	11882	12187	10938	6070	8732	8244	9210	8422	6118	12369
2970152	72	111	70	66	71	127	384	54	198	354	66	64	82	64	73
1820288	73	97	105	98	218	73	72	81	77	57	95	71	84	242	161

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
3360327	68	76	79	95	68	72	86	77	69	78	89	76	82	65	76
4480762	62	79	61	69	68	74	73	88	65	64	72	64	68	87	56
4280093	187	273	125	173	435	151	130	105	133	145	212	122	229	405	514
3850367	104	113	107	131	380	110	128	109	79	88	166	97	81	299	458
110333	62	198	335	84	67	1392	648	139	150	172	60	64	118	71	290
3610520	81	87	59	91	104	62	56	62	60	77	76	62	72	55	60
2710121	81	71	78	86	69	75	87	75	81	82	72	97	78	75	85
5670372	454	138	245	68	132	227	319	317	149	155	1545	70	135	64	116
670066	56	43	45	69	53	72	55	72	59	69	57	48	61	60	56
2360739	78	45	56	40	50	77	62	133	48	53	334	53	51	50	48
380519	79	93	97	100	182	78	70	85	79	81	110	75	89	227	175
4040113	82	81	70	65	80	68	79	66	73	71	77	57	85	124	75
6130152	568	89	83	69	69	75	88	108	95	69	85	76	98	68	91
5960328	9987	71	86	77	74	67	84	88	92	65	65	75	169	94	109
4590332	78	97	64	93	74	84	55	62	90	73	52	63	78	90	112
4780754	53	59	62	72	59	63	63	56	62	64	61	56	60	77	62
2120189	70	57	59	61	50	56	65	62	61	70	77	52	51	47	61
1410747	73	53	69	63	61	76	63	62	63	60	60	61	82	64	67
5820746	71	460	75	84	69	79	88	79	1214	1786	72	77	84	99	93
6020242	65	86	67	70	1836	53	72	96	54	61	56	54	64	62	60
6580088	79	102	287	960	644	87	376	368	228	77	186	238	149	449	275
580445	328	314	79	85	218	384	578	8645	160	142	10938	77	77	107	195
6400414	73	102	107	111	91	101	103	93	111	84	105	125	64	72	84
5870653	49	429	54	58	53	57	47	58	702	1566	50	62	66	72	305
5560707	78	178	437	83	68	70	73	137	61	72	145	72	98	87	68
6290450	52	61	63	60	61	57	60	50	55	57	598	49	50	65	59
4760673	70	69	68	68	65	56	71	73	56	65	72	62	71	83	61
6770706	62	66	58	55	46	47	57	64	64	50	71	60	56	62	53
6180546	62	64	64	51	44	59	70	62	61	60	59	48	55	62	59
4390386	76	73	94	77	79	101	82	79	74	85	87	85	82	102	74
6350091	54	48	57	56	45	49	53	49	67	51	50	56	46	50	51
1570286	69	75	77	71	85	58	59	67	66	63	63	65	67	97	80
1510519	81	60	74	60	77	74	76	65	74	66	74	72	74	82	78
60546	63	67	58	57	58	53	62	68	54	54	56	51	66	67	64
5700360	70	72	69	75	65	71	73	63	52	73	66	69	55	136	57
5420324	63	63	74	80	69	81	68	57	70	47	65	60	75	62	66
50291	65	70	56	64	63	61	48	65	68	70	74	68	68	68	61
2340088	63	52	54	64	49	63	56	52	49	47	60	44	45	63	54
6840278	51	57	64	62	59	52	51	56	64	52	64	68	62	62	58
2060372	412	472	524	521	478	615	281	520	336	341	468	654	300	363	451
5720491	235	314	288	424	732	194	255	554	254	249	271	273	214	503	250

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
6770746	149	194	279	220	210	162	117	139	136	198	241	84	194	133	102
5670280	533	467	568	356	771	552	363	707	545	712	649	501	512	1174	650
5080138	121	119	374	66	78	86	81	1749	65	83	84	70	99	334	57
4760192	64	140	77	69	64	89	229	64	511	691	62	63	88	71	78
2650056	82	124	95	95	90	89	79	84	91	75	74	94	91	77	99
1850168	77	66	66	54	71	80	65	68	87	78	65	86	61	67	60
6770441	61	76	78	59	66	64	75	71	86	69	84	105	60	65	85
3060703	74	84	64	53	77	53	56	61	69	63	64	64	78	51	266
2810504	69	109	83	97	97	93	94	70	98	103	79	101	77	174	86
3170431	253	299	250	352	238	407	251	390	223	179	867	343	196	370	232
6660162	171	113	173	92	103	201	176	278	222	311	122	68	201	271	134
7150324	309	143	106	94	122	179	140	249	129	87	750	96	258	396	89
2810687	262	211	211	196	237	219	118	206	228	135	288	298	227	337	234
4490544	50	54	44	52	36	45	43	40	43	45	50	45	54	42	64
3990561	113	61	80	70	111	114	90	77	122	82	63	80	73	75	82
240220	224	87	68	52	174	150	248	169	217	131	250	57	114	44	45
6370754	44	37	47	42	42	40	43	45	48	46	42	51	46	50	39
3140349	55	46	54	55	63	53	70	54	80	68	79	58	58	78	71
5910612	67	79	80	57	65	60	64	53	67	60	89	48	58	67	69
4200722	49	43	44	38	47	39	41	41	49	41	44	53	40	38	46
6660368	98	70	66	44	48	71	77	96	63	60	405	46	66	52	49
4590477	431	145	145	100	153	262	218	615	144	183	2196	95	188	85	158
1400142	67	67	60	88	63	71	61	59	68	65	80	68	71	72	56
270470	56	93	65	64	66	60	44	70	68	63	70	66	64	88	63
6900170	43	52	44	43	44	41	36	46	39	47	55	42	41	41	43
3170450	144	143	114	119	134	98	82	81	96	81	183	109	111	95	111
1450446	55	57	52	49	65	54	59	52	45	75	59	61	54	45	55
5670709	108	105	86	107	95	108	112	83	109	108	118	87	99	103	107
6770408	129	101	86	120	86	76	73	67	94	100	178	111	80	49	83
6290494	235	222	249	295	195	157	170	153	214	270	349	181	246	122	181
6020170	438	222	231	244	112	132	158	208	397	245	444	129	245	68	165
5490068	1070	144	114	82	103	408	462	369	120	137	1296	88	103	93	82
4540414	212	181	165	172	144	146	150	130	182	192	204	234	175	186	176
3780437	38	34	42	34	36	32	38	37	43	43	35	37	42	39	34
3520338	66	60	65	101	52	53	54	57	61	44	53	77	48	78	59
770682	463	127	85	65	98	269	297	1378	119	103	3493	83	94	100	129
7330367	62	66	79	74	73	68	72	65	60	78	67	61	52	66	73
2370632	116	298	641	317	146	70	91	90	73	90	94	67	95	72	85
4760626	143	47	40	47	50	54	53	60	43	46	103	47	46	42	44
3180528	412	64	53	45	12868	114	316	287	115	135	2648	45	116	75	73
1230228	126	74	81	101	70	443	244	113	70	79	86	61	78	179	119

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
4150598	45	38	47	50	36	51	70	42	44	47	37	41	49	46	9432
3060273	57	67	44	42	52	42	43	53	62	53	52	50	42	53	45
7200601	974	628	551	62	74	3442	1193	1358	428	1353	48	88	428	3323	130
7650026	2924	1704	1560	101	122	8271	2801	4096	1194	2734	81	263	1253	6086	385
1850315	491	80	78	74	86	64	80	65	79	80	60	81	81	143	104
2490070	72	184	3325	72	68	116	69	72	82	74	82	71	57	73	77
1300240	64	123	81	81	77	72	76	75	78	72	74	73	78	191	74
6980762	47	81	39	59	50	54	65	46	50	50	52	46	52	45	88
7380670	1153	114	101	68	75	251	121	142	142	125	280	77	111	90	153
5340220	45	43	39	35	36	73	86	42	53	50	42	57	41	38	40
6100360	51	68	44	46	60	58	58	49	138	163	53	42	45	61	44
3990577	69	48	53	53	64	56	69	61	68	57	64	71	68	69	74
1710692	60	68	51	55	101	56	54	55	78	66	60	52	57	49	52
1450468	75	63	54	53	66	47	50	61	52	51	67	74	55	53	66
6250040	245	366	210	416	396	250	385	266	394	466	214	303	405	208	138
5890170	43	44	48	60	49	43	54	41	49	47	45	42	39	53	49
2100296	109	78	266	60	82	9333	8216	550	76	94	260	83	94	64	82
3180681	151	83	64	57	113	168	160	111	81	77	611	66	83	55	60
7650538	139	106	124	70	401	260	483	296	109	144	1465	73	150	73	117
4060438	95	868	112	91	465	328	224	142	1039	1060	126	317	130	68	82
1660767	56	86	49	110	49	49	53	55	53	116	51	44	73	57	65
1570309	71	62	55	63	58	66	52	75	67	59	84	52	62	76	62
4610669	75	70	72	62	58	59	56	67	75	95	97	57	46	65	66
1990731	61	85	58	68	71	66	76	449	89	71	62	59	63	83	196
7610441	115	72	66	67	77	65	79	71	82	86	75	88	71	323	79
5670129	60	57	45	75	52	51	52	67	43	49	120	48	43	59	58
7050220	73	201	53	58	55	43	54	49	663	653	65	57	65	69	53
3140131	44	57	45	45	42	44	58	48	43	45	45	56	46	44	48
4880138	95	54	46	57	55	48	45	43	701	299	47	56	43	52	3880
5340458	125	99	106	82	92	78	67	88	84	77	116	85	97	82	85
580181	95	80	65	54	74	60	49	87	64	52	120	73	67	72	74
3940520	896	910	490	754	760	676	720	540	717	629	1238	695	610	1030	477
4220326	79	58	76	74	78	91	66	77	107	76	1131	73	77	64	65
2320215	111	73	81	47	68	82	87	127	79	71	307	93	83	108	91
7100541	106	78	119	77	66	106	88	182	74	78	83	232	88	145	98
3360707	48	44	54	41	40	50	47	45	48	40	39	41	38	41	46
3450286	62	68	67	53	65	61	70	54	54	68	69	58	69	63	60
840494	39	47	35	48	38	40	40	42	53	37	43	47	45	36	39
6770131	1629	346	43	52	91	41	41	92	56	424	49	109	389	486	708
4610333	82	69	51	62	52	57	60	57	58	63	70	53	54	77	81
6350192	68	65	74	78	81	78	64	80	67	74	70	57	69	235	63

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
110189	52	57	63	68	45	56	53	75	54	54	64	59	52	121	58
2480431	70	55	65	63	56	56	63	56	66	52	52	55	56	75	57
450020	58	56	64	72	59	60	82	69	59	56	58	72	63	51	187
620202	74	69	85	79	83	78	111	78	80	97	74	69	73	102	71
3930379	145	102	168	146	100	146	123	135	101	95	176	183	124	131	148
7100431	176	99	86	86	130	132	168	191	94	112	760	278	132	104	96
5490301	172	165	266	196	174	211	149	470	139	204	417	581	194	622	374
3890601	76	81	68	72	65	72	73	60	133	198	58	60	555	71	69
1240195	39	44	41	36	41	39	45	41	40	41	36	42	39	40	39
4850528	68	65	64	57	56	71	67	50	62	77	73	65	61	69	62
2650075	52	50	46	51	53	42	40	56	39	42	49	52	46	45	50
5900608	54	61	50	67	78	63	72	67	66	74	74	71	65	82	69
20112	50	47	49	49	51	54	45	46	56	46	50	57	53	53	47
2900064	61	64	50	54	66	62	62	62	86	84	65	75	61	81	148
4850070	62	55	291	50	46	57	47	294	52	44	60	3563	58	43	44
1090451	80	109	1002	72	63	64	80	617	74	65	78	3187	67	73	59
3420554	78	61	51	43	45	42	65	44	79	87	70	44	47	45	36
2970370	157	354	873	175	301	1032	741	238	202	259	104	220	161	644	91
7570753	91	83	167	143	101	102	114	54	58	91	47	98	97	54	134
6290008	83	130	130	127	111	74	101	65	87	62	49	75	102	97	75
1510014	375	395	334	287	501	369	295	302	338	538	446	377	382	314	266
7200609	83	76	87	68	78	106	72	71	71	87	75	69	69	212	81
520176	57	48	52	45	48	41	49	47	52	50	36	55	52	50	44
4210678	177	204	167	90	80	95	95	402	89	77	79	67	84	240	212
7040019	47	41	37	50	46	38	42	41	40	48	44	39	42	38	38
110347	117	102	112	97	126	133	133	163	144	122	186	78	108	76	149
4120427	72	58	49	46	63	57	56	54	48	56	61	62	56	803	50
1260762	63	65	54	67	91	59	71	68	69	59	67	99	72	111	74
1510332	62	69	73	62	97	80	76	60	72	80	69	128	75	83	80
3140373	46	41	37	32	53	39	41	45	53	41	39	53	44	43	46
1580437	44	45	40	42	82	44	49	39	48	49	42	110	45	76	55
770739	82	77	72	78	72	1772	2836	69	76	87	83	65	89	472	1844
1050168	735	1051	54	50	35	78	154	88	12007	6478	53	50	55	39	59
3310093	189	176	209	217	234	197	183	157	198	150	209	179	170	203	292
1570039	604	886	725	620	854	633	225	995	355	592	509	906	427	1552	808
6200168	413	106	95	126	92	302	340	982	99	139	3016	126	130	84	139
4010519	48	115	56	45	56	164	101	46	45	49	47	97	50	43	185
2480424	517	254	359	149	377	460	690	990	183	267	2169	238	359	134	124
3850064	178	298	106	232	220	158	390	93	264	212	158	147	359	246	159
3450332	65	53	52	59	54	50	53	699	68	56	53	63	57	57	63
4780139	114	93	57	77	81	61	58	72	117	110	69	56	110	113	84

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
6330187	1357	105	316	66	86	236	244	207	217	281	53	168	292	209	93
6840739	465	86	129	77	78	126	113	107	115	153	66	89	136	112	102
6420687	72	63	71	74	74	84	97	55	77	71	70	75	68	132	79
7150132	559	779	478	809	605	473	678	701	535	688	784	662	673	828	567
5810253	178	193	135	253	176	146	149	142	177	199	180	138	168	159	152
2710452	132	60	49	48	59	58	62	323	42	54	933	47	76	49	54
7400598	77	72	72	77	83	75	81	72	71	85	77	69	71	78	71
770615	45	45	55	51	43	44	46	36	41	40	48	43	47	43	40
290136	59	55	106	72	55	52	57	61	63	60	54	53	62	73	63
6450746	47	45	84	48	55	49	46	48	42	39	47	40	58	46	52
4250626	165	115	167	96	89	126	110	90	106	116	101	96	277	298	139
5390474	39	46	45	43	61	37	41	48	40	44	41	49	59	44	42
4480301	61	57	240	77	60	51	45	60	62	43	55	63	60	52	54
2690519	49	51	129	67	58	53	53	52	57	57	57	53	51	55	52
2260615	530	658	549	875	637	532	476	609	476	616	862	761	581	784	645
4780373	80	69	80	74	74	82	114	81	72	80	83	82	71	112	76
6330593	236	528	459	320	2989	296	178	2625	147	87	220	107	171	61	76
940646	80	128	107	85	441	89	82	411	82	91	64	77	73	71	63
6900414	84	107	100	108	70	68	114	84	205	188	70	96	184	86	83
6400465	418	186	244	96	151	585	597	337	144	230	1272	148	247	104	181
3850603	69	70	66	78	72	83	59	63	92	73	87	85	66	151	87
2350132	76	54	152	39	55	79	58	48	55	48	37	46	70	46	48
130754	51	74	37	53	126	53	70	46	168	225	39	44	59	46	50
1510291	424	176	200	106	137	132	319	194	601	536	1109	1262	159	85	113
5960224	152	100	83	64	75	73	119	70	265	225	402	428	92	52	54
5490689	61	71	66	53	60	67	75	689	62	71	73	57	173	58	53
6400603	98	72	187	48	64	71	95	147	70	54	756	64	77	46	66
1410603	314	251	232	213	371	325	185	418	333	353	368	269	730	196	691
2760239	62	60	78	50	52	79	95	91	79	99	224	45	69	55	55
450132	194	328	314	340	406	156	171	266	224	188	385	286	139	199	213
3420372	156	92	63	153	62	67	80	57	89	109	117	64	89	41	64
1300187	211	198	239	93	140	142	98	200	178	427	85	182	236	191	208
3610170	101	75	75	82	70	73	64	91	49	82	68	62	61	21428	74
6350475	70	71	79	63	65	65	60	73	62	67	78	67	72	11348	64
6590438	292	42	46	43	57	44	44	39	52	45	39	49	50	1603	150
1260722	635	62	51	76	44	50	52	42	45	45	54	65	46	51	52
4010592	59	69	59	58	65	51	65	67	59	70	74	72	58	63	107
7160739	60	57	66	61	55	58	68	55	57	57	50	59	62	70	55
2650370	688	484	442	306	496	589	811	721	657	860	1366	780	483	229	481
2570220	258	175	175	198	227	286	272	409	141	111	245	258	123	1943	258
3930372	66	69	60	52	76	62	60	68	66	72	51	68	54	75	62

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
7560497	40	70	43	47	62	58	49	56	49	50	49	41	45	43	45
1510424	828	80	123	54	50	166	305	552	2132	2501	53	44	9242	56	408
130338	53	54	57	52	49	50	51	61	62	48	47	57	56	53	54
1690563	45	183	54	52	55	54	122	277	62	57	56	53	129	65	68
4050291	36	48	44	41	40	45	45	42	39	34	42	41	42	42	49
3710022	48	116	51	50	59	49	78	75	48	43	45	39	48	58	51
2350482	73	68	66	66	71	65	60	47	63	68	74	66	71	69	71
5050270	57	63	59	57	167	65	56	69	56	59	64	124	70	82	89
3850767	78	91	144	86	65	108	78	100	76	57	150	244	71	111	250
4900520	283	87	95	585	72	88	129	60	205	127	71	74	82	378	206
5260343	266	88	119	267	55	57	83	100	124	102	85	89	66	1775	96
520370	64	5624	156	74	60	83	51	123	72	57	68	75	76	74	254
6840154	559	6377	7924	52	44	211	139	103	37	38	45	101	48	134	416
3130706	70	115	183	63	74	74	77	59	76	82	77	82	70	69	70
3990278	125	39	44	43	43	41	39	43	62	43	40	48	50	464	50
4890021	43	62	58	57	64	54	71	55	60	48	72	45	55	57	103
5720379	68	103	73	160	79	88	77	75	84	75	62	99	78	64	236
5700441	45	62	40	79	44	47	46	43	55	47	51	62	58	49	53
6770333	49	65	72	51	73	208	148	77	45	39	48	43	45	50	49
1050563	50	53	53	48	46	48	50	70	52	35	50	52	52	56	47
830095	38	41	45	43	33	39	36	39	46	42	43	42	50	36	35
450246	70	69	94	70	76	17570	17337	75	48	60	72	65	53	68	79
2970112	78	55	83	62	61	6716	5105	78	82	83	65	67	65	109	129
1710356	70	57	72	66	55	8001	4400	57	51	72	60	59	67	62	45
510561	49	56	49	38	51	17024	15889	44	46	45	48	55	44	57	44
5670082	60	54	54	62	103	112	61	55	76	68	46	56	129	53	50
730093	105	42	45	42	43	44	45	48	42	41	41	50	39	46	45
730148	97	80	83	87	68	67	74	74	77	64	59	65	81	81	65
4220053	105	106	244	53	83	131	146	414	81	76	569	50	221	124	57
270301	55	61	86	64	73	69	53	75	70	70	65	73	71	68	67
2070372	70	76	63	86	65	77	84	71	72	69	73	94	70	117	79
1580653	70	96	100	74	80	89	99	93	108	123	140	98	88	71	83
10066	53	49	54	47	49	52	47	316	52	44	47	50	52	46	51
3120286	60	70	61	56	62	56	59	52	59	66	45	69	81	67	62
6480450	55	70	47	42	50	46	45	51	37	51	50	47	60	79	43
6650152	65	70	68	47	62	63	52	45	59	62	63	76	64	79	55
2570672	7043	116	44	50	40	41	40	43	45	103	46	51	42	50	76
4670138	210	78	55	40	60	95	99	475	88	90	62	70	115	85	165
20609	182	78	69	62	167	90	71	141	66	74	69	96	90	90	153
4480390	44	40	41	36	47	42	40	39	40	42	40	36	47	48	45
7380152	214	329	269	322	486	355	400	362	351	203	413	382	310	340	485

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
2810762	55	66	56	62	66	62	55	60	50	63	47	60	55	78	63
1740692	58	64	69	71	77	59	60	73	65	50	69	69	71	74	74
2450452	847	642	391	155	134	312	254	1148	1631	1114	871	227	307	906	947
4850576	37	67	39	42	41	39	38	39	41	45	30	51	39	42	42
510133	414	517	520	512	437	649	218	594	322	445	434	663	313	544	409
2640598	53	61	64	59	58	55	61	64	65	61	66	79	71	79	69
6330730	158	1580	482	353	1602	158	761	588	291	361	104	75	591	86	361
4560228	72	64	65	63	60	66	80	74	62	73	67	56	73	63	62
4610201	89	78	84	142	81	98	119	97	82	85	123	80	87	75	88
6510156	108	104	201	441	119	227	164	70	82	68	220	92	76	325	119
5390767	54	53	69	54	63	56	55	61	48	62	51	52	49	66	64
5490465	66	73	68	73	67	78	67	76	67	76	69	83	58	69	64
6960438	87	86	107	109	74	89	72	81	86	58	91	90	83	71	93
4060025	56	63	74	65	66	59	66	73	71	62	83	52	64	74	65
4850711	72	89	105	112	69	75	105	89	77	77	129	87	90	77	122
3990497	259	256	245	246	194	280	307	342	367	336	581	214	150	293	210
4200711	63	63	78	91	61	77	80	72	79	67	98	78	61	68	76
3180647	75	81	102	104	93	68	89	81	91	81	85	90	84	78	72
1090196	47	57	57	55	71	59	51	54	62	57	61	77	71	57	58
5260280	115	129	202	131	92	99	136	154	117	78	122	103	100	93	389
6290091	166	215	211	429	175	198	216	382	149	149	370	165	167	1220	327
2710687	63	84	79	242	63	61	74	55	81	56	52	68	83	66	69
6270731	68	71	52	74	61	60	65	64	67	50	56	59	61	64	63
3840091	95	88	95	99	78	85	86	103	74	84	116	85	85	85	101
2510164	1555	142	1490	1043	235	209	454	1946	98	141	404	813	146	322	1042
580161	866	82	754	795	212	121	382	1193	72	71	158	754	105	113	608
380685	2281	144	1135	2028	392	223	536	2234	132	129	306	1482	210	270	1051
4210044	67	69	105	103	63	83	90	125	70	75	98	71	69	90	81
2450020	57	68	59	97	72	66	79	63	66	75	61	73	56	76	51
20543	66	56	71	67	52	62	71	73	56	54	70	63	56	67	75
4390044	69	60	69	64	66	54	62	69	50	51	65	46	64	54	59
3870156	52	71	61	81	63	46	78	52	51	74	68	46	75	61	59
1850273	68	77	90	105	90	75	130	132	83	99	136	88	127	60	62
3310037	44	64	45	49	61	46	46	38	46	50	46	117	53	44	46
3370736	310	337	841	962	307	367	535	399	249	197	146	275	224	419	392
5310368	204	42	42	42	44	41	45	51	40	47	41	50	75	56	38
160433	43	43	44	47	45	41	47	32	42	45	46	50	48	52	46
2070735	359	311	282	282	530	270	105	481	275	135	561	370	170	416	433
3710711	860	913	498	709	1220	507	243	843	479	569	1016	771	442	1037	727
6860138	77	58	60	55	55	57	55	66	69	57	53	63	60	56	51
5340692	215	110	152	82	93	100	89	123	174	153	182	153	105	74	153

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
270347	486	216	103	85	180	235	191	173	123	128	216	229	179	70	96
2690577	46	67	55	59	58	52	49	57	53	54	56	69	64	53	67
870475	81	83	78	66	90	62	91	73	77	85	88	90	64	86	89
540014	74	66	69	83	71	67	57	74	76	85	60	52	65	56	51
6040433	74	70	48	39	54	61	62	47	48	49	48	49	50	58	47
4810730	312	61	98	72	64	66	71	210	62	51	85	89	56	260	158
3180639	73	46	45	80	35	45	51	32	76	58	38	40	52	55	83
60017	64	64	67	66	66	62	62	63	62	67	65	63	67	74	73
3520768	114	43	40	45	41	48	52	64	117	73	38	68	52	63	45
4280192	79	78	83	71	74	134	78	76	78	65	109	63	90	70	1173
770255	66	82	73	78	66	86	73	82	64	71	103	72	60	62	70
1770603	34	659	1634	37	45	40	48	44	439	189	41	42	41	380	46
1410192	82	79	69	64	99	69	76	80	83	81	87	383	78	79	62
1230672	198	45	43	42	44	44	46	52	48	42	41	44	88	59	164
4040632	77	72	61	71	52	73	65	64	65	55	66	60	57	274	68
4730376	39	50	44	40	57	40	40	42	36	45	42	18221	43	57	36
4900634	66	45	41	50	40	57	117	65	79	69	51	46	45	2064	43
4290209	233	159	159	103	182	320	435	245	160	203	753	119	213	227	195
940674	68	85	56	43	41	44	45	54	122	149	42	55	106	79	65
3360762	83	82	68	65	63	104	83	75	76	81	72	92	75	85	105
6180750	39	40	38	37	38	44	41	44	39	36	44	37	47	42	40
2320168	47	1768	44	38	50	42	55	52	1904	2020	47	57	58	58	42
6980470	46	42	66	42	40	76	112	67	42	40	52	69	40	48	43
2640301	63	84	109	62	38	109	62	52	61	59	139	63	51	58	69
6100484	65	61	54	54	64	100	70	74	70	123	88	59	351	80	59
6060376	79	121	81	88	64	68	86	70	79	88	65	72	73	81	86
2570161	340	161	130	96	83	152	158	195	161	186	183	293	161	403	550
990441	51	44	52	48	39	54	40	50	62	53	52	5270	56	44	47
4730564	130	117	103	135	119	105	116	107	112	148	122	184	143	57	123
4890092	121	106	110	94	89	86	96	95	97	96	88	79	118	190	86
430300	53	61	60	62	56	57	50	60	52	72	82	1277	59	75	65
3850326	42	39	41	44	48	50	52	45	38	45	46	47	37	45	43
2030709	77	67	69	81	70	67	95	93	73	74	59	77	98	2805	78
5260253	38	44	41	43	51	44	42	39	49	37	40	41	42	38	40
6040731	47	41	45	44	46	60	60	45	48	73	46	45	44	36	38
6420605	195	74	86	72	71	141	210	272	82	110	1258	60	94	138	216
4250367	66	116	1176	62	89	77	77	70	72	90	72	79	94	549	71
3930086	713	1053	726	942	770	657	479	745	578	936	741	719	606	666	688
6580059	269	96	622	49	276	558	705	260	154	136	1856	181	405	52	174
1070088	203	61	61	60	48	58	73	171	102	79	70	53	133	71	60
6370703	41	45	64	42	49	55	57	103	155	144	34	48	413	41	53

