

## FEBRUARY, 2006 Gene-Related Patents Issued

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,995,011</a>	<a href="#">Vector for reversible gene integration</a>	Asahi Kasei Kabushiki Kaisha	7-Feb-06	Japan
<a href="#">7,001,761</a>	<a href="#">DNA sequences comprising dystrophin minigenes and methods of use thereof</a>	Asklêpios Biopharmaceutical, Inc.	21-Feb-06	United States
<a href="#">7,001,757</a>	<a href="#">Protein</a>	AstraZeneca AB	21-Feb-06	Sweden
<a href="#">6,995,012</a>	<a href="#">Cloning and expression of recombinant adhesive protein MEFP-2 of the blue mussel, Mytilus edulis</a>	Battelle Energy Alliance, LLC	7-Feb-06	United States
<a href="#">6,994,961</a>	<a href="#">Gene expression in ectodermal dysplasia</a>	Board of Regent, The University of Texas System	7-Feb-06	United States
<a href="#">7,001,764</a>	<a href="#">Compositions comprising tissue specific adenoviral vectors</a>	Cell Genesys, Inc.	21-Feb-06	United States
<a href="#">6,998,235</a>	<a href="#">Method of determining susceptibility to bipolar</a>	Centre for Addiction and Mental Health	14-Feb-06	Canada
<a href="#">6,995,009</a>	<a href="#">Packaging cell</a>	Chugai Seiyaku Kabushiki Kaisha	7-Feb-06	Japan
<a href="#">7,001,728</a>	<a href="#">Protein having PDZ domain sequence</a>	Chugai Seiyaku Kabushiki Kaisha	21-Feb-06	Japan
<a href="#">7,005,256</a>	<a href="#">Gene chip technology for determining memory genes</a>	Cold Spring Harbor Laboratory	28-Feb-06	United States
<a href="#">6,998,261</a>	<a href="#">Functional gene array in yeast</a>	CompleGen, Inc.	14-Feb-06	United States
<a href="#">7,001,751</a>	<a href="#">PyrF gene and the utilization thereof</a>	Consortium für elektrochemische Industrie GmbH	21-Feb-06	Germany
<a href="#">7,005,275</a>	<a href="#">Inducible alphaviral gene expression system</a>	Cytos Biotechnology AG	28-Feb-06	Switzerland
<a href="#">6,998,268</a>	<a href="#">Gene preparations</a>	Dainippon Sumitomo Pharma Co. Ltd.	14-Feb-06	Japan
<a href="#">6,995,000</a>	<a href="#">Nucleotide sequences coding for the sigM gene</a>	Degussa	7-Feb-06	Germany
<a href="#">6,995,002</a>	<a href="#">Nucleotide sequences which code for the mdhA gene</a>	Degussa AG	7-Feb-06	Germany
<a href="#">7,005,276</a>	<a href="#">Nucleic acid molecules correlated with the Rhesus weak D phenotype</a>	DRK Blutspendedienst Baden-Württember GGmbH	28-Feb-06	Germany
<a href="#">6,998,263</a>	<a href="#">Methods of preparing and using a viral vector library</a>	GenVec, Inc.	14-Feb-06	United States
<a href="#">6,995,004</a>	<a href="#">UDP-N-ACETYLGLUCOSAMINE: GALACTOSE- 1,3-N-ACETYL GALACTOSAMINE- - R / N-ACETYLGLUCOSAMINE- - 1,3.-N-ACETYL GALACTOSAMINE- - R (GLCNAC TO GALNAC) 1,6-</a>	Glycozym ApS	7-Feb-06	Denmark
<a href="#">7,005,284</a>	<a href="#">Transaldolase gene</a>	Kyowa Hakko Kogyo Co., Ltd.	28-Feb-06	Japan

