

# CITATION REPORT

List of articles citing

Exploration, normalization, and summaries of high density oligonucleotide array probe level data

DOI: 10.1093/biostatistics/4.2.249  
Biostatistics, 2003, 4, 249-64.

**Source:** <https://exaly.com/paper-pdf/35464815/citation-report.pdf>

**Version:** 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2240	An Introduction to High-Throughput Bioinformatics Data. 1-39		1
2239	The Root Growth-Regulating Brevicompanine Natural Products Modulate the Plant Circadian Clock.		
2238	Design of a Functionalized MetalOrganic Framework System for Enhanced Targeted Delivery to Mitochondria.		
2237	Identification of Blood Protein Biomarkers of Acute Liver Injury by Targeted Quantitative Proteomics in Acetaminophen- and Carbon-Tetrachloride-Treated Mouse Models and Acetaminophen Overdose Patients.		
2236	Effect of purified somatomedins on thymidine incorporation into lectin-activated human lymphocytes. <b>1983</b> , 102, 21-6		33
2235	Heroic Bureaucracies. <b>1991</b> , 23, 123-147		7
2234	Strategic decisions in the manufacturing function: dealing with their complexity using decision-analysis techniques. <b>2000</b> , 2, 683		
2233	Statistical issues in the design and analysis of gene expression microarray studies of animal models. <b>2003</b> , 8, 359-74		27
2232	Gene expression data: The technology and statistical analysis. <b>2003</b> , 8, 1-28		31
2231	A mixture model approach to detecting differentially expressed genes with microarray data. <b>2003</b> , 3, 117-24		82
2230	A design and statistical perspective on microarray gene expression studies in nutrition: the need for playful creativity and scientific hard-mindedness. <b>2003</b> , 19, 997-1000		33
2229	Modeling gene expression measurement error: a quasi-likelihood approach. <b>2003</b> , 4, 10		20
2228	Microarray probe expression measures, data normalization and statistical validation. <b>2003</b> , 4, 442-6		8
2227	Transformations, background estimation, and process effects in the statistical analysis of microarrays. <b>2003</b> , 44, 313-338		6
2226	The analysis of microarray data. <b>2003</b> , 4, 477-97		13
2225	Time- and exercise-dependent gene regulation in human skeletal muscle. <b>2003</b> , 4, R61		156
2224	Synchronization of cellular clocks in the suprachiasmatic nucleus. <b>2003</b> , 302, 1408-12		730

2223	Multiclass classification of microarray data with repeated measurements: application to cancer. <b>2003</b> , 4, R83	90
2222	Statistical methods for ranking differentially expressed genes. <b>2003</b> , 4, R41	68
2221	Statistical tests for differential expression in cDNA microarray experiments. <b>2003</b> , 4, 210	632
2220	Algorithm to model gene expression on Affymetrix chips without the use of MM cells. <b>2003</b> , 2, 163-70	6
2219	Assessing the variability in GeneChip data. <b>2003</b> , 3, 279-90	12
2218	Gene selection and ranking with microarray data. <b>2003</b> ,	3
2217	Spotted long oligonucleotide arrays for human gene expression analysis. <b>2003</b> , 13, 1775-85	130
2216	Testing for differentially expressed genes with microarray data. <b>2003</b> , 31, e52	50
2215	Summaries of Affymetrix GeneChip probe level data. <b>2003</b> , 31, e15	3901
2214	Global analysis of cellular transcription following infection with an HIV-based vector. <b>2003</b> , 8, 674-87	31
2213	DNA-Chip Analyzer (dChip). <b>2003</b> , 120-141	88
2212	Evaluation of sensitivity, performance and reproducibility of microarray technology in neuronal tissue. <b>2003</b> , 43, 780-5	6
2211	Differential expression, class discovery and class prediction using S-PLUS and S+ArrayAnalyzer. <b>2003</b> , 5, 38-47	2
2210	Deficiency of different nitric oxide synthase isoforms activates divergent transcriptional programs in cardiac hypertrophy. <b>2003</b> , 14, 25-34	28
2209	Machine learning in low-level microarray analysis. <b>2003</b> , 5, 130-139	9
2208	. <b>2004</b> ,	107
2207	. <b>2004</b> ,	46
2206	. <b>2004</b> ,	348

2205	Bibliography. <b>2004</b> , 251-258	
2204	Visualization of regional gene expression biases by microarray data sorting. <b>2004</b> , 36, 592-4, 596	9
2203	Cross-site comparison of gene expression data reveals high similarity. <b>2004</b> , 112, 449-55	41
2202	Comparison of mRNA gene expression by RT-PCR and DNA microarray. <b>2004</b> , 36, 618-20, 622, 624-6	122
2201	Interdependency of brassinosteroid and auxin signaling in Arabidopsis. <b>2004</b> , 2, E258	443
2200	Brain gene expression: genomics and genetics. <b>2004</b> , 60, 59-95	15
2199	Stochastic models inspired by hybridization theory for short oligonucleotide arrays. <b>2004</b> ,	18
2198	Similar gene expression patterns characterize aging and oxidative stress in <i>Drosophila melanogaster</i> . <b>2004</b> , 101, 7663-8	310
2197	Quantitative evolutionary genomics: differential gene expression and male reproductive success in <i>Drosophila melanogaster</i> . <b>2004</b> , 271, 2267-73	42
2196	Expression profiling of the developing and mature <i>Nrl</i> <sup>-/-</sup> mouse retina: identification of retinal disease candidates and transcriptional regulatory targets of <i>Nrl</i> . <b>2004</b> , 13, 1487-503	138
2195	An empirical bayes adjustment to increase the sensitivity of detecting differentially expressed genes in microarray experiments. <b>2004</b> , 20, 235-42	23
2194	Experimental design and low-level analysis of microarray data. <b>2004</b> , 60, 25-58	90
2193	The Baumgartner-Weiss-Schindler test for the detection of differentially expressed genes in replicated microarray experiments. <b>2004</b> , 20, 3553-64	24
2192	The molecular program induced in T cells undergoing homeostatic proliferation. <b>2004</b> , 101, 16885-90	135
2191	Interaction-dependent gene expression in <i>Mla</i> -specified response to barley powdery mildew. <b>2004</b> , 16, 2514-28	174
2190	Sensitivity and specificity of five abundance estimators for high-density oligonucleotide microarrays. <b>2004</b> , 20, 1060-5	12
2189	Gene selection for oligonucleotide array: an approach using PM probe level data. <b>2004</b> , 20, 854-62	8
2188	Oligonucleotide microarray analysis of gene expression in neuroblastoma displaying loss of chromosome 11q. <b>2004</b> , 25, 1599-609	54

2187	Mouse chromosome 17A3.3 contains 13 genes that encode functional tryptic-like serine proteases with distinct tissue and cell expression patterns. <b>2004</b> , 279, 2438-52	55
2186	NPR1 kinase and RSP5-BUL1/2 ubiquitin ligase control GLN3-dependent transcription in <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 279, 37512-7	41
2185	Reproducibility, sources of variability, pooling, and sample size: important considerations for the design of high-density oligonucleotide array experiments. <b>2004</b> , 59, 306-15	58
2184	Identifying superficial, muscle-invasive, and metastasizing transitional cell carcinoma of the bladder: use of cDNA array analysis of gene expression profiles. <b>2004</b> , 10, 3410-21	98
2183	Incongruent expression profiles between human and mouse orthologous genes suggest widespread neutral evolution of transcription control. <b>2004</b> , 8, 15-24	111
2182	The transcriptional repressor STRA13 regulates a subset of peripheral circadian outputs. <b>2004</b> , 279, 1141-50	71
2181	Shared transcriptional signature in <i>Caenorhabditis elegans</i> Dauer larvae and long-lived <i>daf-2</i> mutants implicates detoxification system in longevity assurance. <b>2004</b> , 279, 44533-43	306
2180	Expression profiling of mammalian male meiosis and gametogenesis identifies novel candidate genes for roles in the regulation of fertility. <b>2004</b> , 15, 1031-43	113
2179	Natural killer cells distinguish innocuous and destructive forms of pancreatic islet autoimmunity. <b>2004</b> , 101, 8102-7	134
2178	Quantitative trait loci associated with adventitious shoot formation in tissue culture and the program of shoot development in <i>Arabidopsis</i> . <b>2004</b> , 167, 1883-92	29
2177	Progression or resolution of coxsackievirus B4-induced pancreatitis: a genomic analysis. <b>2004</b> , 78, 8229-37	22
2176	Membrane-associated and secreted genes in breast cancer. <b>2004</b> , 64, 8682-7	17
2175	Some statistical and regulatory issues in the evaluation of genetic and genomic tests. <b>2004</b> , 14, 539-52	18
2174	Detecting differential gene expression with a semiparametric hierarchical mixture method. <i>Biostatistics</i> , <b>2004</b> , 5, 155-76	3-7 430
2173	A new resource for cereal genomics: 22K barley GeneChip comes of age. <b>2004</b> , 134, 960-8	266
2172	Faster cyclic loess: normalizing RNA arrays via linear models. <b>2004</b> , 20, 2778-86	147
2171	Microarray platforms: introduction and application to neurobiology. <b>2004</b> , 60, 1-23	1
2170	Transcriptome of uropathogenic <i>Escherichia coli</i> during urinary tract infection. <b>2004</b> , 72, 6373-81	302

2169	Detection of cardiac allograft rejection and response to immunosuppressive therapy with peripheral blood gene expression. <b>2004</b> , 110, 3815-21	134
2168	Interactively optimizing signal-to-noise ratios in expression profiling: project-specific algorithm selection and detection p-value weighting in Affymetrix microarrays. <b>2004</b> , 20, 2534-44	106
2167	Limited agreement among three global gene expression methods highlights the requirement for non-global validation. <b>2004</b> , 20, 3431-41	17
2166	Comparison of Li-Wong and loglinear mixed models for the statistical analysis of oligonucleotide arrays. <b>2004</b> , 20, 500-6	14
2165	Progression to islet destruction in a cyclophosphamide-induced transgenic model: a microarray overview. <b>2004</b> , 53, 2310-21	40
2164	Expression profiling in laser-microdissected hippocampal subregions in rat brain reveals large subregion-specific differences in expression. <b>2004</b> , 20, 2541-54	60
2163	Identification of novel heat shock factor-dependent genes and biochemical pathways in <i>Arabidopsis thaliana</i> . <b>2005</b> , 41, 1-14	274
2162	Gene expression profiling and its application in studies of haematological malignancy. <b>2004</b> , 124, 577-94	12
2161	Molecular correlates of emotional learning using genetically selected rat lines. <b>2005</b> , 4, 99-109	14
2160	Preprocessing of oligonucleotide array data. <b>2004</b> , 22, 656-8; author reply 658	315
2159	Prediction of immunophenotype, treatment response, and relapse in childhood acute lymphoblastic leukemia using DNA microarrays. <b>2004</b> , 18, 1270-7	43
2158	Mitochondrial dysfunction in schizophrenia: evidence for compromised brain metabolism and oxidative stress. <b>2004</b> , 9, 684-97, 643	703
2157	Characterization of QTL with major effects on fatness and growth on mouse chromosome 2. <b>2004</b> , 12, 1408-20	19
2156	DNA microarrays: experimental issues, data analysis, and application to bacterial systems. <b>2004</b> , 20, 1309-24	84
2155	Differentiation of DNA reactive and non-reactive genotoxic mechanisms using gene expression profile analysis. <b>2004</b> , 549, 29-41	57
2154	Improving the scaling normalization for high-density oligonucleotide GeneChip expression microarrays. <b>2004</b> , 5, 103	10
2153	Identification and utilization of inter-species conserved (ISC) probesets on Affymetrix human GeneChip platforms for the optimization of the assessment of expression patterns in non human primate (NHP) samples. <b>2004</b> , 5, 165	40
2152	Noise filtering and nonparametric analysis of microarray data underscores discriminating markers of oral, prostate, lung, ovarian and breast cancer. <b>2004</b> , 5, 185	21

2151	A power law global error model for the identification of differentially expressed genes in microarray data. <b>2004</b> , 5, 203	82
2150	Performance evaluation of commercial short-oligonucleotide microarrays and the impact of noise in making cross-platform correlations. <b>2004</b> , 5, 61	109
2149	Prognostic meta-signature of breast cancer developed by two-stage mixture modeling of microarray data. <b>2004</b> , 5, 94	87
2148	A primer on gene expression and microarrays for machine learning researchers. <b>2004</b> , 37, 293-303	24
2147	A Model-Based Background Adjustment for Oligonucleotide Expression Arrays. <b>2004</b> , 99, 909-917	1240
2146	Functional genomics strategies to identify susceptibility genes and treatment targets in alcohol dependence. <b>2004</b> , 6, 363-72	6
2145	Unbiased characterization of high-density oligonucleotide microarrays using probe-level statistics. <b>2004</b> , 135, 27-33	6
2144	Microarray analysis of postmortem temporal cortex from patients with schizophrenia. <b>2004</b> , 77, 858-66	259
2143	A case study on choosing normalization methods and test statistics for two-channel microarray data. <b>2004</b> , 5, 432-44	13
2142	On a resampling approach for tests on the number of clusters with mixture model-based clustering of tissue samples. <b>2004</b> , 90, 90-105	31
2141	Evaluation of a linear amplification method for small samples used on high-density oligonucleotide microarray analysis. <b>2004</b> , 331, 314-21	28
2140	A generalized additive model for microarray gene expression data analysis. <b>2004</b> , 14, 553-73	6
2139	A graphical approach for quality control of oligonucleotide array data. <b>2004</b> , 14, 591-606	10
2138	A genome-wide analysis of courting and mating responses in <i>Drosophila melanogaster</i> females. <b>2004</b> , 47, 900-10	153
2137	Comparison of different microarray data analysis programs and description of a database for microarray data management. <b>2004</b> , 23, 643-51	5
2136	Effect of normalization on significance testing for oligonucleotide microarrays. <b>2004</b> , 14, 575-89	64
2135	Gene expression analysis suggests that 1,25-dihydroxyvitamin D3 reverses experimental autoimmune encephalomyelitis by stimulating inflammatory cell apoptosis. <b>2004</b> , 18, 141-51	83
2134	DNA ADDUCTS OF BENZO[A]PYRENE- AND DIBENZO[A,L]PYRENE-DIOL EPOXIDES IN HUMAN LUNG EPITHELIAL CELLS: KINETICS OF ADDUCT REMOVAL, EFFECTS ON CELL CYCLE CHECKPOINTS, AND GENE EXPRESSION. <b>2004</b> , 24, 549-566	9

2133	Gene expression in the urinary bladder: a common carcinoma in situ gene expression signature exists disregarding histopathological classification. <b>2004</b> , 64, 4040-8	351
2132	affy--analysis of Affymetrix GeneChip data at the probe level. <b>2004</b> , 20, 307-15	3733
2131	A benchmark for Affymetrix GeneChip expression measures. <b>2004</b> , 20, 323-31	240
2130	Functional genomics and target gene validation in experimental and human disease. <b>2004</b> , 1, 105-11	
2129	Gene expression profiling of epithelial ovarian tumours correlated with malignant potential. <b>2004</b> , 3, 27	38
2128	Defining the CREB regulon: a genome-wide analysis of transcription factor regulatory regions. <b>2004</b> , 119, 1041-54	415
2127	Statistical analysis of oligonucleotide microarray data. <b>2004</b> , 327, 175-80	4
2126	Genomewide analysis of gene expression associated with Tcof1 in mouse neuroblastoma. <b>2004</b> , 325, 124-32	11
2125	Evidence of systematic expressed sequence tag IMAGE clone cross-hybridization on cDNA microarrays. <b>2004</b> , 83, 1169-75	15
2124	Are data from different gene expression microarray platforms comparable?. <b>2004</b> , 83, 1164-8	162
2123	SUM: a new way to incorporate mismatch probe measurements. <b>2004</b> , 84, 767-77	6
2122	The search for the neurobiological basis of vulnerability to drug abuse: using microarrays to investigate the role of stress and individual differences. <b>2004</b> , 47 Suppl 1, 111-22	48
2121	Gene expression profiling shows that macrophages derived from mouse embryonic stem cells is an improved in vitro model for studies of vascular disease. <b>2004</b> , 300, 335-44	12
2120	Multicriteria Gene Screening for Analysis of Differential Expression with DNA Microarrays. <b>2004</b> , 2004, 1	11
2119	ResurfP: a response surface aided parametric test for identifying differentials in GeneChip based oligonucleotide array experiments. <b>2004</b> , 5, P14	
2118	Further statistical analysis for genome-wide expression evolution in primate brain/liver/fibroblast tissues. <b>2004</b> , 1, 247-54	6
2117	Altered expression of CLC, DSG3, EMP3, S100A2, and SLPI in corneal epithelium from keratoconus patients. <b>2005</b> , 24, 661-8	31
2116	How noisy and replicable are DNA microarry data?. <b>2005</b> , 1, 31-50	1



2115	Differential expression with the Bioconductor Project. <b>2005</b> ,	14
2114	A Combinatorial Approach to the Analysis of Differential Gene Expression Data. <b>2005</b> , 223-238	8
2113	Evidence for reduced B-cell progenitors in early (low-risk) myelodysplastic syndrome. <b>2005</b> , 106, 2982-91	107
2112	Algorithms for gene expression analysis. <b>2005</b> ,	6
2111	Gene expression levels in small specimens from patients detected using oligonucleotide arrays. <b>2005</b> , 29, 31-8	14
2110	Issues for consideration in the analysis of microarray data in behavioural studies. <b>2005</b> , 10, 15-21	3
2109	DNA microarrays and expression profiling in drug abuse research. <b>2005</b> , 10, 1-3	5
2108	Gene expression in animals with different acute responses to ethanol. <b>2005</b> , 10, 63-9	14
2107	The search for candidate genes of alcoholism: evidence from expression profiling studies. <b>2005</b> , 10, 71-9	28
2106	Deafness-related plasticity in the inferior colliculus: gene expression profiling following removal of peripheral activity. <b>2005</b> , 93, 1069-86	66
2105	Sleep and wakefulness modulate gene expression in Drosophila. <b>2005</b> , 94, 1411-9	130
2104	Absence of a specific radiation signature in post-Chernobyl thyroid cancers. <b>2005</b> , 92, 1545-52	50
2103	Integrated transcriptional profiling and linkage analysis for identification of genes underlying disease. <b>2005</b> , 37, 243-53	432
2102	Multiple-laboratory comparison of microarray platforms. <b>2005</b> , 2, 345-50	716
2101	Central role of Ifh1p-Fhl1p interaction in the synthesis of yeast ribosomal proteins. <b>2005</b> , 24, 533-42	139
2100	Purity for clarity: the need for purification of tumor cells in DNA microarray studies. <b>2005</b> , 19, 618-27	29
2099	Stat3 regulates genes common to both wound healing and cancer. <b>2005</b> , 24, 3397-408	316
2098	Gene expression-based classification of nonseminomatous male germ cell tumors. <b>2005</b> , 24, 5101-7	48

2097	Complex genetics of interactions of alcohol and CNS function and behavior. <b>2005</b> , 29, 1706-19	17
2096	Microarray analysis of gene expression in cultured skin substitutes compared with native human skin. <b>2005</b> , 125, 1286-301	47
2095	A comparison of match-only algorithms for the analysis of Plasmodium falciparum oligonucleotide arrays. <b>2005</b> , 35, 523-31	2
2094	Gene expression microarray studies in polygenic psychiatric disorders: applications and data analysis. <b>2005</b> , 50, 142-55	48
2093	Defective CD3gamma gene transcription is associated with NFATc2 overexpression in the lymphocytic variant of hypereosinophilic syndrome. <b>2005</b> , 33, 1147-59	14
2092	Oligonucleotide-microarray analysis of peripheral-blood lymphocytes in severe asthma. <b>2005</b> , 145, 263-74	35
2091	Analysis of gene expression profile in yeast aging chronologically. <b>2005</b> , 126, 11-6	18
2090	Microarray-based comparative genomic analyses of the human malaria parasite Plasmodium falciparum using Affymetrix arrays. <b>2005</b> , 144, 177-86	45
2089	Differentiating mechanisms of toxicity using global gene expression analysis in Saccharomyces cerevisiae. <b>2005</b> , 575, 34-46	41
2088	Considerations when using the significance analysis of microarrays (SAM) algorithm. <b>2005</b> , 6, 129	93
2087	Sample phenotype clusters in high-density oligonucleotide microarray data sets are revealed using Isomap, a nonlinear algorithm. <b>2005</b> , 6, 195	34
2086	Sources of variation in Affymetrix microarray experiments. <b>2005</b> , 6, 214	93
2085	EXPANDER--an integrative program suite for microarray data analysis. <b>2005</b> , 6, 232	242
2084	Comparison of seven methods for producing Affymetrix expression scores based on False Discovery Rates in disease profiling data. <b>2005</b> , 6, 26	97
2083	WebArray: an online platform for microarray data analysis. <b>2005</b> , 6, 306	59
2082	Construction and validation of the APOCHIP, a spotted oligo-microarray for the study of beta-cell apoptosis. <b>2005</b> , 6, 311	12
2081	"Harshlighting" small blemishes on microarrays. <b>2005</b> , 6, 65	16
2080	Correlation test to assess low-level processing of high-density oligonucleotide microarray data. <b>2005</b> , 6, 80	41

2079	A quantization method based on threshold optimization for microarray short time series. <b>2005</b> , 6 Suppl 4, S11	24
2078	A gene expression fingerprint of <i>C. elegans</i> embryonic motor neurons. <b>2005</b> , 6, 42	95
2077	Gene expression levels assessed by oligonucleotide microarray analysis and quantitative real-time RT-PCR – how well do they correlate?. <b>2005</b> , 6, 59	253
2076	A study of inter-lab and inter-platform agreement of DNA microarray data. <b>2005</b> , 6, 71	46
2075	Novel amplicons on the short arm of chromosome 7 identified using high resolution array CGH contain over expressed genes in addition to EGFR in glioblastoma multiforme. <b>2005</b> , 44, 392-404	37
2074	Temporal correlation of pathology and DNA damage with gene expression in a choline-deficient model of rat liver injury. <b>2005</b> , 42, 1137-47	25
2073	Microarray versus conventional prediction of lymph node metastasis in colorectal carcinoma. <b>2005</b> , 104, 395-404	42
2072	Gene expression differences over a critical period of afferent-dependent neuron survival in the mouse auditory brainstem. <b>2005</b> , 493, 460-74	32
2071	References. <b>2005</b> , 152-182	
2070	Estrogen receptor alpha increases basal and cigarette smoke extract-induced expression of CYP1A1 and CYP1B1, but not GSTP1, in normal human bronchial epithelial cells. <b>2005</b> , 44, 202-11	48
2069	Gene expression profiling of nonneoplastic mucosa may predict clinical outcome of colon cancer patients. <b>2005</b> , 48, 2238-48	25
2068	Functional profiling of human atrial and ventricular gene expression. <b>2005</b> , 450, 201-8	67
2067	Gene expression changes induced by bismuth in a macrophage cell line. <b>2005</b> , 321, 195-210	12
2066	The role of high-throughput transcriptome analysis in metabolic engineering. <b>2005</b> , 10, 385-399	13
2065	Comparison of cryopreservation and standard needle biopsy for gene expression profiling of human breast cancer specimens. <b>2005</b> , 90, 93-6	9
2064	Genome-wide expression profiling and identification of gene activities during early flower development in <i>Arabidopsis</i> . <b>2005</b> , 58, 401-19	63
2063	Evaluation of an Affymetrix High-density Oligonucleotide Microarray Platform as a Measurement System. <b>2005</b> , 21, 491-508	1
2062	Prenatal viral infection in mouse causes differential expression of genes in brains of mouse progeny: a potential animal model for schizophrenia and autism. <b>2005</b> , 57, 91-9	128

2061	Significance testing for small microarray experiments. <b>2005</b> , 24, 2281-98	51
2060	Finding groups in gene expression data. <b>2005</b> , 2005, 215-25	22
2059	Gene expression profiling of a clonal isolate of oxaliplatin-resistant ovarian carcinoma cell line A2780/C10. <b>2005</b> , 14, 925	8
2058	References. <b>2005</b> , 267-296	
2057	Normalization for Affymetrix GeneChips. <b>2005</b> , 44, 414-417	10
2056	References. <b>2005</b> , 145-164	
2055	Low-level analysis of oligonucleotide expression arrays. <b>2005</b> ,	
2054	Large error models for microarray intensities. <b>2005</b> ,	1
2053	Learning Regulatory Network Models that Represent Regulator States and Roles. <b>2005</b> , 52-64	1
2052	Microarray Data Analysis Using Neural Network Classifiers and Gene Selection Methods. <b>2005</b> , 207-222	4
2051	Beta-catenin regulates differentiation of respiratory epithelial cells in vivo. <b>2005</b> , 289, L971-9	134
2050	Reprogramming of the human atrial transcriptome in permanent atrial fibrillation: expression of a ventricular-like genomic signature. <b>2005</b> , 96, 1022-9	152
2049	There is no silver bullet--a guide to low-level data transforms and normalisation methods for microarray data. <b>2005</b> , 6, 86-97	35
2048	Substantial changes in gene expression of Wnt, MAPK and TNFalpha pathways induced by TGF-beta1 in cervical cancer cell lines. <b>2005</b> , 26, 1493-502	39
2047	VAMPIRE microarray suite: a web-based platform for the interpretation of gene expression data. <b>2005</b> , 33, W627-32	84
2046	Freshly isolated rat alveolar type I cells, type II cells, and cultured type II cells have distinct molecular phenotypes. <b>2005</b> , 288, L179-89	78
2045	Antibodies against human cytomegalovirus in the pathogenesis of systemic sclerosis: a gene array approach. <b>2006</b> , 3, e2	75
2044	Albumin activates ERK via EGF receptor in human renal epithelial cells. <b>2005</b> , 16, 1266-78	69

2043	Noise and rank-dependent geometrical filter improves sensitivity of highly specific discovery by microarrays. <b>2005</b> , 21, 4255-62	4
2042	The zinc-finger protein Zat12 plays a central role in reactive oxygen and abiotic stress signaling in Arabidopsis. <b>2005</b> , 139, 847-56	495
2041	Molecular characterisation of non-absorptive and absorptive enterocytes in human small intestine. <b>2006</b> , 55, 1084-9	31
2040	Microarray analyses of gene expression during chondrocyte differentiation identifies novel regulators of hypertrophy. <b>2005</b> , 16, 5316-33	111
2039	Transcriptional changes underlying the secretory activation phase of mammary gland development. <b>2005</b> , 19, 1868-83	74
2038	Human muscle gene expression responses to endurance training provide a novel perspective on Duchenne muscular dystrophy. <b>2005</b> , 19, 750-60	121
2037	Environmental variability in the early rearing environment generates behaviourally flexible cod: implications for rehabilitating wild populations. <b>2005</b> , 272, 1107-13	139
2036	Sample size determination in microarray experiments for class comparison and prognostic classification. <i>Biostatistics</i> , <b>2005</b> , 6, 27-38	3.7 128
2035	Identification of endogenous glucocorticoid repressed genes differentially regulated by a glucocorticoid receptor mutant able to separate between nuclear factor-kappaB and activator protein-1 repression. <b>2005</b> , 67, 815-26	41
2034	Pollen development and fertilization in Arabidopsis is dependent on the MALE GAMETOGENESIS IMPAIRED ANTHERS gene encoding a type V P-type ATPase. <b>2005</b> , 19, 2757-69	77
2033	Integrating global proteomic and genomic expression profiles generated from islet alpha cells: opportunities and challenges to deriving reliable biological inferences. <b>2005</b> , 4, 458-74	22
2032	Ig gene rearrangement steps are initiated in early human precursor B cell subsets and correlate with specific transcription factor expression. <b>2005</b> , 175, 5912-22	137
2031	A novel pathophysiological mechanism for osteoporosis suggested by an in vivo gene expression study of circulating monocytes. <b>2005</b> , 280, 29011-6	98
2030	Altered gene expression profiles reveal similarities and differences between Parkinson disease and model systems. <b>2005</b> , 11, 539-49	32
2029	A tractable probabilistic model for Affymetrix probe-level analysis across multiple chips. <b>2005</b> , 21, 3637-44	59
2028	Identification of GATA3 as a breast cancer prognostic marker by global gene expression meta-analysis. <b>2005</b> , 65, 11259-64	221
2027	RNA profiling in circadian biology. <b>2005</b> , 393, 366-76	21
2026	The discovery and mechanism of action of novel tumor-selective and apoptosis-inducing 3,5-diaryl-1,2,4-oxadiazole series using a chemical genetics approach. <b>2005</b> , 4, 761-71	58

2025	Molecular classification of multiple myeloma: a distinct transcriptional profile characterizes patients expressing CCND1 and negative for 14q32 translocations. <b>2005</b> , 23, 7296-306		110
2024	Comparison of non-human primate and human whole blood tissue gene expression profiles. <b>2005</b> , 87, 306-14		21
2023	Assessing quality of hybridized RNA in Affymetrix GeneChip experiments using mixed-effects models. <i>Biostatistics</i> , <b>2006</b> , 7, 198-212	3.7	28
2022	New insights on human T cell development by quantitative T cell receptor gene rearrangement studies and gene expression profiling. <b>2005</b> , 201, 1715-23		258
2021	Analysis of ARD1 function in hypoxia response using retroviral RNA interference. <b>2005</b> , 280, 17749-57		76
2020	Differential effects of Gq alpha, G14 alpha, and G15 alpha on vascular smooth muscle cell survival and gene expression profiles. <b>2005</b> , 67, 2102-14		11
2019	Making sense of DNA microarray data. <b>2005</b> , 113, 293-304		1
2018	BGX: a fully Bayesian integrated approach to the analysis of Affymetrix GeneChip data. <i>Biostatistics</i> , <b>2005</b> , 6, 349-73	3.7	40
2017	Low-pass frequency-domain filtering of oligonucleotide microarray data images.		
2016	Removing intensity effects and identifying significant genes for Affymetrix arrays in macrophage migration inhibitory factor-suppressed neuroblastoma cells. <b>2005</b> , 102, 17751-6		29
2015	An expression index for Affymetrix GeneChips based on the generalized logarithm. <b>2005</b> , 21, 3983-9		31
2014	Identification of target genes involved in the antiproliferative effect of glucocorticoids reveals a role for nuclear factor-(kappa)B repression. <b>2005</b> , 19, 632-43		35
2013	Identification of genes required for cellulose synthesis by regression analysis of public microarray data sets. <b>2005</b> , 102, 8633-8		479
2012	Rejoinder. <b>2005</b> , 100, 808-813		1
2011	New perspectives in flooding research: the use of shade avoidance and <i>Arabidopsis thaliana</i> . <b>2005</b> , 96, 533-40		44
2010	Comprehensive profiling of 8p11-12 amplification in breast cancer. <b>2005</b> , 3, 655-67		178
2009	Basic Data Analysis. <b>2005</b> , 33-53		
2008	Enhanced tolerance to environmental stress in transgenic plants expressing the transcriptional coactivator multiprotein bridging factor 1c. <b>2005</b> , 139, 1313-22		211