ProbeID	[[128]], Colon: sigmoid Within normal limits, MBA_2258	[[129]], Cervix Within normal limits, MBA_2261	[[130]], Endometrium Within normal limits, MBA_2243	[[131]], Ovary Within normal limits, MBA_2246	[[132]], Bone: femur distal Within normal limits, MBA_2228	[[133]], Lung Within normal limits, MBA_2234	[[134]], Lung Within normal limits rep2, MBA_2235	[[135]], Kidney Within normal limits, MBA_2240	[[136]], Esophagus Within normal limits, MBA_2249	[[137]], Esophagus Within normal limits rep2, MBA_2264	[[138]], Lymph node Within normal limits, MBA_2304	[[139]], Thyroid gland Within normal limits, MBA_2273	[[140]], Urinary bladder Within normal limits, MBA_2270	[[141]], Pancreas Within normal limits, MBA_2276	[[142]], Prostate Within normal limits, MBA_2285
6860392	4311	81	132	62	62	74	74	375	73	69	181	70	82	316	50
2190408	46	955	47	63	51	45	50	77	379	443	43	52	8451	42	658
3390215	55	62	68	59	69	52	52	64	49	58	66	50	57	54	50
7000619	104	96	80	65	96	114	127	113	77	86	357	69	98	65	80
5420189	42	52	50	44	65	46	55	44	42	46	52	66	54	48	80
5570181	63	59	57	49	58	62	62	61	66	66	56	85	56	62	97
5810730	39	40	40	37	38	37	42	43	35	38	38	38	35	45	37
5900228	61	54	52	51	62	64	66	60	50	59	74	62	58	74	54
5360601	79	85	85	93	72	87	88	67	63	84	81	98	83	83	129
7610524	64	66	51	61	69	63	56	70	48	60	53	50	62	59	53
2850619	82	47	77	73	68	67	84	82	82	75	77	87	65	85	83
3130372	381	69	54	54	63	62	56	43	608	330	48	63	42	63	53
5910414	53	39	46	44	45	43	45	45	57	38	45	57	71	50	50
5870091	58	59	49	63	57	68	64	55	74	60	48	56	59	78	67
1090008	41	35	40	33	38	45	54	62	44	36	43	43	46	66	35
70451	708	349	390	157	646	949	1664	974	406	401	3043	137	433	346	309
3710026	49	50	43	45	49	49	46	41	46	53	56	47	47	51	36
4260286	84	112	81	98	83	156	112	98	117	102	67	114	74	153	116
2810451	46	108	311	48	882	58	60	1582	46	40	46	2637	197	194	48
5700431	120	143	155	206	147	157	120	153	88	92	109	219	118	142	158
1240746	64	73	71	66	71	63	66	54	69	70	67	59	72	64	60
2710343	62	63	43	53	55	48	49	75	94	91	57	51	98	42	61
6840202	59	90	187	111	57	69	58	61	123	97	58	59	89	66	76
6940431	110	77	65	62	100	66	58	95	62	64	64	64	70	57	61
4490743	64	59	57	60	53	72	50	61	61	51	63	63	52	55	49
4810632	63	49	62	63	58	117	85	65	54	66	61	62	49	65	52
5220753	58	66	71	65	64	110	89	72	53	72	68	66	68	78	56
6200091	59	80	55	59	55	62	54	65	69	66	68	73	63	60	56
2690279	53	1765	1159	333	41	45	69	62	61	59	64	65	43	41	66
6590523	294	98	106	63	68	108	102	150	72	106	119	190	98	68	118
670414	54	54	55	60	46	55	51	57	66	45	59	58	61	47	59
4490288	38	47	41	50	47	44	48	47	48	42	43	48	43	42	42
6580717	95	106	69	71	169	384	413	112	90	78	199	83	108	61	100
5560411	177	249	181	149	192	132	94	162	202	252	144	238	178	75	154
1170154	110	113	123	162	127	104	100	118	106	104	113	141	114	116	94
3290152	116	107	132	111	104	83	74	92	86	99	90	150	98	60	96
3310592	5117	6198	3236	5176	8347	5678	5200	2924	2917	4216	4952	3731	3483	4083	4131
3450750	9333	9848	5307	8396	13149	10687	9789	6198	6086	8029	9028	7084	6868	10403	8814
3400070	160	244	165	213	239	147	183	185	187	192	173	189	206	79	171
20603	515	403	288	246	352	344	297	435	318	253	554	293	289	568	325
6580113	59	46	95	63	67	52	62	58	52	50	61	50	61	74	66

ProbeID	[[128], Colon: sigmoid Within normal limits, MBA_2258	[[129], Cervix Within normal limits, MBA_2261	[[130], Endometrium Within normal limits, MBA_2243	[[131], Ovary Within normal limits, MBA_2246	[[132], Bone: femur distal Within normal limits, MBA_2228	[[133], Lung Within normal limits, MBA_2234	[[134], Lung Within normal limits rep2, MBA_2235	[[135], Kidney Within normal limits, MBA_2240	[[136], Esophagus Within normal limits, MBA_2249	[[137], Esophagus Within normal limits rep2, MBA_2264	[[138], Lymph node Within normal limits, MBA_2304	[[139], Thyroid gland Within normal limits, MBA_2273	[[140], Urinary bladder Within normal limits, MBA_2270	[[141], Pancreas Within normal limits, MBA_2276	[[142], Prostate Within normal limits, MBA_2285
5870008	356	155	267	90	116	284	296	520	130	165	2271	89	217	73	107
7050201	85	72	68	62	65	73	66	1742	62	62	663	56	66	73	62
150735	62	60	59	52	49	48	54	52	52	54	53	62	56	58	59
510066	77	80	85	63	79	70	72	65	70	81	61	61	78	66	59
1470162	69	72	64	73	68	58	64	65	79	71	63	62	69	82	73
3520168	99	105	261	147	128	516	551	211	155	78	127	218	111	251	780
1980538	57	62	72	67	63	63	70	70	71	72	66	65	76	74	64
5820026	113	93	111	93	85	152	442	292	68	74	69	126	504	56	99

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
4850086	68	50	41	226	263	226	230	48	42	125	43	85	75	115	49
6110592	205	236	59	74	62	51	62	78	57	132	58	81	156	65	107
3190082	47	56	46	60	61	83	81	59	51	60	50	58	49	44	51
1450100	42	48	49	51	45	45	38	82	97	51	61	47	57	47	49
5490382	41	45	10440	40	41	45	50	43	50	46	66	60	49	54	40
3520709	82	88	72	484	73	80	82	65	67	84	71	66	66	61	80
3120681	43	44	9689	61	41	45	46	39	39	39	48	40	41	41	37
2030161	53	55	324	69	65	79	73	63	74	53	66	73	61	62	57
270709	67	82	14631	99	71	76	69	65	71	74	61	73	67	59	64
2320377	42	38	14522	41	38	62	64	43	64	57	41	42	49	40	45
1260270	74	111	92	75	71	116	120	89	87	96	79	88	98	159	69
2760274	46	182	54	1197	51	39	43	55	54	63	51	45	52	54	42
2650736	54	50	3934	46	46	45	45	68	75	40	52	53	43	42	46
5910010	95	70	20146	221	84	92	100	94	118	84	71	98	76	78	78
5310524	134	116	59	103	104	86	72	101	82	150	131	211	105	139	55
3780156	46	38	41	41	44	70	59	122	171	61	96	45	34	42	41
1050561	70	74	12593	453	71	74	76	64	69	73	66	68	65	64	67
2480040	41	52	43	45	115	83	88	421	148	43	44	46	38	49	41
5910309	38	40	40	37	37	36	41	2159	321	34	28	35	45	35	41
5810050	169	152	50	136	182	139	167	652	257	95	134	80	125	114	56
1030184	48	148	178	54	53	47	43	65	73	53	51	51	61	47	47
3460279	55	44	14797	63	48	45	50	45	58	55	51	56	42	41	45
4570364	76	71	17814	91	71	112	121	3774	5963	140	675	74	85	95	84
6380020	52	72	19666	73	58	90	89	74	87	87	69	58	55	67	60
3780468	63	60	206	57	61	71	71	50	57	64	55	60	72	64	59
240541	51	53	12455	48	51	46	44	61	47	45	47	48	46	53	42
2630010	55	52	19537	56	58	55	55	49	65	61	53	52	45	50	90
1740669	41	40	14681	38	36	39	43	39	44	35	42	37	43	37	39
2340577	44	41	44	67	45	49	43	45	42	50	47	43	45	59	48
1850521	69	52	61	48	56	56	64	220	128	53	66	49	61	46	55
2650594	56	62	53	56	55	50	50	198	434	65	52	79	45	58	54
130110	48	62	299	73	43	46	38	652	416	98	41	60	47	48	47
4830376	79	46	43	51	270	1054	998	51	57	64	56	80	55	52	45
7200435	170	509	62	167	58	100	100	117	113	182	58	88	238	79	1292
6290239	142	54	63	68	69	84	67	79	71	176	98	76	126	76	4633
2480241	221	215	182	189	623	116	106	116	87	280	178	279	167	258	71
5080561	224	310	55	144	159	139	115	458	348	154	147	74	183	129	68
1770253	45	43	42	44	51	45	44	70	55	42	36	51	45	45	37
6280440	131	118	43	72	36	34	30	46	64	49	37	50	136	41	63
3450347	52	45	42	37	56	39	49	47	44	43	38	46	46	145	42
3170100	81	54	41	64	104	152	132	58	65	335	44	51	88	170	46

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
2600554	75	67	79	71	161	624	578	85	75	86	67	76	72	72	82
2510253	223	96	76	117	769	981	906	300	334	240	73	88	274	447	167
7570477	129	152	156	150	110	74	71	188	79	89	176	132	85	70	79
7510424	185	221	252	235	153	108	112	179	128	153	611	285	165	142	137
6040452	76	66	79	60	48	50	50	246	253	61	55	48	81	82	68
1850068	94	93	274	138	106	163	154	1152	2876	117	192	141	124	124	94
6110440	71	74	67	69	71	69	78	246	241	71	65	60	76	75	71
6960035	38	37	30	43	1117	1204	1390	44	73	50	36	76	54	503	46
7050215	47	40	45	45	57	44	39	38	46	44	41	36	47	42	36
1710242	232	272	183	153	486	666	771	4263	3503	169	276	188	210	257	167
4890670	73	72	76	103	2843	4010	3836	193	231	74	75	61	76	84	83
4540468	117	64	66	59	418	308	339	49	63	180	64	65	115	75	333
6510360	164	147	346	201	161	87	84	11505	6773	171	105	290	165	131	129
6110102	61	74	197	106	210	560	551	113	94	76	58	87	75	145	103
6110152	55	41	42	56	45	49	60	54	53	36	114	47	59	44	47
2490044	95	98	72	66	115	69	96	100	109	105	126	115	90	99	76
1070224	58	43	41	38	45	72	66	62	60	50	63	75	54	65	41
2070377	56	74	58	146	69	72	78	439	899	97	57	57	61	58	96
2000128	39	50	14416	45	40	42	40	71	86	43	61	58	39	39	44
6100241	51	48	41	47	36	42	42	38	42	708	43	38	36	41	4833
6420689	59	53	57	64	65	72	63	40	62	66	62	60	60	58	59
6060347	42	42	53	41	48	61	47	47	55	46	67	58	54	53	54
6040156	88	69	66	70	81	104	104	270	289	88	89	95	81	84	86
3870593	71	71	67	262	66	66	73	109	88	631	53	69	65	57	4985
3610180	49	48	46	40	50	55	57	43	44	41	42	56	36	40	46
6450403	50	47	11199	49	38	35	45	40	38	38	44	40	44	43	39
4260280	79	67	62	65	76	74	73	360	279	76	76	60	73	62	61
6650215	109	149	126	95	255	349	365	1506	1622	105	77	87	116	101	163
2190139	39	13490	38	43	44	43	43	36	38	41	50	43	58	63	44
4850170	34	40	37	37	2498	685	685	43	39	48	50	46	48	317	42
5310343	46	49	46	45	4758	6498	6342	97	94	43	43	52	40	55	46
3710176	81	71	75	90	82	76	79	238	184	115	72	69	67	73	93
1450671	89	104	71	120	78	95	84	75	98	92	94	91	86	97	86
3830598	63	63	46	54	269	74	69	100	119	84	51	146	142	60	44
3830170	163	130	78	145	268	321	317	94	147	174	228	189	207	166	258
5340348	67	113	64	66	65	57	50	60	65	71	70	59	71	71	58
780356	60	57	79	59	49	53	63	52	65	60	68	63	56	56	51
5360070	64	434	51	220	49	97	100	1861	2032	72	75	56	72	58	49
6250672	215	76	62	397	122	68	85	589	832	428	98	77	241	69	381
580100	67	243	104	129	65	61	73	97	85	75	71	83	75	58	112
7210136	46	74	51	57	50	42	44	167	169	106	67	47	50	58	123

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
1170671	75	278	69	174	47	43	43	51	53	145	85	93	99	70	176
1580411	70	225	61	130	56	40	42	55	78	147	74	79	98	70	164
20129	110	425	227	274	80	74	72	72	440	257	142	103	150	121	367
4220068	65	87	79	88	58	70	77	71	73	76	67	76	66	70	78
3940504	82	431	109	230	83	87	80	72	82	228	112	94	104	112	646
770167	106	210	178	114	138	81	93	101	95	167	105	128	138	192	351
4200451	55	74	48	50	49	45	50	220	265	58	46	38	44	37	44
3460152	39	92	42	65	39	53	53	259	311	37	45	44	33	42	42
2940398	39	102	44	74	45	42	41	496	175	49	45	46	46	54	45
2260424	237	65	61	60	757	521	572	92	87	67	74	81	135	143	56
1260025	283	253	264	368	327	275	285	355	360	317	287	280	257	248	312
5260014	55	224	54	95	75	69	74	2801	2902	58	61	65	49	120	52
2360632	66	3213	79	992	55	72	50	65	64	72	76	60	60	74	108
6350437	62	54	49	65	339	1510	1433	287	254	71	57	99	51	145	46
4920019	75	74	58	70	66	78	63	71	62	77	64	62	68	74	76
7050053	75	67	50	66	54	71	72	62	59	48	56	64	66	60	52
2350730	56	46	56	127	56	51	55	58	71	62	65	66	76	62	62
6860446	84	70	74	73	76	93	62	75	75	82	83	82	84	80	75
6840609	73	63	75	72	73	69	67	79	84	68	55	76	76	73	59
5270022	65	42	48	42	47	47	44	55	65	49	48	46	49	45	48
2650484	46	46	40	40	49	50	42	39	37	46	43	40	43	42	55
5550372	76	80	76	75	72	73	66	68	64	57	69	68	68	60	68
1580487	211	197	226	216	282	202	207	139	120	257	85	148	196	151	133
6420356	106	117	50	86	1455	1281	1303	369	241	99	253	4689	100	664	75
5290711	75	56	42	50	67	94	96	963	1085	74	55	50	93	48	51
780528	291	548	537	301	97	385	350	3196	5651	142	376	471	267	224	161
5670722	82	6849	71	81	72	68	74	64	69	67	54	71	76	60	60
3780291	159	553	240	267	178	279	224	224	181	142	354	119	183	195	83
2650673	49	39	48	1421	43	36	39	44	40	54	47	44	39	42	45
7160376	74	61	62	59	66	72	62	61	59	65	75	69	98	60	71
6370414	59	79	51	52	48	44	53	46	45	68	52	65	49	69	62
670398	76	92	77	124	781	3208	3187	135	192	66	78	88	67	101	89
10187	208	145	235	112	163	213	221	169	268	249	329	234	288	174	206
6100139	42	46	51	52	58	49	55	54	48	69	48	53	46	50	50
3390372	89	55	48	51	309	147	149	86	124	54	115	103	80	249	41
1450392	45	53	47	54	67	69	62	64	60	57	50	46	47	56	50
4010136	50	57	58	65	58	48	58	76	80	50	55	46	47	51	64
5390113	115	225	153	141	351	365	365	68	82	139	113	159	100	218	257
580754	42	43	45	50	45	48	38	3269	2386	36	40	44	39	46	46
2260445	69	63	69	63	282	372	428	58	63	52	63	55	53	58	63
1170047	664	3813	369	1251	138	220	156	146	314	2516	706	315	462	1091	698

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
5860048	108	199	80	151	76	74	67	159	97	100	95	105	108	88	166
360296	108	83	102	84	1219	10687	10193	111	118	76	161	110	107	418	48
540685	64	46	16951	46	60	67	65	64	48	56	56	63	60	52	60
4280440	84	130	75	102	80	75	69	94	83	42	100	75	87	104	57
3830202	47	45	48	42	58	56	58	78	82	72	48	58	46	49	47
4010095	53	44	58	59	47	48	43	68	84	46	42	44	39	44	48
6900377	45	43	45	43	42	42	41	59	59	37	43	39	38	38	44
7650739	55	54	47	67	167	157	169	93	77	52	77	61	78	89	52
3870608	160	200	258	226	228	184	194	544	229	218	202	200	177	176	142
6370541	434	51	41	43	41	41	43	40	149	6040	33	44	837	62	20312
5860674	65	78	62	75	60	67	64	314	202	54	57	63	63	64	66
5820551	71	68	67	102	78	75	87	515	698	67	68	68	64	51	83
7510128	74	72	61	65	84	74	85	208	326	75	77	71	78	72	70
1230603	64	65	109	74	72	67	71	306	546	68	66	75	59	65	69
2710504	46	46	44	45	37	36	42	239	158	42	40	38	39	37	45
5220196	239	282	158	211	212	288	272	157	139	253	244	248	237	176	190
620041	45	39	37	44	40	43	40	312	277	46	39	42	39	44	46
6580626	62	63	64	136	227	117	114	196	124	175	115	168	61	159	46
2100711	84	73	15432	472	82	68	74	184	112	77	50	131	49	61	54
2260274	89	58	583	170	79	49	45	65	57	95	44	77	86	97	56
4850746	62	57	67	58	62	68	55	68	49	59	74	71	74	68	82
7380678	53	760	398	61	41	43	41	71	65	45	36	108	46	42	36
4890750	85	91	84	77	87	92	104	111	98	91	98	91	109	90	125
5960672	590	453	499	497	541	363	336	497	278	467	551	575	485	455	285
870477	57	145	74	54	68	138	158	68	72	85	106	71	108	428	90
2230341	72	1419	116	100	58	126	117	71	68	91	75	67	61	66	66
1770497	67	292	51	63	71	79	80	52	63	65	51	52	55	58	75
5550553	130	81	78	99	69	152	158	67	75	94	70	80	152	95	148
4890671	72	74	70	77	67	68	71	69	97	77	509	67	104	95	439
20192	177	178	113	199	107	131	140	213	144	140	180	148	135	118	136
5900017	43	55	46	50	44	61	66	433	199	38	45	46	48	47	37
7040100	53	37	46	37	40	40	37	90	84	43	37	38	46	41	32
6220209	47	936	42	291	67	50	44	137	101	537	43	45	63	45	6118
5570703	64	56	56	59	57	61	56	534	882	58	67	58	48	63	62
1190091	71	90	68	96	130	59	64	83	90	85	66	58	53	89	97
2370768	38	42	41	41	42	42	39	80	93	133	46	48	38	38	43
6420736	93	314	1061	76	533	128	131	165	107	73	178	729	125	251	218
2450411	90	280	1353	63	503	153	147	138	120	79	164	957	123	295	185
5720465	121	345	1372	124	510	169	173	177	117	88	193	1339	150	270	251
450736	63	81	77	76	77	59	71	77	69	75	84	81	78	74	72
7550086	42	44	42	48	40	44	35	49	75	40	51	39	36	38	36

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
940746	53	63	44	55	1495	1537	1726	99	117	58	57	143	49	769	51
4280132	47	61	63	57	55	49	45	1036	1348	46	57	67	54	48	53
4280504	43	50	43	48	46	47	41	175	181	45	46	47	49	42	48
6330553	180	525	164	219	146	289	265	161	151	181	238	154	184	162	183
2100743	455	1586	384	724	337	1536	1434	260	351	532	516	164	488	466	265
6560523	192	556	173	208	135	475	493	139	136	207	230	99	160	156	143
5340338	73	491	80	233	71	145	127	296	285	72	112	85	85	90	95
6650196	144	185	177	160	126	288	283	242	258	208	135	210	165	209	143
6350204	77	70	97	57	75	71	81	54	64	48	76	73	72	74	68
1170605	414	268	54	591	68	853	883	671	800	251	175	89	337	98	259
670333	66	712	40	43	70	81	77	61	67	566	65	66	86	49	1036
1410240	68	501	47	39	69	69	71	56	59	475	63	63	74	42	1011
6370356	307	77	67	695	5919	7871	10509	168	158	411	74	2169	755	7167	937
2510356	45	40	55	37	45	39	46	52	49	47	46	39	44	44	45
5270468	48	43	43	43	36	48	53	42	48	51	34	48	43	43	42
1030209	36	39	33	48	44	37	42	35	38	39	37	42	35	43	49
4200437	206	414	278	298	575	480	458	175	194	488	458	182	403	290	501
830543	60	50	47	55	41	41	47	44	39	38	42	41	39	41	37
5690112	67	48	108	212	53	53	57	92	114	138	54	102	58	67	48
3360095	237	70	242	73	68	68	61	91	88	136	276	127	186	78	75
7040678	53	46	49	46	552	8937	9525	48	42	50	45	59	52	7848	72
4200541	172	194	114	157	151	111	105	393	299	125	861	856	140	127	230
2370646	38	48	48	50	144	53	59	401	145	51	49	78	53	90	43
5130100	47	46	39	42	59	51	53	126	196	91	51	72	38	42	40
1660243	42	39	157	41	35	40	40	70	76	48	42	43	56	37	36
6220307	60	614	65	69	57	60	45	65	63	54	68	95	61	61	60
3460446	248	158	81	65	217	375	416	90	79	86	81	76	146	75	73
2940403	666	589	383	376	61	151	139	380	422	394	754	379	604	131	381
1580215	105	188	97	137	69	136	154	108	116	96	90	166	108	88	167
130463	259	4169	57	1758	63	71	81	80	109	2121	88	287	268	148	258
4120703	40	53	43	47	144	134	148	50	67	48	57	53	42	46	42
6980367	59	54	2303	65	53	60	46	49	54	81	66	244	61	47	52
3180156	59	67	66	41	63	51	58	48	59	56	52	53	61	50	64
3780193	42	75	51	50	39	47	42	41	41	78	46	40	47	75	79
5130255	43	47	17653	324	41	50	55	84	103	44	43	42	43	37	44
2850703	68	61	16513	886	54	91	116	124	214	53	69	66	50	55	52
7400072	75	81	21084	685	65	76	81	187	173	58	67	72	72	69	52
7210240	70	65	19815	160	80	83	80	64	73	56	73	75	74	63	68
5270619	113	203	128	166	94	657	712	364	378	205	115	112	107	151	298
2030451	36	49	46	44	43	44	45	48	42	48	47	39	42	37	37
10504	57	62	48	53	46	43	46	241	124	60	47	60	48	880	45

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
2230008	49	45	20770	185	40	55	48	63	72	48	115	579	44	37	36
3180025	37	37	13799	50	39	45	41	39	42	48	56	100	40	49	46
2480228	54	57	16580	59	73	81	82	229	120	70	71	85	67	55	76
6110022	75	58	15625	77	64	63	80	140	100	67	86	90	77	73	68
4290014	260	426	399	334	244	284	307	362	398	330	192	199	245	277	425
7550368	241	73	80	126	958	4046	3968	132	136	103	168	111	264	184	279
7000575	78	140	69	86	70	73	76	553	300	63	66	79	69	59	64
5700095	66	64	63	66	69	61	58	63	70	62	51	187	63	67	64
2570500	84	103	127	119	150	172	149	96	100	146	64	74	65	77	309
1660341	707	67	60	94	88	65	67	110	105	78	116	118	490	103	75
1400433	481	52	59	70	82	62	54	88	76	69	97	82	163	60	63
4610592	68	981	1052	2718	67	70	71	85	105	284	64	72	96	57	89
3170204	64	72	38	44	44	108	130	135	254	87	55	51	60	46	48
6860154	45	37	249	39	43	40	45	45	52	44	46	77	36	40	53
1260468	50	118	50	64	234	98	96	70	82	45	55	40	48	230	36
4780278	70	57	21428	561	59	63	61	74	64	71	75	78	55	72	64
240053	63	132	590	79	73	65	58	83	83	75	54	101	75	75	61
4610520	39	5441	45	3054	40	37	38	231	191	141	49	40	51	37	1092
3190167	50	46	47	43	5905	1784	1778	41	43	51	48	45	44	54	46
5340730	68	71	56	52	70	55	63	70	64	57	65	55	50	58	59
940692	44	43	35	36	40	39	38	43	41	47	45	40	36	36	50
7320193	73	50	50	11386	48	48	44	57	53	72	51	55	45	57	50
6330477	70	67	79	20770	72	78	70	72	64	60	83	122	67	74	72
2340553	121	118	95	161	110	107	76	93	72	96	87	125	90	138	87
1660184	53	50	72	46	69	252	228	48	45	36	59	47	53	45	50
450368	71	57	59	62	42	39	42	39	43	55	39	41	62	40	50
3830044	105	172	126	68	52	67	60	87	76	69	92	81	97	66	87
6290554	72	90	90	75	76	81	83	3738	4176	78	62	71	62	83	101
3830332	73	1368	156	512	57	70	71	63	77	79	63	72	70	65	82
1050414	83	102	12142	106	364	88	87	74	71	80	110	79	89	201	125
780600	468	1439	296	1781	95	82	76	137	133	442	399	700	626	389	714
7050333	86	76	460	74	6040	2137	2238	77	83	82	62	79	95	1793	80
4290465	56	691	64	99	50	51	46	79	76	57	52	51	69	45	70
5720482	344	396	563	332	295	96	97	6215	2781	369	702	425	368	242	168
5260070	945	433	237	398	840	1547	1590	256	258	304	289	203	843	706	411
610201	93	597	80	251	696	2148	2222	372	574	104	92	195	91	311	150
5570279	963	447	852	471	115	257	258	159	342	656	511	309	1641	209	458
290730	672	978	914	297	107	173	179	121	164	540	214	249	1256	209	126
6200669	958	529	474	176	72	189	162	68	89	275	471	167	1166	160	216
6290685	83	79	67	56	55	55	72	136	145	75	74	60	116	74	73
6110630	2876	1794	2015	875	394	361	383	1417	2086	1653	1188	813	3087	699	1492

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
5050402	532	365	498	208	115	99	109	318	262	270	221	161	623	123	293
2970019	182	97	40	60	71	55	59	70	85	102	59	78	238	133	57
610451	1638	210	524	325	224	353	351	1074	2201	250	662	303	2697	316	429
6100022	2142	215	374	276	163	232	224	674	1063	231	451	226	1691	177	301
870301	75	213	125	90	78	81	89	84	75	196	65	72	77	180	73
5260091	46	56	50	56	52	48	44	55	70	49	45	49	55	44	43
3460608	78	79	50	62	73	67	59	1829	987	55	68	61	60	77	62
6590131	67	67	18864	57	75	73	82	65	87	70	88	73	83	82	71
2140196	86	64	18776	51	64	75	75	73	66	60	74	64	79	74	65
990091	71	78	13399	68	73	58	72	63	67	72	61	63	58	65	73
2260747	67	60	53	65	152	100	99	100	107	69	63	65	62	70	101
3170403	48	65	4416	68	67	64	51	59	59	66	61	49	68	53	64
5570711	66	82	60	229	57	52	54	58	60	87	59	74	71	48	57
4920131	46	42	38	44	109	491	493	180	199	88	75	43	39	59	45
3290368	43	47	16101	55	39	72	66	44	48	41	175	42	39	54	38
4120161	73	43	46	55	137	107	112	197	193	165	53	95	80	83	78
6200044	57	44	46	46	60	60	66	145	174	77	53	73	64	72	52
5420386	84	56	164	57	70	84	94	451	302	75	59	77	79	62	75
1230538	60	63	46	60	2039	3744	3345	103	94	44	51	110	60	839	50
380259	48	65	53	116	48	40	49	47	46	80	50	46	54	50	51
2140376	51	61	91	62	71	75	58	66	68	46	71	60	73	71	70
870626	76	105	92	108	79	74	79	74	96	75	73	231	71	64	114
4040474	64	93	81	120	91	588	644	74	73	57	56	110	51	55	55
7200719	710	343	217	384	478	678	773	625	393	609	876	943	588	461	476
2100196	327	1273	851	415	576	302	287	120	143	496	606	325	387	841	456
2690224	326	317	368	366	265	433	363	280	195	244	286	184	288	194	329
730722	68	60	9116	64	89	92	81	76	76	53	47	71	69	57	60
7610170	57	9210	138	93	48	45	40	85	144	101	439	63	66	59	146
6960563	38	138	242	60	40	42	38	36	42	5343	42	45	44	39	50
7320349	100	83	115	140	141	274	250	67	84	118	146	96	82	106	86
6960739	70	76	61	66	125	115	113	78	74	69	68	61	73	106	83
5390435	56	59	54	52	64	45	49	55	67	42	55	86	41	130	44
4060192	138	97	90	76	112	152	155	151	180	62	108	101	135	157	122
6220309	83	60	63	62	404	346	348	82	84	76	82	86	89	75	77
5490711	61	53	41	56	44	46	45	49	47	40	36	51	73	54	53
4390291	75	65	68	67	140	290	288	66	81	64	75	77	82	104	69
2000274	45	36	47	45	38	38	38	50	54	45	45	44	39	54	43
6960259	94	74	78	69	330	546	536	88	94	81	75	81	83	176	73
3370544	66	71	87	1005	160	125	106	77	74	4408	56	75	80	69	245
3130711	80	77	83	82	303	289	284	73	73	63	74	73	78	76	62
4810703	117	707	458	235	213	180	163	78	80	152	170	94	181	243	151