<a href="#">7.005.279</a>	<a href="#">Process for producing carbohydrates using 1,3-N-acetyl-glucosaminyltransferase</a>	<b>Kyowa Hakko Kogyo Co., Ltd.</b>	<b>28-Feb-06</b>	Japan
<a href="#">7.005.290</a>	<a href="#">Best's macular dystrophy gene</a>	<b>Merck &amp; Co., Inc.</b>	<b>28-Feb-06</b>	United States
<a href="#">6.995.008</a>	<a href="#">Coordinate in vivo gene expression</a>	<b>Merck &amp; Co., Inc.</b>	<b>7-Feb-06</b>	United States
<a href="#">7.001.742</a>	<a href="#">Human uncoupling protein 3</a>	<b>Merck &amp; Co., Inc.</b>	<b>21-Feb-06</b>	United States
<a href="#">7.001.753</a>	<a href="#">59079 and 12599, protein kinase family members and</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>21-Feb-06</b>	United States
<a href="#">6.998.262</a>	<a href="#">Polysaccharide extract of Dioscorea sp. and an orally active pharmaceutical composition comprising the</a>	<b>National Yang-Ming University</b>	<b>14-Feb-06</b>	Taiwan
<a href="#">6.994.999</a>	<a href="#">Isolated DNA molecule comprising the promoter sequence of a bovine myostatin gene</a>	<b>Ovita Limited</b>	<b>7-Feb-06</b>	New Zealand
<a href="#">6.994.982</a>	<a href="#">Isolating biological modulators from biodiverse gene fragment libraries</a>	<b>Phylogica Limited</b>	<b>7-Feb-06</b>	Australia
<a href="#">6.998.232</a>	<a href="#">Methods of diagnosing bladder cancer</a>	<b>Quark Biotech, Inc.</b>	<b>14-Feb-06</b>	United States
<a href="#">6.994.985</a>	<a href="#">Development of anti-sigma factor agents</a>	<b>Rockefeller University</b>	<b>7-Feb-06</b>	United States
<a href="#">7.001.760</a>	<a href="#">Hepatitis B virus vectors for gene therapy</a>	<b>Ryu; Wang-Schick</b>	<b>21-Feb-06</b>	Korea
<a href="#">6.998.255</a>	<a href="#">Human G-protein coupled receptor</a>	<b>Solvay Pharmaceuticals B.V.</b>	<b>14-Feb-06</b>	Netherlands
<a href="#">7.001.744</a>	<a href="#">Recombinant DNA, plasmid, transformed microorganism and vaccine protein for prevention and therapy of urinary tract infection</a>	<b>Sungkyunkwan University</b>	<b>21-Feb-06</b>	Korea
<a href="#">7.005.263</a>	<a href="#">Transcriptionally silenced plant genes</a>	<b>Syngenta Participations AG</b>	<b>28-Feb-06</b>	Switzerland
<a href="#">6.995.010</a>	<a href="#">Gene transfer method</a>	<b>Takara Bio Inc.</b>	<b>7-Feb-06</b>	Japan
<a href="#">6.995.006</a>	<a href="#">Methods for generating high titer helper-free preparations of released recombinant AAV vectors</a>	<b>Targeted Genetics Corporation</b>	<b>7-Feb-06</b>	United States
<a href="#">6.998.267</a>	<a href="#">Method for manufacturing glycoproteins having human-type glycosylation</a>	<b>The Dow Chemical Company</b>	<b>14-Feb-06</b>	United States
<a href="#">7.001.739</a>	<a href="#">Isolation of proteins involved in posttranscriptional gene silencing and methods of use</a>	<b>The Texas A&amp;M University System</b>	<b>21-Feb-06</b>	United States
<a href="#">7.001.759</a>	<a href="#">Compositions and methods for delivery of genetic material</a>	<b>The Trustees of the University of Pennsylvania</b>	<b>21-Feb-06</b>	United States
<a href="#">7.005.296</a>	<a href="#">PiggyBac transformation system</a>	<b>The United States of America as represented by the Secretary of Agriculture</b>	<b>28-Feb-06</b>	United States
<a href="#">7.001.720</a>	<a href="#">Cloning of a gene mutation for parkinson's disease</a>	<b>The United States of America as represented by the Secretary of the Department</b>	<b>21-Feb-06</b>	United States