2007	Genome-wide midrange transcription profiles reveal expression level relationships in human tissue specification. <b>2005</b> , 21, 650-9	634
2006	Genome-wide analysis on inbreeding effects on gene expression in <i>Drosophila melanogaster</i> . <b>2005</b> , 171, 157-67	80
2005	Presenilin-1-dependent transcriptome changes. <b>2005</b> , 25, 1571-8	38
2004	Compensatory roles of <i>Foxa1</i> and <i>Foxa2</i> during lung morphogenesis. <b>2005</b> , 280, 13809-16	203
2003	Altered expression of mitochondria-related genes in postmortem brains of patients with bipolar disorder or schizophrenia, as revealed by large-scale DNA microarray analysis. <b>2005</b> , 14, 241-53	377
2002	Cytosolic ascorbate peroxidase 1 is a central component of the reactive oxygen gene network of <i>Arabidopsis</i> . <b>2005</b> , 17, 268-81	724
2001	Oligonucleotide arrays: information from replication and spatial structure. <b>2005</b> , 21, 4162-8	12
2000	Stochastic models inspired by hybridization theory for short oligonucleotide arrays. <b>2005</b> , 12, 882-93	220
1999	Identifying differentially expressed genes from probe level intensities in longitudinal affymetrix microarray experiments. <b>2005</b> ,	
1998	Patterns of gene expression that characterize long-term survival in advanced stage serous ovarian cancers. <b>2005</b> , 11, 3686-96	218
1997	Letrozole-, anastrozole-, and tamoxifen-responsive genes in MCF-7aro cells: a microarray approach. <b>2005</b> , 3, 203-18	68
1996	Global gene expression profiling reveals widespread yet distinctive translational responses to different eukaryotic translation initiation factor 2B-targeting stress pathways. <b>2005</b> , 25, 9340-9	84
1995	The homeodomain protein PAL-1 specifies a lineage-specific regulatory network in the <i>C. elegans</i> embryo. <b>2005</b> , 132, 1843-54	90
1994	DNA Microarray-Based Gene Expression Profiling in Cancer: Aiding Cancer Diagnosis, Assessing Prognosis and Predicting Response to Therapy. <b>2005</b> , 3, 289-304	8
1993	Discovering the Genetics of Complex Disorders Through Integration of Genomic Mapping and Transcriptional Profiling. <b>2005</b> , 1, 21-34	5
1992	Myc stimulates nuclearly encoded mitochondrial genes and mitochondrial biogenesis. <b>2005</b> , 25, 6225-34	426
1991	On the utility of pooling biological samples in microarray experiments. <b>2005</b> , 102, 4252-7	398
1990	Lipid infusion decreases the expression of nuclear encoded mitochondrial genes and increases the expression of extracellular matrix genes in human skeletal muscle. <b>2005</b> , 280, 10290-7	191

1989	GenXHC: a probabilistic generative model for cross-hybridization compensation in high-density genome-wide microarray data. <b>2005</b> , 21 Suppl 1, i222-31	14
1988	Genome-wide expression profiling in malaria infection reveals transcriptional changes associated with lethal and nonlethal outcomes. <b>2005</b> , 73, 6091-100	28
1987	A three-component regulatory system regulates biofilm maturation and type III secretion in <i>Pseudomonas aeruginosa</i> . <b>2005</b> , 187, 1441-54	154
1986	Benchmarking the CATMA microarray. A novel tool for Arabidopsis transcriptome analysis. <b>2005</b> , 137, 588-601	84
1985	Early diagnostic marker panel determination for microarray based clinical studies. <b>2005</b> , 4, Article9	5
1984	Low-dose irradiation alters the transcript profiles of human lymphoblastoid cells including genes associated with cytogenetic radioadaptive response. <b>2005</b> , 164, 369-82	115
1983	Sub-array normalization subject to differentiation. <b>2005</b> , 33, 5565-73	12
1982	Sequence dependence of cross-hybridization on short oligo microarrays. <b>2005</b> , 33, e84	52
1981	Increased power of microarray analysis by use of an algorithm based on a multivariate procedure. <b>2005</b> , 21, 3530-4	3
1980	Integrating probe-level expression changes across generations of Affymetrix arrays. <b>2005</b> , 33, e193	44
1979	Gene expression profiling in response to the histone deacetylase inhibitor BL1521 in neuroblastoma. <b>2005</b> , 309, 451-67	35
1978	A class of models for analyzing GeneChip gene expression analysis array data. <b>2005</b> , 6, 16	9
1977	Comparison of label-free methods for quantifying human proteins by shotgun proteomics. <b>2005</b> , 4, 1487-502	986
1976	Integration of clinical information and gene expression profiles for prediction of chemo-response for ovarian cancer. <b>2005</b> , 2005, 4818-21	3
1975	Parallel adaptive evolution cultures of <i>Escherichia coli</i> lead to convergent growth phenotypes with different gene expression states. <b>2005</b> , 15, 1365-72	202
1974	Improved understanding of gene expression regulation using systems biology. <b>2005</b> , 2, 915-24	5
1973	Effects of subchronic exposures to concentrated ambient particles (CAPs) in mice. I. Introduction, objectives, and experimental plan. <b>2005</b> , 17, 177-87	26
1972	Evolving gene/transcript definitions significantly alter the interpretation of GeneChip data. <b>2005</b> , 33, e175	1401



1971	A learned comparative expression measure for affymetrix genechip DNA microarrays. <b>2005</b> , 144-54	2
1970	Comparison of linear weighting schemes for perfect match and mismatch gene expression levels from microarray data. <b>2005</b> , 5, 197-205	3
1969	Comment. <b>2005</b> , 100, 796-798	
1968	Gene expression profiling in a model of D-penicillamine-induced autoimmunity in the Brown Norway rat: predictive value of early signs of danger. <b>2005</b> , 18, 1193-202	13
1967	Base pair interactions and hybridization isotherms of matched and mismatched oligonucleotide probes on microarrays. <b>2005</b> , 21, 9287-302	37
1966	A history of microarrays in biomedicine. <b>2005</b> , 5, 315-28	26
1965	DBC2 significantly influences cell-cycle, apoptosis, cytoskeleton and membrane-trafficking pathways. <b>2005</b> , 346, 83-9	70
1964	Gene array profiling of large hypothalamic CNS regions in lactating and randomly cycling virgin mice. <b>2005</b> , 139, 201-11	23
1963	Mice with Ppt1Deltaex4 mutation replicate the INCL phenotype and show an inflammation-associated loss of interneurons. <b>2005</b> , 18, 226-41	64
1962	Parallel changes in gene expression in aged human and mouse cortex. <b>2005</b> , 390, 4-8	6
1961	Gene expression in giant cell myocarditis: Altered expression of immune response genes. <b>2005</b> , 102, 333-40	41
1960	Gene expression profiling in INS-1 cells overexpressing thioredoxin-interacting protein. <b>2005</b> , 336, 770-8	45
1959	Cell-to-cell contact is critical for the survival of hematopoietic progenitor cells on osteoblasts. <b>2005</b> , 32, 155-62	63
1958	Gene profiling of laser-microdissected brain regions and sub-regions. <b>2005</b> , 15, 66-74	15
1957	Microarray analysis of gene expression following the formalin test in the infant rat. <b>2005</b> , 117, 6-18	9
1956	Applications of DNA tiling arrays for whole-genome analysis. <b>2005</b> , 85, 1-15	325
1955	Gene discovery in neuropharmacological and behavioral studies using Affymetrix microarray data. <b>2005</b> , 37, 219-28	21
1954	A microarray data analysis framework for postmortem tissues. <b>2005</b> , 37, 247-60	10

1953	Temporal evolution of mouse striatal gene expression following MPTP injury. <b>2005</b> , 26, 765-75	16
1952	Genome-wide transcriptional changes associated with enhanced activity in the Drosophila nervous system. <b>2005</b> , 48, 91-107	71
1951	Transcription factor gene expression profiling after acute intermittent nicotine treatment in the rat cerebral cortex. <b>2005</b> , 133, 787-96	32
1950	Using genomic DNA-based probe-selection to improve the sensitivity of high-density oligonucleotide arrays when applied to heterologous species. <b>2005</b> , 1, 10	71
1949	Allele-specific amplification in cancer revealed by SNP array analysis. <b>2005</b> , 1, e65	92
1948	Gene expression profiling of zebrafish embryonic retina. <b>2005</b> , 2, 269-83	27
1947	Mitochondrial DNA 3243A>G mutation and increased expression of LARS2 gene in the brains of patients with bipolar disorder and schizophrenia. <b>2005</b> , 57, 525-32	108
1946	Antipsychotic drugs elevate mRNA levels of presynaptic proteins in the frontal cortex of the rat. <b>2005</b> , 57, 1041-51	66
1945	Variations in differential gene expression patterns across multiple brain regions in schizophrenia. <b>2005</b> , 77, 241-52	112
1944	Transcriptome Differences Between the Frontal Cortex and Hippocampus of Wild-Type and Humanized Presenilin-1 Transgenic Mice. <b>2005</b> , 13, 1041-1051	11
1943	Replication, variation and normalisation in microarray experiments. <b>2005</b> , 4, 33-44	36
1942	Multiple Myeloma. <b>2005</b> ,	1
1941	Genome-wide gene expression in response to parasitoid attack in Drosophila. <b>2005</b> , 6, R94	126
1940	A molecular map of mesenchymal tumors. <b>2005</b> , 6, R76	104
1939	Dissection of a DNA-damage-induced transcriptional network using a combination of microarrays, RNA interference and computational promoter analysis. <b>2005</b> , 6, R43	62
1938	Weighting by heritability for detection of quantitative trait loci with microarray estimates of gene expression. <b>2005</b> , 6, R27	10
1937	Preferred analysis methods for Affymetrix GeneChips revealed by a wholly defined control dataset. <b>2005</b> , 6, R16	293
1936	Genomic analysis of early murine mammary gland development using novel probe-level algorithms. <b>2005</b> , 6, R20	17

1935	Establishment of the epithelial-specific transcriptome of normal and malignant human breast cells based on MPSS and array expression data. <b>2006</b> , 8, R56	103
1934	Gene expression signatures of morphologically normal breast tissue identify basal-like tumors. <b>2006</b> , 8, R58	107
1933	Inferring steady state single-cell gene expression distributions from analysis of mesoscopic samples. <b>2006</b> , 7, R119	11
1932	Metabolic network driven analysis of genome-wide transcription data from <i>Aspergillus nidulans</i> . <b>2006</b> , 7, R108	48
1931	Lineage-specific expansion of proteins exported to erythrocytes in malaria parasites. <b>2006</b> , 7, R12	312
1930	Nonrandom divergence of gene expression following gene and genome duplications in the flowering plant <i>Arabidopsis thaliana</i> . <b>2006</b> , 7, R13	134
1929	Bioinformatics and Drug Discovery. <b>2006</b> ,	1
1928	Analysis of a multifactor microarray study using Partek genomics solution. <b>2006</b> , 411, 256-70	58
1927	Modeling oligonucleotide microarray signals. <b>2006</b> , 5, 151-60	2
1926	The arginine regulon of <i>Escherichia coli</i> : whole-system transcriptome analysis discovers new genes and provides an integrated view of arginine regulation. <b>2006</b> , 152, 3343-3354	58
1925	Mechanisms of indomethacin-induced alterations in the choline phospholipid metabolism of breast cancer cells. <b>2006</b> , 8, 758-71	26
1924	Increased serum cadmium and strontium levels in young smokers: effects on arterial endothelial cell gene transcription. <b>2006</b> , 26, 833-8	70
1923	Use of external controls in microarray experiments. <b>2006</b> , 411, 50-63	14
1922	Gene expression profiles of cumulus cell oocyte complexes during ovulation reveal cumulus cells express neuronal and immune-related genes: does this expand their role in the ovulation process?. <b>2006</b> , 20, 1300-21	199
1921	A biologic definition of Burkitt's lymphoma from transcriptional and genomic profiling. <b>2006</b> , 354, 2419-30	776
1920	Transcriptional profiles in liver from mice treated with hepatotumorigenic and nonhepatotumorigenic triazole conazole fungicides: Propiconazole, triadimefon, and myclobutanil. <b>2006</b> , 34, 863-78	70
1919	Comparison of Preprocessing Methods for Affymetrix Microarrays. <b>2006</b> , 19, 15-20	
1918	Biosensing. <b>2006</b> ,	3

1917	Multiple testing methods for CHIP-Chip high density oligonucleotide array data. <b>2006</b> , 13, 579-613	34
1916	Persistent activation of stat3 signaling induces survivin gene expression and confers resistance to apoptosis in human breast cancer cells. <b>2006</b> , 12, 11-9	422
1915	Some statistical issues in microarray gene expression data. <b>2006</b> , 165, 745-8	7
1914	Estimating Oligo-nucleotide Microarray Expression by Hybridization Process Modelling. <b>2006</b> ,	1
1913	Host response and dysfunction in the CNS during chronic simian immunodeficiency virus infection. <b>2006</b> , 26, 4577-85	30
1912	Random forests for microarrays. <b>2006</b> , 411, 422-32	44
1911	The SERPINE2 gene is associated with chronic obstructive pulmonary disease. <b>2006</b> , 78, 253-64	143
1910	Spectrum of CHD7 mutations in 110 individuals with CHARGE syndrome and genotype-phenotype correlation. <b>2006</b> , 78, 303-14	306
1909	Tumor cell plasticity in uveal melanoma: microenvironment directed dampening of the invasive and metastatic genotype and phenotype accompanies the generation of vasculogenic mimicry patterns. <b>2006</b> , 169, 1376-89	58
1908	Differential expression of genes in amyotrophic lateral sclerosis revealed by profiling the post mortem cortex. <b>2006</b> , 7, 201-10	50
1907	The spontaneously hypertensive rat: an experimental model of sulfur dioxide-induced airways disease. <b>2006</b> , 94, 193-205	29
1906	Pathway-specific differences between tumor cell lines and normal and tumor tissue cells. <b>2006</b> , 5, 55	149
1905	Generalization of DNA microarray dispersion properties: microarray equivalent of t-distribution. <b>2006</b> , 1, 27	14
1904	Analysis of membrane proteins from human chronic myelogenous leukemia cells: comparison of extraction methods for multidimensional LC-MS/MS. <b>2006</b> , 5, 709-19	55
1903	Separation of human adipocytes by size: hypertrophic fat cells display distinct gene expression. <b>2006</b> , 20, 1540-2	318
1902	A Drosophila model for age-associated changes in sleep:wake cycles. <b>2006</b> , 103, 13843-7	250
1901	Identification of a common gene expression signature in dilated cardiomyopathy across independent microarray studies. <b>2006</b> , 48, 1610-7	124
1900	IL-31: a new link between T cells and pruritus in atopic skin inflammation. <b>2006</b> , 117, 411-7	668

1899	Resistin-like molecule beta regulates innate colonic function: barrier integrity and inflammation susceptibility. <b>2006</b> , 118, 257-68	120
1898	Characterization of cell-type specific profiles in tissues and isolated cells from squamous cell carcinomas of the lung. <b>2006</b> , 53, 129-42	35
1897	Molecular phenotyping of human endometrium distinguishes menstrual cycle phases and underlying biological processes in normo-ovulatory women. <b>2006</b> , 147, 1097-121	452
1896	Chronic olanzapine treatment causes differential expression of genes in frontal cortex of rats as revealed by DNA microarray technique. <b>2006</b> , 31, 1888-99	88
1895	Persistent transactivation by meis1 replaces hox function in myeloid leukemogenesis models: evidence for co-occupancy of meis1-pbx and hox-pbx complexes on promoters of leukemia-associated genes. <b>2006</b> , 26, 3902-16	74
1894	Global studies of cell type-specific gene expression in plants. <b>2006</b> , 57, 451-75	66
1893	Automated target preparation for microarray-based gene expression analysis. <b>2006</b> , 78, 6299-305	14
1892	Gene expression profiling shows medullary breast cancer is a subgroup of basal breast cancers. <b>2006</b> , 66, 4636-44	235
1891	Expression of insulin-like growth factor binding protein-3 in pterygium tissue. <b>2006</b> , 90, 769-72	25
1890	Activation of the Reg family genes by pancreatic-specific IGF-I gene deficiency and after streptozotocin-induced diabetes in mouse pancreas. <b>2006</b> , 291, E50-8	41
1889	Progression-specific genes identified by expression profiling of matched ductal carcinomas in situ and invasive breast tumors, combining laser capture microdissection and oligonucleotide microarray analysis. <b>2006</b> , 66, 5278-86	190
1888	Identification of novel genes regulated in the developing human ventral mesencephalon. <b>2006</b> , 198, 427-37	18
1887	Development of a Fusarium graminearum Affymetrix GeneChip for profiling fungal gene expression in vitro and in planta. <b>2006</b> , 43, 316-25	150
1886	A pericellular collagenase directs the 3-dimensional development of white adipose tissue. <b>2006</b> , 125, 577-91	305
1885	HIF-1-mediated expression of pyruvate dehydrogenase kinase: a metabolic switch required for cellular adaptation to hypoxia. <b>2006</b> , 3, 177-85	2521
1884	The candidate tumor suppressor CST6 alters the gene expression profile of human breast carcinoma cells: down-regulation of the potent mitogenic, motogenic, and angiogenic factor autotaxin. <b>2006</b> , 340, 175-82	22
1883	Identification of DLK1 variants in pituitary- and neuroendocrine tumors. <b>2006</b> , 340, 995-1005	25
1882	Using DNA microarrays to study natural variation. <b>2006</b> , 16, 553-8	40

1881	RS5444, a novel PPARgamma agonist, regulates aspects of the differentiated phenotype in nontransformed intestinal epithelial cells. <b>2006</b> , 251, 17-32	24
1880	Paracrine-stimulated gene expression profile favors estradiol production in breast tumors. <b>2006</b> , 253, 44-55	14
1879	In vivo transcriptional profile analysis reveals RNA splicing and chromatin remodeling as prominent processes for adult neurogenesis. <b>2006</b> , 31, 131-48	61
1878	Experimental Design and Analysis of Microarray Data. <b>2006</b> , 1-36	2
1877	Sohlh1 is essential for spermatogonial differentiation. <b>2006</b> , 294, 161-7	181
1876	Tbx5-dependent rheostatic control of cardiac gene expression and morphogenesis. <b>2006</b> , 297, 566-86	142
1875	A database of mRNA expression patterns for the sea urchin embryo. <b>2006</b> , 300, 476-84	72
1874	Expression analysis of sex-specific and 17beta-estradiol-responsive genes in the Japanese medaka, <i>Oryzias latipes</i> , using oligonucleotide microarrays. <b>2006</b> , 88, 241-51	38
1873	Regional variation in mRNA transcript abundance within the ventricular wall. <b>2006</b> , 40, 295-302	51
1872	Differential gene expression profiling in genetic and multifactorial cardiovascular diseases. <b>2006</b> , 41, 934-48	55
1871	Application of microarray technology in primate behavioral neuroscience research. <b>2006</b> , 38, 227-34	14
1870	Molecular heterogeneity along the dorsal-ventral axis of the murine hippocampal CA1 field: a microarray analysis of gene expression. <b>2006</b> , 137, 177-86	68
1869	Differential gene expression in the rat cochlea after exposure to impulse noise. <b>2006</b> , 142, 425-35	40
1868	Transcriptional analysis of protective antigen-stimulated PBMC from non-human primates vaccinated with the anthrax vaccine absorbed. <b>2006</b> , 24, 3609-17	5
1867	Detecting and profiling tissue-selective genes. <b>2006</b> , 26, 158-62	43
1866	Divergence between motoneurons: gene expression profiling provides a molecular characterization of functionally discrete somatic and autonomic motoneurons. <b>2006</b> , 24, 276-89	14
1865	Questioning the Utility of Pooling Samples in Microarray Experiments with Cell Lines. <b>2006</b> , 21, 67-73	5
1864	. <b>2006</b> ,	25

1863	. 2006,	10
1862	A Generic Concept for Large-scale Microarray Analysis Dedicated to Medical Diagnostics. 2006, 45, 146-152	6
1861	Genome-wide gene expression analysis of <i>Pseudomonas syringae</i> pv. tomato DC3000 reveals overlapping and distinct pathways regulated by hrpL and hrpRS. 2006, 19, 976-87	53
1860	DNA Microarray Data, Statistical Analysis of. 2006,	
1859	Molecular profiling of CD34+ cells identifies low expression of CD7, along with high expression of proteinase 3 or elastase, as predictors of longer survival in patients with CML. 2006, 107, 205-12	113
1858	Hepatocyte growth factor favors monocyte differentiation into regulatory interleukin (IL)-10++IL-12low/neg accessory cells with dendritic-cell features. 2006, 108, 218-27	192
1857	Toward the identification of a tolerogenic signature in IDO-competent dendritic cells. 2006, 107, 2846-54	166
1856	Gene expression profiles of CD34+ cells in myelodysplastic syndromes: involvement of interferon-stimulated genes and correlation to FAB subtype and karyotype. 2006, 108, 337-45	165
1855	Biologic pathways associated with relapse in childhood acute lymphoblastic leukemia: a Children's Oncology Group study. 2006, 108, 711-7	133
1854	Phenotypic responses to mechanical stress in fibroblasts from tendon, cornea and skin. 2006, 396, 307-16	30
1853	FDA perspectives on potential microarray-based clinical diagnostics. 2006, 2, 236-43	13
1852	Identification of a Common Gene Expression Signature in Dilated Cardiomyopathy Across Independent Microarray Studies. 2006, 48, 1610-1617	85
1851	Nuclear receptor-mediated transcriptional regulation in Phase I, II, and III xenobiotic metabolizing systems. 2006, 21, 437-57	144
1850	Microarray Approaches to Gene Expression Analysis. 2006, 121-148	1
1849	Trans-10, cis-12 conjugated linoleic acid causes inflammation and delipidation of white adipose tissue in mice: a microarray and histological analysis. 2006, 27, 282-94	81
1848	Toxicogenomics strategies for predicting drug toxicity. 2006, 7, 1003-16	27
1847	Multiple mechanisms limit the duration of wakefulness in <i>Drosophila</i> brain. 2006, 27, 337-50	86
1846	Analysis of Affymetrix GeneChip data using amplified RNA. 2006, 40, 165-6, 168, 170	17

1845	Genomic analysis of <i>Xenopus</i> organizer function. <b>2006</b> , 6, 27	14
1844	Expression profiling of clonal lymphocyte cell cultures from Rett syndrome patients. <b>2006</b> , 7, 61	33
1843	The Shivplot: a graphical display for trend elucidation and exploratory analysis of microarray data. <b>2006</b> , 1, 6	
1842	Brachyury, a crucial regulator of notochordal development, is a novel biomarker for chordomas. <b>2006</b> , 209, 157-65	410
1841	Gene expression profiling reveals intrinsic differences between T-cell acute lymphoblastic leukemia and T-cell lymphoblastic lymphoma. <b>2006</b> , 47, 130-40	111
1840	Optimized proteomic analysis of a mouse model of cerebellar dysfunction using amine-specific isobaric tags. <b>2006</b> , 6, 4321-34	71
1839	Antipsychotic pathway genes with expression altered in opposite direction by antipsychotics and amphetamine. <b>2006</b> , 60, 141-51	19
1838	Increased expression of aquaporin 3 in atopic eczema. <b>2006</b> , 61, 1132-7	96
1837	Decrease in creatine kinase messenger RNA expression in the hippocampus and dorsolateral prefrontal cortex in bipolar disorder. <b>2006</b> , 8, 255-64	72
1836	Gene expression is differentially regulated by neurotransmitters in embryonic neuronal cortical culture. <b>2006</b> , 97 Suppl 1, 35-43	9
1835	XBP1 induces WFS1 through an endoplasmic reticulum stress response element-like motif in SH-SY5Y cells. <b>2006</b> , 97, 545-55	55
1834	Toxicity mediated by soluble oligomers of beta-amyloid(1-42) on cholinergic SN56.B5.G4 cells. <b>2006</b> , 98, 1930-45	43
1833	Changes in brain gene expression after long-term sleep deprivation. <b>2006</b> , 98, 1632-45	139
1832	Early gene expression during natural spinal cord regeneration in the salamander <i>Ambystoma mexicanum</i> . <b>2007</b> , 101, 27-40	67
1831	A comparison of the <i>Thlaspi caerulescens</i> and <i>Thlaspi arvense</i> shoot transcriptomes. <b>2006</b> , 170, 239-60	198
1830	Gene expression profiling in cluster headache: a pilot microarray study. <b>2006</b> , 46, 1518-34	21
1829	Gene profiling in temporal lobe epilepsy tissue and dysplastic lesions. <b>2006</b> , 47, 1608-16	12
1828	DNA microarray and proteomic strategies for understanding alcohol action. <b>2006</b> , 30, 700-8	13



1827	Gene array profiles of alcohol and aldehyde metabolizing enzymes in brains of C57BL/6 and DBA/2 mice. <b>2006</b> , 30, 1659-69	19
1826	Meningococcal adhesion suppresses proapoptotic gene expression and promotes expression of genes supporting early embryonic and cytoprotective signaling of human endothelial cells. <b>2006</b> , 263, 109-18	17
1825	Genome-wide screening of dioxin-responsive genes in fetal brain: bioinformatic and experimental approaches. <b>2006</b> , 46, 135-43	9
1824	Statistical methods for expression quantitative trait loci (eQTL) mapping. <b>2006</b> , 62, 19-27	102
1823	Computational biology: toward deciphering gene regulatory information in mammalian genomes. <b>2006</b> , 62, 645-63	28
1822	Genomic and expression profiling identifies the B-cell associated tyrosine kinase Syk as a possible therapeutic target in mantle cell lymphoma. <b>2006</b> , 132, 303-16	152
1821	Gene expression profiling reveals consistent differences between clinical samples of human leukaemias and their model cell lines. <b>2006</b> , 135, 520-3	12
1820	PBP3 inhibition elicits adaptive responses in <i>Pseudomonas aeruginosa</i> . <b>2006</b> , 62, 84-99	82
1819	Microarray analysis of the transcriptome as a stepping stone towards understanding biological systems: practical considerations and perspectives. <b>2006</b> , 45, 630-50	72
1818	Type III effectors orchestrate a complex interplay between transcriptional networks to modify basal defence responses during pathogenesis and resistance. <b>2006</b> , 46, 14-33	201
1817	ABERRANT TESTA SHAPE encodes a KANADI family member, linking polarity determination to separation and growth of <i>Arabidopsis ovule</i> integuments. <b>2006</b> , 46, 522-31	102
1816	Lack of correct data format and comparability limits future integrative microarray research. <b>2006</b> , 24, 1322-3	50
1815	Evaluation of external RNA controls for the assessment of microarray performance. <b>2006</b> , 24, 1132-9	86
1814	Using RNA sample titrations to assess microarray platform performance and normalization techniques. <b>2006</b> , 24, 1123-31	139
1813	Normalization procedures and detection of linkage signal in genetical-genomics experiments. <b>2006</b> , 38, 855-6; author reply 856-9	25
1812	Reply to □Normalization procedures and detection of linkage signal in genetical-genomics experiments□ <b>2006</b> , 38, 856-858	13
1811	Reply to □Normalization procedures and detection of linkage signal in genetical-genomics experiments□ <b>2006</b> , 38, 858-859	3
1810	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. <b>2006</b> , 7, 274-83	193

1809	Exploration of global gene expression in human liver steatosis by high-density oligonucleotide microarray. <b>2006</b> , 86, 154-65	76
1808	BRX mediates feedback between brassinosteroid levels and auxin signalling in root growth. <b>2006</b> , 443, 458-61	227
1807	PARP-2 deficiency affects the survival of CD4+CD8+ double-positive thymocytes. <b>2006</b> , 25, 4350-60	87
1806	Gene array expression profiling in acne lesions reveals marked upregulation of genes involved in inflammation and matrix remodeling. <b>2006</b> , 126, 1071-9	136
1805	Epidermal morphogenesis: the transcriptional program of human keratinocytes during stratification. <b>2006</b> , 126, 1834-41	27
1804	Serpin A1 is overexpressed in ALK+ anaplastic large cell lymphoma and its expression correlates with extranodal dissemination. <b>2006</b> , 20, 1848-54	14
1803	Identification of a molecular signature predictive of sensitivity to differentiation induction in acute myeloid leukemia. <b>2006</b> , 20, 1751-8	29
1802	Altered glucose metabolism in childhood pre-B acute lymphoblastic leukaemia. <b>2006</b> , 20, 1731-7	72
1801	Identification of a molecular signature for leukemic promyelocytes and their normal counterparts: Focus on DNA repair genes. <b>2006</b> , 20, 1978-88	27
1800	Specificity and timing of neocortical transcriptome changes in response to BDNF gene ablation during embryogenesis or adulthood. <b>2006</b> , 11, 633-48	80
1799	Gene expression analysis of bipolar disorder reveals downregulation of the ubiquitin cycle and alterations in synaptic genes. <b>2006</b> , 11, 965-78	155
1798	Expression of ribosomal subunit genes increased coordinately with postmortem interval in human brain. <b>2006</b> , 11, 1067-9	6
1797	Gene expression profiling of breast cell lines identifies potential new basal markers. <b>2006</b> , 25, 2273-84	425
1796	Fibroblast remodeling activity at two- and three-dimensional collagen-glycosaminoglycan interfaces. <b>2006</b> , 27, 4212-20	22
1795	PQN and DQN: algorithms for expression microarrays. <b>2006</b> , 243, 273-8	27
1794	Normalization and quantification of differential expression in gene expression microarrays. <b>2006</b> , 7, 166-77	62
1793	From microarray to biological networks: Analysis of gene expression profiles. <b>2006</b> , 316, 35-48	15
1792	Differentiation of embryonic stem cells conditionally expressing neurogenin 3. <b>2006</b> , 24, 2529-37	50