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
6660671	87	264	198	282	267	129	94	45	52	109	123	83	156	162	94
1940193	88	92	74	60	867	692	725	221	217	81	103	95	85	3503	105
990112	82	92	107	81	91	105	92	262	365	108	77	80	72	88	77
4810424	38	44	38	40	35	32	35	42	58	53	49	47	42	36	34
580292	66	76	65	82	63	57	50	72	57	81	62	49	63	58	56
2320296	49	56	51	56	49	42	44	41	50	82	57	56	47	89	47
3990739	71	181	72	161	63	60	70	79	62	105	133	92	74	95	183
2030259	36	41	35	40	38	36	42	37	46	43	60	43	37	45	47
5490040	65	87	65	90	76	96	83	48	64	74	157	78	72	77	76
6400703	131	119	91	116	106	82	91	163	103	103	108	121	109	133	136
1570184	90	78	58	65	239	87	83	47	43	80	72	49	88	51	55
3610730	237	105	51	84	61	56	60	54	59	80	53	71	130	64	757
7380392	96	82	70	82	103	84	83	64	75	56	88	82	74	62	66
5900273	72	73	93	100	1783	3768	3138	104	98	67	83	118	61	389	62
1510075	35	41	43	38	73	267	262	214	184	46	42	57	47	50	47
6860634	61	55	45	60	48	50	53	82	103	71	52	45	49	47	42
6620259	121	79	76	68	1172	239	224	125	127	96	75	85	129	777	246
540204	104	127	81	76	120	111	115	88	108	106	98	86	104	354	124
5080259	47	51	43	44	46	48	55	43	68	48	52	45	66	154	52
990086	50	43	43	55	1207	615	661	132	100	48	221	50	51	685	46
3140259	57	59	103	55	83	86	100	44	43	68	84	81	57	76	44
2100189	212	151	100	176	547	1180	1041	1023	1390	140	253	276	200	191	243
4250246	907	571	1111	645	571	352	326	380	267	534	418	2425	910	545	328
1980079	87	74	88	134	518	190	206	124	111	217	147	88	102	1469	96
4850300	210	142	35	67	398	899	1006	862	1117	294	150	159	215	644	156
6520440	986	95	62	185	11758	9917	8588	509	517	116	74	341	1112	7608	62
4210561	334	237	96	242	864	1032	884	218	142	121	97	196	180	218	181
510632	80	75	61	102	221	820	850	625	377	103	76	86	60	124	83
4050398	55	82	52	57	50	49	43	76	134	111	54	44	73	48	1162
5960524	5491	86	75	64	69	64	64	77	68	68	69	66	5638	65	62
460202	8843	45	46	43	87	42	35	53	75	43	59	36	8645	44	62
3780491	2068	81	71	82	69	70	72	57	68	64	66	68	1665	61	102
5290707	9116	93	81	70	61	81	71	68	81	245	69	213	10231	92	277
1450619	43	75	15315	48	48	48	40	50	55	33	43	41	41	39	40
3190524	134	233	92	201	129	92	89	1068	294	110	119	184	122	111	90
3840445	1350	57	56	67	128	73	64	88	111	83	44	51	621	55	897
2060414	56	108	58	117	55	90	77	58	66	64	51	62	59	67	55
5860289	335	43	45	36	37	42	38	39	41	75	45	37	235	42	351
430446	57	43	50	35	57	42	52	44	43	77	47	49	53	45	108
7040142	77	80	866	291	82	76	83	351	245	88	83	103	84	82	78
3460685	54	99	1753	393	50	75	82	897	541	86	48	175	53	89	63

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
5490358	50	70	37	47	45	45	57	161	89	48	52	57	45	61	43
4390100	99	258	47	173	36	55	51	72	74	140	47	40	87	53	65
3140427	81	131	66	72	101	74	75	65	72	57	62	57	78	71	69
4390398	265	3047	208	10368	100	89	84	79	81	293	88	98	940	165	2900
520465	47	50	39	39	47	42	39	41	47	51	44	38	46	41	44
1570148	41	37	3365	39	48	45	39	44	45	41	45	40	49	32	42
5860528	76	1768	50	64	64	71	89	60	73	61	192	67	66	66	70
3180615	72	66	68	78	63	178	160	966	1110	86	66	55	69	62	80
6840209	60	14631	1152	3756	46	49	49	53	48	60	48	56	68	55	44
3710161	67	57	68	67	63	66	61	69	84	61	74	72	72	63	71
1470168	44	49	51	61	46	43	40	89	74	52	168	65	41	90	43
2900343	36	41	40	42	38	38	40	42	46	36	36	39	38	36	41
6420450	180	391	2463	628	275	239	235	140	114	175	205	173	187	136	297
4220482	47	48	48	49	54	48	47	146	108	48	48	39	45	41	52
5260672	92	85	77	19064	75	72	70	75	75	58	68	78	88	70	86
6980632	304	67	58	154	1335	3695	3493	100	122	305	102	141	419	227	357
6660687	106	127	103	114	133	113	112	157	146	122	89	96	87	91	90
2690438	71	63	72	66	1968	1659	1684	102	105	69	95	79	81	795	65
5270551	71	108	81	76	55	66	66	751	357	58	67	67	81	54	42
240343	63	65	56	54	49	55	55	62	69	49	62	67	63	55	60
1240408	258	67	76	66	65	74	79	70	80	53	71	81	152	87	59
4480528	1567	62	88	80	121	54	61	150	125	81	125	123	940	127	74
240386	141	87	92	102	112	345	408	471	334	108	111	95	171	94	103
3780767	79	67	58	60	86	119	116	76	654	77	128	221	111	80	77
6620373	126	80	51	87	101	285	345	346	280	101	103	93	130	85	92
3930669	57	67	57	8786	69	52	56	60	76	59	53	68	1130	56	89
5490307	58	74	68	126	69	73	60	586	340	59	70	68	73	60	58
3060187	490	392	155	867	445	213	205	2190	631	119	222	290	204	290	70
2490132	52	87	54	50	60	59	57	57	58	110	73	63	71	60	107
4150685	63	67	67	68	88	135	122	132	271	131	137	97	121	107	83
2260037	134	652	285	559	70	63	81	71	80	184	66	87	291	71	359
1260064	213	254	89	2631	147	166	156	123	125	276	222	215	235	240	318
1660220	143	143	98	143	131	96	94	155	125	87	113	103	106	94	99
6400484	65	66	71	69	74	67	68	705	254	63	86	58	68	75	77
4850189	58	52	46	44	506	2268	2214	76	107	65	233	180	58	342	42
4760196	71	69	4256	71	64	53	53	73	63	51	59	60	52	57	76
670670	50	46	2811	54	42	40	47	43	44	39	42	40	43	44	45
6370008	68	293	60	81	103	108	102	68	56	72	68	61	84	61	66
4490594	12593	6984	4596	9722	15315	13149	11882	13545	11882	13350	10824	6517	16302	16867	3792
2970152	63	69	64	76	61	64	62	71	55	57	61	54	68	73	79
1820288	200	70	82	70	89	68	69	93	115	63	83	98	139	83	94

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
3360327	72	73	82	74	76	90	87	188	308	81	79	87	86	74	90
4480762	73	58	74	58	65	59	69	60	75	56	85	74	62	64	76
4280093	822	93	65	274	191	212	201	162	216	130	254	124	534	196	100
3850367	648	90	108	79	150	143	124	215	227	99	158	139	658	138	108
110333	169	66	67	63	68	106	107	255	229	74	79	51	189	68	127
3610520	78	71	63	69	67	92	95	75	80	77	116	72	66	74	74
2710121	70	82	93	83	70	75	75	98	102	86	84	86	74	76	104
5670372	85	181	118	117	232	256	257	59	55	114	72	115	73	183	140
670066	51	57	63	51	63	48	62	52	63	40	48	63	67	55	65
2360739	46	66	53	46	44	49	50	43	49	64	48	57	46	42	58
380519	200	65	97	77	83	76	64	81	103	81	97	102	117	64	92
4040113	70	58	84	68	79	78	67	82	80	72	65	79	84	67	79
6130152	85	684	95	95	74	86	80	69	84	81	88	77	78	89	80
5960328	84	16027	94	3637	86	73	74	90	60	84	72	70	118	73	86
4590332	85	69	78	66	85	70	72	83	67	57	118	75	88	60	106
4780754	53	56	46	55	51	57	52	68	55	56	63	58	53	54	58
2120189	46	54	45	57	60	58	61	193	161	59	65	63	52	55	46
1410747	61	61	88	59	67	71	75	120	121	58	63	70	67	65	71
5820746	75	85	97	83	70	73	85	160	106	81	87	75	74	88	91
6020242	96	68	69	53	65	81	73	69	80	64	91	63	64	61	55
6580088	252	252	157	342	116	317	383	1961	763	210	249	131	346	301	108
580445	104	545	157	279	66	64	72	63	110	413	195	203	134	101	986
6400414	89	104	126	105	96	58	57	89	67	83	74	73	79	78	55
5870653	274	51	66	53	51	57	55	67	48	79	49	59	161	165	627
5560707	73	75	79	61	58	62	74	64	61	78	63	58	66	70	71
6290450	60	56	76	56	69	60	48	52	47	65	63	58	47	46	69
4760673	77	62	76	60	69	70	53	65	62	66	65	63	73	68	76
6770706	56	69	58	65	51	66	58	279	221	50	64	49	67	53	49
6180546	60	50	81	55	62	66	69	984	1513	43	63	56	66	62	60
4390386	76	67	79	101	75	76	74	650	549	64	77	72	80	70	81
6350091	56	60	65	56	56	60	50	399	367	46	45	46	54	52	57
1570286	73	62	88	66	65	75	57	211	388	62	65	56	67	75	78
1510519	62	85	76	77	67	74	70	64	53	61	76	76	75	57	83
60546	52	53	63	55	50	65	60	373	323	68	57	56	61	58	55
5700360	62	67	1575	120	68	66	69	88	74	70	83	69	76	53	108
5420324	62	80	69	67	64	74	74	71	82	71	69	79	76	64	52
50291	64	58	73	69	71	74	72	395	497	74	67	64	59	58	58
2340088	46	55	53	44	60	55	43	1425	1270	57	59	55	54	57	56
6840278	43	67	55	57	57	50	46	345	415	62	68	57	50	46	60
2060372	606	314	301	372	1132	484	405	2123	1346	586	600	193	446	344	199
5720491	247	203	279	267	196	97	88	176	95	186	232	158	200	220	73

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6770746	113	101	87	100	156	214	163	3350	2171	98	134	85	97	144	75
5670280	748	469	379	712	604	659	688	785	806	685	937	262	935	619	419
5080138	72	208	8618	116	72	63	76	77	72	77	73	70	68	75	78
4760192	74	61	73	63	67	57	59	74	62	78	68	72	74	64	67
2650056	82	86	99	90	121	94	88	1966	3335	89	88	87	83	136	93
1850168	59	102	97	94	58	59	65	252	195	64	62	56	66	69	62
6770441	87	98	71	95	72	78	78	76	76	88	76	77	94	63	82
3060703	130	72	41	107	50	83	94	8814	9363	78	66	78	111	61	57
2810504	89	76	51	80	105	355	356	299	284	125	135	89	114	93	217
3170431	128	148	126	237	168	131	132	1058	678	208	314	216	162	302	159
6660162	90	144	4010	375	100	89	77	80	73	91	81	88	101	77	327
7150324	79	155	115	116	126	68	75	69	69	105	89	95	87	104	79
2810687	278	172	78	268	163	409	341	301	285	275	212	168	232	211	229
4490544	82	57	53	42	40	51	57	84	92	44	42	44	81	47	46
3990561	83	137	82	221	2656	5503	5105	201	199	78	102	63	79	228	69
240220	66	381	90	169	77	54	61	136	93	98	52	104	62	61	74
6370754	43	44	37	44	48	39	42	103	154	42	39	45	43	43	43
3140349	52	58	53	55	68	64	53	75	81	54	60	58	57	56	67
5910612	57	58	84	71	73	62	56	272	251	50	68	56	68	74	57
4200722	36	44	47	47	41	39	46	380	826	40	43	41	43	44	38
6660368	38	69	45	62	41	54	46	57	62	77	45	63	49	48	61
4590477	104	211	85	166	103	98	101	128	105	149	101	109	106	118	215
1400142	54	53	67	72	77	75	70	68	66	62	76	75	79	56	57
270470	72	54	55	62	66	62	64	65	77	74	52	58	63	64	66
6900170	38	44	41	41	42	37	39	37	41	39	39	39	30	41	43
3170450	104	103	74	82	95	83	97	151	153	131	138	73	115	81	49
1450446	51	46	74	53	45	50	62	50	43	59	54	69	61	65	58
5670709	101	92	106	122	115	102	105	89	74	90	91	81	101	86	77
6770408	114	165	58	114	60	127	113	171	201	124	141	92	106	75	70
6290494	185	281	150	323	108	129	141	207	173	225	268	204	166	162	138
6020170	110	465	213	387	220	372	333	1859	1756	164	179	188	128	147	117
5490068	53	475	57	223	52	40	65	127	103	99	61	698	96	224	69
4540414	225	219	145	249	152	110	132	84	78	194	171	174	193	105	94
3780437	36	48	38	34	37	44	34	46	50	35	36	37	36	41	31
3520338	67	97	102	60	55	79	83	91	85	80	73	111	62	51	55
770682	111	645	141	352	109	85	88	81	81	125	108	131	151	96	969
7330367	69	61	73	69	68	60	63	60	47	76	70	68	70	59	66
2370632	85	94	66	74	69	199	255	138	131	78	282	98	88	80	61
4760626	39	221	39	158	40	40	39	40	41	40	44	43	42	43	45
3180528	60	227	81	114	84	47	50	63	92	161	107	51	58	54	111
1230228	90	292	81	108	111	84	75	81	127	73	227	75	107	77	84

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4150598	8534	44	59	395	55	46	45	48	71	44	45	42	13691	36	222
3060273	52	83	46	66	6231	2272	2501	135	95	76	123	517	60	2781	427
7200601	146	1451	47	11199	57	75	82	284	438	132	72	85	160	94	684
7650026	389	3355	56	15498	63	130	128	942	1354	307	159	137	450	186	1886
1850315	177	1840	88	71	92	98	98	75	75	66	78	59	185	79	59
2490070	70	77	61	65	78	68	70	107	97	78	69	64	71	61	222
1300240	79	90	72	15625	76	78	73	70	76	74	60	73	76	77	92
6980762	59	96	43	48	53	39	44	65	70	314	51	46	64	43	11425
7380670	143	1072	79	184	70	100	106	89	81	75	77	78	112	79	80
5340220	44	46	42	45	81	44	48	46	55	43	41	45	39	39	39
6100360	56	60	48	159	50	41	48	40	44	45	46	44	39	43	50
3990577	50	58	67	64	60	68	61	63	59	56	53	64	67	75	70
1710692	71	49	61	47	81	1133	1152	60	71	61	54	100	55	56	58
1450468	58	58	66	60	183	469	408	87	89	92	47	206	69	267	44
6250040	199	266	317	249	282	147	157	248	211	402	352	316	222	400	142
5890170	47	40	57	56	46	47	49	48	43	48	54	49	47	50	53
2100296	89	79	96	99	71	69	62	109	111	90	69	72	76	97	78
3180681	68	91	76	68	62	53	49	47	63	82	57	89	52	68	57
7650538	96	152	181	138	155	72	80	75	64	103	66	139	76	118	70
4060438	110	91	62	91	194	187	188	85	90	320	159	209	150	252	96
1660767	92	46	59	50	1780	876	869	253	178	50	62	150	71	13490	55
1570309	61	81	166	53	88	64	68	293	224	66	74	69	60	73	67
4610669	53	89	64	59	73	76	81	598	821	58	67	75	62	58	62
1990731	85	81	63	80	666	819	752	123	119	70	73	66	219	139	135
7610441	70	113	57	200	1109	410	405	70	73	69	58	63	81	80	80
5670129	46	52	54	52	50	45	48	274	206	50	48	45	45	42	45
7050220	54	70	52	68	69	102	99	61	79	61	51	87	50	67	70
3140131	42	64	48	53	55	50	46	87	83	66	48	45	40	46	41
4880138	5380	56	47	61	1587	3531	3713	52	83	69	43	370	11312	95	79
5340458	109	101	70	85	84	111	114	96	125	113	91	116	93	89	99
580181	85	80	54	53	70	83	76	72	82	87	56	103	66	62	72
3940520	534	1761	515	1225	446	586	677	361	297	638	563	730	485	430	212
4220326	73	73	80	63	56	117	112	61	61	87	78	74	72	56	64
2320215	130	93	64	76	85	95	98	106	133	110	73	94	98	71	123
7100541	91	142	73	86	69	75	76	305	280	272	75	292	81	80	127
3360707	48	45	48	42	48	45	42	81	70	55	60	52	47	44	50
3450286	57	48	202	63	65	79	69	99	106	53	78	69	68	56	56
840494	33	43	44	41	111	54	57	40	38	42	48	42	35	57	43
6770131	125	2701	44	2275	51	84	81	42	82	92	45	47	3404	136	474
4610333	72	130	65	152	62	59	52	48	63	60	61	67	163	58	66
6350192	73	67	373	69	76	82	79	71	63	70	69	78	57	209	218

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	][145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
110189	57	55	204	60	66	54	58	49	60	57	51	60	52	154	66
2480431	63	59	213	60	77	83	71	51	54	49	60	73	52	181	58
450020	79	59	18061	1193	64	73	75	72	75	60	56	110	601	58	57
620202	83	84	219	91	77	70	73	88	87	74	73	109	80	81	96
3930379	98	121	88	152	139	198	200	145	101	131	153	88	107	117	135
7100431	67	122	82	133	68	77	71	72	70	197	103	240	93	90	97
5490301	258	149	327	236	100	113	98	234	122	200	172	180	149	108	127
3890601	77	61	72	56	78	64	66	83	64	72	79	66	77	69	60
1240195	45	40	39	41	37	40	42	447	376	43	35	33	43	38	45
4850528	75	62	61	53	75	68	67	1514	1158	58	77	63	65	59	69
2650075	43	45	62	40	43	42	38	459	426	42	41	42	43	43	50
5900608	73	73	86	72	82	66	74	551	479	55	60	72	79	68	112
20112	47	49	53	58	49	46	41	48	43	44	46	53	45	45	49
2900064	101	62	59	78	80	70	63	59	55	63	56	63	107	75	68
4850070	52	53	55	58	40	48	49	75	89	2219	56	62	56	52	54
1090451	59	67	87	76	75	77	74	76	90	3643	89	97	75	80	127
3420554	47	139	52	100	42	64	65	1074	747	54	46	43	37	49	41
2970370	196	107	97	164	1208	1076	960	831	925	220	146	97	175	387	58
7570753	95	55	49	48	80	181	212	371	406	92	111	72	102	99	66
6290008	89	58	59	60	129	132	139	54	62	97	138	85	84	175	73
1510014	330	285	245	391	540	398	447	1212	786	316	366	442	235	314	273
7200609	78	75	84	84	342	84	87	81	69	74	73	84	82	349	73
520176	46	54	50	61	228	64	69	44	44	57	45	65	41	411	48
4210678	169	123	90	167	1224	2144	2225	116	114	74	70	233	184	868	128
7040019	37	42	42	42	52	129	140	44	46	54	47	46	42	138	43
110347	131	116	171	74	89	84	74	255	319	92	132	90	117	128	195
4120427	59	83	59	211	60	39	45	65	53	51	47	58	51	47	59
1260762	73	73	81	21924	73	63	80	85	85	115	70	72	73	56	69
1510332	72	75	88	20146	70	72	70	90	83	104	69	55	70	78	77
3140373	45	43	57	19281	42	45	36	42	42	41	43	43	47	38	38
1580437	49	56	60	18680	50	41	40	72	79	118	52	49	40	41	41
770739	559	91	114	21084	78	70	74	89	76	68	76	74	1544	76	77
1050168	61	5071	48	300	39	42	45	45	47	182	42	45	94	50	218
3310093	260	227	143	110	343	316	335	147	166	190	420	143	432	345	159
1570039	981	602	342	447	492	351	346	1309	1045	572	572	1077	559	310	419
6200168	108	477	190	326	153	245	240	137	178	135	183	131	122	158	249
4010519	151	49	47	53	48	44	57	50	94	7084	44	56	3156	47	20541
2480424	154	317	559	185	107	101	99	94	93	225	157	494	117	216	298
3850064	198	176	129	506	253	389	340	133	136	132	266	135	170	110	243
3450332	47	57	11924	63	56	57	55	62	52	60	57	43	50	47	46
4780139	184	89	53	73	13443	354	385	213	155	66	80	93	104	1435	91

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
6330187	86	3117	386	674	77	52	54	59	70	156	54	138	107	100	99
6840739	85	1187	234	262	72	77	74	73	69	100	85	101	92	95	94
6420687	66	58	67	75	68	74	47	70	60	64	74	59	63	57	75
7150132	686	395	517	624	463	156	162	479	201	289	235	523	293	236	170
5810253	160	227	79	169	145	114	104	114	92	148	175	129	148	194	81
2710452	47	123	44	183	41	48	41	49	42	69	43	58	50	53	156
7400598	70	78	70	87	121	101	91	113	89	95	78	69	78	765	228
770615	48	42	54	43	45	44	48	40	43	45	42	45	44	43	43
290136	59	71	58	124	50	45	42	51	54	45	50	50	70	46	49
6450746	47	54	48	64	41	45	44	39	43	40	46	40	47	44	45
4250626	121	246	97	333	278	94	94	95	91	99	95	96	148	89	784
5390474	45	39	38	42	125	152	171	473	199	43	41	46	46	503	46
4480301	54	59	50	61	56	49	44	764	581	47	88	80	55	44	49
2690519	59	51	56	57	51	43	49	332	302	55	70	75	39	50	46
2260615	765	465	310	508	451	316	318	613	470	581	693	833	491	469	316
4780373	86	87	71	85	85	81	71	625	523	66	73	64	108	72	230
6330593	82	87	299	63	190	185	187	139	157	89	236	846	92	199	49
940646	63	57	106	70	79	89	73	72	74	70	94	197	64	80	80
6900414	76	76	78	91	79	65	79	82	80	86	77	68	81	98	73
6400465	223	316	260	316	150	65	69	78	85	199	72	276	188	100	182
3850603	81	68	56	118	449	312	350	82	68	82	77	109	77	370	64
2350132	50	287	35	127	268	251	260	39	39	71	48	59	42	210	43
130754	53	46	43	156	522	556	602	42	47	44	59	62	52	381	45
1510291	104	541	107	397	157	267	247	3750	6293	1071	187	102	104	121	156
5960224	60	214	56	121	69	112	118	1019	3040	445	105	78	74	83	70
5490689	60	65	110	58	402	82	81	57	73	230	64	61	58	1163	111
6400603	53	94	62	74	47	41	42	49	54	91	52	57	50	65	82
1410603	441	319	233	369	230	307	319	339	357	331	349	149	717	239	292
2760239	50	59	55	55	171	109	120	54	53	60	48	54	54	55	48
450132	276	237	93	223	297	129	142	206	195	333	356	117	249	206	71
3420372	91	114	57	62	57	69	81	96	148	74	102	87	103	63	111
1300187	205	316	82	382	99	192	191	110	130	280	175	101	210	127	249
3610170	62	100	69	11717	74	100	88	71	125	70	72	915	72	62	72
6350475	75	98	72	71	84	81	73	72	78	56	67	157	57	66	67
6590438	58	1477	46	63	42	41	40	70	74	46	44	44	101	44	43
1260722	56	1836	57	58	56	48	56	60	63	57	54	50	57	53	47
4010592	91	70	68	69	59	57	67	87	78	57	69	64	113	62	78
7160739	64	71	67	59	57	64	57	84	77	65	71	57	55	55	69
2650370	642	479	223	540	334	224	257	282	330	751	294	844	429	446	429
2570220	193	212	183	260	230	291	294	159	392	301	403	302	389	266	422
3930372	65	81	12726	64	68	62	59	66	68	71	63	56	71	58	68

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7560497	48	48	52	48	1377	1836	1753	42	44	52	37	46	53	51	53
1510424	159	1770	76	14208	47	57	63	54	60	63	45	46	398	58	54
130338	51	44	93	64	44	51	59	47	45	55	48	51	48	48	137
1690563	58	54	1964	139	53	46	52	46	46	139	41	119	110	55	2261
4050291	37	37	70	40	42	41	43	40	37	45	46	40	61	43	423
3710022	47	54	12096	56	52	52	51	69	54	73	40	74	51	41	162
2350482	69	68	53	76	71	67	63	126	167	53	65	60	73	51	66
5050270	127	60	73	53	58	61	62	110	158	163	66	71	115	64	75
3850767	158	72	60	85	611	5093	4359	223	206	324	119	224	182	322	252
4900520	285	229	84	202	2431	1600	1522	72	63	131	98	1373	125	2017	71
5260343	151	226	79	210	5355	4778	4327	367	269	212	381	493	111	1552	48
520370	134	72	73	63	64	74	61	77	71	65	70	84	123	59	106
6840154	552	713	41	1071	45	40	49	40	104	235	55	38	402	36	1114
3130706	68	84	71	73	64	68	66	71	76	72	58	67	69	73	581
3990278	98	163	44	83	47	198	188	42	60	57	41	61	65	105	51
4890021	87	50	37	46	3493	7798	7821	67	77	78	55	76	112	1648	48
5720379	150	65	75	79	92	82	96	125	88	79	147	84	203	81	141
5700441	48	50	41	56	46	44	53	49	50	55	79	57	92	55	76
6770333	44	56	75	51	41	40	47	42	38	62	43	46	51	42	49
1050563	47	44	18136	54	45	51	55	50	61	51	41	51	39	46	48
830095	46	44	46	43	53	82	84	40	40	46	44	48	44	62	52
450246	48	54	62	59	64	62	71	65	62	61	59	72	52	60	81
2970112	89	91	72	85	80	72	71	69	74	82	103	81	81	76	84
1710356	68	59	50	63	59	72	60	65	51	83	45	58	59	63	68
510561	45	51	46	48	60	39	38	41	46	48	46	46	45	53	39
5670082	68	53	51	63	55	62	63	51	70	63	57	62	69	47	57
730093	38	164	114	43	144	126	132	43	42	38	37	40	41	35	40
730148	70	77	144	68	59	58	65	125	99	83	103	61	78	65	61
4220053	66	139	317	77	49	60	50	305	483	85	68	218	79	134	181
270301	68	66	70	73	327	278	275	69	69	65	54	69	59	78	62
2070372	80	69	75	78	3520	1935	1982	90	91	69	69	98	70	61	72
1580653	90	70	78	87	78	91	82	206	355	89	84	84	83	82	82
10066	53	50	470	56	45	47	42	59	56	59	47	68	50	46	52
3120286	53	47	60	58	2028	1064	1063	57	65	75	53	75	51	240	54
6480450	42	42	357	116	2485	383	453	43	55	54	47	91	43	40	78
6650152	54	67	1732	70	50	65	63	57	64	52	59	62	60	73	69
2570672	101	15260	52	54	44	43	39	66	79	72	45	40	273	42	48
4670138	189	621	3731	65	72	67	64	60	74	104	48	142	178	51	44
20609	147	197	60	111	83	170	153	56	58	150	54	75	147	101	232
4480390	44	43	36	49	46	56	59	37	42	42	40	54	41	36	34
7380152	428	248	437	266	476	433	470	137	171	420	384	491	528	404	511

