

MAY, 2010 Gene-Related Patents Issued - Full patent:

<http://patft.uspto.gov/netahtml/PTO/srchnum.htm>

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Pat No	Title	Assignee	Date Issued	Country
7,709,253	Ligand-regulable transactivation systems, methods of use thereof, methods of detecting estrogen receptor ligands, and methods of differentiating estrogen receptor ligand agonists and antagonists	The Board of Trustees of the Leland Stanford Junior University	4-May-10	United States
7,723,081	Bacteria containing aspartate-semialdehyde dehydrogenase, phosphoenolpyruvate carboxylase, and transhydrogenase to produce L-lysine in escherichia, and methods of using same	Ajinomoto Co., Inc.	25-May-10	United States
7,723,067	Process for producing transglutaminase	Ajinomoto Co., Inc.	25-May-10	Japan
7,723,110	Plant cell signaling genes	Arborgen, LLC	25-May-10	United States
7,723,097	Escherichia coli strains that over-produce L-threonine and processes for their production	Archer-Daniels-Midland Company	25-May-10	United States
7,709,226	Method of humanizing antibodies by matching canonical structure types CDRs	Arrowsmith Technology Licensing LLC	4-May-10	United States
7,723,098	Method of constructing host and method of producing heterologous protein	Asahi Glass Company, Limited	25-May-10	Japan
7,723,046	Method of screening for a compound using guanosine triphosphate (GTP)-binding protein-coupled receptor protein, BG37	Banyu Pharmaceutical Co., Ltd.	25-May-10	Japan
7,723,102	Enhanced transfection system	Bayer Corporation	25-May-10	United States
7,723,041	Assay for SARS coronavirus by amplification and detection of the replicase sequence	Becton, Dickinson and Company	25-May-10	United States
7,723,027	Methods for the diagnosis and treatment of epilepsy	Bionomics Limited	25-May-10	Australia
7,723,104	Cancer specific promoters	Board of Regents, The University Of Texas System	25-May-10	United States
7,713,701	DNA-binding polymers	California Institute of Technology	11-May-10	United States
7,713,692	Nucleic-acid probe substrate, system for temperature control of the substrate, and gene detection method making use of the same	Canon Kabushiki Kaisha	11-May-10	Japan
7,718,362	DNA chip based genetic typing	CapitalBio Corporation	18-May-10	China P. Rep.

7,709,189	Methods for identifying or diagnosing carcinoma cells with metastatic potential based on the measurement of lymphoid genes or their products in carcinoma cells	Cohen; Stefan A.	4-May-10	United States
7,709,214	Methods for upregulating an immune response with agents that inhibit the intereaction between PD-L2 and PD-1	Dana-Farber Cancer Institute, Inc.	4-May-10	United States
7,718,411	Trichoderma reesei G/11 xylanases with improved stability	Danisco US Inc.	18-May-10	United States
7,709,203	Sequences diagnostic for shrimp pathogens	E.I. du Pont de Nemours and Company	4-May-10	United States
7,713,738	Oligomeric compounds for the modulation of survivin expression	Enzon Pharmaceuticals, Inc.	11-May-10	Denmark
7,723,033	Prediction of likelihood of cancer recurrence	Genomic Health, Inc.	25-May-10	United States
7,713,719	Methods for reducing or eliminating .alpha.-mannosidase resistant glycans for the production of glycoproteins	GlycoFi, Inc.	11-May-10	United States
7,713,704	MN gene and protein	Institute of Virology of the Slovak Academy of Science	11-May-10	Slovakia
7,723,063	Methods for measuring levels of bioactive human hepcidin	Intrinsic Lifesciences	25-May-10	United States
7,709,235	5-Substituted hydantoin racemase, DNA encoding the same, recombinant DNA, transformed cell, and process for production of optically active N-carbamylamino acid or optically active amino acid	Kaneka Corporation	4-May-10	Japan
7,718,396	Inducible high expression system	Kobayashi; Michihiko	18-May-10	Japan
7,718,429	Method for inducing differentiation to skeletal muscle cells	Kyoto University	18-May-10	Japan
7,709,234	.alpha.-1,3-fucosyltransferase	Kyowa Hakko Kirin Co., Ltd.	4-May-10	Japan
7,723,039	Gene expression profiling from FFPE samples	MDS Analytical Technologies (US) Inc.	25-May-10	United States
7,723,034	Method of screening for neuronal ceroid lipofuscinosis in canine by detecting a mutation in ceroid lipofuscinosis neuornal 5 (CLN5) gene	Melville; Scott Andrew	25-May-10	Australia
7,718,366	Methods and compositions relating to COL2A1 gene mutations and osteonecrosis	National Health Research Institutes	18-May-10	Taiwan