1791	Short-term effects of adolescent methylphenidate exposure on brain striatal gene expression and sexual/endocrine parameters in male rats. <b>2006</b> , 1074, 52-73	49
1790	Wnt but not BMP signaling is involved in the inhibitory action of sclerostin on BMP-stimulated bone formation. <b>2007</b> , 22, 19-28	202
1789	Differential gene expression in cultured osteoblasts and bone marrow stromal cells from patients with Paget's disease of bone. <b>2007</b> , 22, 298-309	68
1788	Animal research and the search for understanding. <b>2006</b> , 38, 859	2
1787	Oligonucleotide microarray expression profiling: human skeletal muscle phenotype and aerobic exercise training. <b>2006</b> , 58, 15-24	12
1786	Empirical Bayes analysis of variance component models for microarray data. <b>2006</b> , 11, 197-209	6
1785	A new summarization method for Affymetrix probe level data. <b>2006</b> , 22, 943-9	184
1784	Analysis of microarray experiments of gene expression profiling. <b>2006</b> , 195, 373-88	177
1783	Expression of a Brassica isopropylmalate synthase gene in Arabidopsis perturbs both glucosinolate and amino acid metabolism. <b>2006</b> , 60, 717-27	16
1782	Capsaicin-induced inactivation of sensory neurons promotes a more aggressive gene expression phenotype in breast cancer cells. <b>2006</b> , 99, 351-64	65
1781	Ankyrin G overexpression in Hutchinson-Gilford progeria syndrome fibroblasts identified through biological filtering of expression profiles. <b>2006</b> , 51, 934-942	13
1780	Gene expression analyses reveal molecular relationships among 20 regions of the human CNS. <b>2006</b> , 7, 67-80	270
1779	Genome scans and gene expression microarrays converge to identify gene regulatory loci relevant in schizophrenia. <b>2006</b> , 119, 558-70	33
1778	A new locus for autosomal dominant amelogenesis imperfecta on chromosome 8q24.3. <b>2007</b> , 120, 653-62	19
1777	Two new behavioral QTLs, Emo4 and Reb1, map to mouse Chromosome 1: Congenic strains and candidate gene identification studies. <b>2006</b> , 17, 111-8	24
1776	Gene expression analysis of mouse chromosome substitution strains. <b>2006</b> , 17, 598-614	27
1775	Candidate genes and their regulatory elements: alcohol preference and tolerance. <b>2006</b> , 17, 669-88	53
1774	Modification of gene expression of the small airway epithelium in response to cigarette smoking. <b>2007</b> , 85, 39-53	151

1773	MAOSA: A new procedure for detection of differential gene expression. <b>2006</b> , 3, 42-54	
1772	A collection of breast cancer cell lines for the study of functionally distinct cancer subtypes. <b>2006</b> , 10, 515-27	2386
1771	Biological microarray interpretation: the rules of engagement. <b>2006</b> , 1759, 319-27	35
1770	Inferential literacy for experimental high-throughput biology. <b>2006</b> , 22, 84-9	26
1769	Human class-I restricted T cell associated molecule is highly expressed in the cerebellum and is a marker for activated NKT and CD8+ T lymphocytes. <b>2006</b> , 171, 145-55	34
1768	Expression profiling by whole-genome interspecies microarray hybridization reveals differential gene expression in procyclic promastigotes, lesion-derived amastigotes, and axenic amastigotes in <i>Leishmania mexicana</i> . <b>2006</b> , 146, 198-218	133
1767	Increased vulnerability of ApoE4 neurons to HIV proteins and opiates: protection by diosgenin and L-deprenyl. <b>2006</b> , 23, 109-19	69
1766	Selection of suitable reference genes for accurate normalization of gene expression profile studies in non-small cell lung cancer. <b>2006</b> , 6, 200	71
1765	Translating microarray data for diagnostic testing in childhood leukaemia. <b>2006</b> , 6, 229	29
1764	The effect of oligonucleotide microarray data pre-processing on the analysis of patient-cohort studies. <b>2006</b> , 7, 105	21
1763	Utilization of two sample t-test statistics from redundant probe sets to evaluate different probe set algorithms in GeneChip studies. <b>2006</b> , 7, 12	11
1762	How to decide? Different methods of calculating gene expression from short oligonucleotide array data will give different results. <b>2006</b> , 7, 137	115
1761	Assessment of the relationship between pre-chip and post-chip quality measures for Affymetrix GeneChip expression data. <b>2006</b> , 7, 211	31
1760	SBEAMS-Microarray: database software supporting genomic expression analyses for systems biology. <b>2006</b> , 7, 286	45
1759	ROKU: a novel method for identification of tissue-specific genes. <b>2006</b> , 7, 294	72
1758	A methodology for global validation of microarray experiments. <b>2006</b> , 7, 333	60
1757	AMDA: an R package for the automated microarray data analysis. <b>2006</b> , 7, 335	31
1756	A proposed metric for assessing the measurement quality of individual microarrays. <b>2006</b> , 7, 35	8

1755	A powerful method for detecting differentially expressed genes from GeneChip arrays that does not require replicates. <b>2006</b> , 7, 353	10
1754	Comparison and evaluation of methods for generating differentially expressed gene lists from microarray data. <b>2006</b> , 7, 359	234
1753	Selecting normalization genes for small diagnostic microarrays. <b>2006</b> , 7, 388	9
1752	Probe-level linear model fitting and mixture modeling results in high accuracy detection of differential gene expression. <b>2006</b> , 7, 391	10
1751	Probe set algorithms: is there a rational best bet?. <b>2006</b> , 7, 395	64
1750	Analysis with respect to instrumental variables for the exploration of microarray data structures. <b>2006</b> , 7, 422	37
1749	A summarization approach for Affymetrix GeneChip data using a reference training set from a large, biologically diverse database. <b>2006</b> , 7, 464	57
1748	Statistical analysis of an RNA titration series evaluates microarray precision and sensitivity on a whole-array basis. <b>2006</b> , 7, 511	16
1747	PageMan: an interactive ontology tool to generate, display, and annotate overview graphs for profiling experiments. <b>2006</b> , 7, 535	276
1746	Production and utilization of a high-density oligonucleotide microarray in channel catfish, <i>Ictalurus punctatus</i> . <b>2006</b> , 7, 134	35
1745	Butyrate induces profound changes in gene expression related to multiple signal pathways in bovine kidney epithelial cells. <b>2006</b> , 7, 234	84
1744	Proximal genomic localization of STAT1 binding and regulated transcriptional activity. <b>2006</b> , 7, 254	17
1743	Detection of transcriptional difference of porcine imprinted genes using different microarray platforms. <b>2006</b> , 7, 328	28
1742	Metabolic analysis of adaptive evolution for in silico-designed lactate-producing strains. <b>2006</b> , 95, 992-1002	55
1741	Transforming omics data into context: bioinformatics on genomics and proteomics raw data. <b>2006</b> , 27, 2659-75	31
1740	Discovering innate immunity genes using differential display: a story of RNA helicases. <b>2006</b> , 209, 636-44	10
1739	The protein kinase IKKepsilon can inhibit HCV expression independently of IFN and its own expression is downregulated in HCV-infected livers. <b>2006</b> , 44, 1635-47	18
1738	Transcriptional census of 36 microdissected colorectal cancers yields a gene signature to distinguish UICC II and III. <b>2006</b> , 119, 1829-36	33

1737	Mitochondrial dysfunction as a cause of axonal degeneration in multiple sclerosis patients. <b>2006</b> , 59, 478-89	643
1736	Estimation of Expression Indexes for Oligonucleotide Arrays Using the Singular Value Decomposition. <b>2006</b> , 101, 41-50	11
1735	HIV-1 infection initiates an inflammatory cascade in human renal tubular epithelial cells. <b>2006</b> , 42, 1-11	62
1734	Past, present and future of gene expression-tailored therapy for lung cancer. <b>2006</b> , 3, 165-175	3
1733	Transcriptional profiling identifies cyclin D1 as a critical downstream effector of mutant epidermal growth factor receptor signaling. <b>2006</b> , 66, 11389-98	98
1732	A genotype calling algorithm for affymetrix SNP arrays. <b>2006</b> , 22, 7-12	292
1731	High-resolution spatial normalization for microarrays containing embedded technical replicates. <b>2006</b> , 22, 3054-60	15
1730	Microarray analysis of differentially expressed genes in vaginal tissues from women with stress urinary incontinence compared with asymptomatic women. <b>2006</b> , 21, 22-9	36
1729	Genotyping and annotation of Affymetrix SNP arrays. <b>2006</b> , 34, e100	17
1728	Identifying functional gene sets from hierarchically clustered expression data: map of abiotic stress regulated genes in Arabidopsis thaliana. <b>2006</b> , 34, e124	11
1727	Combined transcript and metabolite profiling of Arabidopsis leaves reveals fundamental effects of the thiol-disulfide status on plant metabolism. <b>2006</b> , 141, 412-22	88
1726	GLOBAL CORRELATION ANALYSIS BETWEEN REDUNDANT PROBE SETS USING A LARGE COLLECTION OF ARABIDOPSIS ATH1 EXPRESSION PROFILING DATA. <b>2006</b> ,	3
1725	Activin modulates the transcriptional response of LbetaT2 cells to gonadotropin-releasing hormone and alters cellular proliferation. <b>2006</b> , 20, 2909-30	39
1724	Glucocorticoid receptor activation signals through forkhead transcription factor 3a in breast cancer cells. <b>2006</b> , 20, 2304-14	60
1723	Selective modulation of protein kinase A I and II reveals distinct roles in thyroid cell gene expression and growth. <b>2006</b> , 20, 3196-211	33
1722	Adsorption models of hybridization and post-hybridization behaviour on oligonucleotide microarrays. <b>2006</b> , 18, 5545-5565	32
1721	GeneChip microarrays signal intensities, RNA concentrations and probe sequences. <b>2006</b> , 18, S537-S566	17
1720	Gene Expression Profile Classification: A Review. <b>2006</b> , 1, 55-73	90

1719	Chromosome-wide identification of novel imprinted genes using microarrays and uniparental disomies. <b>2006</b> , 34, e88	58
1718	Extrapolating traditional DNA microarray statistics to tiling and protein microarray technologies. <b>2006</b> , 411, 282-311	12
1717	GeneChips in stem cell research. <b>2006</b> , 420, 162-224	3
1716	Reproducibility of microarray studies: concordance of current analysis methods. <b>2006</b> , 158, 109-25	1
1715	Algorithm to find gene expression profiles of deregulation and identify families of disease-altered genes. <b>2006</b> , 22, 1103-10	19
1714	Automatic quality assessment of Affymetrix GeneChip data. <b>2006</b> ,	1
1713	affylmGUI: a graphical user interface for linear modeling of single channel microarray data. <b>2006</b> , 22, 897-9	179
1712	Identification of VDR-responsive gene signatures in breast cancer cells. <b>2006</b> , 71, 111-23	39
1711	CART variance stabilization and regularization for high-throughput genomic data. <b>2006</b> , 22, 2254-61	8
1710	Impact of nonsense-mediated mRNA decay on the global expression profile of budding yeast. <b>2006</b> , 2, e203	104
1709	Analysis of gene expression using gene sets discriminates cancer patients with and without late radiation toxicity. <b>2006</b> , 3, e422	101
1708	Transcript mapping with high-density oligonucleotide tiling arrays. <b>2006</b> , 22, 1963-70	120
1707	Probe-level measurement error improves accuracy in detecting differential gene expression. <b>2006</b> , 22, 2107-13	62
1706	Partition resampling and extrapolation averaging: approximation methods for quantifying gene expression in large numbers of short oligonucleotide arrays. <b>2006</b> , 22, 2364-72	5
1705	C/EBPalpha is required for lung maturation at birth. <b>2006</b> , 133, 1155-64	107
1704	Accurately quantifying low-abundant targets amid similar sequences by revealing hidden correlations in oligonucleotide microarray data. <b>2006</b> , 103, 13629-34	31
1703	Identification of genome-scale metabolic network models using experimentally measured flux profiles. <b>2006</b> , 2, e72	93
1702	Heritability and tissue specificity of expression quantitative trait loci. <b>2006</b> , 2, e172	162

1701	Unusual intron conservation near tissue-regulated exons found by splicing microarrays. <b>2006</b> , 2, e4	165
1700	Combined expression trait correlations and expression quantitative trait locus mapping. <b>2006</b> , 2, e6	83
1699	Comparison of algorithms for the analysis of Affymetrix microarray data as evaluated by co-expression of genes in known operons. <b>2006</b> , 34, e8	76
1698	Oxandrolone enhances skeletal muscle myosin synthesis and alters global gene expression profile in Duchenne muscular dystrophy. <b>2006</b> , 290, E530-9	27
1697	Identifying genes in monoamine nuclei that may determine stress vulnerability and depressive behavior in Wistar-Kyoto rats. <b>2006</b> , 31, 2449-61	45
1696	Differential regulation of immediate-early gene expression in the prefrontal cortex of rats with a high vs low behavioral response to methamphetamine. <b>2006</b> , 31, 2359-67	24
1695	NMPP: a user-customized NimbleGen microarray data processing pipeline. <b>2006</b> , 22, 2955-7	27
1694	Evolutionary conservation of expression profiles between human and mouse orthologous genes. <b>2006</b> , 23, 530-40	164
1693	Common and divergent immune response signaling pathways discovered in peripheral blood mononuclear cell gene expression patterns in presymptomatic and clinically apparent malaria. <b>2006</b> , 74, 5561-73	104
1692	Expression pattern shifts following duplication indicative of subfunctionalization and neofunctionalization in regulatory genes of Arabidopsis. <b>2006</b> , 23, 469-78	238
1691	Genes regulated by hepatocyte growth factor as targets to sensitize ovarian cancer cells to cisplatin. <b>2006</b> , 5, 1126-35	18
1690	Gene expression profiling reveals reproducible human lung adenocarcinoma subtypes in multiple independent patient cohorts. <b>2006</b> , 24, 5079-90	207
1689	Genetic and transcriptional analysis of the siderophore malleobactin biosynthesis and transport genes in the human pathogen Burkholderia pseudomallei K96243. <b>2006</b> , 188, 1551-66	49
1688	Comparison of Affymetrix GeneChip expression measures. <b>2006</b> , 22, 789-94	249
1687	Potential of a 16S rRNA-based taxonomic microarray for analyzing the rhizosphere effects of maize on Agrobacterium spp. and bacterial communities. <b>2006</b> , 72, 4302-12	100
1686	Low rates of expression profile divergence in highly expressed genes and tissue-specific genes during mammalian evolution. <b>2006</b> , 23, 1119-28	108
1685	Statistically designing microarrays and microarray experiments to enhance sensitivity and specificity. <b>2007</b> , 8, 22-31	10
1684	Isolation and confirmation of a calcium excretion quantitative trait locus on chromosome 1 in genetic hypercalciuric stone-forming congenic rats. <b>2006</b> , 17, 1292-304	33



1683	Amplification and overexpression of CACNA1E correlates with relapse in favorable histology Wilms' tumors. <b>2006</b> , 12, 7284-93	45
1682	Inbreeding by environmental interactions affect gene expression in <i>Drosophila melanogaster</i> . <b>2006</b> , 173, 1329-36	67
1681	Extraocular muscle morphogenesis and gene expression are regulated by Pitx2 gene dose. <b>2006</b> , 47, 1785-93	73
1680	A transcriptome-based characterization of habituation in plant tissue culture. <b>2006</b> , 140, 1255-78	79
1679	Down-regulation of stem cell genes, including those in a 200-kb gene cluster at 12p13.31, is associated with in vivo differentiation of human male germ cell tumors. <b>2006</b> , 66, 820-7	243
1678	Alpha-fetoprotein controls female fertility and prenatal development of the gonadotropin-releasing hormone pathway through an antiestrogenic action. <b>2006</b> , 26, 2012-8	46
1677	Prognosis and gene expression profiling of 20q13-amplified breast cancers. <b>2006</b> , 12, 4533-44	104
1676	COPA--cancer outlier profile analysis. <b>2006</b> , 22, 2950-1	90
1675	Gene expression signature in organized and growth-arrested mammary acini predicts good outcome in breast cancer. <b>2006</b> , 66, 7095-102	102
1674	Semi-supervised learning via penalized mixture model with application to microarray sample classification. <b>2006</b> , 22, 2388-95	23
1673	Reverse engineering antibiotic sensitivity in a multidrug-resistant <i>Pseudomonas aeruginosa</i> isolate. <b>2006</b> , 50, 2506-15	9
1672	Gene expression profiles of multiple breast cancer phenotypes and response to neoadjuvant chemotherapy. <b>2006</b> , 12, 819-26	106
1671	Cholestasis and hypercholesterolemia in SCD1-deficient mice fed a low-fat, high-carbohydrate diet. <b>2006</b> , 47, 2668-80	48
1670	Transcriptome analysis and physical mapping of barley genes in wheat-barley chromosome addition lines. <b>2006</b> , 172, 1277-85	62
1669	Propagating uncertainty in microarray data analysis. <b>2006</b> , 7, 37-47	18
1668	The effect of a sertoli cell-selective knockout of the androgen receptor on testicular gene expression in prepubertal mice. <b>2006</b> , 20, 321-34	120
1667	Gene expression profiling of nephrotoxicity from the sevoflurane degradation product fluoromethyl-2,2-difluoro-1-(trifluoromethyl)vinyl ether ("compound A") in rats. <b>2006</b> , 90, 419-31	54
1666	Parameter estimation for the exponential-normal convolution model for background correction of affymetrix GeneChip data. <b>2006</b> , 5, Article24	26

1665	The transcription factors WRKY11 and WRKY17 act as negative regulators of basal resistance in <i>Arabidopsis thaliana</i> . <b>2006</b> , 18, 3289-302	331
1664	Gene expression profiling separates chromophobe renal cell carcinoma from oncocytoma and identifies vesicular transport and cell junction proteins as differentially expressed genes. <b>2006</b> , 12, 6937-45	63
1663	Global patterns of gene expression in the aleurone of wild-type and dwarf1 mutant rice. <b>2006</b> , 140, 484-98	35
1662	CARMAweb: comprehensive R- and bioconductor-based web service for microarray data analysis. <b>2006</b> , 34, W498-503	187
1661	Adaptation and increased susceptibility to infection associated with constitutive expression of misfolded SP-C. <b>2006</b> , 172, 395-407	104
1660	Genome-wide expression profiling reveals EBV-associated inhibition of MHC class I expression in nasopharyngeal carcinoma. <b>2006</b> , 66, 7999-8006	176
1659	Transcriptional genomics associates FOX transcription factors with human heart failure. <b>2006</b> , 114, 1269-76	162
1658	Identification of the leucine-to-2-methylbutyric acid catabolic pathway of <i>Lactococcus lactis</i> . <b>2006</b> , 72, 4264-73	57
1657	Genome-wide differences between microsatellite stable and unstable colorectal tumors. <b>2006</b> , 27, 419-28	61
1656	Convergent evidence that oligodendrocyte lineage transcription factor 2 (OLIG2) and interacting genes influence susceptibility to schizophrenia. <b>2006</b> , 103, 12469-74	101
1655	Array-based methods for diagnosis and prevention of transplant rejection. <b>2006</b> , 6, 165-78	7
1654	Downstream target genes of the neuropeptide S-NPSR1 pathway. <b>2006</b> , 15, 2923-35	31
1653	Altered attention and prefrontal cortex gene expression in rats after binge-like exposure to cocaine during adolescence. <b>2006</b> , 26, 9656-65	79
1652	Representational fragment amplification: exponential amplification of fragmented cDNA enables multimillion-fold expression testing. <b>2006</b> , 52, 2164-8	
1651	Long-term effect of therapeutic laser photocoagulation on gene expression in the eye. <b>2006</b> , 20, 383-5	23
1650	Maternal care effects on the hippocampal transcriptome and anxiety-mediated behaviors in the offspring that are reversible in adulthood. <b>2006</b> , 103, 3480-5	641
1649	Targeting of GFP to newborn rods by Nrl promoter and temporal expression profiling of flow-sorted photoreceptors. <b>2006</b> , 103, 3890-5	251
1648	ChREBP* <i>Mlx</i> is the principal mediator of glucose-induced gene expression in the liver. <b>2006</b> , 281, 28721-30	269

1647	CONSTITUTIVELY PHOTOMORPHOGENIC1 is required for the UV-B response in Arabidopsis. <b>2006</b> , 18, 1975-90	289
1646	Transcriptional profiling of the Bacillus anthracis life cycle in vitro and an implied model for regulation of spore formation. <b>2006</b> , 188, 6092-100	83
1645	Use of routinely collected amniotic fluid for whole-genome expression analysis of polygenic disorders. <b>2006</b> , 52, 2013-20	12
1644	Hormone-response genes are direct in vivo regulatory targets of Brahma (SWI/SNF) complex function. <b>2006</b> , 281, 35305-15	40
1643	Novel GC-rich DNA-binding compound produced by a genetically engineered mutant of the mithramycin producer Streptomyces argillaceus exhibits improved transcriptional repressor activity: implications for cancer therapy. <b>2006</b> , 34, 1721-34	73
1642	A model of technical variation of microarray signals. <b>2006</b> , 13, 996-1003	27
1641	Signal deconvolution based expression-detection and background adjustment for microarray data. <b>2006</b> , 13, 63-80	7
1640	Salicylic acid-independent ENHANCED DISEASE SUSCEPTIBILITY1 signaling in Arabidopsis immunity and cell death is regulated by the monooxygenase FMO1 and the Nudix hydrolase NUDT7. <b>2006</b> , 18, 1038-51	377
1639	Involvement of gonadal steroids and gamma interferon in sex differences in response to blood-stage malaria infection. <b>2006</b> , 74, 3190-203	71
1638	Relationship between gene expression and observed intensities in DNA microarrays--a modeling study. <b>2006</b> , 34, e70	65
1637	Quality assessment of Affymetrix GeneChip data. <b>2006</b> , 10, 358-68	76
1636	Transcriptional program associated with IFN-alpha response of renal cell carcinoma. <b>2006</b> , 26, 156-70	2
1635	Comparative microarray analysis. <b>2006</b> , 10, 381-97	46
1634	Investigation and Comparison of the Preprocessing Algorithms for Microarray Analysis for Robust Gene Expression Calculation and Performance Analysis of Technical Replicates. <b>2006</b> ,	
1633	Microarray analysis of mouse ear tissue exposed to bis-(2-chloroethyl) sulfide: gene expression profiles correlate with treatment efficacy and an established clinical endpoint. <b>2006</b> , 317, 76-87	29
1632	DNA damage-induced expression of p53 suppresses mitotic checkpoint kinase hMps1: the lack of this suppression in p53MUT cells contributes to apoptosis. <b>2006</b> , 281, 8675-85	36
1631	Latent pathway activation and increased pathway capacity enable Escherichia coli adaptation to loss of key metabolic enzymes. <b>2006</b> , 281, 8024-33	147
1630	Chemokine (C-C motif) ligand 2 mediates the prometastatic effect of dysadherin in human breast cancer cells. <b>2006</b> , 66, 7176-84	81

1629	MyoD expression restores defective myogenic differentiation of human mesoangioblasts from inclusion-body myositis muscle. <b>2006</b> , 103, 16995-7000	62
1628	Homozygosity mapping with SNP arrays identifies TRIM32, an E3 ubiquitin ligase, as a Bardet-Biedl syndrome gene (BBS11). <b>2006</b> , 103, 6287-92	321
1627	Stat3 is required for cytoprotection of the respiratory epithelium during adenoviral infection. <b>2006</b> , 177, 527-37	47
1626	Lithium administration to preadolescent rats causes long-lasting increases in anxiety-like behavior and has molecular consequences. <b>2006</b> , 26, 6031-9	36
1625	Human CD4+CD25+ regulatory T lymphocytes inhibit lipopolysaccharide-induced monocyte survival through a Fas/Fas ligand-dependent mechanism. <b>2006</b> , 177, 6540-7	104
1624	Functional genomics of innate host defense molecules in normal human monocytes in response to <i>Aspergillus fumigatus</i> . <b>2006</b> , 74, 2353-65	74
1623	Bone sialoprotein mediates the tumor cell-targeted prometastatic activity of transforming growth factor beta in a mouse model of breast cancer. <b>2006</b> , 66, 6327-35	78
1622	Transcriptomic footprints disclose specificity of reactive oxygen species signaling in <i>Arabidopsis</i> . <b>2006</b> , 141, 436-45	610
1621	Memory T and memory B cells share a transcriptional program of self-renewal with long-term hematopoietic stem cells. <b>2006</b> , 103, 3304-9	202
1620	Similarities of ordered gene lists. <b>2006</b> , 4, 693-708	44
1619	Oxidative Stress and Neuroprotection. <b>2006</b> ,	2
1618	Transcriptome analysis of the barley- <i>Fusarium graminearum</i> interaction. <b>2006</b> , 19, 407-17	151
1617	Improving identification of differentially expressed genes by integrative analysis of Affymetrix and Illumina arrays. <b>2006</b> , 10, 369-80	6
1616	<i>Arabidopsis</i> Hsa32, a novel heat shock protein, is essential for acquired thermotolerance during long recovery after acclimation. <b>2006</b> , 140, 1297-305	208
1615	Hidden Markov Models for Microarray Time Course Data in Multiple Biological Conditions. <b>2006</b> , 101, 1323-1332	58
1614	Global gene expression profiling of pleural mesotheliomas: overexpression of aurora kinases and P16/CDKN2A deletion as prognostic factors and critical evaluation of microarray-based prognostic prediction. <b>2006</b> , 66, 2970-9	194
1613	A sex-specific role of type VII adenylyl cyclase in depression. <b>2006</b> , 26, 12609-19	34
1612	Statistical analysis of DNA microarray data in cancer research. <b>2006</b> , 12, 4469-73	37

1611	STABILIZED1, a stress-upregulated nuclear protein, is required for pre-mRNA splicing, mRNA turnover, and stress tolerance in Arabidopsis. <b>2006</b> , 18, 1736-49	155
1610	The human CD77- B cell population represents a heterogeneous subset of cells comprising centroblasts, centrocytes, and plasmablasts, prompting phenotypical revision. <b>2006</b> , 177, 4341-9	30
1609	Analysis of host- and tumor-derived proteinases using a custom dual species microarray reveals a protective role for stromal matrix metalloproteinase-12 in non-small cell lung cancer. <b>2006</b> , 66, 7968-75	72
1608	Identification of novel Th2-associated genes in T memory responses to allergens. <b>2006</b> , 176, 4766-77	39
1607	Neurotoxic protein expression reveals connections between the circadian clock and mating behavior in Drosophila. <b>2006</b> , 103, 13537-42	29
1606	Analysis of variance of microarray data. <b>2006</b> , 411, 214-33	26
1605	Evaluation of the Transcriptome and Genome to Inform the Study of Metabolic Control in Plants. 1-23	2
1604	An integrated view of gene expression and solute profiles of Arabidopsis tumors: a genome-wide approach. <b>2006</b> , 18, 3617-34	92
1603	A practical question based on cross-platform microarray data normalization: are BOEC more like large vessel or microvascular endothelial cells or neither of them?. <b>2007</b> , 5, 875-93	12
1602	ATTED-II: a database of co-expressed genes and cis elements for identifying co-regulated gene groups in Arabidopsis. <b>2007</b> , 35, D863-9	319
1601	Reduced expression of nuclear-encoded genes involved in mitochondrial oxidative metabolism in skeletal muscle of insulin-resistant women with polycystic ovary syndrome. <b>2007</b> , 56, 2349-55	135
1600	Comparative high-density microarray analysis of gene expression during growth of Lactobacillus helveticus in milk versus rich culture medium. <b>2007</b> , 73, 2661-72	80
1599	Distinct and shared transcriptomes are regulated by microphthalmia-associated transcription factor isoforms in mast cells. <b>2007</b> , 178, 378-88	35
1598	Differences in expression, affinity, and function of soluble (s)IL-4Ralpha and sIL-13Ralpha2 suggest opposite effects on allergic responses. <b>2007</b> , 179, 6429-38	36
1597	Functional genomic analysis reveals cross-talk between peroxisome proliferator-activated receptor gamma and calcium signaling in human colorectal cancer cells. <b>2007</b> , 282, 23387-401	22
1596	Id1 restrains myeloid commitment, maintaining the self-renewal capacity of hematopoietic stem cells. <b>2007</b> , 104, 1260-5	113
1595	Human endometriosis is associated with plasma cells and overexpression of B lymphocyte stimulator. <b>2007</b> , 104, 12451-6	141
1594	Loss of vacuolar proton-translocating ATPase activity in yeast results in chronic oxidative stress. <b>2007</b> , 282, 7125-36	78