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2810762	68	52	49	69	57	66	71	79	79	65	54	52	64	52	58
1740692	55	71	67	89	91	67	65	68	71	61	79	71	68	60	80
2450452	658	1589	1488	839	652	304	304	360	418	454	246	1039	768	471	2704
4850576	39	49	580	45	43	46	39	43	47	46	45	39	33	39	41
510133	610	341	316	335	1017	464	427	2059	1423	563	686	194	446	371	213
2640598	71	65	74	72	65	58	63	301	122	51	59	56	63	59	46
6330730	215	158	294	76	57	138	181	82	114	139	858	343	346	152	168
4560228	60	62	59	48	57	50	65	62	46	59	73	74	51	59	55
4610201	82	78	95	101	93	78	83	77	78	76	95	92	72	71	73
6510156	84	124	70	142	57	136	133	228	103	89	213	68	81	60	61
5390767	45	56	54	46	60	60	81	51	69	56	65	59	54	65	61
5490465	85	65	60	63	60	65	61	67	65	75	73	82	79	72	70
6960438	62	92	59	106	70	81	81	74	77	82	72	67	79	65	88
4060025	65	61	73	56	61	58	65	69	70	68	71	82	69	67	67
4850711	95	102	74	126	75	92	85	68	59	81	90	79	74	63	78
3990497	201	322	191	374	191	196	160	94	79	151	142	195	157	127	186
4200711	84	76	53	66	97	79	75	95	80	78	63	101	73	80	95
3180647	88	91	65	102	74	77	76	56	72	90	98	97	82	82	65
1090196	48	67	53	71	62	57	63	55	50	50	47	45	56	56	62
5260280	186	93	122	100	75	89	96	95	93	95	133	74	204	94	79
6290091	302	231	246	148	147	122	146	94	95	183	330	392	195	92	296
2710687	68	80	72	64	76	84	79	63	72	61	93	143	64	87	63
6270731	58	65	76	59	51	77	72	65	65	83	74	61	75	60	69
3840091	102	110	94	96	73	91	93	73	76	99	102	101	101	81	99
2510164	1621	486	1497	278	521	1456	1378	284	3941	1190	946	786	1190	569	1722
580161	732	499	1172	125	219	844	686	105	1412	540	463	303	533	282	827
380685	2045	894	2003	315	476	2417	2457	255	5789	1200	1414	742	1424	758	2672
4210044	82	84	81	59	62	107	117	229	100	90	205	112	100	78	102
2450020	63	65	68	66	63	84	93	48	88	91	111	92	78	63	59
20543	59	66	58	53	70	66	83	94	199	71	94	78	82	66	83
4390044	53	49	63	43	66	57	65	53	68	75	64	67	52	65	62
3870156	54	62	46	42	62	56	49	57	59	70	59	64	73	56	56
1850273	94	88	58	117	67	92	87	61	64	88	114	90	99	86	87
3310037	48	47	51	61	67	306	297	110	140	84	57	67	41	72	43
3370736	402	276	282	343	144	2386	2341	174	326	340	1429	142	441	240	271
5310368	39	777	39	49	43	45	41	44	44	44	44	45	43	44	50
160433	45	38	55	42	45	43	40	46	43	48	42	40	45	44	48
2070735	268	238	135	270	512	603	631	1957	1416	477	551	270	399	394	274
3710711	671	510	252	656	756	895	832	1541	1539	809	1120	352	821	558	566
6860138	59	74	56	58	3568	4487	4154	74	73	65	68	80	48	451	57
5340692	145	219	73	154	146	192	174	424	238	220	68	114	141	122	110

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270347	160	856	68	316	88	150	170	97	101	185	155	167	130	121	180
2690577	74	50	71	69	64	44	45	251	113	59	49	59	48	49	52
870475	68	74	63	94	73	63	56	245	123	73	64	68	81	78	60
540014	64	61	58	61	1499	892	844	90	96	58	82	82	56	559	75
6040433	60	66	47	82	2277	1709	1658	47	49	76	44	226	49	1022	43
4810730	133	342	76	464	1452	2731	2647	84	80	197	69	83	139	76	83
3180639	64	53	41	73	3914	2527	2435	79	92	69	55	225	97	2685	39
60017	70	67	64	72	78	63	60	70	58	63	61	59	65	59	68
3520768	60	65	41	55	8451	4376	4247	49	45	54	47	173	62	4279	51
4280192	1743	64	59	76	78	69	69	63	69	74	75	74	1672	76	61
770255	87	70	94	74	93	74	85	118	167	86	115	83	97	95	72
1770603	39	46	34	2404	38	40	49	50	50	899	32	34	52	49	6342
1410192	69	64	74	60	112	117	110	776	855	561	84	106	78	94	79
1230672	251	1784	50	17337	37	43	48	44	38	65	44	42	261	40	163
4040632	56	94	58	17653	73	66	64	65	57	87	65	56	58	64	73
4730376	44	46	44	36	40	45	39	48	48	19401	47	60	46	44	376
4900634	41	50	8271	309	43	43	45	69	79	54	45	77	43	38	38
4290209	205	285	185	226	399	109	101	87	82	136	109	114	213	264	317
940674	80	117	59	114	38	42	38	52	47	38	46	49	91	42	88
3360762	95	82	85	65	94	170	191	645	316	92	85	71	91	122	108
6180750	34	35	40	65	41	34	40	39	43	41	39	37	40	38	62
2320168	46	51	52	64	44	44	46	48	38	55	41	43	38	38	47
6980470	47	34	46	354	42	44	38	42	41	110	44	44	47	45	256
2640301	63	65	208	60	67	38	52	41	43	54	45	64	48	51	48
6100484	66	58	46	60	52	63	62	61	58	204	59	79	75	69	218
6060376	65	60	69	62	114	85	91	2917	3467	84	105	83	94	117	96
2570161	412	486	148	279	413	126	114	83	79	360	83	99	573	426	184
990441	43	59	52	58	41	40	50	45	46	7251	37	45	44	45	63
4730564	181	123	86	99	556	251	279	621	340	175	102	158	139	289	54
4890092	89	143	70	132	82	83	77	85	82	89	98	120	88	75	102
430300	56	55	76	69	67	55	63	64	55	1205	59	59	59	55	66
3850326	41	44	44	50	42	42	41	1505	2616	43	55	36	40	42	46
2030709	92	104	19281	709	63	1827	1897	82	93	66	94	82	85	68	104
5260253	34	39	42	37	39	42	44	83	83	49	37	36	33	39	50
6040731	46	45	53	48	44	48	40	44	45	49	37	39	41	56	34
6420605	75	249	231	214	71	74	66	73	71	107	64	71	138	109	164
4250367	74	91	82	73	68	65	60	98	105	74	82	69	64	62	72
3930086	948	539	508	716	463	810	662	545	479	782	870	1121	589	522	762
6580059	267	162	201	439	127	128	141	131	161	560	114	334	281	249	551
1070088	55	290	195	170	72	52	61	63	52	62	60	54	47	62	72
6370703	47	45	174	278	42	39	42	31	42	44	50	36	48	37	45

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
6860392	68	4719	10302	579	71	62	64	88	75	61	57	66	75	78	92
2190408	886	52	55	43	49	51	54	61	71	57	47	65	404	69	49
3390215	68	51	63	63	60	57	68	69	70	54	55	63	57	60	58
7000619	82	99	82	57	79	69	81	78	78	77	83	88	81	76	118
5420189	66	43	44	54	52	51	47	8081	5934	60	46	64	52	67	39
5570181	69	55	57	66	57	54	54	6429	5804	77	65	66	64	65	66
5810730	44	37	38	30	41	37	34	452	584	43	40	44	34	44	41
5900228	67	51	60	59	67	78	60	1886	2906	56	59	66	67	63	69
5360601	94	69	110	79	94	83	80	7536	6697	78	84	75	74	71	70
7610524	55	57	64	54	60	48	55	1179	1407	44	48	60	52	56	83
2850619	83	78	77	173	2928	1340	1285	83	97	99	84	102	83	594	79
3130372	80	444	53	65	184	78	68	67	52	49	50	81	81	49	48
5910414	42	70	39	64	73	71	82	41	44	45	46	44	67	77	49
5870091	57	68	62	74	72	89	108	54	51	58	55	63	61	73	57
1090008	37	47	15202	51	42	47	43	57	73	40	102	823	44	38	41
70451	205	347	414	346	350	207	195	126	128	197	192	331	186	375	373
3710026	46	52	49	51	45	48	52	287	516	56	48	46	45	43	57
4260286	82	63	111	72	90	96	95	485	482	106	88	84	79	75	77
2810451	56	60	1128	46	41	38	41	58	59	2237	44	40	53	49	329
5700431	118	124	78	151	102	146	148	343	342	180	202	154	145	86	131
1240746	62	66	64	70	77	68	67	821	716	73	67	64	78	73	68
2710343	67	65	56	50	47	51	51	46	45	51	48	48	66	48	58
6840202	69	64	65	72	63	85	100	65	67	80	143	123	79	61	71
6940431	68	134	61	73	176	403	405	58	67	76	64	109	58	61	65
4490743	48	58	58	57	51	56	53	2310	1633	51	51	52	49	57	67
4810632	58	57	61	58	51	64	71	2301	1739	61	60	63	58	57	61
5220753	65	64	63	66	84	69	61	1573	1665	68	63	70	56	64	60
6200091	66	64	67	74	63	59	61	133	271	51	47	57	65	55	71
2690279	74	53	43	45	1058	1686	1443	65	91	88	272	123	49	82	34
6590523	155	289	150	181	217	163	161	346	335	197	57	76	95	83	158
670414	60	57	63	58	41	87	84	49	66	53	60	63	49	53	50
4490288	43	43	47	63	59	55	56	43	40	52	36	40	41	78	39
6580717	89	86	212	119	95	56	56	999	1527	87	66	85	86	98	72
5560411	174	166	100	136	98	237	244	222	340	234	243	229	170	140	234
1170154	130	139	147	99	112	129	147	76	92	130	194	104	119	107	118
3290152	112	117	111	79	86	140	143	68	89	124	154	92	110	87	74
3310592	4952	3297	1970	3683	8673	4889	4920	7423	2519	4931	4624	1349	5531	5612	838
3450750	9560	5963	3849	6886	14059	10157	8874	12916	8271	8299	7251	3862	10542	13050	2312
3400070	183	144	173	136	130	144	147	239	188	170	157	135	108	110	126
20603	404	379	267	493	195	150	141	359	164	190	227	374	220	131	176
6580113	51	58	69	58	62	54	65	62	53	68	60	54	54	75	79

ProbeID	[[143], Prostate Within normal limits rep2, MBA_2286	[[144], Rectum Within normal limits, MBA_2289	[[145], Liver Within normal limits, MBA_2294	[[146], Stomach Within normal limits, MBA_2297	[[147], Brain Within normal limits, MBA_2300	[[148], Fetal Brain total RNA, MBA_2338	[[149], Fetal Brain total RNA rep2, MBA_2338_2	[[150], Testis Within normal limits, MBA_2280	[[151], Testes total RNA, MBA_2313	[[152], Thyroid total RNA, MBA_2312_TR	[[153], Ovary total RNA, MBA_2314	[[154], Adrenal Cortex poly A RNA, MBA_2315	[[155], Prostate total RNA, MBA_2316	[[156], Dorsal root ganglion total RNA, MBA_2317	[[157], Salivary Gland total RNA, MBA_2325
5870008	92	214	129	201	68	65	61	58	82	178	118	94	137	96	306
7050201	71	95	54	64	52	55	68	64	55	59	67	59	56	52	178
150735	52	58	62	63	70	89	80	61	47	60	54	53	57	49	55
510066	67	71	68	74	75	77	83	63	57	69	67	53	84	131	99
1470162	67	71	72	68	58	60	74	75	66	75	67	75	57	62	91
3520168	185	124	71	173	517	270	262	17903	20770	230	190	79	251	108	277
1980538	61	78	79	77	717	586	583	73	51	58	69	59	65	74	72
5820026	80	144	69	146	125	64	67	72	64	71	77	84	91	85	84

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
4850086	51	232	64	47	50	70	45	194	39	36	36	43	421	364
6110592	85	163	139	72	58	70	161	52	62	77	199	156	98	252
3190082	46	53	51	52	55	54	46	51	59	67	50	49	46	44
1450100	44	72	38	44	43	37	45	52	59	47	42	59	43	41
5490382	47	49	43	51	11199	47	43	48	45	52	42	41	62	56
3520709	80	81	74	75	76	86	62	213	75	72	73	74	75	61
3120681	49	47	37	62	11758	40	42	54	48	39	35	47	40	43
2030161	75	259	74	99	375	52	67	66	63	58	60	86	75	71
270709	63	85	58	73	9820	68	80	74	70	57	65	84	66	75
2320377	46	39	43	43	14901	47	41	41	43	40	42	41	42	44
1260270	102	88	100	75	141	126	159	104	1092	1560	102	121	88	82
2760274	54	52	488	45	65	59	130	473	45	48	64	49	47	47
2650736	44	42	50	48	3274	49	44	45	55	51	56	47	51	57
5910010	82	4279	87	91	20146	72	78	122	84	76	65	83	98	109
5310524	55	130	85	92	71	115	81	76	196	208	56	58	116	113
3780156	47	88	42	51	46	53	47	42	35	51	80	49	54	43
1050561	91	79	71	161	8560	63	66	374	73	68	75	122	66	81
2480040	39	38	40	45	51	39	41	46	44	58	38	45	40	49
5910309	40	10193	35	35	35	40	35	48	33	42	32	39	3887	844
5810050	54	115	111	147	132	140	99	105	611	423	63	69	84	175
1030184	40	49	877	72	256	43	134	51	60	54	49	60	51	47
3460279	49	42	47	55	9689	54	45	50	55	56	43	42	46	47
4570364	69	182	11674	64	18315	102	94	148	72	66	80	102	78	81
6380020	74	62	72	79	21428	65	70	62	66	60	59	62	66	70
3780468	66	62	12096	48	229	49	63	58	63	54	61	80	65	50
240541	51	54	7295	47	11546	50	50	43	52	48	47	50	48	46
2630010	58	60	6040	59	17024	57	53	63	51	61	56	54	59	60
1740669	34	34	34	46	12868	56	39	45	37	42	41	52	40	46
2340577	44	43	63	45	45	52	46	51	45	45	46	54	49	50
1850521	72	57	61	46	55	55	71	66	48	51	50	60	70	62
2650594	66	53	78	54	59	99	76	68	517	507	167	285	162	47
130110	49	65	44	72	134	88	47	75	45	52	69	54	85	57
4830376	39	52	53	41	55	49	50	58	76	52	48	53	145	2417
7200435	1358	828	515	107	268	127	210	65	119	227	390	356	112	636
6290239	4426	1991	66	2744	61	119	59	84	67	83	269	81	109	1591
2480241	71	247	215	326	189	265	165	146	261	299	84	135	179	728
5080561	71	309	185	178	195	152	140	99	307	404	97	83	200	160
1770253	43	39	40	40	43	44	41	42	43	38	43	47	38	42
6280440	109	172	65	48	40	45	98	75	115	50	376	50	162	166
3450347	48	40	53	73	41	50	50	43	44	45	43	50	43	45
3170100	47	267	47	112	37	57	60	50	66	45	52	43	55	183

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
2600554	84	69	78	70	64	64	84	93	64	77	69	86	63	108
2510253	178	312	95	185	51	136	109	86	72	100	247	277	143	367
7570477	76	155	238	142	236	242	183	232	1100	1036	114	78	90	177
7510424	143	233	406	300	363	413	256	389	1746	1007	279	180	211	247
6040452	63	65	42	100	61	53	73	65	56	66	98	54	61	64
1850068	98	129	119	196	320	107	128	126	145	122	126	173	158	113
6110440	61	78	64	78	83	68	67	73	65	64	64	85	79	77
6960035	38	44	52	58	42	39	50	49	45	42	45	50	40	46
7050215	55	45	44	39	39	75	40	38	42	39	41	42	40	39
1710242	203	1308	361	215	145	266	244	195	443	516	635	292	320	263
4890670	95	62	75	77	77	70	81	85	65	93	72	78	73	83
4540468	365	1066	62	105	61	62	68	76	70	58	96	66	1046	456
6510360	132	206	291	204	238	196	145	326	272	189	162	123	216	165
6110102	116	78	340	71	65	323	65	114	63	72	73	115	88	126
6110152	48	45	47	141	53	50	43	53	66	58	45	41	44	55
2490044	69	90	102	98	75	101	102	123	116	165	68	72	81	126
1070224	43	66	43	58	47	45	52	40	49	50	61	82	71	55
2070377	75	72	64	84	61	69	88	133	68	53	282	94	87	119
2000128	44	56	45	38	9303	8618	49	39	136	50	1649	43	48	105
6100241	4018	139	62	62	44	42	66	51	3856	2839	43	46	83	132
6420689	68	65	63	62	55	82	60	63	54	55	74	52	51	53
6060347	49	54	48	68	43	41	52	55	46	45	56	54	53	40
6040156	76	107	71	87	56	74	67	86	78	75	163	84	110	72
3870593	4263	54	75	64	65	60	65	247	71	69	63	70	85	65
3610180	46	45	44	39	42	42	41	48	45	50	49	39	44	43
6450403	43	38	43	40	5282	46	46	45	41	39	49	38	40	45
4260280	74	104	64	101	66	257	61	76	68	56	228	61	228	65
6650215	146	82	202	126	72	352	112	105	90	74	421	109	82	70
2190139	48	45	66	42	39	57	9333	44	39	42	41	46	41	45
4850170	43	37	48	46	37	41	50	39	44	41	52	44	42	42
5310343	44	51	47	42	40	51	44	43	59	55	42	46	51	55
3710176	92	116	79	101	101	180	74	68	77	65	473	112	79	81
1450671	81	88	117	101	102	153	109	119	569	768	123	667	151	117
3830598	46	47	72	57	52	54	75	64	47	66	48	51	5744	47
3830170	254	399	140	125	180	149	116	161	282	422	300	298	171	860
5340348	63	111	107	74	83	807	73	63	107	134	109	91	72	76
780356	55	49	100	48	63	66	97	56	54	62	65	63	57	61
5360070	53	420	439	103	57	79	345	68	319	357	224	163	272	218
6250672	441	668	114	91	65	96	59	408	87	76	2146	235	507	64
580100	81	500	343	75	60	98	219	70	65	103	100	93	94	59
7210136	108	52	88	55	62	55	148	74	4351	4581	133	138	53	43

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
1170671	159	147	392	88	333	543	370	219	1117	2175	822	1177	213	89
1580411	158	133	375	99	344	503	291	222	1088	2088	856	1304	207	86
20129	289	556	726	236	395	3849	651	486	5848	5744	647	978	334	177
4220068	73	86	76	74	82	63	77	79	852	110	150	3975	78	54
3940504	670	119	348	99	435	117	706	738	9303	5233	306	468	130	94
770167	275	208	216	141	295	119	293	204	6377	8055	343	402	152	143
4200451	49	76	69	51	48	43	59	55	64	70	51	50	79	62
3460152	37	78	72	51	47	41	52	43	62	64	59	56	81	58
2940398	47	67	93	53	62	49	71	54	105	92	51	61	58	60
2260424	60	72	62	59	68	74	77	67	66	58	55	54	59	64
1260025	310	464	224	292	219	311	315	343	497	490	320	358	349	511
5260014	46	281	269	62	60	62	165	59	164	191	55	61	159	121
2360632	96	53	595	71	66	150	4460	76	58	66	1302	73	759	90
6350437	47	106	57	65	44	66	61	61	67	155	65	50	594	388
4920019	71	75	71	70	68	68	65	64	72	82	81	79	66	73
7050053	48	68	68	56	58	60	74	68	67	49	68	63	62	59
2350730	65	54	66	56	62	68	65	53	53	59	57	64	53	4075
6860446	81	92	71	81	65	92	87	95	88	83	78	108	78	83
6840609	82	64	66	67	58	74	73	75	77	70	161	68	78	61
5270022	47	48	59	42	41	55	43	51	61	47	208	48	49	56
2650484	40	40	48	38	52	43	36	47	49	46	49	48	49	42
5550372	86	71	69	75	69	68	77	62	85	66	91	59	63	63
1580487	134	381	254	270	80	164	221	174	479	850	125	83	101	365
6420356	55	40	374	90	43	43	236	97	42	84	44	49	10860	40
5290711	41	98	48	54	55	40	40	44	39	37	47	45	54	45
780528	160	953	627	279	294	485	438	171	679	480	1123	453	862	355
5670722	80	66	9880	68	82	67	2917	65	75	63	78	59	62	70
3780291	102	421	3894	227	603	203	272	225	441	851	250	287	254	316
2650673	44	42	49	45	42	47	45	853	46	53	42	46	44	42
7160376	79	86	75	74	68	71	63	75	68	61	65	65	375	60
6370414	56	80	57	63	83	131	72	63	1801	1017	107	143	136	50
670398	72	129	82	72	95	76	85	78	62	82	103	107	107	102
10187	195	236	128	142	143	216	128	167	590	500	500	541	376	197
6100139	47	77	51	59	49	53	44	48	51	46	49	48	65	1000
3390372	43	61	57	70	49	57	51	53	47	42	59	39	54	44
1450392	54	49	44	43	62	51	46	55	58	58	48	54	45	49
4010136	59	75	60	48	43	62	48	207	82	66	54	55	88	62
5390113	216	236	264	155	276	369	284	215	2423	3160	513	1051	470	138
580754	50	40	41	41	45	40	44	44	46	46	48	47	48	38
2260445	62	57	59	50	58	65	64	61	66	67	54	64	97	68
1170047	685	2628	5950	634	366	3514	2857	1302	2924	1048	7167	1501	3774	3689

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
5860048	241	111	166	73	199	102	227	203	2798	234	257	326	111	76
360296	58	71	67	89	114	143	80	62	81	89	205	109	216	415
540685	72	56	54	52	2721	75	75	57	58	55	49	152	59	59
4280440	77	81	117	65	114	56	136	81	70	60	73	86	73	76
3830202	51	53	49	47	40	40	48	53	61	54	52	51	56	47
4010095	44	44	45	52	63	56	39	46	60	59	82	52	51	51
6900377	37	40	43	39	43	36	43	47	47	50	58	42	46	42
7650739	63	55	65	78	95	62	72	77	54	61	64	55	65	63
3870608	122	444	193	410	193	312	204	362	254	265	137	157	192	1144
6370541	19666	500	44	43	47	47	55	39	86	46	348	47	87	45
5860674	56	52	64	66	77	54	56	56	65	55	65	71	50	62
5820551	65	67	70	73	79	66	68	70	71	62	60	83	60	70
7510128	84	73	62	59	64	57	96	88	78	70	74	67	75	74
1230603	75	61	72	81	88	73	67	93	60	67	58	85	70	88
2710504	51	38	43	47	41	52	39	46	41	47	39	42	44	44
5220196	204	223	261	178	234	201	255	187	561	452	188	180	252	253
620041	46	40	39	44	39	46	43	43	47	42	38	43	44	44
6580626	48	46	63	96	54	189	75	85	252	104	51	54	52	54
2100711	48	59	61	105	15087	67	51	284	123	65	50	66	53	55
2260274	68	113	126	43	714	76	37	46	50	46	85	102	64	49
4850746	75	112	75	74	59	58	55	60	65	72	55	70	1131	60
7380678	51	123	2015	695	398	77	467	62	40	33	43	185	35	41
4890750	117	129	97	104	83	86	121	101	184	184	86	107	140	132
5960672	301	746	478	464	313	438	593	831	834	1018	266	332	582	825
870477	90	57	14008	61	122	51	69	60	49	72	61	65	70	55
2230341	53	64	21428	73	104	72	81	79	62	59	54	61	65	74
1770497	52	57	20541	50	57	62	87	62	66	49	56	64	68	70
5550553	113	77	68	114	68	68	69	60	121	120	158	82	134	79
4890671	366	996	69	77	207	59	64	80	77	69	68	83	104	78
20192	172	174	140	154	74	148	239	197	141	193	142	141	135	154
5900017	38	43	50	62	36	50	45	49	57	60	51	39	43	52
7040100	39	49	50	41	51	45	40	41	36	41	45	47	67	41
6220209	6963	36	8371	58	45	2580	926	72	42	47	460	48	42	48
5570703	57	59	59	61	83	72	64	63	60	63	52	61	56	65
1190091	95	100	77	411	90	87	92	97	77	73	63	72	80	93
2370768	46	50	41	49	46	37	39	43	43	54	40	43	48	44
6420736	201	658	122	136	393	76	328	77	65	56	155	77	1246	774
2450411	231	741	114	117	399	63	300	63	60	44	109	57	1686	710
5720465	251	719	158	149	398	81	443	100	96	70	141	114	1883	762
450736	70	87	74	65	74	77	76	67	76	79	71	75	72	70
7550086	44	38	39	42	46	42	42	40	41	37	48	39	40	46

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
940746	45	51	64	46	44	41	69	48	55	40	48	53	53	44
4280132	44	57	58	53	55	62	45	58	55	63	49	46	47	55
4280504	46	47	50	45	52	46	48	50	44	44	45	44	48	47
6330553	187	284	477	269	166	186	532	304	294	460	378	312	174	210
2100743	225	548	2133	932	440	372	1830	779	930	1273	648	478	373	480
6560523	128	202	614	180	151	132	513	234	275	426	216	151	149	167
5340338	79	392	446	99	162	110	636	125	463	309	114	190	196	162
6650196	190	354	155	156	177	122	183	222	873	658	264	261	229	465
6350204	74	75	79	76	73	70	63	74	69	73	61	70	56	71
1170605	298	327	192	227	71	248	303	549	323	378	388	549	287	213
670333	986	58	517	38	35	41	485	42	58	42	53	42	49	74
1410240	1134	41	351	46	39	44	207	40	46	41	46	40	55	59
6370356	932	103	98	94	171	67	180	242	57	66	67	63	3020	5905
2510356	38	43	47	55	56	59	44	38	43	63	43	64	56	43
5270468	50	49	49	43	48	48	41	41	47	51	49	40	50	46
1030209	38	44	49	51	43	43	43	42	47	38	57	39	52	51
4200437	490	476	403	264	226	352	408	191	333	390	618	527	584	623
830543	36	52	45	39	43	50	35	46	45	55	47	37	48	39
5690112	55	63	53	52	69	60	45	458	88	72	44	46	91	51
3360095	72	1346	80	101	411	83	79	94	163	87	1512	80	4796	5270
7040678	59	762	40	43	58	48	46	46	47	58	54	2946	88	68
4200541	235	392	194	158	329	437	312	178	2399	2653	398	635	286	311
2370646	45	43	53	55	49	48	54	50	52	48	47	53	45	48
5130100	43	40	54	43	40	44	55	44	80	46	46	43	46	42
1660243	37	41	47	61	50	41	44	47	44	45	40	45	50	43
6220307	77	60	1340	64	67	104	392	57	61	50	62	55	67	65
3460446	68	69	330	72	69	76	82	77	77	75	69	88	70	78
2940403	370	646	444	1153	171	443	424	305	996	1074	861	416	520	395
1580215	175	218	354	115	111	109	213	84	145	164	239	312	190	487
130463	294	128	4003	132	59	84	5117	56	76	80	358	427	1158	85
4120703	37	44	44	42	46	55	46	38	123	156	64	70	46	57
6980367	52	57	54	67	1505	3013	51	54	74	66	58	87	57	60
3180156	55	56	60	69	57	59	71	65	2051	53	41	61	57	71
3780193	81	59	74	48	55	40	111	60	5200	2533	84	103	66	40
5130255	49	43	41	56	16651	77	39	957	44	42	41	286	39	44
2850703	59	54	53	113	19666	132	56	2205	61	71	54	568	55	65
7400072	63	70	60	91	17653	121	70	1756	71	65	64	474	68	65
7210240	75	72	76	218	17491	65	55	224	65	76	83	423	69	67
5270619	270	256	199	267	261	496	219	244	2276	2818	395	582	1000	233
2030451	44	45	42	40	47	42	48	44	47	44	42	42	37	46
10504	50	66	52	54	43	81	67	51	38	50	50	45	47	43

