

Recent patent applications in nucleic acid analysis

Patent #	Subject	Assignee	Inventor(s)	Priority application date	Publication date
WO 200453165	A method for identifying a nucleic acid, comprising determining a nucleic acid expression profile of a cell in an agent concentration gradient; for treating, e.g., rheumatoid arthritis, systemic lupus erythematosus or myasthenia gravis.	General Hospital Corp. (Boston, MA, USA)	Poznansky M, Rutishauser R	2/5/2003	6/24/2004
WO 200453154	A method for amplifying a nucleic acid of a target cell or virus, comprising contacting a sample containing or suspected of containing a target cell or virus with a magnetic microbead.	Capital Biochip Co. Ltd. (Beijing, China); Qinghua Univ. (Beijing, China)	Chen D, Chen J, Fei W, Xie X, Zhang X	12/10/2002	6/24/2004
WO 200453143	Generating a signal indicative of the presence of a target nucleic acid sequence in a sample, comprising incubating a sample, a probe and a structure-specific nuclease.	Nustar Laboratory (San Ramon, CA, USA)	Bi W	12/9/2002	6/24/2004
WO 200453137	A method of producing a polypeptide or untranslated RNA molecule, comprising introducing at least one nucleic acid molecule into at least one host cell to produce at least one recombinant host cell.	Cytos Biotechnology (Zurich)	Bachmann MF, Hennecke F, Sudan P, Stern DM	12/11/2002	6/24/2004
WO 200453105	A method for detecting a target nucleic acid sequence in a sample, comprising providing an addressable substrate having a capture oligonucleotide bound to it; useful for distinguishing between two or more species of a common genus.	Nanosphere (Northbrook, IL, USA)	Bao YP, Hagenow SR, Marla SS, Muller U, Storhoff JJ	12/12/2002	6/24/2004
WO 200453103	A method of introducing a nucleic acid into an adipocyte, comprising contacting an adipocyte having a cell membrane with a nucleic acid molecule, thus forming a mixture; useful for treating type II diabetes, obesity or insulin resistance.	Univ. Massachusetts (Amherst, MA, USA)	Czech MP, Jiang Z, Zhou Q	12/11/2002	6/24/2004
WO 200453057	An expression system comprising a first nucleic acid sequence that encodes a Toll-like receptor (TLR); useful for preparing a composition comprising TLR agonist for treating, e.g., cancer.	3M Innovative Properties (St. Paul, MN, USA)	Fink JR, Ghosh TK, Gupta SK	12/11/2002	6/24/2004
WO 200452175	A method for identifying a pathogen in a biological sample, comprising amplifying at least one nucleic acid molecule obtained from a biological sample with at least one pair of intelligent primers to obtain at least one amplification product, and determining the molecular mass of at least one amplification product which identifies the pathogen in the biological sample.	Ecker DJ; Griffey RH; Hofstadler S; McNeil J; Sampath R; Isis Pharmaceuticals (Carlsbad, CA, US)	Ecker DJ, Griffey RH, Hofstadler S, McNeil J, Sampath R, Crooke ST, Hofstadler SA	9/11/2003	6/24/2004
US 20040121364	A method for detecting a target sequence, comprising contacting a first and second probe with the sequence under conditions where complementary probes form a hybridization complex with the sequence, and one of the probes comprise an adapter sequence, extending the first or second probe of the hybridization complex to form a modified probe, amplifying the modified probe to form an amplicon and detecting the amplicon.	Chee M; Fan J; Gunderson K	Chee M, Fan J, Gunderson K	7/15/2003	6/24/2004
WO 200448928	Analyzing the transcriptome of a cellular sample; by treating a 2-dimensional array of the cellular sample with an external movement inhibitor device and analyzing the cellular sample; useful for molecular analysis.	US Dept. of Health & Human Services (Washington, DC, USA)	Chuaqui RF, Emmert-Buck MR, Tangrea MA	11/25/2002	6/10/2004

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