1593	Lymphotoxin pathway and Aire influences on thymic medullary epithelial cells are unconnected. <b>2007</b> , 179, 5693-700	81
1592	Short oligonucleotide probes containing G-stacks display abnormal binding affinity on Affymetrix microarrays. <b>2007</b> , 23, 2566-72	21
1591	Arabidopsis systemic immunity uses conserved defense signaling pathways and is mediated by jasmonates. <b>2007</b> , 104, 1075-80	329
1590	Transcriptional profiling of Bacillus anthracis during infection of host macrophages. <b>2007</b> , 75, 3434-44	67
1589	Global phenotype screening and transcript analysis outlines the inhibitory mode(s) of action of two amphibian-derived, alpha-helical, cationic peptides on Saccharomyces cerevisiae. <b>2007</b> , 51, 3948-59	30
1588	Use of gene expression profiling to identify a novel glucocorticoid sensitivity determining gene, BMPRII. <b>2007</b> , 21, 402-14	56
1587	Tumor vascular proteins as biomarkers in ovarian cancer. <b>2007</b> , 25, 852-61	152
1586	Lenalidomide inhibits the malignant clone and up-regulates the SPARC gene mapping to the commonly deleted region in 5q- syndrome patients. <b>2007</b> , 104, 11406-11	195
1585	Photoperiod reverses the effects of estrogens on male aggression via genomic and nongenomic pathways. <b>2007</b> , 104, 9840-5	85
1584	A genome-wide approach to identify genetic variants that contribute to etoposide-induced cytotoxicity. <b>2007</b> , 104, 9758-63	179
1583	Gyrase inhibitors induce an oxidative damage cellular death pathway in Escherichia coli. <b>2007</b> , 3, 91	327
1582	Fundamental differences in cell cycle deregulation in human papillomavirus-positive and human papillomavirus-negative head/neck and cervical cancers. <b>2007</b> , 67, 4605-19	351
1581	Assessing the significance of chromosomal aberrations in cancer: methodology and application to glioma. <b>2007</b> , 104, 20007-12	812
1580	oneChannelGUI: a graphical interface to Bioconductor tools, designed for life scientists who are not familiar with R language. <b>2007</b> , 23, 3406-8	89
1579	Abdominal obesity in BTBR male mice is associated with peripheral but not hepatic insulin resistance. <b>2007</b> , 292, E936-45	22
1578	1alpha,25-dihydroxy-vitamin D3 stimulation of bronchial smooth muscle cells induces autocrine, contractility, and remodeling processes. <b>2007</b> , 29, 161-8	102
1577	Annotation-based distance measures for patient subgroup discovery in clinical microarray studies. <b>2007</b> , 23, 2256-64	11
1576	Allele-specific chromatin immunoprecipitation studies show genetic influence on chromatin state in human genome. <b>2007</b> , 3, e81	50

1575	Region-specific gene expression profiling along the human epididymis. <b>2007</b> , 13, 691-704	78
1574	Human bronchial epithelial cell transcriptome: gene expression changes following acute exposure to whole cigarette smoke in vitro. <b>2007</b> , 292, L1248-56	76
1573	Conservation of regional gene expression in mouse and human brain. <b>2007</b> , 3, e59	78
1572	Genome-wide expression profiling of the Arabidopsis female gametophyte identifies families of small, secreted proteins. <b>2007</b> , 3, 1848-61	146
1571	Growth hormone regulation of metabolic gene expression in muscle: a microarray study in hypopituitary men. <b>2007</b> , 293, E364-71	42
1570	Transcriptome analysis of <i>Pseudomonas putida</i> KT2440 harboring the completely sequenced IncP-7 plasmid pCAR1. <b>2007</b> , 189, 6849-60	52
1569	Gene expression profiling in lung fibroblasts reveals new players in alveolarization. <b>2007</b> , 32, 128-41	46
1568	Systematic construction of gene coexpression networks with applications to human T helper cell differentiation process. <b>2007</b> , 23, 2096-103	79
1567	Differential gene expression in functional classes of interstitial cells of Cajal in murine small intestine. <b>2007</b> , 31, 492-509	92
1566	Integration of genome and chromatin structure with gene expression profiles to predict c-MYC recognition site binding and function. <b>2007</b> , 3, e63	26
1565	Dystrophin-deficiency increases the susceptibility to doxorubicin-induced cardiotoxicity. <b>2007</b> , 9, 986-94	15
1564	Exposure to arsenic at levels found in U.S. drinking water modifies expression in the mouse lung. <b>2007</b> , 100, 75-87	44
1563	Localization of candidate regions maintaining a common polymorphic inversion (2La) in <i>Anopheles gambiae</i> . <b>2007</b> , 3, e217	67
1562	Genome-level expression profiles in pediatric septic shock indicate a role for altered zinc homeostasis in poor outcome. <b>2007</b> , 30, 146-55	187
1561	Differential expression, distribution, and function of PPAR-gamma in the proximal and distal colon. <b>2007</b> , 30, 342-53	48
1560	Choline kinase down-regulation increases the effect of 5-fluorouracil in breast cancer cells. <b>2007</b> , 67, 11284-90	64
1559	Contrasting infection strategies in generalist and specialist wasp parasitoids of <i>Drosophila melanogaster</i> . <b>2007</b> , 3, 1486-501	155
1558	Assessing the role of particulate matter size and composition on gene expression in pulmonary cells. <b>2007</b> , 19 Suppl 1, 23-8	14

1557	Comparative analysis of microarray normalization procedures: effects on reverse engineering gene networks. <b>2007</b> , 23, i282-8	144
1556	Multivariate correlation estimator for inferring functional relationships from replicated genome-wide data. <b>2007</b> , 23, 2298-305	14
1555	Abscisic acid antagonizes ethylene-induced hyponastic growth in Arabidopsis. <b>2007</b> , 143, 1013-23	51
1554	Systematic order-dependent effect in expression values, variance, detection calls and differential expression in Affymetrix GeneChips. <b>2007</b> , 23, 2873-80	2
1553	Libaffy: software for processing Affymetrix GeneChip data. <b>2007</b> , 23, 1562-4	11
1552	Classification of sarcomas using bioinformatics and molecular profiling. <b>2007</b> , 8, 83-91	2
1551	Responses of the human airway epithelium transcriptome to in vivo injury. <b>2007</b> , 29, 139-48	34
1550	Deconvoluting the intestine: molecular evidence for a major role of the mesenchyme in the modulation of signaling cross talk. <b>2007</b> , 29, 290-301	62
1549	Gene expression and target tissue dose in the rat epidermis after brief JP-8 and JP-8 aromatic and aliphatic component exposures. <b>2007</b> , 97, 569-81	15
1548	Molecular genetic analysis of two loci (Ity2 and Ity3) involved in the host response to infection with Salmonella typhimurium using congenic mice and expression profiling. <b>2007</b> , 177, 1125-39	13
1547	Trans-10, cis-12 conjugated linoleic acid activates the integrated stress response pathway in adipocytes. <b>2007</b> , 31, 544-53	33
1546	Transcriptional profiling of the Arabidopsis embryo. <b>2007</b> , 143, 924-40	109
1545	Essential role of MMP-12 in Fas-induced lung fibrosis. <b>2007</b> , 37, 210-21	102
1544	Perspectives and limitations of microarray-based gene expression profiling of thyroid tumors. <b>2007</b> , 28, 322-38	46
1543	Altered expression of genes involved in regulation of vitamin A metabolism, solute transportation, and cytoskeletal function in the androgen-insensitive tfm mouse testis. <b>2007</b> , 148, 2914-24	50
1542	Estrogen receptors alpha and beta mediate distinct pathways of vascular gene expression, including genes involved in mitochondrial electron transport and generation of reactive oxygen species. <b>2007</b> , 21, 1281-96	143
1541	Sensitivity and Consistency of Affymetrix GeneChip Normalization Methods. <b>2007</b> ,	
1540	Multiple Hypothesis Testing by Clustering Treatment Effects. <b>2007</b> , 102, 517-526	33



1539	Two type III effector genes of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> control the induction of the host genes OsTFIIAgamma1 and OsTFX1 during bacterial blight of rice. <b>2007</b> , 104, 10720-5		155
1538	Improved covariance matrix estimators for weighted analysis of microarray data. <b>2007</b> , 14, 1353-67		4
1537	Microarray analyses of newborn mouse ovaries lacking Nobox. <b>2007</b> , 77, 312-9		106
1536	<i>Arabidopsis</i> transcriptome changes in response to phloem-feeding silverleaf whitefly nymphs. Similarities and distinctions in responses to aphids. <b>2007</b> , 143, 849-65		279
1535	Evolutionary-conserved gene expression response profiles across mammalian tissues. <b>2007</b> , 11, 96-115		6
1534	FGX: a frequentist gene expression index for Affymetrix arrays. <i>Biostatistics</i> , <b>2007</b> , 8, 433-7	3.7	5
1533	Effects of IFN-gamma and Stat1 on gene expression, growth, and survival in non-small cell lung cancer cells. <b>2007</b> , 27, 209-20		11
1532	Mapping barley genes to chromosome arms by transcript profiling of wheat-barley ditelosomic chromosome addition lines. <b>2007</b> , 50, 898-906		30
1531	HOXB4's road map to stem cell expansion. <b>2007</b> , 104, 16952-7		77
1530	RefPlus: an R package extending the RMA Algorithm. <b>2007</b> , 23, 2493-4		35
1529	Gene expression profiling of zebrafish embryonic retinal pigment epithelium in vivo. <b>2007</b> , 48, 881-90		26
1528	Osteoactivin promotes breast cancer metastasis to bone. <b>2007</b> , 5, 1001-14		130
1527	Decidual stromal cell response to paracrine signals from the trophoblast: amplification of immune and angiogenic modulators. <b>2007</b> , 76, 102-17		229
1526	Mapping quantitative trait loci for expression abundance. <b>2007</b> , 176, 611-23		62
1525	Novel estrogen receptor-alpha binding sites and estradiol target genes identified by chromatin immunoprecipitation cloning in breast cancer. <b>2007</b> , 67, 5017-24		70
1524	Defining genomic islands and uropathogen-specific genes in uropathogenic <i>Escherichia coli</i> . <b>2007</b> , 189, 3532-46		175
1523	Unrestricted C3 activation occurs in Crry-deficient kidneys and rapidly leads to chronic renal failure. <b>2007</b> , 18, 811-22		47
1522	Adjusting batch effects in microarray expression data using empirical Bayes methods. <i>Biostatistics</i> , <b>2007</b> , 8, 118-27	3.7	4150

1521	Improving comparability between microarray probe signals by thermodynamic intensity correction. <b>2007</b> , 35, e48	19
1520	The global transcriptional responses of <i>Bacillus anthracis</i> Sterne (34F2) and a Delta <i>sodA1</i> mutant to paraquat reveal metal ion homeostasis imbalances during endogenous superoxide stress. <b>2007</b> , 189, 3996-4013	40
1519	Flexible empirical Bayes models for differential gene expression. <b>2007</b> , 23, 328-35	46
1518	Effect of in vitro fertilization on gene expression and development of mouse preimplantation embryos. <b>2007</b> , 134, 63-72	131
1517	A systematic strategy for large-scale analysis of genotype phenotype correlations: identification of candidate genes involved in African trypanosomiasis. <b>2007</b> , 35, 5625-33	47
1516	Complement induction in spinal cord microglia results in anaphylatoxin C5a-mediated pain hypersensitivity. <b>2007</b> , 27, 8699-708	176
1515	Positive selection at the protein network periphery: evaluation in terms of structural constraints and cellular context. <b>2007</b> , 104, 20274-9	111
1514	Candidate genes that determine response to salt in the stroke-prone spontaneously hypertensive rat: congenic analysis. <b>2007</b> , 50, 1134-41	41
1513	Characterization of mismatch and high-signal intensity probes associated with Affymetrix genechips. <b>2007</b> , 23, 2088-95	20
1512	Ectopic expression of vascular cell adhesion molecule-1 as a new mechanism for tumor immune evasion. <b>2007</b> , 67, 1832-41	69
1511	Differential gene expression profile in omental adipose tissue in women with polycystic ovary syndrome. <b>2007</b> , 92, 328-37	126
1510	A comparison of background correction methods for two-colour microarrays. <b>2007</b> , 23, 2700-7	741
1509	Analysis of potential transcriptomic biomarkers for Huntington's disease in peripheral blood. <b>2007</b> , 104, 14424-9	104
1508	Plant cell wall degradation by saprophytic <i>Bacillus subtilis</i> strains: gene clusters responsible for rhamnogalacturonan depolymerization. <b>2007</b> , 73, 3803-13	57
1507	Extending the pathway analysis framework with a test for transcriptional variance implicates novel pathway modulation during myogenic differentiation. <b>2007</b> , 23, 1356-62	6
1506	A microarray analysis for differential gene expression in the soybean genome using Bioconductor and R. <b>2007</b> , 8, 415-31	33
1505	Gene expression signatures for tumor progression, tumor subtype, and tumor thickness in laser-microdissected melanoma tissues. <b>2007</b> , 13, 806-15	189
1504	Loss of polyadenylation protein tauCstF-64 causes spermatogenic defects and male infertility. <b>2007</b> , 104, 20374-9	71

1503	Integrating transcription factor binding site information with gene expression datasets. <b>2007</b> , 23, 298-305	28
1502	Tbx3 is a downstream target of the Wnt/beta-catenin pathway and a critical mediator of beta-catenin survival functions in liver cancer. <b>2007</b> , 67, 901-10	127
1501	Mutant huntingtin's effects on striatal gene expression in mice recapitulate changes observed in human Huntington's disease brain and do not differ with mutant huntingtin length or wild-type huntingtin dosage. <b>2007</b> , 16, 1845-61	271
1500	Expression of the protein phosphatase 1 inhibitor KEPI is downregulated in breast cancer cell lines and tissues and involved in the regulation of the tumor suppressor EGR1 via the MEK-ERK pathway. <b>2007</b> , 388, 489-95	12
1499	High copper selectively alters lipid metabolism and cell cycle machinery in the mouse model of Wilson disease. <b>2007</b> , 282, 8343-55	160
1498	PLASQ: a generalized linear model-based procedure to determine allelic dosage in cancer cells from SNP array data. <i>Biostatistics</i> , <b>2007</b> , 8, 323-36	3-7 45
1497	Multiple gene expression classifiers from different array platforms predict poor prognosis of colorectal cancer. <b>2007</b> , 13, 498-507	108
1496	Differential expression of interferon (IFN) regulatory factors and IFN-stimulated genes at early times after West Nile virus infection of mouse embryo fibroblasts. <b>2007</b> , 81, 12005-18	40
1495	Integrated profiling of basal and luminal breast cancers. <b>2007</b> , 67, 11565-75	232
1494	Differential expression of drug-resistance-related genes between sensitive and resistant blasts in acute myeloid leukemia. <b>2007</b> , 117, 8-15	33
1493	Transcriptome of angiotensin 1-activated human umbilical vein endothelial cells. <b>2007</b> , 14, 285-302	14
1492	Using DNA microarrays to study gene expression in closely related species. <b>2007</b> , 23, 1235-42	57
1491	COXPRESdb: a database of coexpressed gene networks in mammals. <b>2008</b> , 36, D77-82	105
1490	Evaluation in mammalian oocytes of gene transcripts linked to epigenetic reprogramming. <b>2007</b> , 134, 549-58	28
1489	Chromosomal rearrangement interferes with meiotic X chromosome inactivation. <b>2007</b> , 17, 1431-7	75
1488	Metabolic characterization of Escherichia coli strains adapted to growth on lactate. <b>2007</b> , 73, 4639-47	48
1487	A statistical framework for expression quantitative trait loci mapping. <b>2007</b> , 177, 761-71	21
1486	Patient gender is associated with distinct patterns of chromosomal abnormalities and sex chromosome linked gene-expression profiles in meningiomas. <b>2007</b> , 12, 1225-36	32

1485	A multi-gene approach to differentiate papillary thyroid carcinoma from benign lesions: gene selection using support vector machines with bootstrapping. <b>2007</b> , 14, 809-26	58
1484	Distinct ErbB-2 coupled signaling pathways promote mammary tumors with unique pathologic and transcriptional profiles. <b>2007</b> , 67, 7579-88	23
1483	Identification of an integrated SV40 T/t-antigen cancer signature in aggressive human breast, prostate, and lung carcinomas with poor prognosis. <b>2007</b> , 67, 8065-80	90
1482	Prolonged exposure to reduced levels of androgen accelerates prostate cancer progression in Nkx3.1; Pten mutant mice. <b>2007</b> , 67, 9089-96	71
1481	Specific transcriptional changes in human fetuses with autosomal trisomies. <b>2007</b> , 119, 171-84	60
1480	Gene expression and functional evidence of epithelial-to-mesenchymal transition in papillary thyroid carcinoma invasion. <b>2007</b> , 104, 2803-8	256
1479	Human X-box binding protein-1 confers both estrogen independence and antiestrogen resistance in breast cancer cell lines. <b>2007</b> , 21, 4013-27	149
1478	A multi-array multi-SNP genotyping algorithm for Affymetrix SNP microarrays. <b>2007</b> , 23, 1459-67	34
1477	Individual matrix metalloproteinases control distinct transcriptional responses in airway epithelial cells infected with <i>Pseudomonas aeruginosa</i> . <b>2007</b> , 75, 5640-50	59
1476	Identification of apoptotic genes mediating TGF-beta/Smad3-induced cell death in intestinal epithelial cells using a genomic approach. <b>2007</b> , 292, G28-38	21
1475	A statistical framework for the analysis of microarray probe-level data. <b>2007</b> , 1, 333	19
1474	Transcriptomic analysis of the cardiac left ventricle in a rodent model of diabetic cardiomyopathy: molecular snapshot of a severe myocardial disease. <b>2007</b> , 28, 284-93	22
1473	Differences in lymphocyte electron transport gene expression levels between subjects with bipolar disorder and normal controls in response to glucose deprivation stress. <b>2007</b> , 64, 555-64	72
1472	Transcriptome analysis of trichothecene-induced gene expression in barley. <b>2007</b> , 20, 1364-75	94
1471	Mutation of Lon protease differentially affects the expression of <i>Pseudomonas syringae</i> type III secretion system genes in rich and minimal media and reduces pathogenicity. <b>2007</b> , 20, 682-96	35
1470	[Toxicogenomics as a tool for evaluation of chemical effects]. <b>2007</b> , 127, 1967-74	3
1469	Pre-TCR expression cooperates with TEL-JAK2 to transform immature thymocytes and induce T-cell leukemia. <b>2007</b> , 109, 3972-81	27
1468	Early acquisition of cytolytic function and transcriptional changes in a primary CD8+ T-cell response in vivo. <b>2007</b> , 109, 1086-94	15

1467	Interferon regulatory factor 3-dependent responses to lipopolysaccharide are selectively blunted in cord blood cells. <b>2007</b> , 109, 2887-93	78
1466	Gene-expression profiling of systemic anaplastic large-cell lymphoma reveals differences based on ALK status and two distinct morphologic ALK+ subtypes. <b>2007</b> , 109, 2156-64	156
1465	Connective tissue growth factor (CTGF) expression and outcome in adult patients with acute lymphoblastic leukemia. <b>2007</b> , 109, 3080-3	55
1464	The gene expression profile of nodal peripheral T-cell lymphoma demonstrates a molecular link between angioimmunoblastic T-cell lymphoma (AITL) and follicular helper T (TFH) cells. <b>2007</b> , 109, 4952-63	445
1463	Identification of genomic classifiers that distinguish induction failure in T-lineage acute lymphoblastic leukemia: a report from the Children's Oncology Group. <b>2007</b> , 110, 1429-38	41
1462	Interaction between sleep and the immune response in <i>Drosophila</i> : a role for the NFkappaB relish. <b>2007</b> , 30, 389-400	89
1461	Variability of DNA Microarray Gene Expression Profiles in Cultured Rat Primary Hepatocytes. <b>2007</b> , 1, 117762500700100	
1460	Gender-specific differences in expression in human lymphoblastoid cell lines. <b>2007</b> , 17, 447-50	28
1459	Gene expression profiling of Epstein-Barr virus-positive and -negative monomorphic B-cell posttransplant lymphoproliferative disorders. <b>2007</b> , 16, 158-68	64
1458	Global expression analysis of prostate cancer-associated stroma and epithelia. <b>2007</b> , 16, 189-97	47
1457	Angiogenesis soluble factors as hepatocellular carcinoma noninvasive markers for monitoring hepatitis C virus cirrhotic patients awaiting liver transplantation. <b>2007</b> , 84, 1262-71	48
1456	Changes in breast cancer transcriptional profiles after treatment with the aromatase inhibitor, letrozole. <b>2007</b> , 17, 813-26	82
1455	Molecular signatures of trauma-hemorrhagic shock-induced lung injury: hemorrhage- and injury-associated genes. <b>2007</b> , 28, 360-8	11
1454	Genes associated with progression and recurrence of hepatocellular carcinoma in hepatitis C patients waiting and undergoing liver transplantation: preliminary results. <b>2007</b> , 83, 973-81	22
1453	Combination of high-resolution magic angle spinning proton magnetic resonance spectroscopy and microscale genomics to type brain tumor biopsies. <b>2007</b> ,	4
1452	Three methods for optimization of cross-laboratory and cross-platform microarray expression data. <b>2007</b> , 35, e72	37
1451	Effects of rifampicin on global gene expression in human small intestine. <b>2007</b> , 17, 907-18	20
1450	Identification of differentially expressed genes and false discovery rate in microarray studies. <b>2007</b> , 18, 187-93	31

1449	Identifying synergistic regulation involving c-Myc and sp1 in human tissues. <b>2007</b> , 35, 1098-107	25
1448	Transcriptome profiling of the <i>C. elegans</i> Rb ortholog reveals diverse developmental roles. <b>2007</b> , 305, 674-84	52
1447	Gene expression profiling in the adult Down syndrome brain. <b>2007</b> , 90, 647-60	172
1446	Robust gene expression with amplified RNA from biopsy-sized human heart tissue. <b>2007</b> , 42, 260-4	8
1445	Gene expression signals involved in ischemic injury, extracellular matrix composition and fibrosis defined by global mRNA profiling of the human left ventricular myocardium. <b>2007</b> , 42, 870-83	72
1444	Toxicogenomics in the assessment of immunotoxicity. <b>2007</b> , 41, 132-41	28
1443	Elucidation of the phenotypic, functional, and molecular topography of a myeloerythroid progenitor cell hierarchy. <b>2007</b> , 1, 428-42	456
1442	Comparative transcriptome analysis of salt-tolerant wheat germplasm lines using wheat genome arrays. <b>2007</b> , 173, 327-339	37
1441	Isolation rearing and hyperlocomotion are associated with reduced immediate early gene expression levels in the medial prefrontal cortex. <b>2007</b> , 145, 42-55	56
1440	Arabidopsis cytochrome P450 monooxygenase 71A13 catalyzes the conversion of indole-3-acetaldoxime in camalexin synthesis. <b>2007</b> , 19, 2039-52	259
1439	Dose- and time-dependent changes in gene expression in human glioma cells after low radiation doses. <b>2007</b> , 168, 199-208	11
1438	Transactivation of miR-34a by p53 broadly influences gene expression and promotes apoptosis. <b>2007</b> , 26, 745-52	1696
1437	BMP-4 treatment of C3H10T1/2 stem cells blocks expression of MMP-3 and MMP-13. <b>2007</b> , 353, 1097-104	24
1436	Estrogen-related receptor alpha is essential for the expression of antioxidant protection genes and mitochondrial function. <b>2007</b> , 357, 231-6	53
1435	Effect of highly purified human chorionic gonadotropin preparations on the gene expression signature of stromal cells derived from endometriotic lesions: potential mechanisms for the therapeutic effect of human chorionic gonadotropin in vivo. <b>2007</b> , 88, 1232-9	9
1434	Gene expression shifts during perithecium development in <i>Gibberella zeae</i> (anamorph <i>Fusarium graminearum</i> ), with particular emphasis on ion transport proteins. <b>2007</b> , 44, 1146-56	71
1433	Microarray analysis identifies keratin loci as sensitive biomarkers for thyroid hormone disruption in the salamander <i>Ambystoma mexicanum</i> . <b>2007</b> , 145, 15-27	19
1432	NEDD4-1 is a proto-oncogenic ubiquitin ligase for PTEN. <b>2007</b> , 128, 129-39	524

1431	Expression analysis of the acute phase response in channel catfish ( <i>Ictalurus punctatus</i> ) after infection with a Gram-negative bacterium. <b>2007</b> , 31, 1183-96		157
1430	DNA microarray analysis reveals a role for lysophosphatidic acid in the regulation of anti-inflammatory genes in MC3T3-E1 cells. <b>2007</b> , 41, 833-41		13
1429	A new approach to intensity-dependent normalization of two-channel microarrays. <i>Biostatistics</i> , <b>2007</b> , 8, 128-39	3.7	20
1428	Aromatase inhibitors--gene discovery. <b>2007</b> , 106, 130-42		22
1427	Application of Bayesian networks for inferring cause-effect relations from gene expression profiles of cancer versus normal cells. <b>2007</b> , 209, 528-46		9
1426	Neurotransmitter phenotype-specific expression changes in developing sympathetic neurons. <b>2007</b> , 35, 397-408		15
1425	Transcriptional responses in spleens from mice exposed to <i>Yersinia pestis</i> CO92. <b>2007</b> , 43, 67-77		14
1424	Evolutionarily conserved multisubunit RBL2/p130 and E2F4 protein complex represses human cell cycle-dependent genes in quiescence. <b>2007</b> , 26, 539-51		286
1423	Effects of melatonin and age on gene expression in mouse CNS using microarray analysis. <b>2007</b> , 50, 336-44		33
1422	Performance of different small sample RNA amplification techniques for hybridization on Affymetrix GeneChips. <b>2007</b> , 129, 628-34		6
1421	Identification of genetic variants contributing to cisplatin-induced cytotoxicity by use of a genome-wide approach. <b>2007</b> , 81, 427-37		159
1420	Identification of markers to characterize and sort human articular chondrocytes with enhanced in vitro chondrogenic capacity. <b>2007</b> , 56, 586-95		100
1419	Transcriptional profiles in melanocytes from clinically unaffected skin distinguish the neoplastic growth pattern in patients with melanoma. <b>2007</b> , 156, 62-71		9
1418	Anti-inflammatory agent indomethacin reduces invasion and alters metabolism in a human breast cancer cell line. <b>2007</b> , 9, 222-35		47
1417	GeneChip analysis of human embryonic stem cell differentiation into hemangioblasts: an in silico dissection of mixed phenotypes. <b>2007</b> , 8, R240		23
1416	Reversible and permanent effects of tobacco smoke exposure on airway epithelial gene expression. <b>2007</b> , 8, R201		169
1415	Model-based analysis of two-color arrays (MA2C). <b>2007</b> , 8, R178		91
1414	Estimation and correction of non-specific binding in a large-scale spike-in experiment. <b>2007</b> , 8, R126		15

1413	Correcting for sequence biases in present/absent calls. <b>2007</b> , 8, R125	25
1412	Towards the uniform distribution of null P values on Affymetrix microarrays. <b>2007</b> , 8, R69	25
1411	An annotation infrastructure for the analysis and interpretation of Affymetrix exon array data. <b>2007</b> , 8, R79	38
1410	Gene expression analysis of nuclear factor I-A deficient mice indicates delayed brain maturation. <b>2007</b> , 8, R72	30
1409	Exon arrays provide accurate assessments of gene expression. <b>2007</b> , 8, R82	98
1408	Characterizing the expression of the human olfactory receptor gene family using a novel DNA microarray. <b>2007</b> , 8, R86	136
1407	Global analyses of mRNA translational control during early Drosophila embryogenesis. <b>2007</b> , 8, R63	68
1406	Normalization of two-channel microarrays accounting for experimental design and intensity-dependent relationships. <b>2007</b> , 8, R44	19
1405	Normalization of boutique two-color microarrays with a high proportion of differentially expressed probes. <b>2007</b> , 8, R2	54
1404	Topics in Biostatistics. <b>2007</b> ,	12
1403	Bioinformatics. <b>2007</b> ,	1
1402	Tumor Necrosis Factor-alpha- and interleukin-1-induced cellular responses: coupling proteomic and genomic information. <b>2007</b> , 6, 2176-85	23
1401	Stem Cell Assays. <b>2007</b> ,	1
1400	Silencing of cyclooxygenase-2 inhibits metastasis and delays tumor onset of poorly differentiated metastatic breast cancer cells. <b>2007</b> , 5, 435-42	48
1399	Macromolecule biosynthesis: a key function of sleep. <b>2007</b> , 31, 441-57	254
1398	Mathematical Modeling of Biological Systems, Volume I. <b>2007</b> ,	8
1397	An integrated genomic-based approach to individualized treatment of patients with advanced-stage ovarian cancer. <b>2007</b> , 25, 517-25	222
1396	Global effects of the cell-to-cell signaling molecules autoinducer-2, autoinducer-3, and epinephrine in a luxS mutant of enterohemorrhagic Escherichia coli. <b>2007</b> , 75, 4875-84	96



1395	Maternal immune activation alters fetal brain development through interleukin-6. <b>2007</b> , 27, 10695-702	1082
1394	Comparison of statistical performance of univariate and bivariate mixed models for Affymetrix <sup>®</sup> probe level data. <b>2007</b> , 77, 251-264	
1393	Semiparametric RMA Background-Correction for Oligonucleotide Arrays. <b>2007</b> ,	
1392	Emmprin and survivin predict response and survival following cisplatin-containing chemotherapy in patients with advanced bladder cancer. <b>2007</b> , 13, 4407-14	158
1391	Detecting Differential Expressions in GeneChip Microarray Studies. <b>2007</b> , 102, 104-112	50
1390	Challenges in DNA microarray studies from the regulatory perspective. <b>2008</b> , 18, 183-202	4
1389	Transcriptional profiling of mucociliary differentiation in human airway epithelial cells. <b>2007</b> , 37, 169-85	183
1388	A distribution free summarization method for Affymetrix GeneChip arrays. <b>2007</b> , 23, 321-7	76
1387	Increased inflammatory properties of adipose tissue macrophages recruited during diet-induced obesity. <b>2007</b> , 56, 16-23	779
1386	PANP - a New Method of Gene Detection on Oligonucleotide Expression Arrays. <b>2007</b> ,	13
1385	Research in Computational Molecular Biology. <b>2007</b> ,	1
1384	Changes in gene expression profiles in response to selenium supplementation among individuals with arsenic-induced pre-malignant skin lesions. <b>2007</b> , 169, 162-76	38
1383	Complete gene expression profiling of <i>Saccharopolyspora erythraea</i> using GeneChip DNA microarrays. <b>2007</b> , 6, 37	23
1382	Integrative analysis of a cancer somatic mutome. <b>2007</b> , 6, 13	20
1381	Molecular signatures define two main classes of meningiomas. <b>2007</b> , 6, 64	54
1380	Clinical relevance of neutral endopeptidase (NEP/CD10) in melanoma. <b>2007</b> , 5, 2	25
1379	Constitutive gene expression predisposes morphogen-mediated cell fate responses of NT2/D1 and 27X-1 human embryonal carcinoma cells. <b>2007</b> , 25, 771-8	10
1378	Transcription profiling of adult and fetal human neuroprogenitors identifies divergent paths to maintain the neuroprogenitor cell state. <b>2007</b> , 25, 1231-40	51