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
2230008	36	39	39	50	17259	931	37	841	39	38	41	300	41	45
3180025	41	46	40	39	4920	106	40	67	39	56	41	49	47	40
2480228	72	61	64	75	12187	79	66	82	59	55	66	80	70	78
6110022	72	74	72	86	9592	74	69	60	70	86	74	75	72	60
4290014	388	677	361	296	474	245	399	312	506	485	497	560	410	436
7550368	309	1161	84	302	103	127	74	73	70	71	310	84	824	1389
7000575	67	310	78	71	82	166	71	63	89	68	182	65	126	1674
5700095	68	65	70	64	55	68	68	57	61	64	61	55	63	61
2570500	302	147	65	144	180	65	73	161	71	71	73	139	84	97
1660341	59	126	63	64	92	97	80	93	66	107	72	264	209	171
1400433	57	84	72	67	48	70	60	55	78	75	54	112	107	101
4610592	73	57	482	72	2601	1462	1043	2000	92	58	508	497	58	63
3170204	55	59	44	308	44	139	44	43	55	40	1933	44	63	47
6860154	43	42	40	16951	540	45	47	39	57	55	46	13799	42	38
1260468	43	47	207	115	53	47	69	50	60	51	87	3557	44	42
4780278	61	57	65	62	17415	57	59	1078	63	54	61	824	74	54
240053	58	81	170	76	251	100	132	68	122	143	105	71	118	82
4610520	1156	38	3655	608	58	57	5991	487	75	65	2088	252	51	64
3190167	49	44	54	42	49	52	43	44	49	46	47	38	42	43
5340730	69	71	67	48	58	65	58	70	56	59	64	55	79	69
940692	38	42	43	36	40	45	39	41	37	42	33	42	41	40
7320193	55	105	57	55	45	60	50	7654	118	180	73	98	73	45
6330477	76	78	83	70	83	65	87	19815	72	75	65	66	65	56
2340553	85	117	91	103	93	127	145	168	129	156	90	99	100	127
1660184	45	636	52	44	67	52	44	43	48	50	44	45	54	40
450368	63	59	46	86	51	56	56	67	47	37	85	68	80	64
3830044	73	73	112	61	63	73	105	84	45	47	65	121	109	144
6290554	61	85	73	71	64	96	81	80	98	364	84	75	85	70
3830332	72	73	1610	85	141	62	3388	167	55	68	77	131	70	71
1050414	128	95	82	100	11633	125	89	85	176	191	299	1072	190	87
780600	705	447	784	1353	375	1322	1536	450	3823	2872	3240	2718	1402	318
7050333	85	99	81	85	1312	70	70	72	92	76	73	91	68	79
4290465	53	159	381	81	65	56	504	68	52	59	51	53	110	62
5720482	125	329	504	741	497	625	351	660	895	278	292	214	218	142
5260070	465	717	286	682	214	550	705	514	133	210	1182	503	819	749
610201	157	723	481	105	73	120	376	185	145	87	749	255	137	253
5570279	461	292	583	325	619	332	620	417	502	181	1332	436	1986	328
290730	111	1068	620	407	771	179	776	448	228	219	1019	362	777	1274
6200669	152	538	272	150	366	117	522	264	870	295	482	268	443	498
6290685	76	88	67	54	66	83	89	72	113	102	124	64	89	72
6110630	1534	2583	1341	712	2096	1475	1607	1191	2332	1970	3602	1223	3924	1910

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
5050402	326	445	306	108	422	223	299	310	429	536	730	259	679	337
2970019	47	322	117	56	50	91	119	58	95	73	208	47	494	143
610451	407	363	248	259	376	263	511	383	551	481	1867	704	1909	205
6100022	277	363	306	289	326	232	485	397	590	398	1092	419	1235	193
870301	71	57	1303	533	225	96	185	68	68	80	362	441	67	75
5260091	43	61	47	50	57	46	47	42	63	68	49	50	47	55
3460608	70	51	58	66	77	61	70	78	65	74	57	66	60	62
6590131	94	73	77	73	18600	670	82	67	75	57	1113	424	74	72
2140196	58	477	85	62	15260	63	68	56	69	69	64	70	128	197
990091	71	54	65	133	14797	66	68	107	59	64	73	63	61	73
2260747	80	61	71	67	55	84	64	77	95	71	79	55	63	64
3170403	64	68	60	79	5467	68	54	54	70	61	64	68	55	51
5570711	63	75	141	70	72	841	137	68	142	240	2839	224	77	54
4920131	36	127	43	47	40	43	45	45	46	45	43	43	44	72
3290368	38	45	42	58	10088	144	38	45	41	36	42	541	38	44
4120161	127	44	52	64	43	40	45	35	66	43	40	55	82	43
6200044	58	51	54	50	41	49	46	54	52	59	47	40	65	49
5420386	53	73	62	79	192	85	81	73	50	78	59	48	65	59
1230538	45	44	75	48	51	49	101	52	55	48	73	47	66	45
380259	45	70	84	57	57	650	71	55	93	162	2688	170	69	58
2140376	72	68	70	71	54	61	66	57	75	74	81	62	58	62
870626	80	77	102	78	125	79	66	77	62	69	91	64	66	77
4040474	54	250	96	55	84	66	83	64	94	78	66	57	145	57
7200719	486	906	387	907	398	595	588	496	535	719	657	1106	598	758
2100196	378	820	1365	849	1667	1229	887	425	528	461	3374	1174	1021	383
2690224	351	494	350	296	300	270	280	455	453	409	646	675	340	508
730722	60	128	71	78	8673	68	62	73	63	76	75	75	71	93
7610170	133	41	2017	50	387	68	4709	108	78	42	53	54	45	41
6960563	55	39	295	118	129	55	71	60	37	38	40	45	33	39
7320349	121	81	84	120	94	107	118	124	86	76	107	216	86	76
6960739	62	75	94	72	72	70	62	66	50	70	69	80	105	76
5390435	47	53	50	49	47	49	56	37	55	42	56	47	43	61
4060192	119	96	113	70	65	86	206	115	92	80	106	54	141	113
6220309	62	74	59	81	51	77	79	133	70	83	137	72	80	84
5490711	48	50	53	54	62	43	39	43	53	47	47	57	57	115
4390291	76	73	74	79	69	74	79	82	71	72	62	71	70	68
2000274	38	40	37	41	40	37	36	38	37	49	43	46	40	46
6960259	65	67	68	118	71	64	68	92	76	65	83	74	69	61
3370544	165	71	169	5612	99	77	56	1036	65	73	73	486	74	83
3130711	72	70	71	79	86	69	65	64	77	83	76	71	71	65
4810703	178	176	257	158	134	225	416	592	87	70	273	235	84	175

ProbeID	[[158]], Salivary Gland total RNA, MBA_2326	[[159]], MP Breast adjacent normal, MBA_2209	[[160]], MP Colon adjacent normal, MBA_2211	[[161]], MP Kidney adjacent normal, MBA_2213	[[162]], MP Liver adjacent normal, MBA_2215	[[163]], MP Lung adjacent normal, MBA_2217	[[164]], MP Rectum adjacent normal, MBA_2219	[[165]], MP Stomach adjacent normal, MBA_2221	[[166]], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167]], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168]], Uterus Tumor Adenocarcinoma, MBA_2318	[[169]], Kidney Tumor renal cell carcinoma, MBA_2321	[[170]], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171]], Breast Adenocarcinoma of breast ductal, MBA_2255
6660671	116	93	111	90	64	105	152	141	48	47	262	155	67	92
1940193	74	138	85	79	92	70	92	70	324	1465	95	84	107	72
990112	117	85	71	164	92	85	97	80	81	87	85	185	116	78
4810424	43	42	38	32	39	42	39	39	39	35	47	40	133	90
580292	56	66	57	56	62	53	60	80	55	56	68	56	65	74
2320296	42	67	43	41	86	143	52	44	45	48	47	49	50	45
3990739	232	81	222	188	95	87	132	99	92	93	116	113	60	64
2030259	45	45	37	50	41	42	41	38	42	39	44	42	40	35
5490040	75	73	77	77	93	75	70	75	77	67	69	70	60	62
6400703	110	127	91	125	104	95	125	149	246	771	82	90	99	155
1570184	55	59	75	70	52	69	138	55	141	84	85	58	55	52
3610730	709	98	59	43	59	73	86	60	298	306	114	81	103	71
7380392	61	140	68	132	107	89	75	71	73	71	75	79	54	95
5900273	94	82	83	85	87	84	86	68	83	76	72	83	85	76
1510075	43	34	47	44	40	37	51	47	42	58	42	45	38	44
6860634	48	46	42	55	44	72	56	43	80	56	120	46	45	54
6620259	242	88	84	124	81	143	69	76	85	75	144	81	83	93
540204	84	125	88	139	94	458	130	154	72	69	109	271	1739	174
5080259	67	44	51	55	50	100	46	41	45	44	61	109	686	52
990086	40	74	42	51	47	59	51	58	38	39	53	52	62	63
3140259	45	43	56	73	94	82	38	52	48	46	48	45	45	47
2100189	240	292	218	170	94	170	211	125	278	317	227	329	274	224
4250246	359	855	972	657	667	479	590	885	137	139	156	392	728	700
1980079	100	86	104	91	78	71	99	285	89	82	90	118	81	73
4850300	171	364	114	270	42	110	193	62	57	99	437	118	354	1306
6520440	76	74	280	56	89	53	212	196	52	50	387	64	60	292
4210561	182	257	198	303	84	179	270	251	282	319	114	220	391	2476
510632	88	244	80	70	70	116	61	78	97	80	126	60	216	407
4050398	1061	8299	309	53	63	50	86	62	57	52	44	50	44	54
5960524	71	72	59	55	63	60	74	74	67	55	66	79	69	60
460202	64	53	42	47	40	39	47	46	38	41	53	46	108	46
3780491	86	70	70	77	68	58	67	75	72	73	76	62	71	73
5290707	266	287	71	66	67	77	75	76	73	61	85	80	161	114
1450619	36	45	44	3165	14311	38	53	35	44	39	39	51	44	40
3190524	103	358	231	177	155	161	230	251	987	620	92	104	169	425
3840445	900	1068	54	144	60	162	56	47	126	56	375	57	640	865
2060414	56	54	66	81	124	55	62	62	51	79	58	59	54	58
5860289	315	112	33	39	43	43	34	46	45	39	70	41	142	193
430446	103	1142	64	44	38	50	42	48	50	54	81	49	130	135
7040142	119	123	85	94	478	290	114	78	256	263	202	133	104	118
3460685	58	178	79	181	947	768	141	109	593	397	475	242	179	169

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
5490358	48	45	50	72	54	66	67	46	48	44	35	43	44	47
4390100	55	192	183	189	43	232	250	156	131	115	690	55	171	79
3140427	64	62	146	64	56	70	144	75	65	65	66	70	70	61
4390398	2758	120	1486	1833	365	486	1566	2457	96	82	14797	160	102	266
520465	40	60	85	43	50	43	46	45	46	38	38	44	41	43
1570148	42	39	45	41	2251	42	42	47	39	35	40	47	50	41
5860528	72	72	107	78	67	77	689	80	57	67	2417	181	85	64
3180615	67	63	68	64	57	103	67	116	65	68	237	96	74	65
6840209	54	58	12369	52	1876	95	12680	1021	83	64	50	50	58	50
3710161	75	66	61	71	57	61	71	78	83	77	97	60	66	64
1470168	40	44	42	54	60	45	48	46	45	50	42	44	46	45
2900343	39	36	44	38	35	33	32	38	37	39	36	36	36	37
6420450	332	294	311	460	2727	328	431	485	2801	1198	339	1262	239	554
4220482	48	47	53	44	52	39	47	45	45	50	45	47	42	48
5260672	99	84	74	83	74	71	105	18680	73	67	79	67	71	77
6980632	458	798	277	262	73	275	76	114	229	128	918	121	929	415
6660687	86	128	98	114	124	107	104	109	129	129	87	121	107	92
2690438	75	86	65	71	117	70	65	63	136	86	83	90	75	90
5270551	48	125	107	84	70	58	69	76	147	112	50	67	59	77
240343	50	56	64	58	60	54	57	72	60	50	62	70	55	53
1240408	84	83	58	59	48	77	71	58	64	68	66	86	89	104
4480528	65	212	67	53	78	117	60	68	80	125	66	311	216	345
240386	95	111	108	254	81	99	137	211	132	81	171	99	87	194
3780767	153	237	144	1420	553	101	222	68	89	98	476	310	98	89
6620373	77	81	82	163	60	101	87	139	93	79	147	74	67	124
3930669	119	1155	65	84	622	63	68	5153	60	49	61	56	1317	99
5490307	87	60	75	61	86	71	70	72	60	71	69	79	77	82
3060187	75	300	203	505	343	514	183	686	1313	1228	111	168	141	580
2490132	117	58	53	73	168	49	82	80	491	133	77	1858	53	42
4150685	134	106	89	99	82	76	86	67	141	239	117	124	106	152
2260037	342	244	854	196	348	124	824	279	73	94	788	234	479	325
1260064	220	550	2001	884	91	117	321	2527	136	155	153	224	226	264
1660220	99	217	125	161	122	106	136	158	124	140	148	144	112	133
6400484	58	352	63	63	73	54	55	60	58	59	76	76	735	82
4850189	46	44	57	46	49	51	50	45	36	43	95	44	57	45
4760196	76	69	68	85	3410	58	70	64	58	63	59	67	63	63
670670	42	52	45	54	2485	47	42	52	42	47	45	35	45	51
6370008	67	62	324	368	72	52	151	67	58	65	58	929	77	77
4490594	4478	5584	5848	12007	10542	12815	6984	10899	8244	10302	5210	6086	10650	15315
2970152	57	72	67	64	66	63	75	88	70	57	83	56	54	68
1820288	78	85	73	74	67	74	68	75	80	102	71	146	203	123

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
3360327	122	102	75	55	80	71	80	59	105	94	94	85	86	78
4480762	75	62	63	75	61	56	72	68	65	67	71	74	60	68
4280093	112	137	84	156	176	198	98	176	139	305	106	230	288	255
3850367	98	170	118	88	73	146	79	104	93	113	98	313	235	197
110333	124	130	68	203	61	422	87	53	90	62	1551	102	131	86
3610520	61	139	72	76	65	70	83	63	102	149	71	64	88	91
2710121	64	75	78	83	82	80	88	76	81	82	77	113	72	88
5670372	130	140	254	135	239	238	218	79	2000	2650	339	647	299	119
670066	55	73	61	43	53	65	63	54	56	59	60	68	65	65
2360739	66	37	64	63	66	49	71	49	5117	65	65	199	43	49
380519	59	93	65	65	73	83	59	86	77	109	73	140	181	83
4040113	74	76	70	58	59	75	60	80	90	68	61	80	79	65
6130152	75	64	485	149	156	85	633	78	81	82	98	276	83	108
5960328	91	82	18061	85	95	84	17653	765	98	77	80	79	1082	95
4590332	61	72	65	74	66	68	75	68	60	66	65	78	80	76
4780754	48	46	62	77	66	63	72	49	63	63	62	72	78	70
2120189	53	54	60	57	51	61	55	58	73	87	68	55	80	56
1410747	76	1251	82	64	62	69	88	74	73	70	51	63	993	208
5820746	78	73	92	74	76	82	81	99	71	64	93	83	82	81
6020242	70	58	64	80	68	63	77	94	47	46	72	181	71	60
6580088	85	105	107	113	133	368	109	118	1037	171	132	153	230	341
580445	912	224	515	174	1068	110	912	1046	380	342	1506	2601	125	134
6400414	57	81	79	101	158	95	66	139	105	132	53	58	51	107
5870653	614	306	57	63	57	56	52	63	47	58	65	60	361	380
5560707	62	62	66	244	79	58	75	70	178	367	995	475	65	64
6290450	69	50	56	54	68	65	65	56	56	68	66	60	63	53
4760673	75	63	72	60	65	63	62	81	76	66	61	75	66	73
6770706	53	64	52	56	63	52	54	54	60	55	66	56	53	65
6180546	60	56	53	55	58	61	58	49	55	52	56	53	65	58
4390386	90	68	80	88	67	157	71	99	87	76	79	88	71	76
6350091	50	49	55	54	87	54	49	56	50	50	61	52	55	60
1570286	88	72	86	63	63	68	75	57	77	72	62	67	79	80
1510519	62	84	66	74	59	57	73	69	73	76	76	93	71	81
60546	73	52	69	59	60	57	58	54	55	54	71	60	67	74
5700360	77	68	99	71	966	71	72	181	69	70	71	74	73	77
5420324	66	86	63	57	47	62	74	50	76	84	66	101	65	63
50291	68	61	65	73	68	70	66	48	56	67	74	67	61	67
2340088	66	53	44	62	46	50	55	62	59	49	56	50	52	50
6840278	60	62	59	50	57	52	64	52	58	64	58	59	55	61
2060372	231	972	172	394	365	429	210	373	667	897	122	166	263	1759
5720491	70	227	214	1124	402	208	248	224	316	266	94	139	110	343

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
6770746	84	157	220	78	69	110	149	131	449	445	104	85	119	219
5670280	430	506	384	571	642	410	533	762	668	880	233	315	416	584
5080138	74	96	523	1135	7208	72	148	74	80	53	203	789	79	76
4760192	80	73	80	71	64	79	68	76	67	74	80	61	81	72
2650056	80	80	79	70	129	92	99	89	86	72	83	179	98	91
1850168	67	63	70	77	74	76	66	69	63	59	61	76	70	78
6770441	85	66	82	87	125	80	70	75	71	80	65	80	84	92
3060703	50	171	78	84	65	80	70	246	63	91	101	63	106	120
2810504	214	166	92	109	78	98	102	79	66	66	135	163	295	472
3170431	203	247	165	172	112	337	173	151	699	1602	179	335	285	280
6660162	335	313	172	189	1982	170	178	291	88	85	397	185	81	334
7150324	71	97	158	99	80	141	139	162	1808	2724	104	133	106	104
2810687	297	266	167	200	147	208	258	246	506	469	201	339	318	653
4490544	46	42	42	42	40	44	63	41	46	40	46	40	41	41
3990561	71	74	132	101	65	72	382	282	74	81	88	225	87	99
240220	65	729	610	82	67	195	412	76	79	134	92	122	107	98
6370754	43	44	42	46	52	46	41	44	41	44	45	37	43	40
3140349	81	58	85	66	61	64	58	57	60	57	52	72	64	53
5910612	64	66	69	74	72	63	68	140	77	70	69	72	62	62
4200722	45	40	41	45	52	47	45	40	42	44	41	45	43	43
6660368	65	60	63	62	70	96	77	50	636	861	86	170	87	51
4590477	207	182	279	120	274	330	282	254	3780	3359	367	658	242	148
1400142	56	68	55	70	49	83	60	66	73	55	67	81	64	77
270470	76	74	79	55	67	65	67	80	66	66	54	68	68	87
6900170	48	35	45	44	42	47	46	40	49	40	41	41	41	40
3170450	52	89	71	113	91	124	101	93	206	219	69	67	119	188
1450446	69	64	58	59	46	57	60	63	69	68	59	63	68	61
5670709	78	85	94	83	93	103	116	90	111	111	89	100	100	142
6770408	74	515	172	114	121	86	103	61	354	317	231	327	226	202
6290494	171	421	240	208	219	188	270	270	385	458	304	331	448	262
6020170	135	679	403	258	338	153	330	254	452	602	163	467	488	1222
5490068	69	168	135	93	80	464	358	100	2341	1587	187	164	134	98
4540414	100	183	264	255	199	217	191	170	289	303	131	139	182	284
3780437	38	34	2527	40	43	39	48	33	31	34	39	45	39	40
3520338	55	127	71	48	65	48	64	50	47	52	92	50	73	69
770682	843	641	283	103	528	132	508	764	3100	349	269	602	111	128
7330367	66	61	79	53	62	72	72	66	72	73	62	67	64	70
2370632	128	418	94	527	68	71	98	73	137	87	2322	271	2659	330
4760626	50	156	93	59	43	60	438	51	59	63	353	59	53	51
3180528	151	398	290	147	62	85	240	112	1850	3774	1346	737	1896	174
1230228	138	195	88	91	91	4192	89	112	219	78	6040	82	87	65

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
4150598	150	40	46	41	43	80	49	142	40	36	108	38	46	45
3060273	373	41	56	66	48	45	57	51	75	46	78	202	76	48
7200601	738	1240	173	3134	57	6308	2592	5517	142	61	6535	947	872	2548
7650026	2135	3744	511	8001	199	12770	6007	12007	318	84	12233	2195	2214	6716
1850315	66	76	109	65	74	92	4200	73	68	84	96	202	76	62
2490070	273	82	74	73	58	104	67	91	69	69	2996	112	82	170
1300240	97	73	67	79	89	192	302	12096	83	76	639	93	74	71
6980762	11123	19815	52	41	41	53	48	45	44	46	50	44	908	2009
7380670	93	2798	519	87	83	124	1398	101	202	281	338	85	1230	662
5340220	44	43	37	43	48	116	47	43	41	41	44	39	38	41
6100360	44	43	47	38	62	41	52	56	55	52	94	118	55	49
3990577	81	68	75	58	74	56	67	102	64	62	71	62	59	88
1710692	60	52	59	49	61	57	48	49	59	64	42	43	45	70
1450468	51	73	66	53	47	64	73	74	75	57	58	62	270	930
6250040	197	248	185	260	190	250	214	268	203	265	175	145	276	239
5890170	45	50	43	47	44	47	43	52	53	46	46	45	43	47
2100296	89	88	80	1422	96	12956	85	88	655	554	339	313	100	78
3180681	70	78	90	71	100	181	80	58	835	1195	219	334	115	57
7650538	70	191	183	166	277	277	213	121	1398	1794	241	605	290	152
4060438	89	149	60	110	74	447	72	80	120	88	179	4671	177	155
1660767	51	45	47	43	52	48	49	44	55	64	52	46	48	46
1570309	71	79	81	69	107	53	72	60	76	63	68	72	69	91
4610669	60	135	123	64	88	65	76	88	97	88	160	63	126	100
1990731	134	77	62	165	56	73	68	90	44	64	56	64	65	62
7610441	72	382	154	72	94	74	118	152	67	95	90	73	65	83
5670129	53	54	59	41	54	48	55	53	345	66	46	49	47	46
7050220	58	51	67	54	55	49	51	66	48	72	47	68	57	59
3140131	39	38	46	47	45	44	53	49	46	45	80	44	39	44
4880138	82	41	87	41	41	45	140	62	46	39	40	42	45	39
5340458	123	99	81	81	62	80	83	76	130	205	141	280	127	138
580181	61	86	62	60	41	71	60	59	105	177	76	96	93	95
3940520	228	614	1394	509	348	843	1537	906	1053	1194	252	615	393	869
4220326	82	83	1901	59	135	63	72	71	47	132	81	67	578	83
2320215	123	225	129	112	96	117	84	90	504	477	133	216	293	237
7100541	125	88	94	194	118	88	88	98	118	73	150	94	112	109
3360707	53	46	44	40	40	48	46	49	46	57	44	45	45	46
3450286	74	170	81	62	135	80	59	69	50	62	69	73	59	45
840494	38	38	41	41	44	40	38	53	46	40	42	38	34	42
6770131	506	112	14416	634	44	39	1006	51	44	37	650	43	99	261
4610333	83	55	1215	69	56	48	77	69	62	59	80	81	64	58
6350192	281	93	68	72	779	72	77	68	69	60	67	74	70	349

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
110189	63	71	62	57	510	55	53	67	45	51	58	62	61	155
2480431	56	70	52	70	289	57	54	55	66	66	64	61	53	146
450020	60	85	76	59	14961	108	63	424	54	59	77	52	100	70
620202	106	66	141	68	140	73	85	86	83	72	75	87	80	89
3930379	163	190	155	133	114	129	110	103	139	306	152	250	198	104
7100431	133	108	118	174	144	149	174	179	1228	1634	147	356	110	109
5490301	138	581	161	573	129	308	162	440	507	1137	114	236	356	771
3890601	75	99	77	65	60	60	98	71	75	77	87	72	64	65
1240195	41	36	40	41	41	40	41	42	33	41	42	43	45	45
4850528	77	68	68	67	55	62	73	69	72	56	68	72	79	59
2650075	39	49	51	46	52	43	47	44	40	63	39	45	45	48
5900608	75	57	76	72	103	79	77	91	86	61	75	78	71	74
20112	41	47	46	42	48	48	46	45	48	58	47	45	56	46
2900064	83	69	62	78	66	64	66	73	55	50	64	71	63	61
4850070	56	48	50	554	54	47	47	50	54	65	216	269	51	48
1090451	144	73	82	1428	64	61	77	78	74	53	495	767	74	78
3420554	43	85	128	62	54	49	107	48	89	101	47	43	97	89
2970370	61	129	119	740	228	593	168	175	189	134	248	403	134	124
7570753	80	876	57	107	50	92	67	50	64	59	101	68	73	151
6290008	80	76	56	77	56	69	58	54	51	50	66	51	84	82
1510014	276	851	352	442	274	425	422	409	612	673	291	239	367	422
7200609	68	62	110	78	51	73	83	74	71	77	72	84	1947	80
520176	46	39	82	52	61	41	57	42	37	42	40	47	1970	42
4210678	89	80	163	661	97	107	162	153	70	81	162	195	116	76
7040019	45	41	38	41	39	49	38	38	41	40	36	38	46	39
110347	215	249	227	100	152	133	137	75	200	170	193	150	193	229
4120427	65	61	49	87	67	52	58	65	50	45	55	67	57	63
1260762	58	60	58	81	80	60	74	21084	82	63	62	92	59	74
1510332	72	69	73	75	76	76	64	19281	82	66	80	104	67	77
3140373	38	39	43	45	46	51	40	21428	36	45	46	47	41	45
1580437	42	45	55	58	61	47	55	19666	58	39	54	78	53	39
770739	69	91	84	89	98	4496	92	20541	96	70	73	98	68	78
1050168	213	61	333	54	64	121	1677	65	37	58	569	105	66	231
3310093	155	234	125	217	170	233	206	102	197	231	147	157	369	424
1570039	397	812	340	1179	193	431	426	367	976	1122	288	1075	883	872
6200168	288	146	197	132	277	211	357	381	2679	884	587	781	168	176
4010519	19973	13301	45	45	54	96	46	48	58	64	196	41	18315	284
2480424	373	220	392	1214	636	581	305	371	3948	3415	462	536	302	302
3850064	239	235	184	149	222	173	235	368	340	445	171	193	192	138
3450332	64	81	58	94	7679	58	48	62	46	58	55	65	52	77
4780139	84	65	72	58	61	67	136	75	71	71	60	65	67	74

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
6330187	81	127	3836	303	278	277	2444	277	58	69	147	66	122	182
6840739	124	103	1531	115	170	148	839	144	79	76	105	77	96	125
6420687	81	57	73	71	71	60	57	66	69	85	68	73	66	62
7150132	162	484	384	532	196	511	552	605	1034	1335	142	127	277	718
5810253	74	326	160	159	78	147	191	176	247	223	90	90	187	242
2710452	137	66	77	46	61	49	179	268	2069	860	85	149	52	56
7400598	238	69	64	69	85	73	70	59	66	84	84	77	76	78
770615	51	43	46	46	42	43	40	45	38	43	48	51	32	41
290136	51	50	69	103	52	72	57	89	51	52	64	99	46	53
6450746	36	39	45	68	41	47	51	51	50	49	47	49	47	46
4250626	738	436	329	152	125	105	214	230	83	82	634	111	166	194
5390474	36	79	44	45	48	47	42	38	45	50	46	53	81	62
4480301	52	65	55	69	50	63	50	53	67	67	767	485	47	57
2690519	51	70	55	54	49	51	61	49	61	68	368	235	49	56
2260615	284	555	418	576	192	493	543	533	906	1129	318	360	567	900
4780373	244	75	66	58	82	172	80	58	309	67	94	86	79	80
6330593	57	76	73	5129	661	221	81	61	66	92	102	165	84	89
940646	54	58	71	720	154	75	80	70	67	57	72	70	71	77
6900414	74	120	75	72	149	67	95	77	73	63	98	178	127	105
6400465	180	230	353	285	315	797	367	163	2861	2630	591	699	429	384
3850603	84	72	86	83	76	75	67	92	77	71	71	74	120	71
2350132	42	40	419	44	39	48	257	68	36	35	244	50	94	45
130754	44	48	50	45	50	52	56	116	48	36	46	53	53	51
1510291	167	503	769	214	216	221	598	231	803	701	504	559	503	393
5960224	67	195	253	114	62	104	171	61	252	240	307	347	275	129
5490689	101	61	67	150	66	57	66	76	383	92	63	59	62	2857
6400603	73	57	85	53	135	90	76	60	641	1006	139	373	92	54
1410603	302	284	175	211	336	212	231	320	340	382	170	193	180	228
2760239	56	57	64	115	51	92	56	63	141	348	57	127	74	52
450132	71	278	174	309	194	216	183	145	543	469	106	95	172	609
3420372	93	94	66	92	57	68	117	59	190	229	191	98	63	77
1300187	300	186	237	260	231	168	361	269	105	135	204	717	201	467
3610170	74	72	15087	98	68	60	83	13005	84	57	180	933	74	63
6350475	91	65	1159	58	74	67	91	76	80	67	69	188	71	69
6590438	50	51	7630	41	48	44	2125	61	96	44	45	46	51	49
1260722	60	46	66	47	61	48	61	63	48	52	47	51	51	65
4010592	60	55	64	66	79	66	53	71	66	66	60	55	67	71
7160739	62	59	59	71	72	66	81	64	60	60	62	47	55	78
2650370	445	651	669	587	373	922	484	511	1502	2498	902	739	710	491
2570220	366	392	305	540	545	225	419	327	213	270	423	668	336	541
3930372	60	72	70	78	8843	59	59	64	74	71	67	60	59	63