7,723,080	Murine .alpha. (1,3) fucosyltransferase Fuc-TVII, DNA encoding the same, method for preparing the same, antibodies recognizing the same, immunoassays for detecting the same, plasmids containing such DNA, and cells containing such a plasmid	Natsuka; Shunji	25-May-10	United States
7,723,068	Gene cluster involved in safracin biosynthesis and its uses for genetic engineering	PharmaMar, S.A.	25-May-10	Spain
7,723,052	Screening systems utilizing RTP801	Quark Pharmaceuticals, Inc.	25-May-10	United States
7,709,200	Association of PDE4D allelic variants with stroke	Roche Molecular Systems, Inc.	4-May-10	United States
7,723,093	Uracil-DNA glycosylase of Psychrobacter sp. HJ147 and use thereof	Sungkyunkwan University Foundation for Corporate Collaboration	25-May-10	Korea
7,709,194	Marker for prenatal diagnosis and monitoring	The Chinese University of Hong Kong	4-May-10	China P. Rep.
7,709,202	Molecular characteristics of non-small cell lung cancer	The Johns Hopkins University	4-May-10	United States
7,723,025	Method for evaluating quality of beef such as taste and texture on the basis of genotype of stearyl-CoA desaturase	The New Industry Research Organization	25-May-10	Japan
7,718,369	Recurrent gene fusions in prostate cancer	The Regents of the University of Michigan	18-May-10	United States
7,723,035	Compositions and methods for cancer diagnosis and therapy	Thomas Jefferson University	25-May-10	United States
7,723,030	Diagnosis and treatment of cancers with microRNA located in or near cancer associated chromosomal features	Thomas Jefferson University	25-May-10	United States
7,723,019	Organic cation transporter preferentially expressed in hematopoietic cells and leukemias and uses thereof	University of Kentucky Research Foundation	25-May-10	United States
7,718,372	Genetic polymorphisms in the prostate-specific antigen gene promoter	Wake Forest University Health Sciences	18-May-10	United States

DATA PROCESSING				
Pat No	Title	Assignee	Date Issued	Country
7,725,409	Gene expression programming based on Hidden Markov Models	Motorola, Inc.	25-May-10	United States
7,715,990	Probe correction for gene expression level detection	Syngenta Participations AG	11-May-10	Switzerland

7,711,492	Methods for diagnosing lymphoma types	The United States of America as represented by the Department of Health and Human Services	4-May-10	United States
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DRUG				
Pat No	Title	Assignee	Date Issued	Country
7,718,629	Compositions and methods for inhibiting expression of Eg5 gene	Alnylam Pharmaceuticals, Inc.	18-May-10	United States
7,713,522	Ex vivo and in vivo expression of the thrombomodulin gene for the treatment of cardiovascular and peripheral vascular diseases	BioVec, LLC	11-May-10	United States
7,709,456	Modulation of gene expression by oligomers targeted to chromosomal DNA	Board of Regents, The University of Texas System	4-May-10	United States
7,709,452	Pharmaceutical composition which improves in vivo gene transfer	Institut National de le Sante et de la Recherche Medicale	4-May-10	France
7,723,316	Composition and methods of RNAi therapeutics for treatment of cancer and other neovascularization diseases	Intradigm Corporation	25-May-10	United States
7,713,531	Protein, a gene encoding therefor and a method of using the same	Japan Tobacco, Inc.	11-May-10	Japan
7,722,882	Live attenuated vaccine against porcine pleuropneumonia	Laboratorios Hipra, S.A.	25-May-10	Spain
7,718,631	Treatment tool for cancer: RNA interference of BCAS2	National Taiwan University	18-May-10	Taiwan
7,718,165	Live genetically attenuated malaria vaccine	Seattle Biomedical Research Institute	18-May-10	United States
7,722,860	Live genetically engineered protozoan vaccine	Seattle Biomedical Research Institute	25-May-10	United States
7,709,007	Production of attenuated respiratory syncytial virus vaccines from cloned nucleotide sequences	The United States of America as represented by the Department of Health and Human Services	4-May-10	United States
7,718,626	ErbB3 binding protein compositions and methods of use	University of Maryland, Baltimore	18-May-10	United States
7,708,986	Targeted vectors for cancer immunotherapy	University of Southern California	4-May-10	United States

