Recent patent applications in gene expression

Patent #	Subject	Assignee(s)	Inventor(s)	Priority application date	Publication date
JP 2007334719	A defect value complementation system for gene-expression analysis that produces a classification device using a data learning program, estimates and inputs a defect value into the data of the classification device.	Hitachi Software Engineering Co. (Tokyo)	Mori A	6/16/2006	12/27/2007
WO 2007144342	The use of plastid-lipid–associated protein promoter for heterologous expression of genes in plants of the genus *Tagetes* and for producing biosynthetic products, e.g., carotenoids, where the promoter is functionally linked with ketolase gene.	BASF Plant Science (Ludwigshafen, Germany)	Flachmann R, Sauer GM, Schopfer CR	6/13/2006	12/21/2007
WO 2007140617	A method for making a cell that expresses a magnetosome-like structure as a contrast agent; useful in a diagnostic or therapeutic method to locate and/or track the cell *in vitro* or *in vivo* using MRI or X-ray, e.g., for tracking the progress of tissue regeneration after stem cell transplantation, for monitoring gene therapy in diabetes or for *in vivo* monitoring of cancer.	Multi-Magnetics (London, ON, Canada)	Dhanvantari S, Goldhawk DE, Hill D, McCreary CR, McGirr R, Prato FS, Thomas AW, Thompson TR	6/8/2006	12/13/2007
WO 2007143752	A method of making a prognosis for a patient with breast cancer by determining from breast cancer tissue from the patient the level of gene amplification or gene expression product for a gene.	University of California (Oakland, CA, USA)	Chin K, Fridlyand J, Gray JW, Hu Z, Neve R, Spellman P, Waldman F	6/9/2006	12/13/2007
WO 2007141790	A new Geminivirus-based expression construct comprising a heterologous polynucleotide sequence being flanked by a noncontiguous nucleic acid sequence encoding a Geminivirus replicase, where the construct is capable of systemic symptom less spread in a plant host; useful for plant gene expression, gene silencing and plant protection.	Yissum Research Development Co., Hebrew University of Jerusalem (Jerusalem, Israel)	Mozes-Koch R, Peretz Y, Sela I	6/7/2006	12/13/2007
JP 2007312653	A method for analyzing time-sequential gene expression level data based on the comparison of feature of gene expression level data in the organisms originating the same line and characteristics of the time-sequential gene expression level data between organisms.	Nippon Denki Software (Tokyo)	Koshi T, Muto A	5/24/2006	12/6/2007
WO 2007139849	A finite, addressable and self-assembling nucleic acid tiling array comprising addressable nucleic acid probes and one or more unique chemical tags; for gene expression analysis in a sample chosen from disrupted cells, cell lysates, blood, serum, saliva and urine.	Arizona State University (Tempe, AZ, USA)	Chaput J, Lindsay S, Yan H, Zhang P	5/25/2006	12/6/2007
WO 2007137366	A method of determining a predictive relationship between data related to gene expression levels and an outcome related to a disease or disorder comprising providing data consisting of probe sets, each probe set comprising elements of gene expression data related to a gene, and analyzing the data to find a group of one or more of the probe sets, which have a predictive relationship to the outcome.	Telethon Institute for Child Health Research (Subiaco, Western Australia)	De Klerk N, Firth M, Kees UR	5/31/2006	12/6/2007
US 20070259365, JP 2007298521	A multifunctional oligomer probe array comprising substrate, array regions and column spacer; useful for simultaneously performing different analyses, e.g., gene expression profiling and genotyping.	Samsung Electronics (Seoul)	Chi S, Hah J, Kim K, Kim W	5/2/2006	11/8/2007, 11/15/2007
JP 2007282505	A novel light-control molecular switch containing telomerase protein component 1 and/or its variant; useful for controlling plant growth and for controlling gene expression in molecular biology experiment kits.	Kagawa University (Saiwai, Japan)	Fukamatsu Y, Kiyosue T, Ogura Y	4/12/2006	11/1/2007
WO 2007076328	A composition comprising interfering nucleic acid, useful for preventing, inhibiting or reducing diseases, e.g., HCV infection, liver failure, hepatocellular carcinoma or cirrhosis.	Sirna Therapeutics (San Francisco)	Guerciolini R, Jadhav V, McSwiggen J, Morrissey D, Vargeese C	12/19/2005	7/5/2007

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