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
7560497	45	51	51	53	45	58	45	48	43	44	44	42	189	45
1510424	54	79	417	64	52	304	3192	9465	58	40	628	41	58	481
130338	130	59	52	52	63	53	59	52	51	52	68	85	51	63
1690563	2039	172	86	83	1256	71	51	51	64	58	421	1003	103	469
4050291	431	41	41	43	64	40	38	46	47	38	132	60	44	44
3710022	170	59	56	52	10302	53	47	45	61	64	197	65	47	81
2350482	58	66	72	70	63	67	73	75	51	62	75	64	49	65
5050270	58	76	58	71	66	71	56	70	69	52	76	79	93	126
3850767	285	1252	73	363	52	121	69	67	118	251	640	104	493	322
4900520	68	89	355	103	90	90	394	162	68	76	85	124	223	115
5260343	46	129	322	188	129	59	247	275	81	62	196	81	609	101
520370	91	5491	58	85	64	62	72	58	69	59	1685	65	342	577
6840154	931	2199	174	94	49	118	324	567	51	41	13952	43	72	102
3130706	498	12506	75	71	80	69	67	68	80	65	225	82	2109	2737
3990278	51	151	135	58	59	41	155	69	42	42	43	38	97	46
4890021	50	141	56	60	54	68	54	54	83	72	70	61	141	227
5720379	132	88	78	75	70	60	91	70	68	78	87	71	295	320
5700441	63	45	45	54	58	47	40	47	43	48	41	48	204	149
6770333	44	147	65	58	66	464	37	55	62	52	228	70	328	47
1050563	52	49	49	56	16370	50	45	45	50	48	47	48	48	46
830095	43	42	36	40	46	47	44	43	42	39	40	38	63	52
450246	58	62	74	74	65	19973	60	93	645	68	62	78	64	65
2970112	77	89	75	78	141	10938	76	91	90	82	69	90	70	81
1710356	68	65	66	61	49	12051	71	66	287	61	67	58	55	78
510561	46	46	49	47	56	17337	48	49	277	46	53	52	47	49
5670082	47	48	56	55	65	85	52	52	55	60	44	47	49	53
730093	45	39	105	46	83	41	212	43	40	59	43	37	35	46
730148	74	85	95	94	117	86	69	68	75	67	90	89	99	217
4220053	158	78	120	292	263	210	103	69	231	581	299	455	615	243
270301	65	63	76	65	63	70	70	54	67	59	54	72	68	68
2070372	74	71	74	72	94	67	81	100	70	80	63	72	94	112
1580653	97	56	110	90	82	104	88	76	86	83	100	79	85	74
10066	45	48	51	322	440	46	54	47	62	53	45	2971	48	54
3120286	59	62	63	53	52	65	54	47	62	64	51	51	60	52
6480450	59	64	41	51	88	38	36	75	94	53	42	38	79	80
6650152	76	72	54	67	2140	56	60	74	57	60	66	74	79	47
2570672	44	345	4514	44	45	42	14260	61	52	40	44	44	57	66
4670138	49	601	695	517	2607	98	310	52	59	64	80	324	1446	74
20609	179	195	97	180	58	139	169	77	124	98	125	50	205	263
4480390	43	39	47	44	37	42	52	43	40	37	41	41	40	39
7380152	452	348	187	318	371	450	161	293	413	317	318	394	389	678

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
2810762	49	68	67	69	56	60	59	60	63	55	58	76	53	65
1740692	63	59	68	66	61	59	75	69	69	62	76	89	54	56
2450452	2707	2815	4032	1551	1959	337	1098	463	1021	748	2000	2256	942	5651
4850576	40	41	45	41	680	38	38	34	44	40	44	41	39	49
510133	230	1037	196	407	372	404	250	330	662	1003	149	226	288	1725
2640598	64	62	68	66	79	57	60	57	72	67	70	55	60	66
6330730	169	144	115	391	111	82	122	186	58	92	136	91	264	336
4560228	59	53	62	56	57	70	64	65	77	62	52	59	63	51
4610201	76	108	92	70	86	91	99	86	124	148	87	114	91	95
6510156	64	157	158	342	767	186	125	128	423	169	457	171	180	108
5390767	54	58	74	107	272	75	65	59	65	80	137	114	74	52
5490465	65	69	73	78	66	68	60	59	77	82	66	59	83	63
6960438	67	75	99	88	299	81	73	67	98	125	135	97	77	80
4060025	62	73	86	70	67	47	54	68	76	76	58	62	54	74
4850711	72	184	96	87	140	90	118	103	110	162	134	110	109	112
3990497	151	273	199	212	69	310	306	230	403	552	193	312	403	330
4200711	65	103	68	83	131	73	73	61	85	96	99	62	83	70
3180647	66	109	69	100	85	75	75	79	132	120	68	74	88	216
1090196	57	54	53	77	63	68	57	69	62	66	63	66	51	63
5260280	75	93	89	112	173	99	122	78	163	139	99	75	95	100
6290091	209	267	180	264	213	279	291	290	382	333	208	305	298	324
2710687	76	67	54	67	88	58	72	68	66	63	64	64	63	65
6270731	50	70	74	112	83	64	68	77	68	68	92	97	74	62
3840091	93	95	118	197	187	92	110	97	100	115	210	138	108	122
2510164	1197	1232	3223	16164	14106	825	5467	840	739	1306	12506	3921	330	253
580161	507	446	1262	7949	4671	563	1402	510	457	1033	6849	2111	173	261
380685	1806	1090	2935	13848	11924	1130	4311	997	640	2479	13301	6377	583	285
4210044	84	71	71	214	150	73	88	82	113	102	228	242	73	70
2450020	50	72	75	103	64	65	67	60	91	108	82	144	83	59
20543	109	78	63	314	102	65	77	69	76	56	128	94	68	55
4390044	64	55	65	98	58	66	70	61	56	57	74	67	62	55
3870156	62	52	55	66	59	61	57	69	63	64	72	106	64	69
1850273	107	106	71	112	67	117	125	107	164	186	96	200	149	94
3310037	45	71	44	51	50	41	48	46	50	52	55	62	46	56
3370736	355	879	387	784	195	240	308	514	151	215	1012	333	666	460
5310368	42	67	11348	35	43	43	1555	60	75	41	50	50	43	40
160433	49	43	49	44	43	40	41	46	50	45	52	52	41	42
2070735	217	298	198	355	363	259	168	281	487	938	305	444	438	565
3710711	633	686	428	910	949	454	605	602	935	1750	538	871	780	1590
6860138	51	56	81	59	69	68	80	58	42	61	64	55	63	61
5340692	90	209	191	120	66	96	187	141	371	497	87	49	183	250

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
270347	211	269	1277	151	92	342	715	130	125	356	271	119	158	192
2690577	44	234	56	56	49	63	52	51	67	65	47	53	67	322
870475	70	161	58	77	86	82	61	65	70	70	85	67	91	380
540014	70	53	62	48	60	83	64	66	55	63	59	102	53	74
6040433	44	43	78	52	34	70	63	54	46	48	42	43	560	441
4810730	80	76	841	514	77	71	492	481	64	60	64	1285	948	70
3180639	39	36	77	39	38	43	111	71	42	39	44	39	798	259
60017	66	70	72	74	67	69	61	68	71	71	73	73	68	85
3520768	52	45	139	98	52	44	191	47	42	48	45	50	41	42
4280192	64	130	78	75	78	115	78	83	115	116	98	77	63	66
770255	61	56	76	68	69	64	67	73	101	120	67	67	77	54
1770603	6118	92	49	40	56	39	44	2957	40	43	485	57	296	303
1410192	92	127	66	102	64	86	59	77	70	52	64	69	64	71
1230672	118	661	835	41	52	40	2212	11839	47	42	794	42	1334	685
4040632	79	72	80	65	227	50	109	14106	97	68	115	63	51	69
4730376	387	43	41	51	41	39	43	41	51	45	42	51	49	41
4900634	38	43	2082	94	6517	64	98	429	39	41	104	44	44	47
4290209	433	217	269	247	233	479	313	220	392	1249	445	380	256	421
940674	83	121	198	61	77	59	119	59	38	36	69	68	95	117
3360762	81	90	89	80	74	87	93	69	129	93	102	100	92	175
6180750	51	38	40	38	43	34	39	53	43	41	48	42	37	48
2320168	49	48	46	45	61	48	42	40	47	52	40	41	42	50
6980470	269	139	62	64	68	95	46	133	53	50	705	53	183	74
2640301	53	67	55	72	52	64	59	55	447	261	104	79	59	53
6100484	220	78	64	54	75	83	62	66	93	72	68	55	77	67
6060376	94	69	86	63	62	77	77	88	60	77	79	163	91	78
2570161	248	183	421	189	139	188	505	485	358	327	118	133	425	775
990441	77	52	56	56	53	48	53	49	51	56	46	48	48	58
4730564	56	204	89	92	80	104	104	77	146	203	81	53	162	289
4890092	148	102	116	138	63	105	133	88	174	162	128	155	136	236
430300	61	56	67	50	55	64	48	61	53	68	69	63	55	59
3850326	43	42	41	53	47	42	43	39	44	39	46	42	40	42
2030709	76	86	84	80	22716	83	97	573	75	82	73	197	69	77
5260253	48	42	45	43	42	41	40	46	42	47	41	42	39	39
6040731	45	43	41	79	41	70	38	46	55	42	47	39	39	42
6420605	95	223	1363	286	1097	277	203	224	1267	1107	2156	3083	97	83
4250367	73	85	80	88	102	87	88	69	78	66	270	123	69	72
3930086	644	879	718	688	440	703	558	651	763	1056	660	853	801	2349
6580059	545	1541	381	308	491	1015	277	319	2463	2030	2184	1431	454	379
1070088	63	64	344	73	167	81	164	83	52	56	63	338	44	61
6370703	45	37	55	147	140	42	40	65	42	35	39	209	43	46

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
6860392	72	85	10231	233	8645	60	74	594	77	251	138	256	76	114
2190408	56	511	43	46	49	59	49	39	45	46	45	46	48	59
3390215	50	57	60	71	51	55	74	62	437	68	70	59	53	62
7000619	134	104	66	74	85	83	72	53	236	391	113	241	126	81
5420189	53	59	42	53	43	45	46	48	38	47	45	52	40	44
5570181	55	78	52	73	46	51	60	65	56	51	53	53	66	47
5810730	41	37	39	38	36	41	35	38	47	40	36	35	46	40
5900228	96	57	59	62	54	70	50	61	53	59	58	80	57	65
5360601	93	100	79	84	64	91	78	109	75	73	74	76	80	79
7610524	69	53	64	70	68	72	60	61	61	48	62	67	60	56
2850619	84	74	76	78	79	65	94	84	72	65	104	82	541	570
3130372	43	46	366	49	58	55	684	136	42	52	58	54	40	57
5910414	42	49	48	46	59	42	51	54	44	41	45	42	49	470
5870091	58	59	65	59	89	72	66	63	60	56	66	60	59	545
1090008	37	39	35	47	16230	40	32	44	50	52	41	42	132	42
70451	349	278	490	419	709	1346	534	422	3240	3713	763	1581	797	286
3710026	46	66	58	53	49	39	48	44	48	50	53	49	62	66
4260286	104	98	84	162	104	90	81	70	72	305	146	124	89	95
2810451	241	42	52	2265	896	124	49	60	41	44	58	106	42	47
5700431	146	294	107	163	120	128	109	118	100	142	187	285	229	255
1240746	63	73	70	71	57	81	109	62	74	64	112	73	66	89
2710343	57	56	43	89	51	51	76	49	106	128	103	70	53	39
6840202	95	91	83	85	50	67	75	80	66	52	82	63	66	98
6940431	62	61	206	173	64	62	110	55	88	76	56	176	60	60
4490743	73	51	53	71	56	69	60	71	75	59	51	61	51	67
4810632	63	54	57	66	53	569	66	60	87	70	62	57	73	51
5220753	54	59	61	75	49	558	64	70	122	71	62	67	66	59
6200091	64	62	68	67	81	95	64	67	72	72	59	65	63	87
2690279	37	52	63	42	39	188	61	46	51	65	576	50	48	48
6590523	147	118	198	224	85	96	301	179	102	261	81	74	123	118
670414	53	54	46	62	41	52	58	65	61	60	54	63	62	61
4490288	40	46	42	46	53	40	39	40	39	52	47	42	41	52
6580717	82	86	139	138	244	454	92	71	62	87	185	393	159	103
5560411	250	219	276	201	101	120	144	121	233	284	235	276	196	202
1170154	102	153	126	99	86	88	101	89	110	116	167	141	120	121
3290152	76	170	132	109	73	65	107	67	120	100	160	125	132	136
3310592	933	1597	2001	3319	4729	5129	2092	4541	4311	5189	1775	1975	4910	7127
3450750	2551	2854	4138	7187	8874	10193	4083	8937	7381	9820	3498	4532	9242	14059
3400070	138	258	175	155	90	168	145	236	203	228	149	193	190	717
20603	148	414	330	356	286	321	406	526	676	1072	127	166	217	499
6580113	54	70	69	77	57	57	60	66	55	60	59	64	49	54

ProbeID	[[158], Salivary Gland total RNA, MBA_2326	[[159], MP Breast adjacent normal, MBA_2209	[[160], MP Colon adjacent normal, MBA_2211	[[161], MP Kidney adjacent normal, MBA_2213	[[162], MP Liver adjacent normal, MBA_2215	[[163], MP Lung adjacent normal, MBA_2217	[[164], MP Rectum adjacent normal, MBA_2219	[[165], MP Stomach adjacent normal, MBA_2221	[[166], Lymphoid tissue Lymphoma extranodal marginal zone B-cell, MBA_2268	[[167], Lymphoid tissue Lymphoma follicular, MBA_2269	[[168], Uterus Tumor Adenocarcinoma, MBA_2318	[[169], Kidney Tumor renal cell carcinoma, MBA_2321	[[170], Breast Tumor invasive ductal carcinoma, MBA_2324	[[171], Breast Adenocarcinoma of breast ductal, MBA_2255
5870008	415	150	208	131	358	391	276	183	1262	3388	973	1824	249	120
7050201	141	58	90	66	64	59	84	77	59	78	96	61	69	76
150735	50	62	51	52	62	52	71	48	53	53	52	786	63	49
510066	90	71	68	72	71	80	68	74	74	65	72	74	62	69
1470162	71	59	76	82	85	75	74	74	64	81	73	58	64	76
3520168	211	236	176	729	200	584	142	125	158	86	5330	945	90	93
1980538	68	63	86	64	82	63	81	53	69	64	77	67	69	71
5820026	63	70	93	95	89	166	156	71	82	60	146	79	81	86

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
4850086	45	45	44	84	52	48	42	40	47	102	46	35	49	46
6110592	167	215	112	72	505	69	121	257	74	114	229	63	67	265
3190082	50	50	62	57	59	52	45	55	46	72	46	51	58	53
1450100	43	40	44	40	55	40	53	48	43	47	105	46	45	43
5490382	46	51	46	46	43	47	46	43	43	40	46	41	35	38
3520709	78	69	639	62	74	69	164	76	63	74	79	65	71	929
3120681	46	37	44	41	53	45	41	50	44	38	54	40	46	43
2030161	56	66	67	57	68	87	67	60	74	60	66	67	58	60
270709	71	63	74	68	60	65	78	81	92	96	72	62	73	81
2320377	47	33	44	40	43	38	42	38	42	42	38	44	36	44
1260270	111	106	955	133	122	113	156	542	253	243	89	94	78	1473
2760274	42	135	211	53	57	45	750	102	51	237	91	52	48	271
2650736	49	45	48	44	42	48	50	48	45	48	47	43	53	50
5910010	71	66	73	70	97	63	72	84	86	65	62	68	68	112
5310524	110	102	244	168	191	75	151	137	156	150	63	110	134	89
3780156	44	42	99	141	38	43	88	64	43	181	48	49	79	39
1050561	69	83	81	73	63	63	73	81	78	73	58	68	71	69
2480040	41	42	54	48	52	46	60	44	41	42	42	54	43	46
5910309	34	36	40	38	36	31	31	38	43	40	38	37	72	33
5810050	134	65	373	323	267	121	164	423	202	337	67	274	354	50
1030184	128	108	45	53	66	62	64	55	52	51	42	44	51	59
3460279	51	44	46	48	44	46	52	53	64	53	43	44	53	55
4570364	92	81	79	109	1239	82	86	70	72	83	74	123	72	75
6380020	60	82	75	67	81	60	76	55	64	89	62	65	66	80
3780468	54	57	54	66	52	61	45	68	46	53	63	50	57	61
240541	49	45	42	43	46	44	43	47	55	52	52	48	62	50
2630010	60	58	80	60	59	51	54	63	67	41	66	60	47	60
1740669	36	39	39	34	39	36	41	53	43	43	39	37	42	38
2340577	41	46	41	50	45	49	56	44	53	43	54	36	44	48
1850521	68	54	75	72	52	49	60	57	71	45	61	49	87	48
2650594	66	126	81	48	74	122	71	150	152	75	67	65	53	49
130110	299	47	48	97	52	69	60	73	63	42	214	48	56	45
4830376	48	47	45	725	48	46	80	59	47	497	46	51	44	44
7200435	3602	1025	303	77	133	162	1207	154	142	152	74	78	110	169
6290239	64	64	126	206	7608	70	181	114	98	213	214	246	223	66
2480241	205	148	150	203	176	135	331	292	211	115	120	200	209	170
5080561	243	160	709	668	180	157	410	400	207	914	126	166	228	284
1770253	44	51	38	42	42	50	44	44	34	38	39	48	49	42
6280440	151	147	91	39	206	52	77	134	53	47	292	40	42	61
3450347	48	44	41	67	45	51	43	79	73	53	43	49	48	38
3170100	99	110	239	540	153	77	387	48	44	57	50	49	53	744

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
2600554	66	58	75	861	77	62	74	72	75	2465	58	73	62	69
2510253	256	131	154	666	120	476	270	379	159	680	255	292	383	117
7570477	196	111	256	258	765	83	250	265	608	150	93	165	125	149
7510424	277	251	530	495	1789	190	423	447	1035	319	166	248	231	162
6040452	64	66	146	97	281	97	304	160	102	100	187	50	56	318
1850068	115	119	313	288	165	218	151	109	140	522	124	143	151	113
6110440	62	68	97	69	78	65	74	73	70	91	71	71	74	79
6960035	42	62	32	109	38	65	36	40	45	77	55	47	50	41
7050215	40	38	49	48	65	46	39	44	47	49	43	44	41	53
1710242	256	216	1121	216	302	618	150	211	328	410	833	169	110	351
4890670	79	75	83	327	84	77	240	70	58	113	76	67	70	66
4540468	59	62	45	65	47	65	59	62	55	52	55	59	54	56
6510360	192	107	108	236	309	93	124	374	303	424	140	124	121	487
6110102	225	83	57	187	99	362	100	73	109	491	163	104	100	170
6110152	44	43	45	221	47	58	43	47	53	41	44	47	53	49
2490044	143	74	193	337	114	88	143	132	78	165	67	130	116	108
1070224	55	45	60	54	74	63	73	56	105	55	60	40	43	53
2070377	424	95	59	69	206	154	87	65	69	511	70	61	60	48
2000128	150	64	42	40	40	37	464	2382	1547	78	313	1704	478	45
6100241	36	53	38	37	40	38	53	134	66	55	44	45	41	44
6420689	68	55	183	52	74	59	55	1363	100	58	61	77	65	52
6060347	52	61	47	41	41	44	51	58	64	49	44	39	42	49
6040156	71	65	85	147	162	80	92	250	134	324	111	105	78	57
3870593	67	81	101	61	76	83	64	63	60	72	67	63	90	66
3610180	49	41	44	60	41	38	45	44	48	1252	38	46	44	44
6450403	43	43	49	39	40	42	42	39	48	46	47	40	46	46
4260280	77	63	74	71	454	64	69	74	71	64	66	69	69	69
6650215	72	157	127	92	540	90	87	104	94	148	81	85	75	81
2190139	38	1441	45	35	38	45	44	40	43	38	42	40	42	42
4850170	39	46	44	46	37	50	40	41	44	75	49	81	41	41
5310343	261	49	50	2053	40	63	48	46	46	1189	48	49	64	46
3710176	84	85	79	62	704	82	68	94	81	89	80	82	91	79
1450671	214	134	101	67	140	112	91	110	194	112	106	274	256	367
3830598	60	78	51	48	46	47	44	58	48	50	51	60	57	61
3830170	255	185	320	293	203	176	265	331	185	176	479	274	233	224
5340348	128	72	80	55	60	389	393	423	383	281	252	104	63	82
780356	178	85	69	54	68	51	71	79	60	67	60	62	54	56
5360070	597	152	877	1419	471	474	885	412	171	1271	588	382	376	372
6250672	317	124	330	85	516	424	184	81	174	82	435	214	280	155
580100	407	315	89	85	63	94	111	151	170	491	310	73	63	72
7210136	50	166	98	41	52	74	59	201	99	139	185	53	44	40

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
1170671	104	466	391	47	237	337	191	719	674	383	160	71	82	90
1580411	105	438	311	50	186	401	166	632	606	334	160	62	73	78
20129	248	573	448	86	290	409	437	1818	911	841	373	208	125	208
4220068	119	93	273	60	68	1539	96	72	115	74	78	110	399	69
3940504	76	1008	474	91	112	155	148	606	490	1066	454	87	165	94
770167	115	415	184	76	190	155	139	302	226	313	230	102	86	118
4200451	96	51	126	208	110	91	67	73	51	161	97	52	54	69
3460152	118	62	143	193	96	99	70	73	54	169	98	50	60	81
2940398	130	49	175	221	81	66	84	98	73	240	59	87	94	91
2260424	82	62	55	207	65	66	61	57	68	97	55	171	64	67
1260025	447	333	457	413	333	378	248	335	331	609	355	277	421	287
5260014	250	98	337	306	246	250	301	173	122	868	186	86	127	185
2360632	4224	2992	351	60	71	70	62	335	65	58	203	79	60	701
6350437	131	131	696	825	84	261	65	75	88	1003	90	71	166	43
4920019	83	77	62	77	73	80	71	77	82	60	78	79	78	76
7050053	60	64	51	60	51	70	59	52	52	57	51	58	67	58
2350730	61	63	51	48	48	68	62	49	68	70	63	70	56	54
6860446	98	73	82	78	72	73	84	72	118	70	86	84	71	80
6840609	106	63	128	77	81	103	72	95	414	77	79	67	103	73
5270022	93	50	101	53	67	98	54	89	535	49	64	44	80	50
2650484	47	42	44	41	40	51	44	46	58	41	45	39	47	51
5550372	86	60	80	79	75	82	72	88	166	79	71	70	106	85
1580487	243	182	278	1752	584	266	401	338	158	808	125	176	148	157
6420356	53	112	41	338	35	80	42	41	41	539	42	46	42	35
5290711	51	45	48	47	44	48	48	49	42	100	37	42	53	46
780528	1581	578	1215	2024	2312	736	1030	850	1041	1128	1080	837	734	835
5670722	81	3738	76	70	78	72	70	64	73	72	69	85	79	66
3780291	185	455	264	151	222	200	197	239	156	606	213	3894	1924	238
2650673	46	43	46	47	41	37	52	43	44	43	39	43	43	45
7160376	64	60	61	64	68	70	71	60	60	58	69	80	59	58
6370414	58	83	68	45	101	71	56	133	101	89	51	50	77	52
670398	82	93	93	894	94	106	105	69	71	1113	87	205	139	71
10187	179	297	140	349	388	298	210	298	216	278	333	287	194	247
6100139	56	52	44	47	45	49	68	83	60	57	173	51	40	49
3390372	45	50	79	68	48	50	91	42	67	45	277	41	53	53
1450392	50	51	48	80	56	59	47	44	50	46	43	46	58	50
4010136	67	46	57	300	47	50	126	52	52	79	54	40	63	49
5390113	322	353	267	137	327	321	220	570	521	323	200	170	138	118
580754	37	46	46	42	36	46	44	73	44	36	59	37	52	56
2260445	56	53	55	64	66	49	67	65	62	74	63	56	66	62
1170047	580	3297	945	206	4652	1658	718	2329	3631	1348	552	4400	2682	369

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
5860048	129	458	238	90	106	210	123	286	347	395	336	95	160	97
360296	126	97	111	1926	88	717	76	70	133	1290	86	258	328	76
540685	63	48	58	50	48	57	66	52	58	49	54	58	48	56
4280440	84	119	72	80	56	89	72	85	66	95	80	79	61	91
3830202	49	48	47	71	154	58	57	60	62	382	699	47	41	167
4010095	49	48	88	61	57	79	48	44	44	129	310	47	51	68
6900377	42	37	72	46	60	59	42	40	41	181	539	38	40	59
7650739	49	60	66	65	72	66	48	64	79	66	68	95	69	77
3870608	227	174	352	420	478	162	393	294	205	272	159	276	414	215
6370541	609	240	47	47	45	224	198	810	127	262	247	40	41	103
5860674	70	69	76	53	196	1340	69	61	49	1517	67	61	77	71
5820551	65	55	67	62	660	3738	73	65	80	1744	181	80	73	178
7510128	80	79	65	67	250	1771	70	75	76	1230	123	82	62	80
1230603	62	64	74	53	489	2181	65	61	81	992	148	67	73	168
2710504	43	35	45	42	45	39	41	41	41	45	38	991	46	46
5220196	247	185	350	283	180	226	334	216	222	368	212	218	265	278
620041	43	45	39	76	1000	54	48	38	37	43	38	45	45	47
6580626	81	66	187	120	60	59	437	61	87	178	44	41	54	621
2100711	55	49	63	88	56	47	60	79	60	50	63	55	63	71
2260274	65	58	149	53	84	42	460	42	42	41	48	66	62	570
4850746	64	65	67	65	65	69	59	72	56	54	62	78	59	61
7380678	668	297	35	68	33	39	37	83	35	250	35	38	34	38
4890750	110	111	187	204	136	206	151	87	149	174	175	107	126	86
5960672	622	328	808	588	1353	952	1160	657	598	721	397	727	886	536
870477	56	61	59	56	62	62	50	70	56	73	59	58	55	57
2230341	77	63	67	63	65	72	69	85	71	66	64	69	68	88
1770497	63	63	55	67	44	64	61	57	59	54	64	73	59	64
5550553	78	85	100	147	70	85	89	91	69	117	148	97	88	172
4890671	69	81	80	93	75	1091	72	66	644	74	52	73	72	714
20192	178	171	205	214	136	200	127	124	173	316	384	127	195	130
5900017	65	49	76	101	65	49	68	75	45	80	41	122	69	50
7040100	60	61	41	43	38	40	46	38	43	37	49	50	37	300
6220209	95	1634	61	37	114	48	314	183	1392	63	1104	46	49	94
5570703	59	59	53	54	66	64	68	55	69	69	388	54	73	55
1190091	151	98	194	72	79	80	164	55	102	80	1909	70	65	65
2370768	47	40	43	42	37	42	40	40	43	45	447	36	49	50
6420736	230	166	76	234	75	156	99	380	369	134	79	74	116	81
2450411	210	149	57	205	69	134	81	321	400	99	58	55	78	54
5720465	233	179	92	248	94	173	89	351	377	147	101	103	120	83
450736	80	64	67	74	66	68	75	80	71	82	75	74	79	75
7550086	40	43	50	41	49	42	37	42	40	43	44	42	46	43