1377	Transcriptional profiling of bipotential embryonic liver cells to identify liver progenitor cell surface markers. <b>2007</b> , 25, 2476-87	28
1376	SNPs on chips: the hidden genetic code in expression arrays. <b>2007</b> , 61, 13-6	23
1375	Molecular evidence for increased expression of genes related to immune and chaperone function in the prefrontal cortex in schizophrenia. <b>2007</b> , 62, 711-21	262
1374	TPD52 and NFKB1 gene expression levels correlate with G2 chromosomal radiosensitivity in lymphocytes of women with and at risk of hereditary breast cancer. <b>2007</b> , 83, 409-20	12
1373	Novel Crohn disease locus identified by genome-wide association maps to a gene desert on 5p13.1 and modulates expression of PTGER4. <b>2007</b> , 3, e58	435
1372	Comparison of protein and mRNA expression evolution in humans and chimpanzees. <b>2007</b> , 2, e216	59
1371	Sequence polymorphisms cause many false cis eQTLs. <b>2007</b> , 2, e622	105
1370	Functional Associations by Response Overlap (FARO), a functional genomics approach matching gene expression phenotypes. <b>2007</b> , 2, e676	15
1369	An "Electronic Fluorescent Pictograph" browser for exploring and analyzing large-scale biological data sets. <b>2007</b> , 2, e718	1796
1368	Significant and systematic expression differentiation in long-lived yeast strains. <b>2007</b> , 2, e1095	18
1367	Rapid changes in gene expression dynamics in response to superoxide reveal SoxRS-dependent and independent transcriptional networks. <b>2007</b> , 2, e1186	93
1366	Fatty acid desaturase regulation in adipose tissue by dietary composition is independent of weight loss and is correlated with the plasma triacylglycerol response. <b>2007</b> , 86, 759-67	41
1365	A mixture model approach to multiple testing for the genetic analysis of gene expression. <b>2007</b> , 1 Suppl 1, S141	5
1364	Impact of normalization and filtering on linkage analysis of gene expression data. <b>2007</b> , 1 Suppl 1, S150	2
1363	Normalization of microarray expression data using within-pedigree pool and its effect on linkage analysis. <b>2007</b> , 1 Suppl 1, S152	7
1362	Impact of gene expression data pre-processing on expression quantitative trait locus mapping. <b>2007</b> , 1 Suppl 1, S153	2
1361	Different normalization strategies for microarray gene expression traits affect the heritability estimation. <b>2007</b> , 1 Suppl 1, S154	5
1360	Effects on linkage analyses of different Affymetrix expression measures as quantitative trait phenotypes. <b>2007</b> , 1 Suppl 1, S158	1

1359	The breast of parous women without cancer has a different genomic profile compared to those with cancer. <b>2007</b> ,	
1358	Integrative genomic analysis reveals distinct transcriptional and genetic features associated with chromosome 13 deletion in multiple myeloma. <b>2007</b> , 92, 56-65	33
1357	Unique gene expression profiles of donor-matched human retinal and choroidal vascular endothelial cells. <b>2007</b> , 48, 2676-84	46
1356	Gene expression analysis of photoreceptor cell loss in bbs4-knockout mice reveals an early stress gene response and photoreceptor cell damage. <b>2007</b> , 48, 3329-40	44
1355	Pseudo-precision in gene expression values can reduce efficiency. <b>2007</b> , 46, 538-41	1
1354	Genome-level longitudinal expression of signaling pathways and gene networks in pediatric septic shock. <b>2007</b> , 13, 495-508	104
1353	A statistical analysis of memory CD8 T cell differentiation: An application of a hierarchical state space model to a short time course microarray experiment. <b>2007</b> , 1,	8
1352	Estudos de expressão gênica utilizando-se microarrays: delineamento, análise, e aplicações na pesquisa zootécnica. <b>2007</b> , 36, 186-209	0
1351	Cell-free Embryonic Stem Cell Extract-mediated Derivation of Multi-potent Stem Cells from NIH3T3 Fibroblasts for Functional and Anatomical Ischemic Tissue Repair. <b>2007</b> ,	
1350	. <b>2007</b> ,	5
1349	Evaluation of Target Preparation Methods for Single-Feature Polymorphism Detection in Large Complex Plant Genomes. <b>2007</b> , 47, S-135	32
1348	Clustering of Microarray Data via Mixture Models. 365-383	
1347	A Comparison of Methods for Meta-Analysis of Gene Expression Data. 325-339	
1346	Understanding signaling in yeast: Insights from network analysis. <b>2007</b> , 97, 1246-58	23
1345	Altered gene expression in mice with lupus treated with edratide, a peptide that ameliorates the disease manifestations. <b>2007</b> , 56, 2371-81	11
1344	Dysregulation of X-linked gene expression in Klinefelter's syndrome and association with verbal cognition. <b>2007</b> , 144B, 728-34	61
1343	Disruption of cerebral cortex MET signaling in autism spectrum disorder. <b>2007</b> , 62, 243-50	151
1342	Relevance of Ras gene mutations in the context of the molecular heterogeneity of multiple myeloma. <b>2007</b> , 25, 6-10	6

1341	Methylseleninic acid enhances the effect of etoposide to inhibit prostate cancer growth in vivo. <b>2007</b> , 121, 1197-204	7
1340	A gene expression signature associated with metastatic cells in effusions of breast carcinoma patients. <b>2007</b> , 121, 1036-46	23
1339	Moesin expression is a marker of basal breast carcinomas. <b>2007</b> , 121, 1779-85	63
1338	Neural precursor cells from a fatal human motoneuron disease differentiate despite aberrant gene expression. <b>2007</b> , 67, 270-84	8
1337	Identification of novel genes expressed during mouse tooth development by microarray gene expression analysis. <b>2007</b> , 236, 2245-57	19
1336	Summary of contributions to GAW15 Group 16: processing/normalization of expression traits. <b>2007</b> , 31 Suppl 1, S132-8	1
1335	Molecular characterization of human multiple myeloma cell lines by integrative genomics: insights into the biology of the disease. <b>2007</b> , 46, 226-38	57
1334	Candidate glioblastoma development gene identification using concordance between copy number abnormalities and gene expression level changes. <b>2007</b> , 46, 875-94	26
1333	Molecular description of a 3D in vitro model for the study of epithelial ovarian cancer (EOC). <b>2007</b> , 46, 872-85	165
1332	Software note: using probe secondary structure information to enhance Affymetrix GeneChip background estimates. <b>2007</b> , 31, 92-8	10
1331	Functional gene expression differences between inbred alcohol-preferring and -non-preferring rats in five brain regions. <b>2007</b> , 41, 95-132	98
1330	Global gene expression profiling of PAX-FKHR fusion-positive alveolar and PAX-FKHR fusion-negative embryonal rhabdomyosarcomas. <b>2007</b> , 212, 143-51	97
1329	Gain and overexpression of the oncostatin M receptor occur frequently in cervical squamous cell carcinoma and are associated with adverse clinical outcome. <b>2007</b> , 212, 325-34	36
1328	Characterization of the RSL1-dependent conditional expression system in LNCaP prostate cancer cells and development of a single vector format. <b>2007</b> , 67, 808-19	13
1327	Transcriptional networks of knockout cell lines identify functional specificities of H-Ras and N-Ras: significant involvement of N-Ras in biotic and defense responses. <b>2007</b> , 26, 917-33	28
1326	Identifying candidate colon cancer tumor suppressor genes using inhibition of nonsense-mediated mRNA decay in colon cancer cells. <b>2007</b> , 26, 2873-84	74
1325	Effective use of microarrays in neuroendocrine research. <b>2007</b> , 19, 145-61	4
1324	EVE (external variance estimation) increases statistical power for detecting differentially expressed genes. <b>2007</b> , 52, 561-9	5

1323	Zinc in plants. <b>2007</b> , 173, 677-702	1250
1322	Pericytes of human skeletal muscle are myogenic precursors distinct from satellite cells. <b>2007</b> , 9, 255-67	791
1321	A genome-wide association study of global gene expression. <b>2007</b> , 39, 1202-7	801
1320	Activation of the lectin DC-SIGN induces an immature dendritic cell phenotype triggering Rho-GTPase activity required for HIV-1 replication. <b>2007</b> , 8, 569-77	161
1319	T-, B- and NK-lymphoid, but not myeloid cells arise from human CD34(+)CD38(-)CD7(+) common lymphoid progenitors expressing lymphoid-specific genes. <b>2007</b> , 21, 311-9	58
1318	Ectopic retroviral expression of LMO2, but not IL2Rgamma, blocks human T-cell development from CD34+ cells: implications for leukemogenesis in gene therapy. <b>2007</b> , 21, 754-63	66
1317	HTLV-I infection of WE17/10 CD4+ cell line leads to progressive alteration of Ca2+ influx that eventually results in loss of CD7 expression and activation of an antiapoptotic pathway involving AKT and BAD which paves the way for malignant transformation. <b>2007</b> , 21, 788-96	16
1316	Rhythmic growth explained by coincidence between internal and external cues. <b>2007</b> , 448, 358-61	515
1315	Genetic variants regulating ORMDL3 expression contribute to the risk of childhood asthma. <b>2007</b> , 448, 470-3	1201
1314	LKB1 modulates lung cancer differentiation and metastasis. <b>2007</b> , 448, 807-10	774
1313	Genome wide copy number abnormalities in pediatric medulloblastomas as assessed by array comparative genome hybridization. <b>2007</b> , 17, 282-96	31
1312	Editorial: Knowledge from information. <b>2007</b> , 170, 513-516	
1311	Neural crest and mesoderm lineage-dependent gene expression in orofacial development. <b>2007</b> , 75, 463-77	38
1310	Molecular markers distinguishing supragranular and infragranular layers in the human prefrontal cortex. <b>2007</b> , 25, 1843-54	47
1309	Using gene chips to identify organ-specific, smooth muscle responses to experimental diabetes: potential applications to urological diseases. <b>2007</b> , 99, 418-430	25
1308	Expression pattern of genes in peripheral blood mononuclear cells in diabetic nephropathy. <b>2007</b> , 24, 266-71	8
1307	Gene expression polymorphism in Drosophila populations. <b>2007</b> , 16, 1179-89	17
1306	Identification of a transcriptional regulator that controls intracellular gene expression in Salmonella Typhi. <b>2007</b> , 64, 1549-61	21

1305	The essential YycFG two-component system controls cell wall metabolism in <i>Bacillus subtilis</i> . <b>2007</b> , 65, 180-200	143
1304	The <i>Bacteroides fragilis</i> transcriptome response to oxygen and H <sub>2</sub> O <sub>2</sub> : the role of OxyR and its effect on survival and virulence. <b>2008</b> , 67, 129-42	82
1303	Upregulation of translational machinery and distinct genetic subgroups characterise hyperdiploidy in multiple myeloma. <b>2007</b> , 136, 565-73	61
1302	Leukaemia-related gene expression in bone marrow cells from patients with the preleukaemic disorder Shwachman-Diamond syndrome. <b>2007</b> , 137, 537-44	26
1301	High expression of connective tissue growth factor in pre-B acute lymphoblastic leukaemia. <b>2007</b> , 138, 740-8	28
1300	Gene expression profiling of CD34+ cells in patients with the 5q- syndrome. <b>2007</b> , 139, 578-89	130
1299	A high-performance, small-scale microarray for expression profiling of many samples in <i>Arabidopsis</i> -pathogen studies. <b>2007</b> , 49, 565-77	45
1298	Mitochondrial type-I prohibitins of <i>Arabidopsis thaliana</i> are required for supporting proficient meristem development. <b>2007</b> , 52, 850-64	103
1297	Identification of a predictive gene expression signature of cervical lymph node metastasis in oral squamous cell carcinoma. <b>2007</b> , 98, 740-6	61
1296	Monitoring gene changes during antiepileptic drug therapy to widen the safety window and reduce pharmacoresistance. <b>2007</b> , 48 Suppl 1, 19-25	4
1295	Identification of candidate genes for alcohol preference by expression profiling of congenic rat strains. <b>2007</b> , 31, 1089-98	34
1294	<i>Arabidopsis thaliana</i> plants acclimated to low dose rates of ultraviolet B radiation show specific changes in morphology and gene expression in the absence of stress symptoms. <b>2007</b> , 175, 255-270	151
1293	<i>Bdnf</i> gene is a downstream target of Nurr1 transcription factor in rat midbrain neurons in vitro. <b>2007</b> , 102, 441-53	64
1292	Transcriptome analysis reveals altered cholesterol metabolism during the neurodegeneration in mouse scrapie model. <b>2007</b> , 102, 834-47	38
1291	Hippocampal gene expression profiling reveals the possible involvement of Homer1 and GABA(B) receptors in scopolamine-induced amnesia. <b>2007</b> , 102, 1978-1989	28
1290	Altered gene expression in mice selected for high maternal aggression. <b>2007</b> , 6, 432-43	32
1289	Selection for contextual fear conditioning affects anxiety-like behaviors and gene expression. <b>2007</b> , 6, 736-49	75
1288	Gene expression profiling of nonhuman primates exposed to aerosolized Venezuelan equine encephalitis virus. <b>2007</b> , 51, 462-72	17

1287	Assessing differential gene expression with small sample sizes in oligonucleotide arrays using a mean-variance model. <b>2007</b> , 63, 41-9	18
1286	Proximity model for expression quantitative trait loci (eQTL) detection. <b>2007</b> , 63, 1108-16	14
1285	Transcript-based redefinition of grouped oligonucleotide probe sets using AceView: high-resolution annotation for microarrays. <b>2007</b> , 8, 108	45
1284	Pre-processing Agilent microarray data. <b>2007</b> , 8, 142	146
1283	Analysis of probe level patterns in Affymetrix microarray data. <b>2007</b> , 8, 146	9
1282	Establishing a major cause of discrepancy in the calibration of Affymetrix GeneChips. <b>2007</b> , 8, 195	13
1281	The utility of MAS5 expression summary and detection call algorithms. <b>2007</b> , 8, 273	122
1280	AffyMAPSDetector: a software tool to characterize Affymetrix GeneChip expression arrays with respect to SNPs. <b>2007</b> , 8, 276	13
1279	A latent variable approach for meta-analysis of gene expression data from multiple microarray experiments. <b>2007</b> , 8, 364	44
1278	Weighted analysis of general microarray experiments. <b>2007</b> , 8, 387	13
1277	Prediction potential of candidate biomarker sets identified and validated on gene expression data from multiple datasets. <b>2007</b> , 8, 415	20
1276	BGX: a Bioconductor package for the Bayesian integrated analysis of Affymetrix GeneChips. <b>2007</b> , 8, 439	17
1275	Application of a correlation correction factor in a microarray cross-platform reproducibility study. <b>2007</b> , 8, 447	6
1274	In situ analysis of cross-hybridisation on microarrays and the inference of expression correlation. <b>2007</b> , 8, 461	55
1273	Improved precision and accuracy for microarrays using updated probe set definitions. <b>2007</b> , 8, 48	130
1272	Significance analysis of microarray transcript levels in time series experiments. <b>2007</b> , 8 Suppl 1, S10	24
1271	Cross platform microarray analysis for robust identification of differentially expressed genes. <b>2007</b> , 8 Suppl 1, S5	45
1270	Putative null distributions corresponding to tests of differential expression in the Golden Spike dataset are intensity dependent. <b>2007</b> , 8, 105	14

1269	Selection of DDX5 as a novel internal control for Q-RT-PCR from microarray data using a block bootstrap re-sampling scheme. <b>2007, 8, 140</b>	241
1268	Tissue-specific mRNA expression profiling in grape berry tissues. <b>2007, 8, 187</b>	175
1267	Optimising the analysis of transcript data using high density oligonucleotide arrays and genomic DNA-based probe selection. <b>2007, 8, 344</b>	9
1266	Gene expression profiling of long-lived dwarf mice: longevity-associated genes and relationships with diet, gender and aging. <b>2007, 8, 353</b>	63
1265	Gene profile analysis of osteoblast genes differentially regulated by histone deacetylase inhibitors. <b>2007, 8, 362</b>	51
1264	Experimental optimization of probe length to increase the sequence specificity of high-density oligonucleotide microarrays. <b>2007, 8, 373</b>	47
1263	Transcriptomic and metabolite analyses of Cabernet Sauvignon grape berry development. <b>2007, 8, 429</b>	321
1262	Variable sexually dimorphic gene expression in laboratory strains of <i>Drosophila melanogaster</i> . <b>2007, 8, 454</b>	26
1261	Gene expression and biological processes influenced by deletion of Stat3 in pulmonary type II epithelial cells. <b>2007, 8, 455</b>	45
1260	Combined array-comparative genomic hybridization and single-nucleotide polymorphism-loss of heterozygosity analysis reveals complex genetic alterations in cervical cancer. <b>2007, 8, 53</b>	59
1259	Microarray analysis of human leucocyte subsets: the advantages of positive selection and rapid purification. <b>2007, 8, 64</b>	88
1258	Gene expression profiling of aging reveals activation of a p53-mediated transcriptional program. <b>2007, 8, 80</b>	142
1257	Gene function in early mouse embryonic stem cell differentiation. <b>2007, 8, 85</b>	115
1256	Array-based genotyping and expression analysis of barley cv. Maythorpe and Golden Promise. <b>2007, 8, 87</b>	36
1255	A meta-analysis of kidney microarray datasets: investigation of cytokine gene detection and correlation with rt-PCR and detection thresholds. <b>2007, 8, 88</b>	32
1254	Fisher's combined p-value for detecting differentially expressed genes using Affymetrix expression arrays. <b>2007, 8, 96</b>	41
1253	Transient expression of Nxf, a bHLH-PAS transactivator induced by neuronal preconditioning, confers neuroprotection in cultured cells. <b>2007, 1135, 1-11</b>	24
1252	GDNF signaling in embryonic midbrain neurons in vitro. <b>2007, 1159, 28-39</b>	35



1251	Structural basis for recognition of SMRT/N-CoR by the MYND domain and its contribution to AML1/ETO's activity. <b>2007</b> , 11, 483-97	92
1250	Hematopoietic progenitor cells (HPC) from mobilized peripheral blood display enhanced migration and marrow homing compared to steady-state bone marrow HPC. <b>2007</b> , 35, 326-34	46
1249	Babesia bovis: the development of an expression oligonucleotide microarray. <b>2007</b> , 117, 93-8	11
1248	Identification of an in vitro transcription-based artifact affecting oligonucleotide microarrays. <b>2007</b> , 581, 3363-70	4
1247	Global gene expression in Leishmania. <b>2007</b> , 37, 1077-86	96
1246	RNA quality and gene expression analysis of ovarian tumor tissue undergoing repeated thaw-freezing. <b>2007</b> , 82, 95-102	20
1245	Genomic and proteomic expression analysis of Leishmania promastigote and amastigote life stages: the Leishmania genome is constitutively expressed. <b>2007</b> , 152, 35-46	163
1244	Antimutagenicity of cinnamaldehyde and vanillin in human cells: Global gene expression and possible role of DNA damage and repair. <b>2007</b> , 616, 60-9	55
1243	Validation of peptide epitope microarray experiments and extraction of quality data. <b>2007</b> , 328, 1-13	58
1242	Melatonin treatment in old mice enables a more youthful response to LPS in the brain. <b>2007</b> , 182, 22-31	11
1241	Information Conversion, Effective Samples, and Parameter Size. <b>2007</b> , 53, 4438-4456	9
1240	Biotechnology. Gene expression and microchips: Problems of the quantitative analysis. <b>2007</b> , 77, 2071-2081	
1239	Microarray analysis reveals overexpression of CD163 and HO-1 in symptomatic carotid plaques. <b>2007</b> , 27, 154-60	45
1238	Transcriptional analysis of quiescent and proliferating CD34+ human hemopoietic cells from normal and chronic myeloid leukemia sources. <b>2007</b> , 25, 3111-20	69
1237	Subtle metabolic and liver gene transcriptional changes underlie diet-induced fatty liver susceptibility in insulin-resistant mice. <b>2007</b> , 50, 1867-1879	94
1236	Genetic program of neuronal differentiation and growth induced by specific activation of NMDA receptors. <b>2007</b> , 32, 363-76	16
1235	Ventral tegmental transcriptome response to intermittent nicotine treatment and withdrawal in BALB/cJ, C57BL/6ByJ, and quasi-congenic RQI mice. <b>2007</b> , 32, 457-80	6
1234	Functional pathways shared by liver and lung metastases: a mitochondrial chaperone machine is up-regulated in soft-tissue breast cancer metastasis. <b>2007</b> , 24, 673-83	15

1233	Gene expression associated with compatible viral diseases in grapevine cultivars. <b>2007</b> , 7, 95-110	82
1232	Water and salinity stress in grapevines: early and late changes in transcript and metabolite profiles. <b>2007</b> , 7, 111-34	407
1231	Pathway analysis identifies perturbation of genetic networks induced by butyrate in a bovine kidney epithelial cell line. <b>2007</b> , 7, 193-205	53
1230	Asymptotic Expansion for the Null Distribution of the F-statistic in One-way ANOVA under Non-normality. <b>2007</b> , 59, 531-556	15
1229	Laser capture microdissection (LCM) and comparative microarray expression analysis of syncytial cells isolated from incompatible and compatible soybean ( <i>Glycine max</i> ) roots infected by the soybean cyst nematode ( <i>Heterodera glycines</i> ). <b>2007</b> , 226, 1389-409	129
1228	A time-course comparative microarray analysis of an incompatible and compatible response by <i>Glycine max</i> (soybean) to <i>Heterodera glycines</i> (soybean cyst nematode) infection. <b>2007</b> , 226, 1423-47	93
1227	Global gene expression profiling of formalin-fixed paraffin-embedded tumor samples: a comparison to snap-frozen material using oligonucleotide microarrays. <b>2007</b> , 450, 699-711	44
1226	Confirmation of region-specific patterns of gene expression in the human brain. <b>2007</b> , 8, 219-24	14
1225	Gene expression profiling in sarcomas. <b>2007</b> , 63, 111-24	58
1224	GEMMA DA Grid environment for microarray management and analysis in bone marrow stem cells experiments. <b>2007</b> , 23, 382-390	4
1223	Group analysis of regulation of fibroblast genome on low-adhesion nanostructures. <b>2007</b> , 28, 1761-9	32
1222	Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects. <b>2007</b> , 229, 101-13	41
1221	Molecular pathogenesis of human prolactinomas identified by gene expression profiling, RT-qPCR, and proteomic analyses. <b>2008</b> , 11, 231-45	75
1220	Lack of repeatable differential expression patterns between MON810 and comparable commercial varieties of maize. <b>2008</b> , 68, 105-17	50
1219	Gene expression analyses in individual grape ( <i>Vitis vinifera</i> L.) berries during ripening initiation reveal that pigmentation intensity is a valid indicator of developmental staging within the cluster. <b>2008</b> , 68, 301-15	76
1218	Exposure to radiation from global system for mobile communications at 1,800 MHz significantly changes gene expression in rat hippocampus and cortex. <b>2008</b> , 28, 458-465	16
1217	The effect of temperature on Natural Antisense Transcript (NAT) expression in <i>Aspergillus flavus</i> . <b>2008</b> , 54, 241-69	36
1216	Transcriptional profiling of myotubes from patients with type 2 diabetes: no evidence for a primary defect in oxidative phosphorylation genes. <b>2008</b> , 51, 2068-77	45

1215	CGcgh: a tool for molecular karyotyping using DNA microarray-based comparative genomic hybridization (array-CGH). <b>2008</b> , 15, 687-96	9
1214	Changes in Gene Expression of E. coli under Conditions of Modeled Reduced Gravity. <b>2008</b> , 20, 41-57	31
1213	Universal Reference RNA is not a representative normal sample for oligonucleotide microarray studies. <b>2008</b> , 14, 243-51	3
1212	Bivariate microarray analysis: statistical interpretation of two-channel functional genomics data. <b>2008</b> , 2, 95-104	2
1211	Model validation for gene selection and regulation maps. <b>2008</b> , 8, 87-99	7
1210	Rapid selection response for contextual fear conditioning in a cross between C57BL/6J and A/J: behavioral, QTL and gene expression analysis. <b>2008</b> , 38, 277-91	22
1209	Stable RNA markers for identification of blood and saliva stains revealed from whole genome expression analysis of time-wise degraded samples. <b>2008</b> , 122, 135-42	135
1208	Expression of rice heat stress transcription factor OsHsfA2e enhances tolerance to environmental stresses in transgenic Arabidopsis. <b>2008</b> , 227, 957-67	172
1207	Characterization of the proneural gene regulatory network during mouse telencephalon development. <b>2008</b> , 6, 15	85
1206	An integrative genomic approach reveals coordinated expression of intronic miR-335, miR-342, and miR-561 with deregulated host genes in multiple myeloma. <b>2008</b> , 1, 37	94
1205	The removal of multiplicative, systematic bias allows integration of breast cancer gene expression datasets - improving meta-analysis and prediction of prognosis. <b>2008</b> , 1, 42	95
1204	Regulatory subunits of PKA define an axis of cellular proliferation/differentiation in ovarian cancer cells. <b>2008</b> , 1, 43	22
1203	Carboplatin-induced gene expression changes in vitro are prognostic of survival in epithelial ovarian cancer. <b>2008</b> , 1, 59	40
1202	Monocytes of patients with familial hypercholesterolemia show alterations in cholesterol metabolism. <b>2008</b> , 1, 60	46
1201	Interlobular and intralobular mammary stroma: genotype may not reflect phenotype. <b>2008</b> , 9, 46	24
1200	Djvu in proteomics. A hit parade of repeatedly identified differentially expressed proteins. <b>2008</b> , 8, 1744-9	300
1199	Carbohydrate utilization and the lager yeast transcriptome during brewery fermentation. <b>2008</b> , 25, 549-62	37
1198	p107 acts as a tumor suppressor in pRb-deficient epidermis. <b>2008</b> , 47, 105-13	24

1197	Gene profiling approaches help to define the specific functions of retinoblastoma family in epidermis. <b>2008</b> , 47, 209-21	25
1196	Predicting response and resistance to endocrine therapy: profiling patients on aromatase inhibitors. <b>2008</b> , 112, 689-694	22
1195	Comparison of RNA amplification methods and chip platforms for microarray analysis of samples processed by laser capture microdissection. <b>2008</b> , 103, 556-63	28
1194	Age-related gene expression profiles of rhesus monkey bone marrow-derived mesenchymal stem cells. <b>2008</b> , 103, 1198-210	20
1193	Modulation of several waves of gene expression during FGF-1 induced epithelial-mesenchymal transition of carcinoma cells. <b>2008</b> , 104, 826-39	47
1192	Genome-wide expression analysis of cells expressing gain of function mutant D374Y-PCSK9. <b>2008</b> , 217, 459-67	31
1191	Identification of genes with abnormal expression changes in acute myeloid leukemia. <b>2008</b> , 47, 8-20	130
1190	Interferon regulatory factor 7-mediated responses are defective in cord blood plasmacytoid dendritic cells. <b>2008</b> , 38, 507-17	80
1189	Systemic increase in type I interferon activity in Sjögren's syndrome: a putative role for plasmacytoid dendritic cells. <b>2008</b> , 38, 2024-33	125
1188	Characterization and transformation potential of "Synthetic" astrocytes differentiated from murine embryonic stem cells. <b>2008</b> , 56, 457-70	4
1187	Molecular signatures of metastasis in head and neck cancer. <b>2008</b> , 30, 1273-83	24
1186	Aurora kinase B is a predictive factor for the aggressive recurrence of hepatocellular carcinoma after curative hepatectomy. <b>2008</b> , 95, 611-9	88
1185	Biostatistical aspects of genome-wide association studies. <b>2008</b> , 50, 8-28	111
1184	Up-regulation of ADM and SEPX1 in the lymphoblastoid cells of patients in monozygotic twins discordant for schizophrenia. <b>2008</b> , 147B, 557-64	23
1183	Analysis of Microarray Gene Expression Data. <b>2008</b> , 201-230	
1182	Statistical Inference for Microarray Studies. <b>2008</b> , 231-266	
1181	Algorithmic Methods for the Analysis of Gene Expression Data. 115-145	
1180	Genomic analyses of Haemonchus contortus infection in sheep: abomasal fistulation and two Haemonchus strains do not substantially confound host gene expression in microarrays. <b>2008</b> , 154, 71-81	29