<a href="#">7,005,299</a>	<a href="#">Expression of heterologous genes according to a targeted expression profile</a>	The University of Edinburgh	28-Feb-06	United Kingdom
<a href="#">6,994,959</a>	<a href="#">G-rich oligo aptamers and methods of modulating an immune response</a>	Valeant Research & Development	7-Feb-06	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7,001,985</a>	<a href="#">Human cyclin I and genes encoding same</a>	Sumitomo Electric Industries, Ltd.	21-Feb-06	Japan
<a href="#">6,998,467</a>	<a href="#">Antibody specific for presenilin 1 and method of use thereof</a>	The Hospital for Sick Children	14-Feb-06	Canada

#### DATA PROCESSING

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,996,475</a>	<a href="#">Computer software products for nucleic acid hybridization</a>	Affymatrix, Inc	7-Feb-06	United States
<a href="#">7,003,440</a>	<a href="#">Method, system, and program for use in displaying expression phenomenon in living matters</a>	Gojobori; Takashi	21-Feb-06	Japan
<a href="#">7,003,403</a>	<a href="#">Quantifying gene relatedness via nonlinear prediction of gene</a>	The United States of America as represented by the Department of Health and Human Services	21-Feb-06	United States
<a href="#">6,996,476</a>	<a href="#">Methods and systems for gene expression array analysis</a>	University of North Carolina at Charlotte	7-Feb-06	United States

#### DRUG

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,998,117</a>	<a href="#">Cancer treatment with retroviral vectors comprising wild-type p53</a>	Board of Regents, The University of Texas System	14-Feb-06	United States
<a href="#">7,005,126</a>	<a href="#">Method for tumor treatment using infusion of xenogeneic cells to induce hyperacute rejection and innocent</a>	Human Gene Therapy Research Institute	28-Feb-06	United States
<a href="#">7,005,424</a>	<a href="#">Nucleic acid encoding an E1A gene product sensitizes HER-2/neu overexpressing cancer cells to chemotherapy</a>	Board of Regents, The University of Texas System	28-Feb-06	United States
<a href="#">6,995,134</a>	<a href="#">Use of yneS, essential bacterial genes and polypeptides</a>	Millennium Pharmaceuticals, Inc.	7-Feb-06	United States
<a href="#">7,005,441</a>	<a href="#">Compositions that bind antiterminator RNA and assay for screening such compositions</a>	Ohio University	28-Feb-06	United States
<a href="#">6,994,855</a>	<a href="#">S. aureus fibrinogen binding protein gene</a>	The Provost Fellows and Scholars of the College of the Holy and Undivided Trinity	7-Feb-06	Ireland

<a href="#">7,001,600</a>	<a href="#">Identification of TRP-2 as a human tumor antigen recognized by cytotoxic T lymphocytes</a>	America as represented by the Secretary of Health and Human Services	<b>21-Feb-06</b>	United States
<a href="#">7,005,127</a>	<a href="#">Mixed-cell gene therapy</a>	TissueGene, Inc.	<b>28-Feb-06</b>	United States
<a href="#">7,005,129</a>	<a href="#">Non-toxic mutants of pathogenic gram-negative bacteria</a>	University of Iowa Research Foundation	<b>28-Feb-06</b>	United States