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
940746	43	78	45	99	48	58	41	59	49	63	59	54	42	46
4280132	55	47	51	339	49	160	66	50	56	717	55	63	55	59
4280504	34	46	42	198	43	253	38	47	44	611	50	46	48	56
6330553	305	352	288	239	327	254	518	246	277	213	385	174	229	472
2100743	993	1022	760	965	589	516	1303	531	720	422	277	383	584	684
6560523	325	323	343	381	231	185	595	205	224	187	139	174	224	279
5340338	160	563	1412	360	359	210	240	172	116	1493	466	130	109	137
6650196	594	149	119	809	527	357	177	325	146	301	165	240	254	260
6350204	71	63	81	47	72	63	61	65	62	79	75	76	67	64
1170605	296	338	307	742	378	365	244	325	186	347	424	312	273	298
670333	50	148	38	109	40	37	39	44	35	40	42	38	41	39
1410240	48	121	35	99	40	39	44	31	43	31	40	51	40	39
6370356	81	187	79	1682	65	308	52	77	56	3040	74	610	333	1616
2510356	47	48	41	41	50	43	45	42	45	42	38	43	40	43
5270468	50	44	44	46	49	49	47	50	47	44	48	51	47	45
1030209	51	43	42	39	43	42	44	48	47	43	48	44	46	40
4200437	531	500	1004	518	1066	496	807	923	213	924	990	271	261	955
830543	188	43	88	44	73	94	63	62	372	41	37	65	71	38
5690112	42	45	49	42	53	57	75	43	52	53	48	71	57	57
3360095	71	69	592	116	584	86	69	379	104	80	80	69	76	94
7040678	50	39	43	1009	44	63	66	41	45	94	47	45	57	47
4200541	256	277	308	109	279	252	564	598	553	361	174	163	262	526
2370646	46	47	40	48	46	44	44	1139	52	49	141	47	61	101
5130100	45	55	43	45	45	54	42	42	44	47	47	45	42	51
1660243	41	43	42	44	41	42	37	39	41	40	40	36	40	42
6220307	60	379	64	60	61	72	56	120	92	69	69	79	73	66
3460446	92	132	89	78	69	85	74	81	54	141	73	207	84	632
2940403	1793	521	983	2519	1491	1241	2634	785	681	1353	986	836	485	1108
1580215	375	247	161	189	157	325	150	136	123	164	168	146	118	146
130463	67	4624	135	60	233	62	87	188	97	59	986	137	211	60
4120703	47	55	55	83	145	165	57	88	62	58	66	50	43	58
6980367	64	53	48	51	55	63	90	89	282	61	126	55	54	57
3180156	57	71	55	50	48	52	64	66	55	58	54	53	48	55
3780193	40	114	64	39	41	47	66	186	80	180	99	43	47	72
5130255	39	42	44	38	43	36	60	40	66	40	150	40	47	45
2850703	71	52	57	44	62	54	92	75	110	59	314	58	59	62
7400072	86	55	63	62	72	67	95	83	114	72	168	68	76	98
7210240	62	63	61	68	60	87	68	59	76	65	277	75	70	81
5270619	199	385	260	103	189	311	260	368	350	287	253	117	154	344
2030451	46	35	45	43	43	40	45	52	42	48	36	45	40	47
10504	43	61	40	40	44	41	38	44	51	42	237	47	44	43

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
2230008	34	48	41	45	43	44	173	288	804	37	529	36	45	51
3180025	41	38	41	50	45	35	67	75	100	40	76	41	42	34
2480228	61	71	52	52	76	64	70	127	67	74	152	81	61	65
6110022	74	64	86	64	64	83	83	106	80	79	116	76	71	69
4290014	921	617	510	436	924	595	787	508	419	1203	1090	471	437	816
7550368	89	164	92	919	803	245	170	348	107	1915	180	140	210	111
7000575	91	85	89	78	297	59	71	77	219	66	68	77	80	71
5700095	62	54	72	64	63	48	62	58	61	82	50	51	63	42
2570500	92	68	76	80	70	60	68	77	70	79	66	78	82	89
1660341	82	67	74	333	261	367	85	91	403	291	222	103	74	546
1400433	73	61	61	164	116	134	85	90	151	159	92	70	61	150
4610592	1844	1458	61	114	447	87	107	304	686	737	235	65	96	67
3170204	50	56	41	82	755	44	44	181	72	64	239	49	54	225
6860154	47	39	40	36	42	81	40	104	35	54	37	49	42	41
1260468	81	111	40	53	44	84	44	46	44	64	41	113	62	42
4780278	55	63	55	74	70	59	63	70	58	76	61	65	59	68
240053	113	79	118	52	76	144	110	110	98	127	201	107	55	123
4610520	433	2734	74	43	235	51	156	189	71	54	101	48	63	74
3190167	58	42	40	47	44	45	49	43	48	50	46	49	43	46
5340730	53	64	66	62	64	49	52	61	62	61	59	59	54	54
940692	44	48	41	42	34	39	41	36	38	41	42	48	33	41
7320193	52	48	48	64	60	88	46	91	77	87	49	46	51	44
6330477	81	67	82	65	64	66	62	72	79	76	69	70	73	417
2340553	100	89	154	200	100	89	103	131	168	109	78	154	132	104
1660184	43	39	46	49	46	45	45	46	49	160	41	41	48	50
450368	80	68	73	42	102	58	51	88	48	42	85	69	52	65
3830044	112	96	127	98	115	64	89	66	63	75	81	60	48	60
6290554	105	70	83	60	75	90	83	84	75	724	1314	69	68	207
3830332	72	1957	72	69	72	80	70	77	79	85	67	64	68	72
1050414	128	75	120	94	112	623	177	654	299	91	107	180	233	98
780600	486	1146	1710	109	906	797	690	1290	1355	666	395	477	824	764
7050333	57	58	70	65	78	66	75	68	77	66	62	72	68	66
4290465	48	279	57	63	60	48	647	62	55	647	51	55	60	51
5720482	189	825	688	203	1116	419	149	457	787	256	89	106	89	89
5260070	624	1009	1156	1583	370	924	1689	1416	1106	696	356	1083	376	4279
610201	916	901	115	1182	156	275	801	227	107	9058	319	334	156	89
5570279	187	475	588	514	310	578	355	783	869	384	924	674	187	771
290730	231	267	548	745	821	782	512	1396	679	111	839	1583	421	633
6200669	143	220	358	656	420	400	355	727	874	270	417	878	227	417
6290685	62	73	91	103	88	103	82	82	141	101	115	103	51	108
6110630	800	978	1959	1856	1632	3921	1598	2737	4161	1351	4096	2607	1361	2833

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
5050402	219	195	665	428	376	685	430	563	912	372	747	804	291	844
2970019	63	57	98	215	87	158	157	164	198	75	306	164	74	150
610451	215	427	341	454	933	1050	574	1222	1742	414	1608	1553	356	1695
6100022	207	310	313	583	562	657	489	914	1347	1445	943	1088	265	1280
870301	419	192	78	66	112	108	61	233	152	64	93	95	157	125
5260091	60	50	59	95	57	152	59	59	66	58	79	55	57	55
3460608	76	66	107	58	73	79	93	66	58	63	87	56	68	170
6590131	58	70	61	61	293	708	249	96	310	58	402	106	72	62
2140196	72	71	69	79	67	60	57	53	56	75	68	80	67	53
990091	71	71	74	67	69	70	59	60	72	66	64	54	78	51
2260747	55	84	58	93	202	148	183	65	60	72	61	137	122	64
3170403	111	59	74	70	60	65	52	51	64	65	61	66	69	64
5570711	263	67	1230	138	543	125	233	366	429	226	74	98	69	82
4920131	43	48	40	2109	43	51	38	41	43	318	41	31	40	47
3290368	48	47	55	90	44	58	37	42	45	49	40	59	148	51
4120161	40	55	52	58	71	43	46	45	53	54	54	41	42	47
6200044	58	44	44	55	46	42	57	61	51	43	51	49	50	46
5420386	61	50	52	392	66	509	77	62	89	62	57	63	57	63
1230538	67	58	119	2041	52	206	60	47	43	2625	294	48	52	339
380259	181	56	817	92	421	111	164	210	244	140	59	70	54	64
2140376	70	65	56	66	75	72	65	65	75	51	56	64	55	63
870626	86	79	76	58	78	87	75	79	94	85	81	80	85	74
4040474	67	75	67	477	62	53	75	77	61	4279	60	55	69	78
7200719	427	595	585	646	2396	684	372	582	446	584	776	337	685	340
2100196	715	4125	1663	521	2833	2158	504	1598	3013	459	507	357	154	2261
2690224	601	483	444	554	255	624	539	350	331	774	796	323	315	551
730722	77	67	68	64	61	82	67	48	49	61	68	71	74	108
7610170	44	2399	47	44	43	51	56	45	46	43	70	5391	200	145
6960563	185	80	48	41	47	41	44	57	47	39	46	38	41	44
7320349	73	103	87	82	74	80	85	81	79	96	80	75	73	79
6960739	71	71	71	102	79	69	203	74	66	175	66	75	84	81
5390435	45	45	47	83	44	75	63	73	43	46	46	47	66	51
4060192	110	226	77	105	131	69	388	77	79	136	71	103	75	76
6220309	84	61	78	64	87	234	80	79	79	208	77	70	100	59
5490711	52	42	45	58	47	46	49	53	48	72	44	37	47	50
4390291	64	70	63	81	66	92	73	73	80	84	63	71	66	69
2000274	41	40	44	40	45	39	42	47	43	41	44	37	38	37
6960259	62	81	64	81	76	102	70	60	96	85	77	68	69	74
3370544	57	46	56	59	363	100	74	87	60	56	47	66	84	70
3130711	84	65	63	76	75	107	64	60	84	289	75	81	230	62
4810703	128	191	199	128	258	93	122	135	197	149	213	179	150	560

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
6660671	149	187	147	62	134	73	119	180	127	66	197	238	102	269
1940193	74	116	86	230	80	134	93	96	89	150	109	116	82	68
990112	81	90	89	62	91	86	81	100	93	95	75	119	101	91
4810424	43	40	35	38	122	42	38	42	41	43	51	49	41	46
580292	58	62	62	64	72	62	67	56	62	63	60	66	74	76
2320296	41	50	40	44	44	50	52	61	67	100	84	40	41	50
3990739	98	191	73	70	74	81	64	117	91	75	77	80	73	75
2030259	35	39	32	42	267	41	34	39	35	35	43	40	38	39
5490040	65	74	72	82	129	72	72	60	70	72	70	65	89	85
6400703	118	106	150	190	210	105	176	129	142	161	94	162	97	143
1570184	60	127	52	82	65	59	117	59	61	62	54	47	53	43
3610730	536	142	118	43	102	97	61	210	298	60	65	56	254	271
7380392	83	81	135	269	145	73	130	81	94	84	62	168	219	72
5900273	78	82	73	383	85	72	56	66	80	601	75	71	95	98
1510075	39	44	36	476	46	66	45	44	41	575	45	44	42	35
6860634	49	51	53	104	105	46	60	48	57	72	37	44	49	55
6620259	75	77	108	93	87	148	74	93	91	78	74	110	69	123
540204	254	203	115	103	251	121	481	841	247	406	245	73	143	279
5080259	57	85	50	47	65	65	81	102	64	67	101	41	52	65
990086	46	47	48	51	304	43	42	38	48	150	48	47	108	47
3140259	50	55	58	101	56	53	130	51	52	67	43	455	115	47
2100189	183	240	275	176	314	181	104	192	184	250	491	169	229	138
4250246	600	448	675	509	818	220	506	298	499	548	196	304	539	538
1980079	99	97	80	71	70	72	101	68	102	61	79	431	406	90
4850300	154	241	156	681	585	328	244	176	104	473	281	71	135	102
6520440	70	158	57	2791	687	309	175	66	58	5117	59	87	340	49
4210561	315	226	273	321	275	299	175	254	195	305	223	194	98	334
510632	128	80	325	235	168	126	115	78	199	355	103	250	243	66
4050398	67	67	156	42	51	45	67	52	56	46	145	49	54	51
5960524	71	66	65	66	64	58	66	58	68	79	62	69	52	52
460202	59	52	44	63	64	72	42	59	69	41	36	114	198	41
3780491	80	75	64	69	68	66	65	57	65	81	93	70	72	72
5290707	57	84	83	73	61	70	79	69	74	56	67	74	87	72
1450619	47	45	46	40	50	42	44	82	42	45	42	43	57	50
3190524	259	163	1068	591	460	206	462	354	327	804	211	234	490	181
3840445	307	71	3738	100	796	96	6791	151	382	114	7654	106	324	4605
2060414	54	65	69	60	71	70	608	56	61	64	960	67	121	115
5860289	36	37	5584	41	43	39	2359	40	40	37	7025	205	115	381
430446	43	49	70	52	49	43	80	73	46	172	58	50	46	49
7040142	112	73	105	76	144	130	1492	254	183	125	142	118	68	985
3460685	139	85	114	69	253	189	3227	505	320	191	202	138	76	1839

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
5490358	48	50	58	50	50	44	43	62	47	49	51	53	44	48
4390100	1433	208	224	44	256	986	348	1013	1764	215	235	472	776	308
3140427	10475	78	63	64	64	63	60	69	58	63	52	81	53	107
4390398	1306	1975	584	76	7208	76	168	16951	268	103	711	83	160	680
520465	51	42	48	45	46	39	44	46	46	44	46	40	42	43
1570148	38	41	43	40	43	42	46	40	45	45	43	45	38	40
5860528	2601	1864	61	57	71	60	61	60	54	76	82	58	61	71
3180615	445	98	88	99	1563	72	79	96	119	86	75	74	71	179
6840209	4807	12506	81	41	39	51	53	59	42	52	56	48	56	80
3710161	75	69	74	59	70	79	62	77	212	73	75	65	72	56
1470168	45	44	54	56	60	40	47	52	38	43	47	44	51	53
2900343	36	35	37	31	35	41	40	38	38	36	38	38	41	37
6420450	353	863	669	501	448	302	222	328	472	672	274	989	783	256
4220482	46	48	44	758	95	63	50	44	45	167	55	50	53	59
5260672	78	66	81	67	67	82	77	80	83	81	84	84	81	72
6980632	281	193	994	281	288	1075	107	290	192	87	447	47	133	161
6660687	154	125	94	132	269	163	138	106	99	285	135	82	138	168
2690438	67	90	89	398	74	106	61	72	66	227	74	96	93	80
5270551	113	63	178	335	121	67	165	94	80	195	85	69	89	102
240343	55	67	52	721	91	53	61	55	70	56	60	57	56	60
1240408	75	65	75	129	108	81	73	76	114	118	91	71	67	109
4480528	95	83	93	596	605	198	88	193	718	661	156	197	86	481
240386	84	75	274	803	173	161	123	122	110	282	177	62	80	81
3780767	142	96	271	123	1267	3169	106	78	104	127	1555	92	88	109
6620373	83	63	226	583	134	137	94	102	89	285	143	52	70	47
3930669	54	49	63	57	63	53	59	57	41	46	107	59	59	61
5490307	69	73	69	80	62	76	56	64	71	152	110	69	80	72
3060187	495	299	851	1342	1164	168	339	1126	600	699	118	526	1062	96
2490132	63	52	272	60	43	186	81	95	343	335	196	56	93	59
4150685	81	124	142	150	180	94	107	103	78	155	132	91	99	78
2260037	306	1999	237	88	253	223	137	178	151	82	1454	456	265	342
1260064	218	331	232	143	378	183	262	195	112	233	312	283	302	182
1660220	323	111	161	539	205	120	102	158	182	168	116	319	299	174
6400484	63	58	56	149	73	64	61	70	64	71	60	67	71	69
4850189	70	59	53	311	54	72	46	42	41	229	67	42	44	45
4760196	75	66	57	69	74	56	54	61	46	68	56	80	73	69
670670	52	44	48	45	50	44	49	50	38	49	49	40	56	45
6370008	186	160	63	66	62	80	55	60	56	70	58	68	67	76
4490594	6517	9560	10157	11633	9880	8967	8271	9116	12680	9689	6462	5934	8134	4089
2970152	58	60	352	68	76	65	74	191	191	83	852	68	69	93
1820288	101	67	87	178	305	297	98	95	374	364	148	125	66	560

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
3360327	79	64	86	105	101	115	96	95	77	110	113	116	90	94
4480762	80	95	63	69	69	79	80	63	71	64	71	2981	77	64
4280093	107	160	319	389	259	335	124	131	381	302	193	104	112	393
3850367	181	83	163	460	563	400	199	163	418	417	204	151	115	457
110333	98	82	593	265	1582	101	376	79	90	124	112	62	70	273
3610520	79	78	169	215	99	117	75	81	68	151	59	63	76	62
2710121	76	85	82	1288	84	90	79	79	102	71	79	150	119	86
5670372	246	251	202	116	248	200	167	457	449	236	131	139	118	83
670066	57	61	55	53	52	50	63	66	47	60	59	56	50	65
2360739	55	150	128	43	52	63	62	135	76	296	120	44	50	55
380519	104	74	70	181	291	278	88	100	351	312	130	151	78	536
4040113	58	82	73	68	76	76	64	73	81	86	84	71	70	84
6130152	895	833	168	402	73	206	80	78	73	91	163	79	84	153
5960328	4460	18776	75	82	91	68	77	69	95	91	87	76	84	732
4590332	72	62	74	78	64	62	68	64	73	77	61	83	100	61
4780754	62	61	70	56	61	56	68	56	60	68	69	68	60	65
2120189	69	58	79	103	69	98	69	66	49	89	70	60	64	62
1410747	61	83	70	66	65	66	57	75	62	78	62	68	62	58
5820746	79	98	104	75	76	82	73	86	80	78	88	73	84	60
6020242	89	53	65	68	60	52	61	65	67	65	61	73	49	64
6580088	369	197	864	334	1017	227	434	743	682	447	154	715	834	82
580445	66	902	4952	94	141	1220	1008	3104	2452	14311	2815	108	579	250
6400414	83	65	78	99	89	67	92	113	117	90	75	108	180	92
5870653	57	52	7561	60	64	60	82	81	356	46	1088	62	214	165
5560707	67	78	70	76	562	76	64	89	66	65	64	65	59	187
6290450	44	77	50	62	73	58	60	65	56	58	60	59	80	59
4760673	68	74	74	56	59	68	76	60	72	68	68	71	66	60
6770706	53	58	50	51	56	63	54	63	60	66	199	48	67	63
6180546	54	59	48	49	62	60	47	55	65	64	1092	67	57	61
4390386	67	80	92	74	77	89	71	3213	523	101	781	75	86	77
6350091	52	52	49	50	55	48	44	53	51	56	312	58	62	62
1570286	66	64	61	73	69	80	72	72	71	67	376	72	58	64
1510519	70	62	74	62	63	72	66	77	64	78	46	73	60	85
60546	73	70	60	65	68	57	55	55	54	59	266	61	58	75
5700360	73	72	79	60	64	67	68	72	56	70	59	72	69	81
5420324	75	65	73	76	73	71	74	85	79	93	90	86	74	74
50291	72	75	62	69	64	74	68	67	61	56	488	59	70	74
2340088	61	62	48	49	58	54	43	43	45	51	936	50	43	51
6840278	53	48	50	49	53	50	60	67	57	51	328	54	66	59
2060372	215	288	1382	1088	520	181	360	308	451	593	292	324	603	393
5720491	224	156	280	433	276	143	402	192	312	241	104	429	398	219

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
6770746	132	107	633	923	240	91	568	113	149	770	146	107	109	88
5670280	582	581	935	1195	1049	349	2628	625	761	3426	819	587	521	2152
5080138	88	74	61	72	266	80	83	85	74	70	99	81	88	193
4760192	77	63	966	77	73	58	95	112	136	71	1270	77	104	190
2650056	77	80	76	1124	563	135	74	74	79	602	85	219	95	78
1850168	82	61	73	119	104	77	64	54	62	134	73	86	91	81
6770441	73	71	69	65	82	69	65	73	77	80	87	74	94	85
3060703	70	60	106	141	101	82	82	72	60	123	100	75	102	65
2810504	197	125	101	493	81	330	135	121	120	214	403	227	245	58
3170431	100	220	397	163	698	197	252	322	262	261	125	351	312	138
6660162	217	197	178	70	507	98	174	293	194	73	140	119	73	259
7150324	84	134	182	80	86	109	1351	151	154	94	109	93	74	535
2810687	268	302	368	210	278	337	303	216	190	375	280	128	282	231
4490544	133	273	47	86	42	40	44	41	41	48	35	42	46	44
3990561	86	179	70	305	72	95	83	85	100	419	94	67	133	76
240220	552	536	113	83	52	105	136	238	438	772	511	85	75	97
6370754	41	45	36	39	45	45	46	41	49	42	368	36	56	46
3140349	57	62	62	61	60	66	56	48	68	66	95	77	71	60
5910612	65	74	54	174	66	171	116	59	46	65	2876	71	72	61
4200722	39	42	42	63	49	53	43	88	190	52	177	43	50	55
6660368	49	90	153	80	92	93	64	87	102	90	202	43	60	47
4590477	93	285	473	142	366	277	179	335	476	542	438	106	107	87
1400142	57	64	60	62	51	70	78	60	64	64	59	70	56	56
270470	63	69	69	54	66	73	57	73	62	64	62	72	61	60
6900170	43	45	36	45	35	40	36	41	37	41	40	34	40	37
3170450	100	81	110	240	99	95	105	117	107	72	100	101	111	97
1450446	52	47	62	57	56	61	66	58	55	57	54	56	61	63
5670709	94	91	96	102	92	95	94	102	114	106	94	89	97	110
6770408	296	169	686	1038	518	370	489	195	144	766	1373	259	340	123
6290494	440	255	621	730	426	428	368	239	353	1061	487	253	250	265
6020170	684	256	1576	1352	749	962	1470	599	425	1486	1070	567	533	722
5490068	263	372	225	88	340	520	462	585	321	245	68	83	73	59
4540414	293	176	325	159	182	250	258	268	245	365	186	178	225	164
3780437	37	41	34	41	35	40	37	34	39	35	35	43	35	35
3520338	142	60	172	48	147	270	159	110	64	835	76	87	62	51
770682	91	772	756	84	95	320	230	422	506	859	791	77	165	88
7330367	69	62	73	69	56	67	58	59	74	60	61	62	53	69
2370632	1989	653	1161	723	491	808	462	886	2024	155	613	118	415	128
4760626	338	495	390	187	47	225	1861	254	628	1113	141	67	44	134
3180528	199	487	525	81	889	1451	521	735	970	2214	329	293	52	188
1230228	90	730	1465	71	5479	318	143	1707	595	107	337	7359	6829	71

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
4150598	43	47	43	44	43	47	47	47	39	43	47	45	40	46
3060273	45	63	49	98	64	302	42	44	49	84	54	57	69	45
7200601	182	1578	847	78	6293	183	266	804	1829	146	1781	354	363	147
7650026	429	3557	2258	119	11425	462	830	2402	3738	504	3563	1061	1256	399
1850315	106	2006	71	107	73	72	77	78	90	82	71	79	87	74
2490070	68	70	129	68	2032	106	78	491	58	78	97	175	480	79
1300240	90	67	78	74	66	70	76	72	60	76	77	78	75	127
6980762	46	47	43	44	56	46	193	50	44	45	48	48	43	54
7380670	1212	622	396	101	414	119	638	181	147	200	179	158	211	139
5340220	44	43	50	42	45	39	58	88	44	2005	53	67	49	51
6100360	157	50	53	50	54	77	49	72	111	36	53	51	40	187
3990577	73	81	59	70	68	66	73	55	58	50	61	73	54	71
1710692	49	54	43	73	45	51	52	60	55	376	63	57	42	50
1450468	45	69	60	394	63	80	66	58	53	884	49	49	56	50
6250040	420	278	404	337	613	186	313	241	199	389	204	420	351	342
5890170	44	45	48	50	49	44	47	45	47	52	42	44	53	45
2100296	73	102	83	61	104	85	864	9178	5380	251	2634	65	68	74
3180681	74	157	86	47	90	218	89	167	126	109	79	65	72	62
7650538	172	101	260	89	273	349	265	611	369	357	106	136	157	110
4060438	133	116	2062	80	1287	180	3731	113	215	88	2865	157	389	1003
1660767	47	52	80	58	43	42	51	54	59	4224	40	49	47	45
1570309	126	64	95	105	87	84	128	89	68	148	75	86	72	88
4610669	194	109	157	214	168	143	141	106	72	248	180	79	93	119
1990731	78	81	66	179	67	59	67	64	70	297	63	54	59	85
7610441	73	103	74	677	65	63	77	66	69	114	73	85	80	91
5670129	45	43	49	55	61	65	57	57	52	52	49	46	41	43
7050220	78	65	296	250	201	69	227	112	79	272	163	179	1878	72
3140131	47	41	44	51	40	45	38	39	41	42	40	41	39	50
4880138	44	76	52	76	41	45	44	37	39	65	40	36	46	43
5340458	136	117	123	172	167	125	129	115	94	202	222	179	124	135
580181	75	82	107	103	130	74	91	79	92	112	115	98	69	75
3940520	2094	856	1213	973	756	420	504	791	662	881	296	983	1023	826
4220326	75	73	1274	67	59	375	82	68	64	73	6640	72	65	83
2320215	127	124	262	139	118	250	116	109	90	199	113	65	117	58
7100541	140	89	199	202	135	90	102	139	93	188	109	93	85	122
3360707	53	42	51	40	355	47	44	56	47	34	47	47	44	44
3450286	55	64	47	51	332	43	54	62	65	59	72	72	49	56
840494	40	39	37	38	43	40	38	38	40	42	37	39	43	47
6770131	3725	2197	60	59	35	42	88	43	45	56	60	43	40	52
4610333	229	131	66	63	55	75	72	55	59	73	63	71	47	48
6350192	105	70	117	362	75	72	84	66	71	330	90	78	64	67

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
110189	62	80	91	250	56	62	84	61	65	144	69	70	76	68
2480431	60	63	79	282	72	60	81	59	48	187	58	64	66	73
450020	93	54	53	52	64	64	68	111	76	66	124	63	60	53
620202	55	75	76	53	55	76	111	75	76	57	95	66	77	106
3930379	154	120	251	97	264	120	151	222	138	267	153	110	112	100
7100431	74	152	115	64	116	185	115	144	147	165	128	93	93	92
5490301	434	188	469	1007	715	661	330	746	457	1124	186	309	389	323
3890601	80	72	70	74	91	51	264	67	68	65	528	67	69	80
1240195	43	43	42	175	43	38	40	42	64	42	1015	42	48	41
4850528	74	68	67	536	64	57	60	69	97	64	1096	68	51	62
2650075	47	46	42	40	42	40	43	47	59	45	49	45	42	50
5900608	67	72	62	67	75	55	78	70	76	86	66	55	84	70
20112	49	48	56	48	46	46	52	54	46	54	43	48	52	50
2900064	70	65	55	72	78	49	77	64	58	62	64	66	73	71
4850070	63	48	53	53	402	180	53	56	50	51	47	63	56	62
1090451	100	69	46	51	617	708	65	70	117	71	83	87	64	76
3420554	285	73	250	257	105	82	157	86	67	424	73	116	162	156
2970370	249	136	107	558	108	100	485	236	761	158	285	92	146	174
7570753	519	102	46	423	531	93	278	99	91	112	59	77	279	384
6290008	59	58	58	186	51	65	63	61	63	59	46	50	128	74
1510014	277	287	648	511	283	368	305	271	298	834	208	390	495	266
7200609	77	75	78	85	71	60	66	83	74	277	75	77	64	72
520176	48	51	52	64	48	44	44	40	53	188	34	39	53	47
4210678	120	149	65	166	103	124	75	309	95	388	70	85	125	59
7040019	41	47	44	48	44	40	36	39	39	38	40	38	32	39
110347	199	94	198	123	122	190	168	188	143	215	319	90	96	147
4120427	245	172	45	56	47	49	65	48	54	52	59	59	51	60
1260762	76	59	64	53	99	58	44	61	84	52	75	64	67	66
1510332	76	74	56	62	95	65	72	66	68	60	69	74	72	72
3140373	40	39	42	41	45	39	42	41	41	42	36	46	52	44
1580437	47	43	45	48	88	43	45	45	43	38	38	42	50	43
770739	89	84	74	80	77	75	112	110	259	127	714	92	87	97
1050168	873	2133	1759	44	945	114	275	93	66	56	674	877	67	89
3310093	189	195	253	204	208	317	185	202	223	203	289	258	203	181
1570039	465	543	881	2022	769	399	831	414	375	440	339	251	548	300
6200168	167	707	886	124	201	417	364	652	710	1017	654	127	266	92
4010519	54	42	46	46	211	45	61	88	50	48	42	55	56	48
2480424	122	296	338	96	280	417	282	401	401	366	186	122	243	382
3850064	203	583	370	599	609	1210	178	215	249	150	477	422	236	227
3450332	47	53	61	59	62	48	56	49	54	66	55	48	48	55
4780139	54	73	51	332	56	60	65	66	67	53	58	61	63	60