1179	Loss of Raf kinase inhibitory protein induces radioresistance in prostate cancer. <b>2008</b> , 72, 153-60	46
1178	Embryonic stem cell-derived neurons as a cellular system to study gene function: lack of amyloid precursor proteins APP and APLP2 leads to defective synaptic transmission. <b>2008</b> , 26, 2153-63	39
1177	In vivo genome-wide expression study on human circulating B cells suggests a novel ESR1 and MAPK3 network for postmenopausal osteoporosis. <b>2008</b> , 23, 644-54	56
1176	Submicroscopic duplications of the hydroxysteroid dehydrogenase HSD17B10 and the E3 ubiquitin ligase HUWE1 are associated with mental retardation. <b>2008</b> , 82, 432-43	164
1175	Evaluation of genetic variation contributing to differences in gene expression between populations. <b>2008</b> , 82, 631-40	177
1174	Characterization of the quantitative trait locus for haloperidol-induced catalepsy on distal mouse chromosome 1. <b>2008</b> , 7, 214-23	11
1173	Brain gene expression correlates with changes in behavior in the R6/1 mouse model of Huntington's disease. <b>2008</b> , 7, 288-99	50
1172	Dynamics of the yeast transcriptome during wine fermentation reveals a novel fermentation stress response. <b>2008</b> , 8, 35-52	141
1171	The oxidative stress response of a lager brewing yeast strain during industrial propagation and fermentation. <b>2008</b> , 8, 574-85	44
1170	Transcriptional profiling of Francisella tularensis infected peripheral blood mononuclear cells: a predictive tool for tularemia. <b>2008</b> , 54, 92-103	19
1169	A flexible and powerful bayesian hierarchical model for ChIP-Chip experiments. <b>2008</b> , 64, 468-78	27
1168	Utilization of microarray technology for functional genomics in ictalurid catfish. <b>2008</b> , 72, 2377-2390	18
1167	Histone acetylation and DNA demethylation of B cells result in a Hodgkin-like phenotype. <b>2008</b> , 22, 835-41	34
1166	Pathway activation patterns in diffuse large B-cell lymphomas. <b>2008</b> , 22, 1746-54	33
1165	The expression of 16 genes related to the cell of origin and immune response predicts survival in elderly patients with diffuse large B-cell lymphoma treated with CHOP and rituximab. <b>2008</b> , 22, 1917-24	87
1164	Wild-type p53 and p73 negatively regulate expression of proliferation related genes. <b>2008</b> , 27, 2583-93	62
1163	A gene expression atlas of the model legume Medicago truncatula. <b>2008</b> , 55, 504-13	569
1162	Gene array analysis reveals a common Runx transcriptional programme controlling cell adhesion and survival. <b>2008</b> , 27, 5856-66	51

1161	Prediction of future metastasis and molecular characterization of head and neck squamous-cell carcinoma based on transcriptome and genome analysis by microarrays. <b>2008</b> , 27, 6607-22	123
1160	The atypical Rho GTPase RhoBTB2 is required for expression of the chemokine CXCL14 in normal and cancerous epithelial cells. <b>2008</b> , 27, 6856-65	34
1159	Alterations in GABA-related transcriptome in the dorsolateral prefrontal cortex of subjects with schizophrenia. <b>2008</b> , 13, 147-61	392
1158	Oxidized low density lipoproteins induce a pathologic response by retinal pigmented epithelial cells. <b>2008</b> , 105, 1187-97	78
1157	Metabolic and genetic perturbations accompany the modification of galactomannan in seeds of <i>Medicago truncatula</i> expressing mannan synthase from guar ( <i>Cyamopsis tetragonoloba</i> L.). <b>2008</b> , 6, 619-31	22
1156	Comparison of expression profiles induced by dust mite in airway epithelia reveals a common pathway. <b>2008</b> , 63, 461-7	27
1155	DNA chip databases, omics, and gene fishing: commentary. <b>2008</b> , 99, 829-35	4
1154	Transcriptome analysis of the wheat- <i>Puccinia striiformis</i> f. sp. <i>tritici</i> interaction. <b>2008</b> , 9, 157-69	78
1153	Involvement of ZFR1 of <i>Fusarium verticillioides</i> in kernel colonization and the regulation of FST1, a putative sugar transporter gene required for fumonisin biosynthesis on maize kernels. <b>2008</b> , 9, 203-11	50
1152	Tumour necrosis factor-induced gene expression in human marrow stroma: clues to the pathophysiology of MDS?. <b>2008</b> , 140, 444-53	39
1151	Haploinsufficiency of RPS14 in 5q- syndrome is associated with deregulation of ribosomal- and translation-related genes. <b>2008</b> , 142, 57-64	79
1150	A microarray-based analysis of transcriptional compartmentalization in the alimentary canal of <i>Anopheles gambiae</i> (Diptera: Culicidae) larvae. <b>2008</b> , 17, 61-72	45
1149	Microarray analysis of acaricide-inducible gene expression in the southern cattle tick, <i>Rhipicephalus</i> ( <i>Boophilus</i> ) <i>microplus</i> . <b>2008</b> , 17, 597-606	37
1148	Ecogenomics of cleistogamous and chasmogamous flowering: genome-wide gene expression patterns from cross-species microarray analysis in <i>Cardamine kokaiensis</i> (Brassicaceae). <b>2008</b> , 96, 1086-1097	27
1147	The global, ppGpp-mediated stringent response to amino acid starvation in <i>Escherichia coli</i> . <b>2008</b> , 68, 1128-48	369
1146	Expression profiling of the solute carrier gene family in chicken intestine from the late embryonic to early post-hatch stages. <b>2008</b> , 39, 407-24	37
1145	Gene expression quantitative trait locus analysis of 16 000 barley genes reveals a complex pattern of genome-wide transcriptional regulation. <b>2008</b> , 53, 90-101	139
1144	Interplay between MAMP-triggered and SA-mediated defense responses. <b>2008</b> , 53, 763-75	270

1143	Tissue-dependent limited pleiotropy affects gene expression in barley. <b>2008</b> , 56, 287-296	26
1142	Identification of human metapneumovirus-induced gene networks in airway epithelial cells by microarray analysis. <b>2008</b> , 374, 114-27	41
1141	Exon level integration of proteomics and microarray data. <b>2008</b> , 9, 118	26
1140	Normalization of oligonucleotide arrays based on the least-variant set of genes. <b>2008</b> , 9, 140	46
1139	Empirical Bayes models for multiple probe type microarrays at the probe level. <b>2008</b> , 9, 156	9
1138	A comprehensive re-analysis of the Golden Spike data: towards a benchmark for differential expression methods. <b>2008</b> , 9, 164	30
1137	A probe-treatment-reference (PTR) model for the analysis of oligonucleotide expression microarrays. <b>2008</b> , 9, 194	7
1136	Conserved co-expression for candidate disease gene prioritization. <b>2008</b> , 9, 208	28
1135	Methods for evaluating gene expression from Affymetrix microarray datasets. <b>2008</b> , 9, 284	18
1134	Combining Shapley value and statistics to the analysis of gene expression data in children exposed to air pollution. <b>2008</b> , 9, 361	24
1133	easyExon--a Java-based GUI tool for processing and visualization of Affymetrix exon array data. <b>2008</b> , 9, 432	15
1132	Background correction using dinucleotide affinities improves the performance of GCRMA. <b>2008</b> , 9, 452	38
1131	EzArray: a web-based highly automated Affymetrix expression array data management and analysis system. <b>2008</b> , 9, 46	14
1130	Learning transcriptional regulatory networks from high throughput gene expression data using continuous three-way mutual information. <b>2008</b> , 9, 467	50
1129	A Web-based and Grid-enabled dChip version for the analysis of large sets of gene expression data. <b>2008</b> , 9, 480	4
1128	Expression profiles of switch-like genes accurately classify tissue and infectious disease phenotypes in model-based classification. <b>2008</b> , 9, 486	6
1127	Determining gene expression on a single pair of microarrays. <b>2008</b> , 9, 489	4
1126	EMAAS: an extensible grid-based rich internet application for microarray data analysis and management. <b>2008</b> , 9, 493	12

1125	A Bayesian calibration model for combining different pre-processing methods in Affymetrix chips. <b>2008, 9, 512</b>	4
1124	Global rank-invariant set normalization (GRSN) to reduce systematic distortions in microarray data. <b>2008, 9, 520</b>	42
1123	Reconstructing networks of pathways via significance analysis of their intersections. <b>2008, 9 Suppl 4, S9</b>	22
1122	Search for the genes involved in oocyte maturation and early embryo development in the hen. <b>2008, 9, 110</b>	39
1121	Transcriptional regulation by poly(ADP-ribose) polymerase-1 during T cell activation. <b>2008, 9, 171</b>	36
1120	RETINOBASE: a web database, data mining and analysis platform for gene expression data on retina. <b>2008, 9, 208</b>	12
1119	Improved microarray gene expression profiling of virus-infected cells after removal of viral RNA. <b>2008, 9, 221</b>	5
1118	Genome-wide analysis of antisense transcription with Affymetrix exon array. <b>2008, 9, 27</b>	26
1117	Gene expression in developing watermelon fruit. <b>2008, 9, 275</b>	71
1116	Sources of variation in baseline gene expression levels from toxicogenomics study control animals across multiple laboratories. <b>2008, 9, 285</b>	58
1115	Transcription factor control of growth rate dependent genes in <i>Saccharomyces cerevisiae</i> : a three factor design. <b>2008, 9, 341</b>	43
1114	Novel functional view of the crocidolite asbestos-treated A549 human lung epithelial transcriptome reveals an intricate network of pathways with opposing functions. <b>2008, 9, 376</b>	19
1113	Identification of genes and pathways associated with aluminum stress and tolerance using transcriptome profiling of wheat near-isogenic lines. <b>2008, 9, 400</b>	60
1112	The rules of gene expression in plants: organ identity and gene body methylation are key factors for regulation of gene expression in <i>Arabidopsis thaliana</i> . <b>2008, 9, 438</b>	79
1111	Gene expression profiling of liver from dairy cows treated intra-mammary with lipopolysaccharide. <b>2008, 9, 443</b>	47
1110	Transcriptional response of Mexican axolotls to <i>Ambystoma tigrinum</i> virus (ATV) infection. <b>2008, 9, 493</b>	35
1109	Gene expression and isoform variation analysis using Affymetrix Exon Arrays. <b>2008, 9, 529</b>	56
1108	Transcriptional response of rat frontal cortex following acute in vivo exposure to the pyrethroid insecticides permethrin and deltamethrin. <b>2008, 9, 546</b>	17



1107	Prediction of alternatively skipped exons and splicing enhancers from exon junction arrays. <b>2008, 9, 551</b>	8
1106	Mismatch oligonucleotides in human and yeast: guidelines for probe design on tiling microarrays. <b>2008, 9, 635</b>	10
1105	The Sterolgene v0 cDNA microarray: a systemic approach to studies of cholesterol homeostasis and drug metabolism. <b>2008, 9, 76</b>	16
1104	Effect of thyroid hormone concentration on the transcriptional response underlying induced metamorphosis in the Mexican axolotl ( <i>Ambystoma</i> ). <b>2008, 9, 78</b>	32
1103	Complementary RNA amplification methods enhance microarray identification of transcripts expressed in the <i>C. elegans</i> nervous system. <b>2008, 9, 84</b>	30
1102	A non-parametric meta-analysis approach for combining independent microarray datasets: application using two microarray datasets pertaining to chronic allograft nephropathy. <b>2008, 9, 98</b>	19
1101	Divergence of canonical danger signals: the genome-level expression patterns of human mononuclear cells subjected to heat shock or lipopolysaccharide. <b>2008, 9, 24</b>	15
1100	Bioinformatic and statistical analysis of the optic nerve head in a primate model of ocular hypertension. <b>2008, 9, 93</b>	33
1099	The plant Apolipoprotein D ortholog protects <i>Arabidopsis</i> against oxidative stress. <b>2008, 8, 86</b>	80
1098	Co-regulation analysis of closely linked genes identifies a highly recurrent gain on chromosome 17q25.3 in prostate cancer. <b>2008, 8, 315</b>	8
1097	Identification of gene interactions associated with disease from gene expression data using synergy networks. <b>2008, 2, 10</b>	50
1096	Linkage of <i>Meis1</i> leukemogenic activity to multiple downstream effectors including <i>Trib2</i> and <i>Ccl3</i> . <b>2008, 36, 845-59</b>	52
1095	Homogeneous monocytes and macrophages from human embryonic stem cells following coculture-free differentiation in M-CSF and IL-3. <b>2008, 36, 1167-75</b>	119
1094	D-Glucose sensing by a plasma membrane regulator of G signaling protein, <i>AtRGS1</i> . <b>2008, 582, 3577-84</b>	78
1093	Rod differentiation factor <i>NRL</i> activates the expression of nuclear receptor <i>NR2E3</i> to suppress the development of cone photoreceptors. <b>2008, 1236, 16-29</b>	90
1092	Laboratory diet profoundly alters gene expression and confounds genomic analysis in mouse liver and lung. <b>2008, 173, 129-40</b>	66
1091	T cell subset-specific susceptibility to aging. <b>2008, 127, 107-18</b>	295
1090	Transcriptional profiling of the rat frontal cortex following administration of the mGlu5 receptor antagonists MPEP and MTEP. <b>2008, 584, 253-62</b>	13

1089	Expanded nonhuman primate tregs exhibit a unique gene expression signature and potentially downregulate alloimmune responses. <b>2008</b> , 8, 2252-64	23
1088	Genomic effects of once-weekly, intramuscular interferon-beta1a treatment after the first dose and on chronic dosing: Relationships to 5-year clinical outcomes in multiple sclerosis patients. <b>2008</b> , 205, 113-25	32
1087	Differential gene expression in the nucleus accumbens with ethanol self-administration in inbred alcohol-preferring rats. <b>2008</b> , 89, 481-98	68
1086	Comparative analysis of microarray data identifies common responses to caloric restriction among mouse tissues. <b>2008</b> , 129, 138-53	63
1085	Genes regulated by caloric restriction have unique roles within transcriptional networks. <b>2008</b> , 129, 580-92	23
1084	Gene expression profiles of bronchoalveolar cells in pulmonary TB. <b>2008</b> , 88, 39-51	49
1083	Statistical analysis of relative labeled mass spectrometry data from complex samples using ANOVA. <b>2008</b> , 7, 225-33	143
1082	Microarrays Analysis of Signaling Pathways. <b>2008</b> , 115-130	
1081	PDK-1 regulates lactate production in hypoxia and is associated with poor prognosis in head and neck squamous cancer. <b>2008</b> , 98, 1975-84	143
1080	Krüppel homolog 1 (Kr-h1) mediates juvenile hormone action during metamorphosis of <i>Drosophila melanogaster</i> . <b>2008</b> , 125, 91-105	190
1079	Viral regulation of aquaporin 4, connexin 43, microcephalin and nucleolin. <b>2008</b> , 98, 163-77	33
1078	Molecular profiling of the human testis reveals stringent pathway-specific regulation of RNA expression following gonadotropin suppression and progestogen treatment. <b>2008</b> , 29, 389-403	9
1077	Monocyte gene-expression profile in men with familial combined hyperlipidemia and its modification by atorvastatin treatment. <b>2008</b> , 9, 1035-54	16
1076	Gene expression microarray data analysis demystified. <b>2008</b> , 14, 29-61	20
1075	Gene expression deregulation by KRAS G12D and G12V in a BRAF V600E context. <b>2008</b> , 7, 92	27
1074	Analysis of the Arabidopsis histidine kinase ATHK1 reveals a connection between vegetative osmotic stress sensing and seed maturation. <b>2008</b> , 20, 1101-17	183
1073	Strain differences in the gating-disruptive effects of apomorphine: relationship to gene expression in nucleus accumbens signaling pathways. <b>2008</b> , 63, 748-58	34
1072	Microbial Gene Essentiality: Protocols and Bioinformatics. <b>2008</b> ,	4

1071	"Hook"-calibration of GeneChip-microarrays: chip characteristics and expression measures. <b>2008</b> , 3, 11	20
1070	A weighted average difference method for detecting differentially expressed genes from microarray data. <b>2008</b> , 3, 8	89
1069	Epigenetic mapping and functional analysis in a breast cancer metastasis model using whole-genome promoter tiling microarrays. <b>2008</b> , 10, R62	58
1068	Singular value decomposition-based regression identifies activation of endogenous signaling pathways in vivo. <b>2008</b> , 9, R180	12
1067	Analysis of gene expression in a developmental context emphasizes distinct biological leitmotifs in human cancers. <b>2008</b> , 9, R108	51
1066	At-TAX: a whole genome tiling array resource for developmental expression analysis and transcript identification in <i>Arabidopsis thaliana</i> . <b>2008</b> , 9, R112	85
1065	Validation and extension of an empirical Bayes method for SNP calling on Affymetrix microarrays. <b>2008</b> , 9, R63	28
1064	Correction of technical bias in clinical microarray data improves concordance with known biological information. <b>2008</b> , 9, R26	50
1063	Molecular credentialing of rodent bladder carcinogenesis models. <b>2008</b> , 10, 838-46	44
1062	The malignant phenotype of breast cancer cells is reduced by COX-2 silencing. <b>2008</b> , 10, 1163-9	19
1061	Molecular Biomethods Handbook. <b>2008</b> ,	10
1060	Pre-filtering improves reliability of Affymetrix GeneChips results when used to analyze gene expression in complex tissues. <b>2008</b> , 22, 115-21	4
1059	Identification of novel glucocorticoid receptor-regulated genes involved in epidermal homeostasis and hair follicle differentiation. <b>2008</b> , 108, 8-16	13
1058	Comparative expression analysis of four breast cancer subtypes versus matched normal tissue from the same patients. <b>2008</b> , 109, 207-11	3
1057	Pangenomic changes induced by DHEA in the skin of postmenopausal women. <b>2008</b> , 112, 186-93	28
1056	Organization and evolution of the biological response to singlet oxygen stress. <b>2008</b> , 383, 713-30	63
1055	Microarray analysis of gene expression in the blue catfish liver reveals early activation of the MHC class I pathway after infection with <i>Edwardsiella ictaluri</i> . <b>2008</b> , 45, 553-66	121
1054	Regulation of multiple angiogenic pathways by Dll4 and Notch in human umbilical vein endothelial cells. <b>2008</b> , 75, 144-54	169

1053	E2A proteins promote development of lymphoid-primed multipotent progenitors. <b>2008</b> , 29, 217-27	154
1052	Thoracoscopic versus thoracotomy approaches to lobectomy: differential impairment of cellular immunity. <b>2008</b> , 86, 1735-44	85
1051	Linkage, association, and gene-expression analyses identify CNTNAP2 as an autism-susceptibility gene. <b>2008</b> , 82, 150-9	623
1050	Transthyretin: a key gene involved in the maintenance of memory capacities during aging. <b>2008</b> , 29, 1721-32	85
1049	Microarray analysis of mdx mice expressing high levels of utrophin: therapeutic implications for dystrophin deficiency. <b>2008</b> , 18, 239-47	22
1048	Misexpression of MIA disrupts lung morphogenesis and causes neonatal death. <b>2008</b> , 316, 441-55	12
1047	Multifaceted transcriptional regulation of the murine intestinal mucus layer by endogenous microbiota. <b>2008</b> , 91, 70-7	37
1046	A bioinformatic and transcriptomic approach to identifying positional candidate genes without fine mapping: an example using rice root-growth QTLs. <b>2008</b> , 92, 344-52	34
1045	Efficient homing of multipotent adult mesenchymal stem cells depends on FROUNT-mediated clustering of CCR2. <b>2008</b> , 2, 566-75	217
1044	The cytosolic sensors Nod1 and Nod2 are critical for bacterial recognition and host defense after exposure to Toll-like receptor ligands. <b>2008</b> , 28, 246-57	223
1043	Statistical challenges in preprocessing in microarray experiments in cancer. <b>2008</b> , 14, 5959-66	37
1042	CBR System for Diagnosis of Patients. <b>2008</b> ,	0
1041	Coordinate induction of PPAR alpha and SREBP2 in multifunctional protein 2 deficient mice. <b>2008</b> , 1781, 694-702	31
1040	Functional consequences of overexpressing the gap junction Cx43 in the cardiogenic potential of pluripotent human embryonic stem cells. <b>2008</b> , 377, 46-51	15
1039	Sexual dimorphism in hepatic gene expression and the response to dietary carbohydrate manipulation in the zebrafish ( <i>Danio rerio</i> ). <b>2008</b> , 3, 141-54	49
1038	Genome-wide H3K9 histone acetylation profiles are altered in benzopyrene-treated MCF7 breast cancer cells. <b>2008</b> , 283, 4051-60	60
1037	Stimulation of prostate cancer cellular proliferation and invasion by the androgen receptor co-activator ARA70. <b>2008</b> , 172, 225-35	35
1036	CD30-induced signaling is absent in Hodgkin's cells but present in anaplastic large cell lymphoma cells. <b>2008</b> , 172, 510-20	55

1035	The surface properties of nanocrystalline diamond and nanoparticulate diamond powder and their suitability as cell growth support surfaces. <b>2008</b> , 29, 4275-84	88
1034	Estudio farmacogenético mediante microarrays en monocitos de pacientes con hiperlipemia familiar combinada tratados con atorvastatina. <b>2008</b> , 20, 135-144	
1033	Effect of dietary calcium and dairy proteins on the adipose tissue gene expression profile in diet-induced obesity. <b>2008</b> , 1, 240-51	23
1032	Chromosomal instability is associated with higher expression of genes implicated in epithelial-mesenchymal transition, cancer invasiveness, and metastasis and with lower expression of genes involved in cell cycle checkpoints, DNA repair, and chromatin maintenance. <b>2008</b> , 10, 1222-30	29
1031	Comment. <b>2008</b> , 50, 268-271	
1030	Transcriptomic effects of Tet-on and mifepristone-inducible systems in mouse liver. <b>2008</b> , 19, 1233-47	14
1029	Whole-genome microarray and targeted analysis of angiogenesis-regulating gene expression (ENG, FLT1, VEGF, PlGF) in placentas from pre-eclamptic and small-for-gestational-age pregnancies. <b>2008</b> , 21, 267-73	45
1028	Pathway activation in large B-cell non-Hodgkin lymphoma cell lines by doxorubicin reveals prognostic markers of in vivo response. <b>2008</b> , 49, 2170-80	14
1027	Gene expression profiling of porcine alveolar macrophages after antibody-mediated cross-linking of Sialoadhesin (Sn, Siglec-1). <b>2008</b> , 28, 185-243	7
1026	Up-regulation of genes related to the ubiquitin-proteasome system in the brown adipose tissue of 24-h-fasted rats. <b>2008</b> , 72, 139-48	31
1025	Liver gene expression analysis reveals endoplasmic reticulum stress and metabolic dysfunction in SCD1-deficient mice fed a very low-fat diet. <b>2008</b> , 33, 361-72	66
1024	Global relationship between the proteome and transcriptome of human skeletal muscle. <b>2008</b> , 7, 3230-41	37
1023	Gene expression profiling of breast cancer. <b>2008</b> , 3, 67-97	56
1022	Merging two gene-expression studies via cross-platform normalization. <b>2008</b> , 24, 1154-60	151
1021	Chondrogenic differentiation of human mesenchymal stem cells in three-dimensional alginate gels. <b>2008</b> , 14, 667-80	143
1020	Effect of transgenes on global gene expression in soybean is within the natural range of variation of conventional cultivars. <b>2008</b> , 56, 3057-67	58
1019	Gene expression patterns in visual cortex during the critical period: synaptic stabilization and reversal by visual deprivation. <b>2008</b> , 105, 9409-14	56
1018	Effect of starvation on transcriptomes of brain and liver in adult female zebrafish ( <i>Danio rerio</i> ). <b>2008</b> , 35, 283-95	94

1017	Endometrial inhibin/activin beta-B subunit expression is related to decidualization and is reduced in tubal ectopic pregnancy. <b>2008</b> , 93, 2375-82	33
1016	A comparison of normalization techniques for microRNA microarray data. <b>2008</b> , 7, Article22	82
1015	Transcriptome-based examination of putative pollen allergens of rice ( <i>Oryza sativa</i> ssp. <i>japonica</i> ). <b>2008</b> , 1, 751-9	25
1014	Detection of transient events in the presence of background noise. <b>2008</b> , 112, 7140-4	6
1013	Genome-wide discovery and verification of novel structured RNAs in <i>Plasmodium falciparum</i> . <b>2008</b> , 18, 281-92	72
1012	<i>Arabidopsis</i> mitogen-activated protein kinase kinases MKK1 and MKK2 have overlapping functions in defense signaling mediated by MEKK1, MPK4, and MKS1. <b>2008</b> , 148, 212-22	221
1011	Rice-arsenate interactions in hydroponics: whole genome transcriptional analysis. <b>2008</b> , 59, 2267-76	191
1010	Enhanced identification and biological validation of differential gene expression via Illumina whole-genome expression arrays through the use of the model-based background correction methodology. <b>2008</b> , 36, e58	51
1009	Transcriptional impact of Aire varies with cell type. <b>2008</b> , 105, 14011-6	47
1008	Virulent <i>Shigella flexneri</i> subverts the host innate immune response through manipulation of antimicrobial peptide gene expression. <b>2008</b> , 205, 1121-32	118
1007	<i>Cryptosporidium</i> infection of human intestinal epithelial cells increases expression of osteoprotegerin: a novel mechanism for evasion of host defenses. <b>2008</b> , 197, 916-23	41
1006	Characterization of an <i>Entamoeba histolytica</i> high-mobility-group box protein induced during intestinal infection. <b>2008</b> , 7, 1565-72	22
1005	Comparison of carbon nutrition for pathogenic and commensal <i>Escherichia coli</i> strains in the mouse intestine. <b>2008</b> , 76, 1143-52	258
1004	Comparing the characteristics of gene expression profiles derived by univariate and multivariate classification methods. <b>2008</b> , 7, Article7	37
1003	15-Hydroxyprostaglandin dehydrogenase is a target of hepatocyte nuclear factor 3beta and a tumor suppressor in lung cancer. <b>2008</b> , 68, 5040-8	37
1002	A novel gene expression profile in lymphatics associated with tumor growth and nodal metastasis. <b>2008</b> , 68, 7293-303	90
1001	The L-type calcium ion channel <i>cch1</i> affects ascospore discharge and mycelial growth in the filamentous fungus <i>Gibberella zeae</i> (anamorph <i>Fusarium graminearum</i> ). <b>2008</b> , 7, 415-24	58
1000	Whole genome exon arrays identify differential expression of alternatively spliced, cancer-related genes in lung cancer. <b>2008</b> , 36, 6535-47	86

999	Chronic CD4+ T-cell activation and depletion in human immunodeficiency virus type 1 infection: type I interferon-mediated disruption of T-cell dynamics. <b>2008</b> , 82, 1870-83	135
998	Genome-wide microarray expression analysis of CD4+ T Cells from nonobese diabetic congenic mice identifies Cd55 (Daf1) and Acadl as candidate genes for type 1 diabetes. <b>2008</b> , 180, 1071-9	19
997	Genomic analysis of Drosophila neuronal remodeling: a role for the RNA-binding protein Boule as a negative regulator of axon pruning. <b>2008</b> , 28, 6092-103	41
996	Ctip2 controls the differentiation of medium spiny neurons and the establishment of the cellular architecture of the striatum. <b>2008</b> , 28, 622-32	213
995	Loss of the epigenetic tumor suppressor SNF5 leads to cancer without genomic instability. <b>2008</b> , 28, 6223-33	103
994	Spontaneous squamous cell carcinoma induced by the somatic inactivation of retinoblastoma and Trp53 tumor suppressors. <b>2008</b> , 68, 683-92	55
993	CCCTC-binding factor confines the distal action of estrogen receptor. <b>2008</b> , 68, 9041-9	29
992	Gene expression-based recurrence prediction of hepatitis B virus-related human hepatocellular carcinoma. <b>2008</b> , 14, 2056-64	131
991	A novel lung cancer signature mediates metastatic bone colonization by a dual mechanism. <b>2008</b> , 68, 2275-85	84
990	Specificity of DNA microarray hybridization: characterization, effectors and approaches for data correction. <b>2008</b> , 36, 2395-405	57
989	Effects of vasectomy on gene expression profiling along the human epididymis. <b>2008</b> , 79, 262-73	33
988	Region-specific gene expression profiling: novel evidence for biological heterogeneity of the human amnion. <b>2008</b> , 79, 954-61	48
987	Sixteen-kinase gene expression identifies luminal breast cancers with poor prognosis. <b>2008</b> , 68, 767-76	86
986	Deciphering developmental stages of adult myelopoiesis. <b>2008</b> , 7, 706-13	13
985	Global histone acetylation induces functional genomic reorganization at mammalian nuclear pore complexes. <b>2008</b> , 22, 627-39	145
984	Copy number alterations in pancreatic cancer identify recurrent PAK4 amplification. <b>2008</b> , 7, 1793-802	101
983	Distinct gene expression profiles: nodal versus extranodal diffuse large B-cell lymphoma. <b>2008</b> , 75, 71-80	17
982	A trispecies Aspergillus microarray: comparative transcriptomics of three Aspergillus species. <b>2008</b> , 105, 4387-92	106

981	A Statistical Procedure for Detecting Highly Correlated Genes with a Pre-Specified Candidate Gene in Microarray Analysis. <b>2008</b> , 37, 2991-3007	2
980	Gaining confidence in biological interpretation of the microarray data: the functional consistence of the significant GO categories. <b>2008</b> , 24, 265-71	40
979	Molecular dissection of variation in carbohydrate metabolism related to water-soluble carbohydrate accumulation in stems of wheat. <b>2008</b> , 146, 441-54	138
978	Introduction to DNA Microarrays. 1-26	4
977	Oncogenic Ras and transforming growth factor-beta synergistically regulate AU-rich element-containing mRNAs during epithelial to mesenchymal transition. <b>2008</b> , 6, 1124-36	35
976	Genome-wide impact of the BRG1 SWI/SNF chromatin remodeler on the transforming growth factor beta transcriptional program. <b>2008</b> , 283, 1146-55	82
975	Podocyte-selective deletion of dicer induces proteinuria and glomerulosclerosis. <b>2008</b> , 19, 2159-69	298
974	TGFBR1*6A enhances the migration and invasion of MCF-7 breast cancer cells through RhoA activation. <b>2008</b> , 68, 1319-28	44
973	PecS is a global regulator of the symptomatic phase in the phytopathogenic bacterium Erwinia chrysanthemi 3937. <b>2008</b> , 190, 7508-22	77
972	PPARgamma and C/EBP factors orchestrate adipocyte biology via adjacent binding on a genome-wide scale. <b>2008</b> , 22, 2941-52	582
971	Modulation of hexa-acyl pyrophosphate lipid A population under Escherichia coli phosphate (Pho) regulon activation. <b>2008</b> , 190, 5256-64	27
970	The variable immunological self: genetic variation and nongenetic noise in Aire-regulated transcription. <b>2008</b> , 105, 15860-5	46
969	The SWI/SNF ATPase Brm is a gatekeeper of proliferative control in prostate cancer. <b>2008</b> , 68, 10154-62	62
968	The transcript and metabolite networks affected by the two clades of Arabidopsis glucosinolate biosynthesis regulators. <b>2008</b> , 148, 2021-49	155
967	Genome-wide analysis identifies interleukin-10 mRNA as target of tristetraprolin. <b>2008</b> , 283, 11689-99	198
966	Decreased expression of the fractalkine receptor CX3CR1 on circulating monocytes as new feature of sepsis-induced immunosuppression. <b>2008</b> , 180, 6421-9	79
965	Maturation of paneth cells induces the refractory state of newborn mice to Shigella infection. <b>2008</b> , 180, 4924-30	39
964	PapX, a P fimbrial operon-encoded inhibitor of motility in uropathogenic Escherichia coli. <b>2008</b> , 76, 4833-41	52



