

Recent patent applications in gene expression

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
WO 2008148858	A method of diagnosing or prognosing HIV-related diseases comprises collection of a blood sample from a subject, isolation of the monocytes from this blood sample and determination of gene expression in the monocytes.	Institute of Tropical Medicine (Antwerp, Belgium), Free University of Brussels (Brussels), VIB (Ghent, Belgium)	de Baetselier P, Raes G, van den Bergh R, Vanham G	6/8/2007	12/11/2008
WO 2008150884	A new regulatable gene expression construct for affecting the processing of RNA comprises a nucleic acid molecule encoding an RNA comprising a riboswitch operably linked to a coding region.	Yale University (New Haven, CT, USA)	Breaker RR, Wachter A	5/29/2007	12/11/2008
WO 2008148115	Evaluating multiple sclerosis (MS) in a patient comprises determining a gene expression profile for a blood sample of a patient, comparing the gene expression profile and classifying gene expression profile as MS profile or non-MS profile.	Ore Pharmaceuticals (Gaithersburg, MD, USA)	Bigwood D, Eastman E, Kaldjian E	5/25/2007	12/4/2008
WO 2008141682	A method of preparing oligonucleotides as probes useful in gene expression analysis; involves providing a hydroxyl-containing compound, preparing the phosphitylated compound in the presence of a first activator and reacting it in a second activator without isolation.	Girindus (Bensberg, Germany)	Groessel O, Hohfeld A, Kirchhoff C, Lange M, Schoenberger A	5/22/2007	11/27/2008
US 20080295202	A new isolated polynucleotide comprising a promoter sequence or coding sequence for soybean SC194 protein; useful for gene expression and for altering marketable flower traits, such as color, morphology and fragrance in flowering plants.	Li Z	Li Z	5/17/2007	11/27/2008
US 20080295201	A new polynucleotide comprising a promoter or coding sequence for lipid transfer protein 2 (LTP2); useful for regulating gene expression and altering marketable flower traits such as color, morphology and fragrance in flowering plants.	Li Z	Li Z	5/17/2007	11/27/2008
US 20080293164	An assay method comprising providing a sample containing a target biomolecule, providing a sensor protein conjugated to a signaling chromophore, providing a conjugated polymer and applying a light source; useful, e.g., for detecting gene expression.	Sirigen (San Diego)	Baldocchi R, Fu T, Gaylord BS, Hong JW, Sun C	10/6/2006	11/27/2008
WO 2008140334	A new isolated promoter polynucleotide comprising at least two specific sequence motifs; useful for controlling transcription of operably linked polynucleotides in plants for expressing pharmaceutical products and desired phenotypes.	Allan AC, Chagne D, Espley R, Hellens RP	Allan AC, Chagne D, Espley R, Hellens RP	5/11/2007	11/20/2008
WO 2008137090, US 20080286273	A method of predicting patient response to cancer treatment, comprising measuring in a biological sample from a patient the levels of gene expression and correlating the signature score with a predicted response to cancer treatment.	Siemens Medical Solutions USA (Malvern, PA, USA)	Buffa FM, Harris AL, Krishnan S, Krishnapuram B, Lambin P, Nuyten D, Nuyten DSA, Rao RB, Seigneuric RG, Starmans M, Starmans MHW, Steck H, Wouters BG	5/2/2007	11/13/2008, 11/20/2008
WO 2008136971	A method of diagnosing whether a human subject has, or is at risk for, developing pancreatic cancer, by detecting the level of expression of miR gene products from a tissue sample and comparing the gene expression detected to a database comprising part of the data.	Ohio State University Research Foundation (Columbus, OH, USA)	Croce CM	4/30/2007	11/13/2008
WO 2008136902	A new isolated double-stranded nucleic acid for reducing expression of a target gene in a mammalian cell.	City of Hope (Duarte, CA, USA), Integrated DNA Technologies (Coralville, IA, USA)	Behlke MA, Kim D, Rossi JJ	5/1/2007	11/13/2008

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