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
6330187	1173	1258	179	85	213	95	168	425	134	70	143	83	65	326
6840739	453	598	111	74	121	83	101	166	97	90	96	79	76	143
6420687	67	69	64	59	70	55	54	77	72	71	865	51	69	92
7150132	379	308	801	1175	1125	147	670	427	592	1085	246	270	319	505
5810253	270	144	685	443	260	153	360	193	155	770	163	195	232	149
2710452	47	202	244	52	43	86	131	110	107	118	129	46	49	45
7400598	76	82	84	89	62	79	75	71	75	3083	75	82	63	74
770615	44	41	40	45	49	40	52	39	43	40	43	44	38	39
290136	72	54	53	54	92	61	75	60	54	57	68	64	47	68
6450746	67	44	43	47	60	48	64	43	44	45	48	42	46	54
4250626	465	298	264	80	287	141	170	587	169	85	127	225	167	169
5390474	84	40	47	57	55	66	68	57	68	47	38	40	44	44
4480301	99	44	50	2883	757	1030	124	68	47	1426	1047	56	61	66
2690519	77	53	51	1440	340	462	93	65	55	725	557	56	61	56
2260615	723	491	737	1291	954	563	644	884	530	1367	576	500	718	432
4780373	73	74	80	76	264	372	347	80	82	68	549	82	79	76
6330593	77	137	62	125	51	95	71	91	112	82	72	56	72	67
940646	69	71	61	79	75	68	74	69	75	84	60	65	75	93
6900414	98	93	91	74	75	88	418	185	103	70	1761	76	144	257
6400465	263	465	306	61	278	262	333	622	441	252	314	178	198	261
3850603	67	92	69	80	76	99	85	66	73	117	73	71	105	83
2350132	261	172	40	41	59	52	46	46	85	41	44	47	58	333
130754	45	54	212	432	42	37	56	43	49	49	215	45	53	48
1510291	1159	446	2254	1775	1076	1453	1436	619	768	2944	1221	326	581	765
5960224	435	236	1066	860	510	889	517	246	281	1153	733	128	198	271
5490689	71	62	64	62	76	78	70	113	67	86	72	75	69	76
6400603	55	117	92	52	70	128	79	131	147	88	84	53	63	55
1410603	532	371	767	893	873	183	3345	519	371	4615	1035	255	210	2424
2760239	59	63	108	65	71	71	68	149	115	89	54	69	82	49
450132	285	125	359	507	410	136	460	330	252	278	126	291	423	232
3420372	76	192	68	103	209	114	221	80	80	115	112	83	64	67
1300187	221	422	270	209	156	284	152	131	105	104	226	412	136	381
3610170	79	258	76	57	66	72	70	68	61	118	67	84	79	67
6350475	74	147	60	60	70	67	62	70	63	73	66	79	76	75
6590438	60	1947	40	44	46	42	43	46	49	42	50	51	43	50
1260722	81	507	57	61	50	58	48	47	49	53	51	50	52	47
4010592	51	69	70	65	89	67	64	47	59	78	67	62	71	70
7160739	70	48	77	70	56	64	62	54	72	678	83	52	69	68
2650370	879	427	855	1964	1202	844	829	1085	809	498	755	618	340	850
2570220	211	498	191	359	720	1354	482	226	281	216	875	259	260	175
3930372	66	77	66	64	73	54	61	63	56	59	55	62	70	65

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
7560497	53	44	48	70	48	85	70	48	55	374	51	64	76	40
1510424	1966	968	1161	37	58	45	138	3100	85	32	580	46	43	12815
130338	52	50	48	45	59	56	55	61	50	55	48	70	75	54
1690563	334	56	129	45	130	71	120	466	60	62	100	1789	1215	64
4050291	49	44	39	40	48	45	49	45	38	40	46	52	42	38
3710022	66	50	53	56	77	45	62	141	60	38	55	139	164	50
2350482	63	64	66	52	68	63	56	63	70	69	68	68	73	69
5050270	86	89	74	1117	95	504	73	65	73	63	132	64	88	58
3850767	62	108	222	2721	422	331	543	626	116	2145	77	198	258	68
4900520	162	196	86	429	151	376	87	91	122	270	76	150	230	85
5260343	725	184	84	1123	90	579	118	380	1157	346	97	327	1491	49
520370	59	59	63	63	310	58	104	54	76	53	69	59	68	60
6840154	108	136	64	41	1718	47	50	46	55	37	59	41	53	48
3130706	59	77	67	70	83	66	68	77	60	60	60	59	76	71
3990278	55	76	36	46	45	34	35	38	44	46	48	50	46	45
4890021	56	60	222	1513	59	134	126	90	57	1235	219	59	72	51
5720379	80	80	80	65	76	84	65	70	78	67	82	81	74	73
5700441	36	44	44	41	47	50	46	49	44	43	45	44	50	50
6770333	46	54	49	46	58	42	97	132	348	60	149	43	51	45
1050563	46	45	44	56	47	50	44	57	42	48	48	47	47	57
830095	40	42	42	39	38	37	42	40	40	52	36	36	45	39
450246	61	67	63	64	71	67	1294	3875	8271	856	6150	62	61	433
2970112	82	91	80	76	74	82	159	488	836	208	385	88	66	126
1710356	61	63	71	58	65	63	780	1312	4391	445	2711	75	58	75
510561	44	37	46	40	43	43	163	1350	1794	77	3415	49	46	42
5670082	55	49	47	49	49	62	54	55	59	69	43	49	45	52
730093	109	138	40	75	40	45	47	40	45	1771	46	41	39	33
730148	100	78	76	119	85	77	65	95	85	82	91	92	63	106
4220053	285	159	156	73	274	228	114	137	168	126	597	53	51	77
270301	57	43	78	75	65	66	68	67	64	80	57	68	75	74
2070372	73	77	70	154	76	79	57	76	67	102	76	82	68	74
1580653	94	98	106	80	90	96	87	99	82	94	111	98	114	92
10066	46	39	47	54	46	49	43	57	53	55	46	52	45	52
3120286	53	55	44	57	55	53	65	65	57	80	47	50	61	44
6480450	47	50	46	82	48	43	44	62	41	56	43	39	45	44
6650152	67	67	56	59	59	74	52	49	55	46	53	65	74	59
2570672	127	5099	42	37	41	40	44	45	42	36	41	43	40	39
4670138	630	219	92	60	91	57	151	171	69	70	47	61	46	202
20609	213	188	128	109	386	211	155	116	76	77	390	52	51	83
4480390	185	40	44	42	41	54	40	43	57	39	39	34	90	37
7380152	227	213	422	431	283	658	436	268	281	355	473	332	439	315

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
2810762	65	61	45	66	69	66	68	51	79	67	57	70	59	55
1740692	72	68	60	65	60	50	64	73	62	60	73	72	72	55
2450452	563	978	1575	298	913	483	933	817	333	482	1063	1349	744	503
4850576	50	40	46	40	46	47	46	97	180	46	48	42	49	81
510133	207	275	1346	990	536	196	352	258	455	743	305	330	602	411
2640598	63	58	210	76	91	58	56	70	62	73	53	54	71	71
6330730	238	107	482	94	98	196	961	115	707	80	647	94	189	600
4560228	67	53	74	75	89	72	74	73	67	62	58	71	66	62
4610201	140	101	109	116	87	127	100	75	87	85	171	98	88	92
6510156	75	239	88	862	94	1173	86	90	71	82	114	73	119	70
5390767	58	81	69	82	150	274	59	59	65	57	66	59	48	58
5490465	74	55	84	100	129	269	81	67	74	70	61	68	82	73
6960438	136	91	126	160	234	361	101	85	78	176	95	65	97	113
4060025	87	62	84	83	77	90	72	74	81	72	78	64	71	73
4850711	147	100	126	190	531	202	139	87	101	108	133	91	181	130
3990497	318	277	976	54	465	331	898	717	354	290	319	362	275	381
4200711	86	68	101	180	306	530	99	71	70	78	114	72	71	78
3180647	109	79	159	119	187	76	158	88	89	95	70	79	141	129
1090196	52	56	61	99	57	161	59	71	47	68	68	58	64	63
5260280	162	84	233	212	241	417	240	97	107	186	148	89	140	111
6290091	283	221	291	228	653	294	218	103	184	178	281	148	352	248
2710687	69	59	74	77	65	69	54	62	102	96	50	62	99	74
6270731	69	77	69	106	260	228	66	66	67	59	74	69	63	57
3840091	138	112	158	152	291	235	108	82	99	94	115	100	124	117
2510164	504	2190	15141	1294	5416	7084	3330	474	9028	757	3452	3047	247	2482
580161	329	1038	11199	671	2778	1964	1872	377	5129	257	1627	1416	178	1509
380685	631	3254	14577	1340	5804	6134	3981	533	7468	1163	5176	2327	261	1315
4210044	77	93	127	414	2078	267	97	90	103	89	114	74	61	86
2450020	117	72	151	177	200	404	141	75	82	113	105	102	91	74
20543	67	61	63	67	345	148	65	70	70	55	72	67	61	82
4390044	73	71	59	60	217	138	56	62	46	57	79	68	52	64
3870156	89	70	73	95	70	105	86	64	63	99	91	62	60	48
1850273	82	83	262	156	156	131	255	152	108	110	128	88	123	126
3310037	49	56	58	3436	50	52	47	48	48	61	52	43	46	49
3370736	781	304	457	1701	948	1760	1465	952	421	388	610	318	928	533
5310368	48	1789	41	39	46	43	41	45	50	47	46	40	53	67
160433	44	46	43	44	42	44	48	47	43	38	46	45	39	41
2070735	255	345	606	865	1240	226	510	393	214	826	306	350	435	244
3710711	553	847	1054	892	1545	535	957	700	499	1070	867	487	857	413
6860138	54	60	57	666	59	59	66	59	72	234	60	71	57	52
5340692	353	123	173	280	209	90	123	170	74	233	83	319	148	123

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
270347	252	643	456	135	364	145	153	201	129	117	197	757	281	111
2690577	54	54	70	54	60	60	70	62	71	63	46	47	60	59
870475	70	74	107	74	82	77	75	71	82	85	68	63	71	72
540014	61	57	62	85	52	68	66	63	57	56	78	63	59	57
6040433	45	87	55	126	43	54	41	51	42	441	58	53	40	35
4810730	140	160	79	485	128	219	59	79	69	343	54	76	56	65
3180639	48	67	41	1378	36	41	43	37	35	192	34	39	41	39
60017	69	66	72	68	70	73	58	58	70	72	75	68	71	64
3520768	56	150	46	2227	45	63	42	43	433	1433	45	46	49	53
4280192	81	86	88	73	67	80	81	90	94	61	78	59	67	66
770255	76	82	84	85	82	76	73	70	79	68	73	59	80	77
1770603	205	44	100	34	39	36	56	154	58	37	47	40	43	5834
1410192	80	68	75	56	65	74	69	82	144	253	66	77	71	65
1230672	2244	1824	44	42	49	43	42	44	46	40	78	38	49	1942
4040632	192	188	52	66	63	66	74	66	70	73	124	63	66	2107
4730376	76	47	44	46	40	44	50	45	43	43	48	48	49	43
4900634	45	69	39	45	69	36	42	179	45	43	38	123	53	44
4290209	352	419	243	91	414	245	199	482	317	116	425	185	248	258
940674	58	94	66	42	89	41	53	82	41	51	62	43	50	87
3360762	149	117	115	72	86	126	85	92	81	75	117	150	102	142
6180750	426	55	34	44	39	32	41	41	36	36	41	39	36	35
2320168	51	47	3894	45	53	42	55	62	48	40	65	44	51	72
6980470	96	48	73	42	593	45	44	47	57	204	47	96	130	74
2640301	62	71	69	45	255	263	88	75	69	57	58	51	46	57
6100484	70	61	72	76	63	55	84	69	84	69	58	57	72	502
6060376	68	74	70	850	603	109	70	82	81	574	81	196	63	65
2570161	261	350	340	217	252	119	274	141	167	164	144	223	100	136
990441	50	47	49	44	47	48	48	49	43	50	45	50	56	50
4730564	149	90	102	284	150	202	142	171	129	179	94	209	324	142
4890092	179	129	125	161	130	169	95	120	85	126	276	142	88	124
430300	56	65	47	58	64	70	55	57	61	58	53	57	60	62
3850326	41	35	43	41	41	44	45	37	49	42	1357	41	46	45
2030709	78	86	73	66	80	58	76	72	68	71	65	63	82	75
5260253	42	39	36	45	39	43	38	46	46	34	41	50	36	42
6040731	47	50	43	37	53	56	43	42	50	50	44	40	45	35
6420605	944	140	187	82	642	697	494	550	529	552	127	102	107	114
4250367	76	72	80	75	329	87	81	115	95	69	79	160	80	1613
3930086	795	953	944	1047	1128	679	516	600	667	1225	761	520	645	861
6580059	313	460	228	354	386	473	588	1087	451	810	841	209	169	260
1070088	87	109	52	54	56	56	249	66	48	48	94	69	76	1650
6370703	60	40	49	37	41	36	974	39	41	47	471	42	50	790

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
6860392	75	2179	102	63	86	72	73	75	62	63	77	68	79	112
2190408	47	48	48	46	46	197	57	57	53	118	44	60	48	3259
3390215	57	55	62	52	56	62	56	48	59	56	59	55	52	47
7000619	95	103	94	54	118	153	95	153	141	85	135	78	92	76
5420189	53	46	51	298	444	58	406	49	111	1023	49	46	46	96
5570181	60	59	67	281	344	66	328	63	128	1028	70	55	61	136
5810730	37	42	38	42	43	34	56	39	57	85	37	43	33	41
5900228	70	72	72	76	67	60	77	68	84	183	72	67	62	58
5360601	85	83	99	318	470	80	350	83	147	1095	92	81	78	129
7610524	44	52	71	64	61	56	69	63	96	157	54	61	59	54
2850619	129	108	76	287	73	121	103	89	65	1209	86	114	90	73
3130372	113	146	45	44	49	47	44	49	58	50	47	40	44	52
5910414	48	58	41	59	57	48	39	49	50	48	47	48	68	46
5870091	60	53	49	75	69	48	53	43	45	57	60	61	73	65
1090008	31	42	41	55	38	39	41	43	36	39	37	1422	211	40
70451	260	801	680	161	724	758	530	1069	1068	646	407	366	360	111
3710026	44	50	75	80	51	74	46	49	53	164	68	51	49	47
4260286	93	83	432	80	141	336	239	603	665	96	1032	288	85	118
2810451	299	83	41	58	294	45	1803	64	80	264	64	42	51	3738
5700431	149	181	381	91	150	125	121	131	116	250	205	135	238	161
1240746	94	102	66	69	72	59	97	388	186	76	110	70	81	63
2710343	72	68	124	47	114	83	153	86	65	63	48	77	337	127
6840202	75	72	101	69	60	107	99	54	53	68	57	209	64	56
6940431	74	125	48	469	57	63	73	56	61	102	67	92	66	56
4490743	54	70	61	51	76	60	60	7423	781	71	1546	68	59	72
4810632	73	66	60	57	59	54	76	8759	1161	78	1905	60	62	52
5220753	65	80	58	63	52	59	74	7105	1005	68	2201	64	53	65
6200091	66	73	92	55	86	67	74	797	159	66	469	61	73	72
2690279	45	59	45	344	51	125	46	58	49	655	40	48	43	46
6590523	279	192	175	51	350	95	160	107	70	138	75	128	97	144
670414	57	59	52	971	57	41	50	59	62	166	42	47	66	47
4490288	43	47	43	860	63	45	47	42	50	51	53	49	55	50
6580717	97	110	115	53	415	175	117	194	171	86	86	104	101	74
5560411	134	163	293	138	280	215	186	216	129	444	212	102	187	136
1170154	176	122	132	713	176	145	193	133	104	167	151	150	152	151
3290152	147	100	122	500	102	137	147	127	87	168	171	118	134	134
3310592	2201	4208	4279	6886	3421	3227	3843	3631	5246	2778	2074	1937	3269	1891
3450750	4878	8673	7871	10577	6247	6621	6198	7146	8997	5662	4161	4847	5731	3369
3400070	286	135	225	297	369	363	349	215	193	200	221	234	241	231
20603	332	256	695	237	447	123	288	304	324	411	151	275	504	346
6580113	51	67	60	71	59	75	45	89	216	49	64	68	62	66

ProbeID	[[172], Colon: right Adenocarcinoma of colon, MBA_2259	[[173], Colon Tumor Invasive adenocarcinoma, MBA_2323	[[174], Cervix Carcinoma of cervix squamous cell, MBA_2263	[[175], Endometrium Adenocarcinoma of endometrium endometrioid, MBA_2244	[[177], Ovary Adenocarcinoma of ovary serous, MBA_2247	[[178], Ovary Tumor Carcinoma, MBA_2320	[[179], Lung Carcinoma of lung squamous cell, MBA_2236	[[180], Lung Adenocarcinoma of lung, MBA_2237	[[181], Lung Carcinoma of lung large cell, MBA_2238	[[182], Lung: left upper lobe Carcinoma of lungsmall cell, MBA_2239	[[183], Lung Tumor Squamous cell carcinoma, MBA_2322	[[184], Pleura Mesothelioma of pleura, MBA_2256	[[185], Pleura Mesothelioma of pleura mixed, MBA_2257	[[186], Kidney Carcinoma in situ of renal pelvis papillary transitional cell, MBA_2241
5870008	114	499	395	70	230	362	204	494	702	392	267	96	96	92
7050201	59	128	68	59	56	93	64	99	106	180	80	63	55	58
150735	46	54	58	75	60	56	56	51	65	99	45	89	85	65
510066	53	88	57	85	70	74	69	50	50	61	63	70	54	62
1470162	80	67	67	83	65	67	63	68	67	68	70	67	64	68
3520168	672	1263	88	9333	300	10088	225	78	347	1896	2659	96	107	156
1980538	65	74	68	2428	68	80	70	74	73	563	74	71	65	64
5820026	337	144	126	60	211	89	101	193	246	78	104	124	149	459

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
4850086	43	98	43	67	4889	43	43	82	45	38	40	75	54
6110592	154	176	70	104	104	81	75	135	134	365	56	77	86
3190082	55	53	59	57	56	63	46	49	50	56	51	57	46
1450100	554	39	47	61	37	46	49	40	49	47	51	48	39
5490382	48	47	40	37	41	39	41	42	49	53	8534	3768	44
3520709	92	73	84	71	62	89	62	65	75	79	81	64	65
3120681	41	41	44	38	2024	41	43	42	47	39	3631	2464	44
2030161	68	70	71	77	88	61	52	66	71	50	188	103	70
270709	73	70	79	74	70	76	81	66	80	74	5848	2435	77
2320377	44	49	41	44	39	43	52	44	39	44	7725	3731	44
1260270	79	56	3579	131	73	120	126	78	154	94	79	83	95
2760274	214	44	48	61	50	47	45	43	75	67	1147	66	128
2650736	50	48	50	46	59	51	46	47	53	68	4522	861	139
5910010	69	74	71	180	75	70	82	119	69	57	21084	22716	94
5310524	106	158	135	99	153	199	162	156	84	90	109	101	144
3780156	67	48	40	58	107	46	45	44	44	54	39	104	61
1050561	49	74	74	67	552	65	68	61	69	65	7536	2008	62
2480040	38	57	47	43	27	53	174	44	37	40	43	36	40
5910309	35	34	36	42	44	37	37	38	41	40	40	42	39
5810050	260	151	98	130	340	168	126	89	107	140	51	86	102
1030184	140	51	40	207	139	51	49	44	170	258	53	3297	732
3460279	54	43	47	69	52	57	53	45	47	58	5978	6755	493
4570364	68	94	92	76	60	117	77	100	63	91	17024	16513	77
6380020	69	63	79	81	64	77	56	144	73	64	19815	15432	70
3780468	55	62	61	62	70	56	60	55	62	59	386	174	57
240541	43	54	42	46	62	45	42	62	42	43	7871	6429	59
2630010	47	67	49	48	58	57	53	71	73	57	10157	8874	47
1740669	33	39	39	33	6773	38	36	37	48	40	10614	3509	36
2340577	63	45	45	50	144	45	52	46	41	41	38	45	50
1850521	61	93	41	60	52	452	102	71	77	55	57	54	52
2650594	57	47	80	62	46	58	139	47	99	65	55	88	88
130110	55	54	64	69	46	56	52	58	60	53	83	74	59
4830376	52	51	48	47	2634	45	53	43	51	43	43	49	54
7200435	206	56	128	73	174	186	173	245	873	2137	67	80	94
6290239	108	68	86	82	81	217	141	117	74	73	62	68	78
2480241	215	367	183	191	207	204	216	200	164	102	1084	221	188
5080561	395	172	299	199	92	1492	1274	137	165	293	66	166	218
1770253	41	41	40	43	41	45	47	46	51	43	47	40	46
6280440	137	56	47	111	60	54	44	183	109	300	56	65	137
3450347	42	52	48	57	41	49	53	40	48	50	39	59	42
3170100	87	213	39	37	49	105	56	66	113	293	39	44	54

ProbeID	[[187], Gastroesophageal junction Adenocarcinoma of gastroesophageal junction, MBA_2251	[[189], Thyroid gland Carcinoma of thyroid follicular, MBA_2274_TR	[[190], Urinary bladder Carcinoma of bladder transitional cell, MBA_2271	[[191], Pancreas Adenocarcinoma of pancreas ductal, MBA_2277	[[192], Pancreas Tumor of pancreas neuroendocrine, MBA_2278	[[193], Testis Seminoma of testis, MBA_2281	[[194], Testis Seminoma of testis rep2, MBA_2282	[[195], Prostate Adenocarcinoma of prostate, MBA_2287	[[196], Rectum Adenocarcinoma of colon, MBA_2290	[[197], Rectum Adenocarcinoma of rectum, MBA_2291	[[198], Liver: left lobe Carcinoma of liver hepatocellular, MBA_2295	[[199], Liver Cholangiocarcinoma of liver, MBA_2296	[[200], Bile duct Cholangiocarcinoma of bile duct, MBA_2283
2600554	66	61	69	90	119	686	128	67	67	66	65	82	74
2510253	275	194	217	350	547	292	295	277	100	202	46	433	117
7570477	222	200	194	190	113	1106	957	124	176	158	334	145	214
7510424	441	407	318	392	126	1259	1390	209	276	263	482	244	398
6040452	53	65	219	64	54	283	184	74	54	51	63	66	60
1850068	128	155	211	99	177	238	170	101	88	182	323	147	94
6110440	65	60	62	73	69	203	120	77	69	67	92	74	65
6960035	44	59	40	37	1296	37	32	42	59	34	44	33	45
7050215	46	47	50	337	42	49	44	46	43	37	41	40	40
1710242	1121	103	1081	648	123	2407	1177	167	312	771	144	135	381
4890670	79	60	109	86	70	83	81	83	74	64	77	72	70
4540468	62	70	42	62	69	56	62	65	65	50	61	68	58
6510360	421	245	280	242	672	700	571	177	255	251	405	144	148
6110102	325	77	88	149	1430	114	102	74	170	410	75	179	248
6110152	46	37	44	50	53	44	43	46	40	46	46	47	47
2490044	113	104	137	80	120	172	137	113	89	105	143	75	103
1070224	52	40	52	54	61	41	45	46	48	53	45	74	54
2070377	346	60	80	73	86	52	62	72	109	130	63	136	124
2000128	45	44	43	372	48	43	51	44	154	62	10335	4807	132
6100241	36	37	44	44	38	46	39	42	70	42	48	46	37
6420689	63	66	75	64	58	86	47	53	57	60	80	64	69
6060347	46	57	56	51	37	2024	1534	52	52	51	49	50	40
6040156	75	53	79	66	110	290	101	115	76	66	183	73	76
3870593	77	66	82	76	96	67	74	72	64	57	95	59	69
3610180	42	40	38	39	47	44	43	46	44	45	46	47	38
6450403	36	43	42	43	42	46	44	45	42	43	5584	3208	82
4260280	75	67	75	76	99	63	80	71	77	81	75	64	87
6650215	135	71	76	73	392	87	89	110	103	110	78	71	95
2190139	41	44	44	41	41	41	51	46	3208	38	41	38	45
4850170	42	40	43	45	40	38	70	42	39	39	55	42	42
5310343	44	47	45	43	92	128	422	43	46	66	46	48	46
3710176	73	115	90	90	197	92	78	81	84	77	114	79	76
1450671	163	67	159	229	100	87	156	94	106	119	106	283	208
3830598	47	101	53	56	236	54	51	83	93	46	48	43	88
3830170	329	257	151	257	206	125	205	283	185	219	181	244	182
5340348	112	64	186	83	53	82	66	120	91	90	104	79	72
780356	72	46	80	63	59	56	63	67	143	139	76	66	59
5360070	507	108	844	263	71	2303	950	86	157	902	63	289	103
6250672	583	343	123	428	57	75	145	203	153	381	51	293	142
580100	98	60	144	105	63	88	134	56	275	95	172	90	80
7210136	42	45	62	66	47	122	216	50	101	51	47	44	65

CLAIMS

1. A method of detecting cancer in a sample comprising a) contacting the sample with one or more agents that detect expression of at least one of the markers encoded for by one or more of the genes listed in Table 1 b) contacting a non-cancerous cell, with the one or more agents from a); and c) comparing the expression level of one or more of the markers encoded for by the genes found in Table 1 in the sample with the expression level of one or more of the markers found in Table 1 in the non-cancerous cell, wherein a higher level of expression in the sample of one or more of the markers found in Table 1 encoded for by the genes found in Table 1in the sample compared to the non-cancerous cell indicates that the sample has cancer cells.

2. The method of claim 1, wherein the sample is obtained from a subject.

3. The method of claim 2, wherein the subject is a human.

4. The method of claim 3, wherein the sample is a bodily fluid.

5. The method of claim 4, wherein the bodily fluid is serum.

6. The method of claim 1, wherein the agent is a protein.

7. The method of claim 6, wherein the agent is an antibody.

8. The method of claim 1, wherein the agent is a nucleic acid.

9. The method of claim 8, wherein the nucleic acid is a DNA molecule.

10. The method of claim 8, wherein the nucleic acid molecule is about 10-500 nucleotides in length.

11. The method of claim 1, wherein the agent has a detectible substance linked to it.

12. The method of claim 1, wherein the cancer is chosen from lung cancer, breast cancer, colon cancer, bladder cancer, kidney cancer and pancreatic cancer.

13. A kit for detecting cancer in a sample comprising a plurality of agents that specifically bind to a molecule encoded for by the genes found in Table 1.

14. The kit of claim 14, wherein the agents are nucleic acid molecules.

15. The kit of claim 15, wherein the nucleic acid molecules are DNA molecules.

16. The kit of claim 14, wherein the agents are proteins.

17. The kit of claim 17, wherein the proteins are antibodies.

18. The kit of claim 14, wherein the agents are labeled with a detectible substance.