963	Anti-alpha-enolase antibodies in patients with inflammatory Bowel disease. <b>2008</b> , 54, 534-41	37
962	Global gene expression as a function of the iron status of the bacterial cell: influence of differentially expressed genes in the virulence of the human pathogen <i>Vibrio vulnificus</i> . <b>2008</b> , 76, 4019-37	54
961	Rapid encoding of new information alters the profile of plasticity-related mRNA transcripts in the hippocampal CA3 region. <b>2008</b> , 105, 10601-6	19
960	Knocking out cytosolic cysteine synthesis compromises the antioxidant capacity of the cytosol to maintain discrete concentrations of hydrogen peroxide in <i>Arabidopsis</i> . <b>2008</b> , 147, 562-72	73
959	Kruppel-like factor 5 is required for perinatal lung morphogenesis and function. <b>2008</b> , 135, 2563-72	95
958	Gene expression microarray profiles of cumulus cells in lean and overweight-obese polycystic ovary syndrome patients. <b>2009</b> , 15, 89-103	82
957	A signature of evolutionary constraint on a subset of ectopically expressed olfactory receptor genes. <b>2009</b> , 26, 491-4	49
956	Network inference algorithms elucidate Nrf2 regulation of mouse lung oxidative stress. <b>2008</b> , 4, e1000166	72
955	Systematic assessment of the human osteoblast transcriptome in resting and induced primary cells. <b>2008</b> , 33, 301-11	27
954	Uncovering a macrophage transcriptional program by integrating evidence from motif scanning and expression dynamics. <b>2008</b> , 4, e1000021	139
953	Genetic networks of liver metabolism revealed by integration of metabolic and transcriptional profiling. <b>2008</b> , 4, e1000034	158
952	A study of the relationships between oligonucleotide properties and hybridization signal intensities from NimbleGen microarray datasets. <b>2008</b> , 36, 2926-38	34
951	Genomic signatures and dose-dependent transitions in nasal epithelial responses to inhaled formaldehyde in the rat. <b>2008</b> , 105, 368-83	73
950	Identification of Nogo as a novel indicator of heart failure. <b>2008</b> , 32, 182-9	33
949	Gene expression in human NAFLD. <b>2008</b> , 294, G1281-7	276
948	Microarray based diagnosis profits from better documentation of gene expression signatures. <b>2008</b> , 4, e22	20
947	Combinatorial influence of environmental parameters on transcription factor activity. <b>2008</b> , 24, i172-81	5
946	The Rcs phosphorelay is a cell envelope stress response activated by peptidoglycan stress and contributes to intrinsic antibiotic resistance. <b>2008</b> , 190, 2065-74	177

945	Validating the genomic signature of pediatric septic shock. <b>2008</b> , 34, 127-34	79
944	Pediatric malignant germ cell tumors show characteristic transcriptome profiles. <b>2008</b> , 68, 4239-47	71
943	Transcription factors bind thousands of active and inactive regions in the Drosophila blastoderm. <b>2008</b> , 6, e27	360
942	Network-constrained regularization and variable selection for analysis of genomic data. <b>2008</b> , 24, 1175-82	395
941	Large-scale mRNA expression profiling in the common ice plant, <i>Mesembryanthemum crystallinum</i> , performing C3 photosynthesis and Crassulacean acid metabolism (CAM). <b>2008</b> , 59, 1875-94	84
940	Combined analysis of murine and human microarrays and ChIP analysis reveals genes associated with the ability of MYC to maintain tumorigenesis. <b>2008</b> , 4, e1000090	67
939	Accurate discovery of expression quantitative trait loci under confounding from spurious and genuine regulatory hotspots. <b>2008</b> , 180, 1909-25	107
938	<i>Toxoplasma gondii</i> and <i>Cryptosporidium parvum</i> lack detectable DNA cytosine methylation. <b>2008</b> , 7, 537-40	46
937	Induction of arachidonate 12-lipoxygenase (Alox15) in intestine of iron-deficient rats correlates with the production of biologically active lipid mediators. <b>2008</b> , 294, G948-62	33
936	A new model for nonalcoholic steatohepatitis in the rat utilizing total enteral nutrition to overfeed a high-polyunsaturated fat diet. <b>2008</b> , 294, G27-38	98
935	Gene profiling of skeletal muscle in an amyotrophic lateral sclerosis mouse model. <b>2008</b> , 32, 207-18	93
934	affyGG: computational protocols for genetical genomics with Affymetrix arrays. <b>2008</b> , 24, 433-4	8
933	An analytical pipeline for genomic representations used for cytosine methylation studies. <b>2008</b> , 24, 1161-7	47
932	A precisely regulated gene expression cassette potently modulates metastasis and survival in multiple solid cancers. <b>2008</b> , 4, e1000129	106
931	Somatic pairing of chromosome 19 in renal oncocytoma is associated with deregulated EGLN2-mediated [corrected] oxygen-sensing response. <b>2008</b> , 4, e1000176	52
930	The F-box protein ACRE189/ACIF1 regulates cell death and defense responses activated during pathogen recognition in tobacco and tomato. <b>2008</b> , 20, 697-719	116
929	Transcriptional and metabolic adjustments in ADP-glucose pyrophosphorylase-deficient bt2 maize kernels. <b>2008</b> , 146, 1553-70	17
928	Cell-free embryonic stem cell extract-mediated derivation of multipotent stem cells from NIH3T3 fibroblasts for functional and anatomical ischemic tissue repair. <b>2008</b> , 102, e107-17	58

927	Understanding the physics of oligonucleotide microarrays: the Affymetrix spike-in data reanalysed. <b>2008</b> , 5, 016004	19
926	Dysregulation of gene expression in primary neuron models of Huntington's disease shows that polyglutamine-related effects on the striatal transcriptome may not be dependent on brain circuitry. <b>2008</b> , 28, 9723-31	80
925	Applying gene expression, proteomics and single-nucleotide polymorphism analysis for complex trait gene identification. <b>2008</b> , 178, 1795-805	38
924	Afferent deprivation elicits a transcriptional response associated with neuronal survival after a critical period in the mouse cochlear nucleus. <b>2008</b> , 28, 10990-1002	20
923	A hidden spatial-temporal Markov random field model for network-based analysis of time course gene expression data. <b>2008</b> , 2,	45
922	In vitro analysis of tobramycin-treated <i>Pseudomonas aeruginosa</i> biofilms on cystic fibrosis-derived airway epithelial cells. <b>2008</b> , 76, 1423-33	135
921	Probes containing runs of guanines provide insights into the biophysics and bioinformatics of Affymetrix GeneChips. <b>2009</b> , 10, 259-77	21
920	Amino acid polymorphisms in <i>Arabidopsis</i> phytochrome B cause differential responses to light. <b>2008</b> , 105, 3157-62	85
919	The highly similar <i>Arabidopsis</i> homologs of trithorax ATX1 and ATX2 encode proteins with divergent biochemical functions. <b>2008</b> , 20, 568-79	153
918	Estrogenic status modulates aryl hydrocarbon receptor-mediated hepatic gene expression and carcinogenicity. <b>2008</b> , 29, 227-36	32
917	FIRMA: a method for detection of alternative splicing from exon array data. <b>2008</b> , 24, 1707-14	100
916	An improved physico-chemical model of hybridization on high-density oligonucleotide microarrays. <b>2008</b> , 24, 1278-85	38
915	GeneChips in Regenerative Medicine. <b>2008</b> , 562-578	
914	Robustified MANOVA with applications in detecting differentially expressed genes from oligonucleotide arrays. <b>2008</b> , 24, 1056-62	26
913	Bioconductor Case Studies. <b>2008</b> ,	46
912	Genes involved in differentiation, stem cell renewal, and tumorigenesis are modulated in telomerase-immortalized human urothelial cells. <b>2008</b> , 6, 1154-68	39
911	Transcriptome analyses and biofilm-forming characteristics of a clonal <i>Pseudomonas aeruginosa</i> from the cystic fibrosis lung. <b>2008</b> , 57, 1454-1465	43
910	Cross-hybridization modeling on Affymetrix exon arrays. <b>2008</b> , 24, 2887-93	32

909	The cyclin-dependent kinase inhibitor flavopiridol potentiates the effects of topoisomerase I poisons by suppressing Rad51 expression in a p53-dependent manner. <b>2008</b> , 68, 2312-20	44
908	Profiling gene expression in human placentae of different gestational ages: an OPRU Network and UW SCOR Study. <b>2008</b> , 15, 866-77	104
907	Session 2: Personalised nutrition. Transcriptomic signatures that have identified key features of metabolic syndrome. <b>2008</b> , 67, 395-403	4
906	Constitutively active Akt induces ectodermal defects and impaired bone morphogenetic protein signaling. <b>2008</b> , 19, 137-49	23
905	TRAIL is a novel antiviral protein against dengue virus. <b>2008</b> , 82, 555-64	55
904	Novel leptin-regulated genes revealed by transcriptional profiling of the hypothalamic paraventricular nucleus. <b>2008</b> , 28, 12419-26	96
903	From genetics to mechanism of disease liability. <b>2008</b> , 60, 701-26	2
902	Abnormal indices of cell cycle activity in schizophrenia and their potential association with oligodendrocytes. <b>2008</b> , 33, 2993-3009	79
901	Coordination of growth and endoplasmic reticulum stress signaling by regulator of calcineurin 1 (RCAN1), a novel ATF6-inducible gene. <b>2008</b> , 283, 14012-21	81
900	Lactaturia and loss of sodium-dependent lactate uptake in the colon of SLC5A8-deficient mice. <b>2008</b> , 283, 24729-37	52
899	Chronic rosiglitazone therapy normalizes expression of ACE1, SCD1 and other genes in the kidney of obese Zucker rats as determined by microarray analysis. <b>2008</b> , 116, 315-25	19
898	Microarray. <b>2008</b> , 1	
897	A functional and regulatory map of asthma. <b>2008</b> , 38, 324-36	43
896	Primary nasal epithelium exposed to house dust mite extract shows activated expression in allergic individuals. <b>2008</b> , 38, 293-9	40
895	dKDM2 couples histone H2A ubiquitylation to histone H3 demethylation during Polycomb group silencing. <b>2008</b> , 22, 2799-810	197
894	CressExpress: a tool for large-scale mining of expression data from Arabidopsis. <b>2008</b> , 147, 1004-16	98
893	Genomic expression analysis of rat chromosome 4 for skeletal traits at femoral neck. <b>2008</b> , 35, 191-6	11
892	Glucocorticoid (GC)-mediated down-regulation of urokinase plasminogen activator expression via the serum and GC regulated kinase-1/forkhead box O3a pathway. <b>2008</b> , 149, 2637-45	9

891	Thyroid hormone action in the adult brain: gene expression profiling of the effects of single and multiple doses of triiodo-L-thyronine in the rat striatum. <b>2008</b> , 149, 3989-4000	55
890	Systematic determination of differential gene expression in the primate corpus luteum during the luteal phase of the menstrual cycle. <b>2008</b> , 22, 1260-73	43
889	Use of diagnostic accuracy as a metric for evaluating laboratory proficiency with microarray assays using mixed-tissue RNA reference samples. <b>2008</b> , 9, 1753-63	11
888	Transcriptome targets of the exosome complex in plants. <b>2008</b> , 448, 429-43	1
887	The gene expression profiles of medulloblastoma cell lines resistant to preactivated cyclophosphamide. <b>2008</b> , 8, 172-9	28
886	Parallelized preprocessing algorithms for high-density oligonucleotide arrays. <b>2008</b> ,	4
885	From Microarrays to Promoters: The Visual Story of Stat3. <b>2008</b> ,	
884	Reproducibility-optimized test statistic for ranking genes in microarray studies. <b>2008</b> , 5, 423-431	47
883	Characterization of the effects and potential mechanisms leading to increased megakaryocytic differentiation under mild hyperthermia. <b>2008</b> , 17, 483-93	30
882	Comment. <b>2008</b> , 50, 271-274	
881	Tissue-specific RMA models to incrementally normalize Affymetrix GeneChip data. <b>2008</b> , 2008, 2419-22	3
880	Phenotype reversion in fetal human liver epithelial cells identifies the role of an intermediate meso-endodermal stage before hepatic maturation. <b>2008</b> , 121, 1002-13	32
879	Quality Assessment for Short Oligonucleotide Microarray Data. <b>2008</b> , 50, 241-264	84
878	Mechanistic Toxicogenomics: Design and Analysis of Microarray Experiments. 1-26	1
877	V2 vasopressin receptor deficiency causes changes in expression and function of renal and hypothalamic components involved in electrolyte and water homeostasis. <b>2008</b> , 295, F1177-90	18
876	Systemic signaling of the plant nitrogen status triggers specific transcriptome responses depending on the nitrogen source in <i>Medicago truncatula</i> . <b>2008</b> , 146, 2020-35	120
875	Estimating genome-wide copy number using allele-specific mixture models. <b>2008</b> , 15, 857-66	17
874	Multivariate segmentation in the analysis of transcription tiling array data. <b>2008</b> , 15, 845-56	3

873	Transcript profiling of Zea mays roots reveals gene responses to phosphate deficiency at the plant- and species-specific levels. <b>2008</b> , 59, 2479-97	108
872	Modeling background intensity in DNA microarrays. <b>2008</b> , 77, 061915	10
871	The genetic network controlling the Arabidopsis transcriptional response to Pseudomonas syringae pv. maculicola: roles of major regulators and the phytotoxin coronatine. <b>2008</b> , 21, 1408-20	54
870	p53 signaling in response to increased DNA damage sensitizes AML1-ETO cells to stress-induced death. <b>2008</b> , 111, 2190-9	77
869	Genetic endothelial systems biology of sickle stroke risk. <b>2008</b> , 111, 3872-9	40
868	Discovery of agents that eradicate leukemia stem cells using an in silico screen of public gene expression data. <b>2008</b> , 111, 5654-62	157
867	Expanded cells in monoclonal TCR-alpha-beta+/CD4+/NKa+/CD8-/dim T-LGL lymphocytosis recognize hCMV antigens. <b>2008</b> , 112, 4609-16	48
866	Gain of chromosome region 18q21 including the MALT1 gene is associated with the activated B-cell-like gene expression subtype and increased BCL2 gene dosage and protein expression in diffuse large B-cell lymphoma. <b>2008</b> , 93, 688-96	32
865	TOWARDS A CYTOKINE-CELL INTERACTION KNOWLEDGEBASE OF THE ADAPTIVE IMMUNE SYSTEM. <b>2008</b> ,	
864	A New Approach to Analysis and Interpretation of Toxicogenomic Gene Expression Data and its Importance in Examining Biological Responses to Low, Environmentally Relevant Doses of Toxicants. 27-57	5
863	Exploring the evolutionary history of the differentially expressed genes between human populations: action of recent positive selection. <b>2008</b> , 4, 171-9	1
862	Normalization and gene p-value estimation: issues in microarray data processing. <b>2008</b> , 2, 291-305	13
861	Pathway targets to explore in the treatment of non-small cell lung cancer. <b>2008</b> , 3, 1342-52	8
860	Renal translocation carcinomas: clinicopathologic, immunohistochemical, and gene expression profiling analysis of 31 cases with a review of the literature. <b>2008</b> , 32, 656-70	196
859	Gene expression patterns in deceased donor kidneys developing delayed graft function after kidney transplantation. <b>2008</b> , 85, 626-35	29
858	. <b>2008</b> ,	1
857	References. <b>2008</b> , 222-236	
856	Microarray-Based Genetic Mapping Using Soybean Near-Isogenic Lines and Generation of SNP Markers in the Rag1 Aphid-Resistance Interval. <b>2008</b> , 1,	22

855	Hematopoietic Lineage Transcriptome Stability and Representation in PAXgene Collected Peripheral Blood Utilising SPIA Single-Stranded cDNA Probes for Microarray. <b>2008</b> , 3, 403-417	6
854	Analyzing Complex Gene Expression Profiles in Sensorimotor Cortex Following Spinal Cord Injury and Regeneration Promoting Treatment. 61-89	1
853	Transcripts Associated with Non-Acclimated Freezing Response in Two Barley Cultivars. <b>2008</b> , 1,	10
852	Macrophage and T-cell gene expression in a model of early infection with the protozoan <i>Leishmania chagasi</i> . <b>2008</b> , 2, e252	36
851	Sex-related differences in gene expression in human skeletal muscle. <b>2008</b> , 3, e1385	106
850	Probing host pathogen cross-talk by transcriptional profiling of both <i>Mycobacterium tuberculosis</i> and infected human dendritic cells and macrophages. <b>2008</b> , 3, e1403	148
849	Gene expression profiling of a mouse model of pancreatic islet dysmorphogenesis. <b>2008</b> , 3, e1611	18
848	Physiology, pathology and relatedness of human tissues from gene expression meta-analysis. <b>2008</b> , 3, e1880	21
847	Efficient array-based identification of novel cardiac genes through differentiation of mouse ESCs. <b>2008</b> , 3, e2176	25
846	Pioglitazone enhances mitochondrial biogenesis and ribosomal protein biosynthesis in skeletal muscle in polycystic ovary syndrome. <b>2008</b> , 3, e2466	58
845	Gene expression and functional studies of the optic nerve head astrocyte transcriptome from normal African Americans and Caucasian Americans donors. <b>2008</b> , 3, e2847	16
844	Gene expression profiling of two distinct neuronal populations in the rodent spinal cord. <b>2008</b> , 3, e3415	7
843	Gene expression profiling in limb-girdle muscular dystrophy 2A. <b>2008</b> , 3, e3750	34
842	Systems analysis unfolds the relationship between the phosphoketolase pathway and growth in <i>Aspergillus nidulans</i> . <b>2008</b> , 3, e3847	36
841	The cerebral microvasculature in schizophrenia: a laser capture microdissection study. <b>2008</b> , 3, e3964	69
840	Hedgehog signaling regulates epithelial-mesenchymal transition during biliary fibrosis in rodents and humans. <b>2008</b> , 118, 3331-42	259
839	Interferon gamma-signature transcript profiling and IL-23 upregulation in response to <i>Helicobacter pylori</i> infection. <b>2008</b> , 21, 515-26	16
838	A biological evaluation of six gene set analysis methods for identification of differentially expressed pathways in microarray data. <b>2008</b> , 6, 357-68	11

837	Affymetrix Whole-Transcript Human Gene 1.0 ST array is highly concordant with standard 3' expression arrays. <b>2008</b> , 44, 759-62	28
836	What Does PLIER Really Do?. <b>2008</b> , 6, 117693510800600	19
835	Drinking-water arsenic exposure modulates gene expression in human lymphocytes from a U.S. population. <b>2008</b> , 116, 524-31	114
834	Is gene activity in plant cells affected by UMTS-irradiation? A whole genome approach. <b>2008</b> , 1, 71-83	3
833	. <b>2009</b> ,	59
832	Goober: A fully integrated and user-friendly microarray data management and analysis solution for core labs and bench biologists. <b>2009</b> , 6,	1
831	Genes involved in viral carcinogenesis and tumor initiation in hepatitis C virus-induced hepatocellular carcinoma. <b>2009</b> , 15, 85-94	214
830	GaGa: A parsimonious and flexible model for differential expression analysis. <b>2009</b> , 3,	13
829	Molecular Signatures of Obstructive Sleep Apnea in Adults: A Review and Perspective. <b>2009</b> ,	
828	One-month diesel exhaust inhalation produces hypertensive gene expression pattern in healthy rats. <b>2009</b> , 117, 38-46	49
827	D-MaPs - DNA-microarray projects: Web-based software for multi-platform microarray analysis. <b>2009</b> , 32, 634-9	2
826	Microarray data analysis of gene expression evolution. <b>2009</b> , 3, 211-4	
825	Microarray-based transcriptional profiling of renieramycin M and jorunnamycin C, isolated from Thai marine organisms. <b>2009</b> , 7, 483-94	8
824	Molecular signatures of obstructive sleep apnea in adults: a review and perspective. <b>2009</b> , 32, 447-70	243
823	Using pathway signatures as means of identifying similarities among microarray experiments. <b>2009</b> , 4, e4128	25
822	Overexpression of myocilin in the Drosophila eye activates the unfolded protein response: implications for glaucoma. <b>2009</b> , 4, e4216	36
821	Rapid changes in transcription profiles of the Plasmodium yoelii yir multigene family in clonal populations: lack of epigenetic memory?. <b>2009</b> , 4, e4285	23
820	The effect of transposable element insertions on gene expression evolution in rodents. <b>2009</b> , 4, e4321	27



819	Age and diet affect gene expression profile in canine skeletal muscle. <b>2009</b> , 4, e4481	15
818	Emergent genome-wide control in wildtype and genetically mutated lipopolysaccharides-stimulated macrophages. <b>2009</b> , 4, e4905	38
817	Comparison of gene expression profile in embryonic mesencephalon and neuronal primary cultures. <b>2009</b> , 4, e4977	9
816	Choreography of the transcriptome, photophysiology, and cell cycle of a minimal photoautotroph, prochlorococcus. <b>2009</b> , 4, e5135	147
815	Evaluation of microarray preprocessing algorithms based on concordance with RT-PCR in clinical samples. <b>2009</b> , 4, e5645	67
814	Custom design and analysis of high-density oligonucleotide bacterial tiling microarrays. <b>2009</b> , 4, e5943	15
813	Gene expression in skeletal muscle biopsies from people with type 2 diabetes and relatives: differential regulation of insulin signaling pathways. <b>2009</b> , 4, e6575	73
812	The Warburg effect is genetically determined in inherited pheochromocytomas. <b>2009</b> , 4, e7094	179
811	Effect of DLK1 and RTL1 but not MEG3 or MEG8 on muscle gene expression in Callipyge lambs. <b>2009</b> , 4, e7399	37
810	Probe-level analysis of expression microarrays characterizes isoform-specific degradation during mouse oocyte maturation. <b>2009</b> , 4, e7479	26
809	Enteric neural crest differentiation in ganglioneuromas implicates Hedgehog signaling in peripheral neuroblastic tumor pathogenesis. <b>2009</b> , 4, e7491	19
808	Alternative splicing and transcriptome profiling of experimental autoimmune encephalomyelitis using genome-wide exon arrays. <b>2009</b> , 4, e7773	18
807	Erk1 and Erk2 regulate endothelial cell proliferation and migration during mouse embryonic angiogenesis. <b>2009</b> , 4, e8283	108
806	Isolating highly enriched populations of circulating epithelial cells and other rare cells from blood using a magnetic sweeper device. <b>2009</b> , 106, 3970-5	385
805	Immunological profiles of <i>Bos taurus</i> and <i>Bos indicus</i> cattle infested with the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> . <b>2009</b> , 16, 1074-86	70
804	Data Analysis of Arabidopsis Tiling Array. <b>2009</b> ,	
803	Application of Biostatistics and Bioinformatics Tools to Identify Putative Transcription Factor-Gene Regulatory Network of Ankylosing Spondylitis and Sarcoidosis. <b>2009</b> , 38, 3326-3338	4
802	Log-Linear Models for Gene Association. <b>2009</b> , 104, 597-607	4

801	GRISSOM web based grid portal: Exploiting the power of grid infrastructure for the interpretation and storage of DNA microarray experiments. <b>2009</b> ,	1
800	Exploratory study on the transcriptional profile of pigs subclinically infected with porcine circovirus type 2. <b>2009</b> , 20, 96-109	10
799	Prediction of cancer outcome using DNA microarray technology: past, present and future. <b>2009</b> , 3, 157-65	11
798	The Implementation and Application of the Microarray Preprocessing Generalized PDNN Model. <b>2009</b> ,	
797	PROBER: Segmentation and Differential Analysis Tool for Tiling Microarray Data. <b>2009</b> ,	
796	Background adjustment for DNA microarrays using a database of microarray experiments. <b>2009</b> , 16, 1501-15	7
795	z-Leuciny-leuciny-norleucinal induces apoptosis of human glioblastoma tumor-initiating cells by proteasome inhibition and mitotic arrest response. <b>2009</b> , 7, 1822-34	28
794	A conserved transcriptional regulator is required for RNA-directed DNA methylation and plant development. <b>2009</b> , 23, 2717-22	76
793	Prediction of clinical outcome in multiple lung cancer cohorts by integrative genomics: implications for chemotherapy selection. <b>2009</b> , 69, 1055-62	44
792	Normalization and statistical analysis of quantitative proteomics data generated by metabolic labeling. <b>2009</b> , 8, 2227-42	99
791	Identification of a Stat3-dependent transcription regulatory network involved in metastatic progression. <b>2009</b> , 69, 6823-30	89
790	Substrate specificity of streptococcal unsaturated glucuronyl hydrolases for sulfated glycosaminoglycan. <b>2009</b> , 284, 18059-69	27
789	Immune profile and mitotic index of metastatic melanoma lesions enhance clinical staging in predicting patient survival. <b>2009</b> , 106, 20429-34	257
788	In This Issue. <b>2009</b> , 106, 3641-3642	1
787	Intensity isotherms and distributions on oligonucleotide microarrays. <b>2009</b> ,	
786	Overestimation of alternative splicing caused by variable probe characteristics in exon arrays. <b>2009</b> , 37, e107	21
785	Functional analysis of alpha-DOX2, an active alpha-dioxygenase critical for normal development in tomato plants. <b>2009</b> , 151, 1421-32	30
784	Refining molecular pathways leading to calcific aortic valve stenosis by studying gene expression profile of normal and calcified stenotic human aortic valves. <b>2009</b> , 2, 489-98	93

783	Systems biology of autosomal dominant polycystic kidney disease (ADPKD): computational identification of gene expression pathways and integrated regulatory networks. <b>2009</b> , 18, 2328-43	172
782	Tumor recognition and self-recognition induce distinct transcriptional profiles in antigen-specific CD4 T cells. <b>2009</b> , 182, 4675-85	31
781	Axonal mRNA in uninjured and regenerating cortical mammalian axons. <b>2009</b> , 29, 4697-707	275
780	Human CD4+ memory T cells are preferential targets for bystander activation and apoptosis. <b>2009</b> , 182, 1962-71	34
779	Ripening-regulated susceptibility of tomato fruit to <i>Botrytis cinerea</i> requires NOR but not RIN or ethylene. <b>2009</b> , 150, 1434-49	108
778	Deciphering transcriptional and metabolic networks associated with lysine metabolism during <i>Arabidopsis</i> seed development. <b>2009</b> , 151, 2058-72	74
777	MLH1 expression sensitises ovarian cancer cells to cell death mediated by XIAP inhibition. <b>2009</b> , 101, 269-77	20
776	A light-independent allele of phytochrome B faithfully recapitulates photomorphogenic transcriptional networks. <b>2009</b> , 2, 166-82	57
775	Functional analysis of transcription factors in <i>Arabidopsis</i> . <b>2009</b> , 50, 1232-48	200
774	Stability from structure: metabolic networks are unlike other biological networks. <b>2009</b> , 630695	2
773	KDR activating mutations in human angiosarcomas are sensitive to specific kinase inhibitors. <b>2009</b> , 69, 7175-9	208
772	<i>Agrobacterium tumefaciens</i> promotes tumor induction by modulating pathogen defense in <i>Arabidopsis thaliana</i> . <b>2009</b> , 21, 2948-62	123
771	Divergent transcriptomic responses to aryl hydrocarbon receptor agonists between rat and human primary hepatocytes. <b>2009</b> , 112, 257-72	45
770	In vivo interference with AtTCP20 function induces severe plant growth alterations and deregulates the expression of many genes important for development. <b>2009</b> , 149, 1462-77	116
769	Network-based multiple locus linkage analysis of expression traits. <b>2009</b> , 25, 1390-6	14
768	Dengue virus infection differentially regulates endothelial barrier function over time through type I interferon effects. <b>2009</b> , 200, 191-201	37
767	A unified mixed effects model for gene set analysis of time course microarray experiments. <b>2009</b> , 8, Article 47	27
766	Multivariate analysis of variance test for gene set analysis. <b>2009</b> , 25, 897-903	81