<b>MULTICELLULAR LIVING ORGANISMS</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">7,002,059</a>	<a href="#">Modification of plant fibers</a>	Advanced Technologies (Cambridge) Limited	<b>21-Feb-06</b>	United Kingdom
<a href="#">6,995,301</a>	<a href="#">Plant acyltransferases</a>	Cargill, Incorporated	<b>7-Feb-06</b>	United States
<a href="#">7,002,057</a>	<a href="#">Thioredoxin H homologs</a>	E. I. du Pont de Nemours and Company	<b>21-Feb-06</b>	United States
<a href="#">7,002,060</a>	<a href="#">Enzymes involved in petroselinic acid biosynthesis</a>	E.I. du Pont de Nemours and Company	<b>21-Feb-06</b>	United States
<a href="#">6,995,300</a>	<a href="#">Isolation of SU1, a starch debranching enzyme, the product of the maize gene</a>	Iowa State University Research Foundation, Inc.	<b>7-Feb-06</b>	United States
<a href="#">6,995,302</a>	<a href="#">Gene regulating plant branching, vector containing the gene, microorganism transformed by the vector, and method for regulating plant branching by using the</a>	Kumiai Chemical Industry Co., Ltd.	<b>7-Feb-06</b>	Japan
<a href="#">6,995,298</a>	<a href="#">Transgenic mammals expressing mutant GP IIIa</a>	Millennium Pharmaceuticals, Inc.	<b>7-Feb-06</b>	United States
<a href="#">7,002,058</a>	<a href="#">Soybean transformation method</a>	LLC	<b>21-Feb-06</b>	United States
<a href="#">7,005,562</a>	<a href="#">SAR and pathogen-inducible promoter</a>	Syngenta Participations AG	<b>28-Feb-06</b>	Switzerland
<a href="#">7,005,561</a>	<a href="#">Arabitol or ribitol as positive selectable markers</a>	Research Foundation, Inc.	<b>28-Feb-06</b>	United States
<a href="#">7,005,559</a>	<a href="#">Expression silencing system and different uses thereof</a>	Yissum Research Development Company of the Hebrew University of Jerusalem	<b>28-Feb-06</b>	Israel
<a href="#">6,995,250</a>	<a href="#">Thermophilic amino acid biosynthesis system enzyme gene of thermotolerant coryneform bacterium</a>	Ajinomoto Co., Inc.	<b>7-Feb-06</b>	Japan
<a href="#">7,005,510</a>	<a href="#">Recombinant DNase B derived from Streptococcus pyogenes</a>	Beckman Instruments, Inc.	<b>28-Feb-06</b>	United States
<a href="#">7,002,027</a>	<a href="#">Compositions and methods for therapeutic use</a>	Canji, Inc.	<b>21-Feb-06</b>	United States
<a href="#">6,995,285</a>	<a href="#">ABCA-1 elevating compounds</a>	CV Therapeutics, Inc.	<b>7-Feb-06</b>	United States
<a href="#">6,995,257</a>	<a href="#">Gene involved in CADASIL, method of diagnosis and therapeutic application</a>	Institut National de la Santa et de la Recherche (INSERM)	<b>7-Feb-06</b>	France
<a href="#">6,998,477</a>	<a href="#">Nucleic acid fragment, recombinant vector containing the same and method of promoting the expression of structural genes by using the same</a>	Japan Tobacco Inc.	<b>14-Feb-06</b>	Japan

<a href="#">7,001,999</a>	<a href="#">Tumor associated nucleic acids and uses therefor</a>	<b>Ludwig Institute for Cancer Research Council</b>	<b>21-Feb-06</b>	United States
<a href="#">6,998,472</a>	<a href="#">Obesity gene</a>	<b>Council</b>	<b>14-Feb-06</b>	United Kingdom
<a href="#">6,995,256</a>	<a href="#">Isolation and characterization of a fiber-specific actin promoter from cotton</a>	<b>Temasek Life Sciences Laboratory Limited</b>	<b>7-Feb-06</b>	Singapore
<a href="#">6,998,478</a>	<a href="#">Isolation and characterization of a fiber-specific <math>\alpha</math>-tubulin promoter from cotton</a>	<b>Temasek Life Sciences Laboratory Limited</b>	<b>14-Feb-06</b>	Singapore
<a href="#">6,998,456</a>	<a href="#">pH-sensitive methacrylic copolymers and the production thereof</a>	<b>Iowa State University Research Foundation</b>	<b>14-Feb-06</b>	United States