MULTICELLULAR LIVING ORGANISMS				
Pat No	Title	Assignee	Date Issued	Country
7,723,572	Plant amino acid biosynthetic genes	E. I. du Pont de Nemours and Company	25-May-10	United States
7,709,696	Transgenic mice generated by transposition and uses thereof	Erasmus University Medical Center	4-May-10	Netherlands

7,723,571	Method of expressing small peptides using cereal non-storage proteins as fusion carrier in endosperm and the use thereof	Healthgen Biotechnology Inc. in Wuhan	25-May-10	China P. Rep.
7,709,700	Method for improving plant transformation efficiency by adding copper ion	Japan Tobacco Inc.	4-May-10	Japan
7,718,846	Animal models of long QT syndrome and uses thereof	Koren; Gideon	18-May-10	United States
7,718,847	Method of gene introduction in in-vivo spermatogenic cell	Kyoto University	18-May-10	Japan
7,723,568	Engineered miRNA precursors for suppressing target gene expression in plants	Monsanto Technology LLC	25-May-10	United States
7,723,569	Method for producing ubiquinone-10 in plant	National Institute of Agrobiological Sciences	25-May-10	Japan
7,723,563	Transgenic proteins from multi-gene systems, methods, compositions, uses and the like relating thereto	Progenetics LLC	25-May-10	United States
7,714,191	Transformation of allium sp. with agrobacterium using embryogenic callus cultures	Reynolds; John	11-May-10	United States
7,718,845	Production of growth hormone in the milk of a transgenic bovine and methods of purification of the growth hormone from the milk	Sterrenbeld Biotechnologie North America, Inc.	18-May-10	United States
7,718,851	Expression of human milk proteins in transgenic plants	Ventria Bioscience	18-May-10	United States
7,723,565	Vernalization-related molecules and methods for inducibly-conferring epigenetic changes	Wisconsin Alumni Research Foundation	25-May-10	United States

NATURAL RESINS OR DERIVATIVES

Pat No	Title	Assignee	Date Issued	Country
7,718,780	Preparation of monoclonal antibody to N-myc downstream regulated gene 2 and determination of NDRG2 using protein chip	Korea Research Institute of Bioscience and Biotechnology	18-May-10	Korea
7,718,772	Canine thymic stromal lymphopoietin protein and uses thereof	Schering-Plough Animal Health Corporation	18-May-10	United States

ORGANIC COMPOUNDS

Pat No	Title	Assignee	Date Issued	Country
7,709,615	Polynucleotides encoding anti-ganglioside antibodies	Chugai Seiyaku Kabushiki Kaisha	4-May-10	Japan
7,709,629	siRNA targeting diacylglycerol O-acyltransferase homolog 2 (DGAT2)	Dharmacon, Inc.	4-May-10	United States

7,709,621	Vectors with modified protease-dependent tropism	DNAVEC Research Inc.	4-May-10	Japan
7,718,783	ELF3 gene compositions and methods	Kaplan; Mark H.	18-May-10	United States
7,718,787	Gene families associated with cancers	LG Life Sciences Limited	18-May-10	Korea
7,723,502	Modified <i>Luciola cruciata</i> luciferase gene and protein	Marker Gene Technologies, Inc	25-May-10	United States
7,709,624	Process for producing recombinant protein in bacterium belonging to the genus <i>Rhodococcus</i>	National Institute of Advanced Industrial Science and Technology	4-May-10	Japan
7,718,785	Mutations in the SLC40A1 gene associated to impaired iron homeostasis	Pietrangelo; Antonello	18-May-10	Italy
7,723,496	Preventives/remedies for cancer	Takeda Pharmaceutical Company Limited	25-May-10	Japan
7,723,497	Human IPLA.sub.2.epsilon.	Washington University in St. Louis	25-May-10	United States