765	Moderated effect size and P-value combinations for microarray meta-analyses. <b>2009</b> , 25, 2692-9	111
764	Impact of the chemotherapy cocktail used to treat testicular cancer on the gene expression profile of germ cells from male Brown-Norway rats. <b>2009</b> , 80, 320-7	25
763	Normalization method for transcriptional studies of heterogeneous samples--simultaneous array normalization and identification of equivalent expression. <b>2009</b> , 8, Article 10	9
762	Unraveling transcriptional control in Arabidopsis using cis-regulatory elements and coexpression networks. <b>2009</b> , 150, 535-46	173
761	Genomic characterization of esophageal squamous cell carcinoma from a high-risk population in China. <b>2009</b> , 69, 5908-17	46
760	Identifying genes for establishing a multigenic test for hepatocellular carcinoma surveillance in hepatitis C virus-positive cirrhotic patients. <b>2009</b> , 18, 2929-32	26
759	Subsets of very low risk Wilms tumor show distinctive gene expression, histologic, and clinical features. <b>2009</b> , 15, 6800-9	46
758	Transcriptional regulation of metabolism associated with the increased desiccation resistance of the cactophilic <i>Drosophila mojavensis</i> . <b>2009</b> , 182, 1279-88	31
757	The population genomics of trans-specific inversion polymorphisms in <i>Anopheles gambiae</i> . <b>2009</b> , 183, 275-88	44
756	Computational and functional analysis of growth hormone (GH)-regulated genes identifies the transcriptional repressor B-cell lymphoma 6 (Bcl6) as a participant in GH-regulated transcription. <b>2009</b> , 150, 3645-54	26
755	Resampling reveals sample-level differential expression in clinical genome-wide studies. <b>2009</b> , 13, 381-96	9
754	A radiation-derived gene expression signature predicts clinical outcome for breast cancer patients. <b>2009</b> , 171, 141-54	8
753	In GnRH antagonist/rec-FSH stimulated cycles, advanced endometrial maturation on the day of oocyte retrieval correlates with altered gene expression. <b>2009</b> , 24, 1085-91	73
752	Temporal global expression data reveal known and novel salicylate-impacted processes and regulators mediating powdery mildew growth and reproduction on <i>Arabidopsis</i> . <b>2009</b> , 149, 1435-51	54
751	Patterns of gene expression and copy-number alterations in von-hippel lindau disease-associated and sporadic clear cell carcinoma of the kidney. <b>2009</b> , 69, 4674-81	327
750	Comparative prion disease gene expression profiling using the prion disease mimetic, cuprizone. <b>2009</b> , 3, 99-109	16
749	Involvement of glypican-3 in the recruitment of M2-polarized tumor-associated macrophages in hepatocellular carcinoma. <b>2009</b> , 8, 2329-38	49
748	Inflammation, but not hypoxia, mediated HIF-1alpha activation depends on COX-2. <b>2009</b> , 8, 31-5	39

747	How to keep the brain awake? The complex molecular pharmacogenetics of wake promotion. <b>2009</b> , 34, 1625-40	49
746	Gene expression profiling identifies MMP-12 and ADAMDEC1 as potential pathogenic mediators of pulmonary sarcoidosis. <b>2009</b> , 179, 929-38	102
745	A Bayesian model for cross-study differential gene expression. <b>2009</b> , 104, 1295-1310	27
744	The direct effects of tacrolimus and cyclosporin A on isolated human islets: A functional, survival and gene expression study. <b>2009</b> , 1, 106-10	26
743	Longitudinal system-based analysis of transcriptional responses to type I interferons. <b>2009</b> , 38, 362-71	25
742	Isoform-specific transcriptional activity of overlapping target genes that respond to thyroid hormone receptors alpha1 and beta1. <b>2009</b> , 23, 1758-75	45
741	Chloroplast photooxidation-induced transcriptome reprogramming in Arabidopsis thaliana white leaf sectors. <b>2009</b> , 150, 904-23	62
740	BeadDataPackR: A Tool to Facilitate the Sharing of Raw Data from Illumina BeadArray Studies. <b>2010</b> , 9, 217-27	1
739	Gene expression analysis in SV-40 immortalized human corneal epithelial cells cultured with an air-liquid interface. <b>2010</b> , 16, 2109-20	23
738	Bayesian Gaussian Mixture Models for High-Density Genotyping Arrays. <b>2008</b> , 103, 89-100	3
737	Keratin 13 is a more specific marker of conjunctival epithelium than keratin 19. <b>2011</b> , 17, 1652-61	61
736	Computing gene expression data with a knowledge-based gene clustering approach. <b>2010</b> , 1, 51-68	4
735	Using the R Package cplmm for Genotyping and Copy Number Estimation. <b>2011</b> , 40, 1-32	445
734	Predicting the effects of copy-number variation in double and triple mutant combinations. <b>2012</b> , 19-30	2
733	Transcriptional Modulation of the ERK1/2 MAPK and NF- $\kappa$ B Pathways in Human Urothelial Cells After Trivalent Arsenical Exposure: Implications for Urinary Bladder Cancer. <b>2012</b> , 1, 57-68	9
732	Ocular fibroblast types differ in their mRNA profiles--implications for fibrosis prevention after aqueous shunt implantation. <b>2013</b> , 19, 1321-31	6
731	Database integration of 4923 publicly-available samples of breast cancer molecular and clinical data. <b>2013</b> , 2013, 138-42	3
730	Altered gene expression in dry age-related macular degeneration suggests early loss of choroidal endothelial cells. <b>2013</b> , 19, 2274-97	41

729	Expression profiling of the RPE in zebrafish smarca4 mutant revealed altered signals that potentially affect RPE and retinal differentiation. <b>2014</b> , 20, 56-72	2
728	Robust reverse engineering of dynamic gene networks under sample size heterogeneity. <b>2014</b> , 265-76	
727	SET domain-containing Protein 4 (SETD4) is a Newly Identified Cytosolic and Nuclear Lysine Methyltransferase involved in Breast Cancer Cell Proliferation. <b>2013</b> , 5, 58-65	17
726	Activation of YAP1 is associated with poor prognosis and response to taxanes in ovarian cancer. <b>2014</b> , 34, 811-817	46
725	Identification of B cells participated in the mechanism of postmenopausal women osteoporosis using microarray analysis. <b>2015</b> , 8, 1027-34	10
724	The metastasis suppressor NME1 regulates expression of genes linked to metastasis and patient outcome in melanoma and breast carcinoma. <b>2014</b> , 11, 175-94	27
723	Gene function analysis in osteosarcoma based on microarray gene expression profiling. <b>2015</b> , 8, 10401-10	9
722	Dysregulated expression of microRNAs and mRNAs in myocardial infarction. <b>2015</b> , 7, 2291-304	22
721	SEPARATING THE CAUSES AND CONSEQUENCES IN DISEASE TRANSCRIPTOME. <b>2016</b> , 21, 381-92	
720	TMEM45A, SERPINB5 and p16INK4A transcript levels are predictive for development of high-grade cervical lesions. <b>2016</b> , 6, 1524-36	12
719	Estimation of Gene Regulatory Networks. <b>2013</b> , 1, 60-69	2
718	[Screening key genes associated with the development and progression of non-small cell lung cancer based on gene-enrichment analysis and meta-analysis]. <b>2012</b> , 15, 416-21	
717	Robust gene network analysis reveals alteration of the STAT5a network as a hallmark of prostate cancer. <b>2010</b> , 24, 139-53	4
716	[Screening of biomarkers related with leukocyte responses early after burn injury in mice by differential gene expression profiling]. <b>2017</b> , 37, 767-773	1
715	Gene Variability Between Perineural-positive and Perineural-negative Squamous Cell Skin Cancers. <b>2016</b> , 36, 4007-11	3
714	miR-601 inhibits proliferation, migration and invasion of prostate cancer stem cells by targeting KRT5 to inactivate the Wnt signaling pathway. <b>2019</b> , 12, 4361-4379	10
713	Transcriptome profiling reveals an integrated mRNA-lncRNA signature with predictive value for long-term survival in diffuse large B-cell lymphoma. <b>2020</b> , 12, 23275-23295	1
712	Reconstruction of Intercellular Signaling Network by Cytokine-Receptor Interactions. <b>2021</b> , 19, e2560	

711	Bioinformatics analysis of epigenetic and SNP-related molecular markers in systemic lupus erythematosus. <b>2021</b> , 13, 6312-6329	
710	CSE1L silencing impairs tumor progression via MET/STAT3/PD-L1 signaling in lung cancer. <b>2021</b> , 11, 4380-4393	
709	Systems biomarkers for papillary thyroid cancer prognosis and treatment through multi-omics networks. <b>2021</b> , 715, 109085	0
708	Bioinformatics of Human Genetic Disease Studies. <b>2021</b> , 228-264	
707	Role of caveolin-1 as a biomarker for radiation resistance and tumor aggression in lung cancer. <b>2021</b> , 16, e0258951	1
706	Dietary palmitic acid promotes a prometastatic memory via Schwann cells. <b>2021</b> , 599, 485-490	27
705	hnRNPA1/UP1 Unfolds G-Quadruplexes and Feeds a Regulatory Axis Controlling Gene Expression.. <b>2021</b> , 6, 34092-34106	1
704	Vorinostat corrects cognitive and non-cognitive symptoms in a mouse model of fragile X syndrome. <b>2021</b> ,	1
703	Deep Learning Analyses to Delineate the Molecular Remodeling Process after Myocardial Infarction.. <b>2021</b> , 10,	0
702	A Unified Genomic Mechanism of Cell-Fate Change.	1
701	Long noncoding RNAs to predict postoperative recurrence in bladder cancer and to develop a new molecular classification system. <b>2021</b> ,	1
700	Exploiting convergent evolution to derive a pan-cancer cisplatin sensitivity gene expression signature.	1
699	B Cell Signatures Distinguish Cutaneous Lupus Erythematosus Subtypes and the Presence of Systemic Disease Activity. <b>2021</b> , 12, 775353	1
698	Prediction of molecular markers of bovine mastitis by meta-analysis of differentially expressed genes using combined p-value and robust rank aggregation.	
697	Association of Differential Mast Cell Activation to Granulocytic Inflammation in Severe Asthma. <b>2021</b> ,	1
696	The Construction and Comprehensive Analysis of a ceRNA Immunoregulatory Network and Tissue-Infiltrating Immune Cells in Atrial Fibrillation. <b>2021</b> , 14, 9051-9066	0
695	BSG/CD147 and ACE2 receptors facilitate SARS-CoV-2 infection of human iPS cell-derived kidney podocytes. <b>2021</b> ,	0
694	Establishment and Validation of a Gene Signature-Based Prognostic Model to Improve Survival Prediction in Adrenocortical Carcinoma Patients. <b>2021</b> , 2021, 2077633	0

- 693 Notch signaling and natural killer cell infiltration in tumor tissues underlie medulloblastoma prognosis. **2021**, 11, 23282 ○
- 692 Neoadjuvant endocrine therapy expands stromal populations that predict poor prognosis in estrogen receptor-positive breast cancer. **2021**, ○
- 691 Anti-inflammatory therapy protects spiral ganglion neurons after aminoglycoside antibiotic-induced hair cell loss.
- 690 Mesenchymal stromal cells mitigate liver damage after extended resection in the pig by modulating thrombospondin-1/TGF- $\beta$ . **2021**, 6, 84 1
- 689 Exerting the Appropriate Application of Methylprednisolone in Acute Spinal Cord Injury Based on Time Course Transcriptomics Analysis. **2021**, 22, 1
- 688 Identifying F-FDG PET-metabolic radiomic signature for lung adenocarcinoma prognosis via the leveraging of prognostic transcriptomic module.. **2022**, 12, 1893-1908 ○
- 687 Fundamental Boolean network modelling for childhood acute lymphoblastic leukaemia pathways. **2021**,
- 686 RefEX: Reference Expression Dataset. **2021**, 117-133
- 685 A review and meta-analysis of gene expression profiles in suicide.. **2021**, 56, 39-49 1
- 684 The Screening and Identification of Key Biomarkers in Adrenocortical Carcinoma: Evidence from a Bioinformatics Analysis. **2022**, 12, 523-532
- 683 Transcriptome profiling reveals an integrated mRNA $\lrcorner$ lncRNA signature with predictive value for long-term survival in diffuse large B-cell lymphoma. **2020**, 12, 23275-23295 1
- 682 Transcriptome changes in maternal peripheral blood during term parturition mimic perturbations preceding spontaneous Preterm birth $\square$  **2021**, ○
- 681 Transcriptomics Analysis Indicates Trifarotene Reverses Acne-Related Gene Expression Changes. **2021**, 8, 745822 1
- 680 Surgical trauma is associated with renal immune cell activation in rats: A microarray study. **2021**, 9, e15142 1
- 679 Comprehensive Analysis to Identify Key Genes Involved in Advanced Atherosclerosis.. **2021**, 2021, 4026604 ○
- 678 Multi-time scale transcriptomic analysis on the dynamic process of tamoxifen resistance development in breast cancer cell lines.. **2022**, 1
- 677 Itaconate and derivatives reduce interferon responses and inflammation in influenza A virus infection.. **2022**, 18, e1010219 4
- 676 A cellular hierarchy framework for understanding heterogeneity and predicting drug response in AML.



675	An integrated in silico analysis highlighted angiogenesis regulating miRNA-mRNA network in PCOS pathophysiology.. <b>2022</b> , 39, 427	0
674	Circular Network of Coregulated Sphingolipids Dictates Chronic Hypoxia Damage in Patients With Tetralogy of Fallot.. <b>2021</b> , 8, 780123	0
673	Diverging metabolic effects of two energy restricted diets differing in nutrient quality: a 12-week randomized controlled trial in subjects with abdominal obesity.. <b>2022</b> ,	0
672	LCN2 as a Potential Diagnostic Biomarker for Ulcerative Colitis-Associated Carcinogenesis Related to Disease Duration.. <b>2021</b> , 11, 793760	1
671	Early-life viral infections are associated with disadvantageous immune and microbiota profiles and recurrent respiratory infections.. <b>2022</b> ,	1
670	CBioExplorer: a web and standalone application for screening, validation, and annotation of cancer survival related biomarkers from molecular level to clinical settings.	
669	Identification of a glioma functional network from gene fitness data using machine learning.. <b>2022</b> ,	2
668	Functional genomic identification of predictors of sensitivity and mechanisms of resistance to multivalent 2nd generation TRAIL-R2 agonists.. <b>2022</b> ,	
667	Spatiotemporal analysis identifies ABF2 and ABF3 as key hubs of endodermal response to nitrate.. <b>2022</b> , 119,	1
666	Transcriptome Analyses Reveal Systematic Molecular Pathology After Optic Nerve Crush.. <b>2021</b> , 15, 800154	0
665	Single-Cell Profiles of Age-Related Osteoarthritis Uncover Underlying Heterogeneity Associated With Disease Progression.. <b>2021</b> , 8, 748360	1
664	Improved prognosis and evidence of enhanced immunogenicity in tumor and circulation of high-risk melanoma patients with unknown primary.. <b>2022</b> , 10,	0
663	Metabolic Variation Dictates Cardiac Pathogenesis in Patients With Tetralogy of Fallot.. <b>2021</b> , 9, 819195	0
662	Immune translational control by CPEB4 regulates intestinal inflammation resolution and colorectal cancer development.. <b>2022</b> , 25, 103790	
661	Overview of Gene Expression Analysis in Gastric Disease Infected with Helicobacter pylori: CLDN1 and MMP9 Could Be Biomarkers for Early Diagnosis of Gastric Cancer. <b>2022</b> , 10, 196	
660	Tests and classification methods in adaptive designs with applications. 1-24	
659	Identification of Thrombosis-Related Genes in Patients with Advanced Gastric Cancer: Data from AGAMENON-SEOM Registry.. <b>2022</b> , 10,	1
658	PRECISION.seq: An R Package for Benchmarking Depth Normalization in microRNA Sequencing.. <b>2021</b> , 12, 823431	

657	Systemic Analyses of the Expression of TPI1 and Its Associations with Tumor Microenvironment in Lung Adenocarcinoma and Squamous Cell Carcinoma.. <b>2022</b> , 2022, 6258268	
656	Loss of SDHB Induces a Metabolic Switch in the hPheo1 Cell Line toward Enhanced OXPHOS.. <b>2022</b> , 23,	1
655	Cross-hierarchical plasticity of corticofugal projections to dLGN after neonatal monocular enucleation.. <b>2022</b> ,	0
654	Blood Gene Expression Risk Profiles and Interstitial Lung Abnormalities: COPDGene and ECLIPSE cohort studies.	
653	A Tumor Suppressor Gene-Based Prognostic Classifier Predicts Prognosis, Tumor Immune Infiltration, and Small Molecule Compounds in Breast Cancer.. <b>2021</b> , 12, 783026	1
652	Hypoxia induces radioresistance, epithelial-mesenchymal transition, cancer stem cell-like phenotype and changes in genes possessing multiple biological functions in head and neck squamous cell carcinoma.. <b>2022</b> , 47,	1
651	Hyperbaric oxygen therapy after mid-cervical spinal contusion injury.. <b>2022</b> ,	
650	Transient inhibition of the JAK/STAT pathway prevents B-ALL development in genetically predisposed mice.. <b>2022</b> ,	0
649	Identifying Significant Genes and Functionally Enriched Pathways in Familial Hypercholesterolemia Using Integrated Gene Co-Expression Network Analysis. <b>2022</b> ,	0
648	Suppression of tumor metastasis by a RECK-activating small molecule.. <b>2022</b> , 12, 2319	0
647	Long Non-Coding RNA- Associated Competing Endogenous RNA Axes in T-Cells in Multiple Sclerosis.. <b>2021</b> , 12, 770679	2
646	CXCL8/CXCR2 signaling mediates bone marrow fibrosis and represents a therapeutic target in myelofibrosis.	1
645	Integrative analysis of lung molecular signatures reveals key drivers of idiopathic pulmonary fibrosis. <b>2021</b> , 21, 404	2
644	Beyondcell: targeting cancer therapeutic heterogeneity in single-cell RNA-seq data.. <b>2021</b> , 13, 187	3
643	Comparison Between Expression Microarrays and RNA-Sequencing Using UKBEC Dataset Identified a-eQTL Associated with Gene in Substantia Nigra. <b>2020</b> , 1, 100001	
642	Integrative Analysis for Identification of Therapeutic Targets and Prognostic Signatures in Non-Small Cell Lung Cancer.. <b>2022</b> , 16, 11779322221088796	1
641	Identification of important genes involved in priming induced drought tolerance in barley through transcriptomic data mining. <b>2022</b> ,	
640	Genetic variants related to systemic lupus erythematosus revealed using bioinformatics. <b>2022</b> , 20, 205873922110704	

- 639 miR-184-5p inhibits cell proliferation, invasion and predicts prognosis of clear cell renal cell carcinoma by targeting NUS1 dehydrodolichyl diphosphate synthase subunit: Results from large-scale comprehensive identification and validation.. **2022**, 13, 1398-1409 2
- 638 Identification of epigenetic genes for predicting prognosis and immunotherapy response of ovarian cancer.. **2022**,
- 637 Identifying Prognostic Markers of Non-small Cell Lung Carcinoma Using Bioinformatics. **2022**, 535-545
- 636 Glucagon-like peptide-2 stimulates S-phase entry of intestinal Lgr5+ stem cells.. **2022**, 2
- 635 Comprehensive Characterization of Metabolism-Associated Subtypes of Renal Cell Carcinoma to Aid Clinical Therapy.. **2022**, 2022, 9039732
- 634 Augmentation of Transcriptomic Data for Improved Classification of Patients with Respiratory Diseases of Viral Origin.. **2022**, 23, 0
- 633 Ribbon boosts ribosomal protein gene expression to coordinate organ form and function.. **2022**, 221,
- 632 Identification of differentially expressed and methylated genes and construction of a co-expression network in age-related macular degeneration.. **2022**, 10, 223 0
- 631 The extended concurrent genes signature for disease-free survival in breast cancer.. **2022**, 0
- 630 Bioinformatic Analysis for the Prognostic Implication of Genes Encoding Epithelial Sodium Channel in Cervical Cancer.. **2022**, 15, 1777-1787 0
- 629 ETV2 regulates PARP-1 binding protein to induce ER stress-mediated death in tuberin-deficient cells.. **2022**, 5, 0
- 628 Analysis of Gene Expression Microarray Data Reveals Androgen-Responsive Genes of Muscles in Polycystic Ovarian Syndrome Patients. **2022**, 10, 387
- 627 Scalable reverse-engineering of gene regulatory networks from time-course measurements. 0
- 626 Identifying and Validating of an Autophagy-Related Gene Signature for the Prediction of Early Relapse in Breast Cancer.. **2022**, 13, 824362 0
- 625 Targeting the TP53/MDM2 axis enhances radiation sensitivity in atypical teratoid rhabdoid tumors.. **2022**, 60, 1
- 624 Expression of MicroRNAs Is Dysregulated by HIV While Drives Alterations of Small Nucleolar RNAs in HIV Positive Adults With Active Tuberculosis.. **2021**, 12, 808250 0
- 623 Identification and Analysis of // Competing Endogenous RNA Axis in Late-Onset Alzheimer's Disease Using Bioinformatic and Experimental Approaches.. **2022**, 14, 812169 0
- 622 MET Exon 14 Splice-Site Mutations Preferentially Activate KRAS Signaling to Drive Tumourigenesis.. **2022**, 14, 0

621	mRNA expression analysis of the hippocampus in a vervet monkey model of fetal alcohol spectrum disorder.. <b>2022</b> , 14, 21	1
620	Identification of Immune-Related Breast Cancer Chemotherapy Resistance Genes Bioinformatics Approaches.. <b>2022</b> , 12, 772723	
619	DeepTTA: a transformer-based model for predicting cancer drug response.. <b>2022</b> ,	1
618	HPS protects the liver against steatosis, cell death, inflammation and fibrosis in mice with steatohepatitis.. <b>2022</b> ,	0
617	Nr6a1 controls axially-restricted body elongation, segmentation, patterning and lineage allocation.	
616	Ketogenic HMG-CoA lyase and its product $\beta$ -hydroxybutyrate promote pancreatic cancer progression.. <b>2022</b> , e110466	2
615	Identification of Key microRNAs and Genes in Infantile Hemangiomas.. <b>2022</b> , 13, 766561	0
614	Human constitutive androstane receptor represses liver cancer development and hepatoma cell proliferation by inhibiting erythropoietin signaling.. <b>2022</b> , 101885	1
613	Large-Scale Integrative Analysis of Soybean Transcriptome Using an Unsupervised Autoencoder Model.. <b>2022</b> , 13, 831204	
612	TREM2 and CD163 Ameliorate Microglia-Mediated Inflammatory Environment in the Aging Brain.. <b>2022</b> , 1	1
611	Surfaceome analyses uncover CD98hc as an antibody drug-conjugate target in triple negative breast cancer.. <b>2022</b> , 41, 106	0
610	Role of Nuclear-Receptor-Related 1 in the Synergistic Neuroprotective Effect of Umbilical Cord Blood and Erythropoietin Combination Therapy in Hypoxic Ischemic Encephalopathy.. <b>2022</b> , 23,	0
609	Identifying metabolic reprogramming phenotypes with glycolysis-lipid metabolism discoordination and intercellular communication for lung adenocarcinoma metastasis.. <b>2022</b> , 5, 198	0
608	Prognostic Impact of High Baseline Stromal Tumor-Infiltrating Lymphocytes in the Absence of Pathologic Complete Response in Early-Stage Triple-Negative Breast Cancer.. <b>2022</b> , 14,	
607	Gene profiling reveals a contact allergy signature in most positive Amerchol L-101 patch-test reactions.. <b>2022</b> ,	1
606	ATTED-II v11: A Plant Gene Coexpression Database Using a Sample Balancing Technique by Subgating of Principal Components.. <b>2022</b> ,	3
605	Artificial intelligence-rationalized balanced PPAR $\alpha$ agonism resets dysregulated macrophage processes in inflammatory bowel disease.. <b>2022</b> , 5, 231	1
604	Genome-wide DNA methylation patterns reveal clinically relevant predictive and prognostic subtypes in human osteosarcoma.. <b>2022</b> , 5, 213	1

603	Transcriptomics and Metabolomics Identify Drug Resistance of Dormant Cell in Colorectal Cancer.. <b>2022</b> , 13, 879751	0
602	Molecular mechanisms of Huanglian jiedu decoction on ulcerative colitis based on network pharmacology and molecular docking.. <b>2022</b> , 12, 5526	0
601	Tyrosine Phosphatase PTPRO Deficiency in ERBB2-Positive Breast Cancer Contributes to Poor Prognosis and Lapatinib Resistance.. <b>2022</b> , 13, 838171	1
600	Identification of novel nutrient-sensitive gene regulatory networks in amniotic fluid from fetuses with spina bifida using miRNA and transcription factor network analysis.	
599	The solute carrier family 7 member 11 (SLC7A11) is regulated by LH/androgen and required for cystine/glutathione homeostasis in mouse Sertoli cells.. <b>2022</b> , 111641	0
598	Network-based integrated analysis for toxic effects of high-concentration formaldehyde inhalation exposure through the toxicogenomic approach.. <b>2022</b> , 12, 5645	0
597	Systems genetics in the rat HXB/BXH family identifies Tti2 as a pleiotropic quantitative trait gene for adult hippocampal neurogenesis and serum glucose.. <b>2022</b> , 18, e1009638	0
596	Epithelial-to-Mesenchymal Transition Mediates Resistance to Maintenance Therapy with Vinflunine in Advanced Urothelial Cell Carcinoma.. <b>2021</b> , 13,	1
595	Potential Biomarkers Associated with Differential Manifestations of Ulcerative Colitis (UC) in Uyghur and Han Population in China.. <b>2021</b> , 14, 7431-7441	
594	AMDBNorm: an approach based on distribution adjustment to eliminate batch effects of gene expression data.. <b>2021</b> ,	
593	Spatial and Temporal Expression of High-Mobility-Group Nucleosome-Binding (HMGN) Genes in Brain Areas Associated with Cognition in Individuals with Down Syndrome.. <b>2021</b> , 12,	0
592	Identification and integrative analysis of microRNAs in myelodysplastic syndromes based on microRNAs expression profile. <b>2021</b> , 10, 142-150	
591	Rahim AĖKanser Alt-Tiplerine ĖgMolekĖler Hedef, BiyoĖretĖAdaylar ve Yeniden KonumlandırĖan ĖaĖrĖ Belirlenmesi.	
590	Tox-GAN: An AI Approach Alternative to Animal Studies-a Case Study with Toxicogenomics.. <b>2021</b> ,	2
589	A Gene-Based Machine Learning Classifier Associated to the Colorectal Adenoma-Carcinoma Sequence.. <b>2021</b> , 9,	
588	Bioinformatics analysis of long non-coding RNA-associated competing endogenous RNA network in schizophrenia.. <b>2021</b> , 11, 24413	0
587	Relating Global and Local Connectome Changes to Dementia and Targeted Gene Expression in Alzheimer's Disease.. <b>2021</b> , 15, 761424	0
586	Gene expression profiling reveals the genomic changes caused by MLN4924 and the sensitizing effects of NAPEPLD knockdown in pancreatic cancer. <b>2021</b> , 1-20	0

585 VExD: A curated resource for human gene expression following viral infection.

584 Max-EWMA chart for time and magnitude monitoring using exponentially modified Gaussian distribution. **2022**, 38, 1092-1111 4

583 Transient Focal Cerebral Ischemia Leads to miRNA Alterations in Different Brain Regions, Blood Serum, Liver, and Spleen.. **2021**, 23, 2

582 circCHST15 is a novel prognostic biomarker that promotes clear cell renal cell carcinoma cell proliferation and metastasis through the miR-125a-5p/EIF4EBP1 axis.. **2021**, 20, 169 5

581 Bayesian multistudy factor analysis for high-throughput biological data. **2021**, 15, 3

580 Long non-coding RNA-associated competing endogenous RNA axes in the olfactory epithelium in schizophrenia: a bioinformatics analysis.. **2021**, 11, 24497 0

579 Phenotypical, functional and transcriptomic comparison of two modified methods of hepatocyte differentiation from human induced pluripotent stem cells.. **2022**, 16, 43 0

578 Modified eQTL and Somatic DNA Segment Alterations in Esophageal Squamous Cell Carcinoma for Genes Related to Immunity, DNA Repair, and Inflammation.. **2022**, 14, 0

577 Single-Cell Transcriptomic Analysis Reveals Circadian Rhythm Disruption Associated with Poor Prognosis and Drug-Resistance in Lung Adenocarcinoma.. **2022**, 0

576 SARS-CoV-2 Employ BSG/CD147 and ACE2 Receptors to Directly Infect Human Induced Pluripotent Stem Cell-Derived Kidney Podocytes.. **2022**, 10, 855340 2

575 A novel ceRNA-immunoregulatory axis based on immune cell infiltration in ulcerative colitis-associated colorectal carcinoma by integrated weighted gene co-expression network analysis.. **2022**, 22, 188

574 Application of explainable artificial intelligence in the identification of Squamous Cell Carcinoma biomarkers.. **2022**, 146, 105505 0

573 Steroid-induced fibroblast growth factors drive an epithelial-mesenchymal inflammatory axis in severe asthma.. **2022**, 14, eabl8146 1

572 Inhibition of  $\Delta^6$  desaturase reduces fatty acid re-esterification in 3T3-L1 adipocytes independent of changes in n3-PUFA cellular content.. **2022**, 159160 0

571 Data\_Sheet\_1.docx. **2020**,

570 Table\_1.XLSX. **2020**,

569 Table\_2.xlsx. **2020**,

568 Table\_3.xlsx. **2020**,

567 Table\_4.xlsx. 2020,

566 Data\_Sheet\_1.pdf. 2019,

565 Table\_1.XLSX. 2020,

564 Table\_2.XLSX. 2020,

563 Table\_3.XLSX. 2020,

562 Table\_4.XLSX. 2020,

561 Table\_5.XLSX. 2020,

560 Image\_1.tif. 2019,

559 Image\_2.tif. 2019,

558 Image\_3.jpeg. 2019,

557 Image\_4.tif. 2019,

556 Table\_1.docx. 2019,

555 Table\_2.docx. 2019,

554 Table\_3.docx. 2019,

553 Table\_4.docx. 2019,

552 Table\_5.docx. 2019,

551 Table\_11.DOCX. 2020,

550 Table\_2.DOCX. 2020,

549 Table\_3.XLSX. 2020,

548 Table\_4.XLSX. 2020,

547 Table\_5.XLSX. 2020,

546 Table\_6.XLSX. 2020,

545 Table\_7.DOCX. 2020,

544 Table\_8.DOCX. 2020,

543 Table\_9.DOCX. 2020,

542 Presentation1.pdf. 2018,

541 Data\_Sheet\_1.XLS. 2019,

540 Image\_1.PDF. 2019,

539 Table\_1.XLSX. 2020,

538 Table\_2.xlsx. 2020,

537 Table\_1.xlsx. 2019,

536 Presentation\_1.pptx. 2019,

535 Table\_1.xlsx. 2019,

534 Data\_Sheet\_1.CSV. 2018,

533 Data\_Sheet\_10.XLSX. 2018,

532 Data\_Sheet\_11.XLS. 2018,



531 Data\_Sheet\_2.XLSX. 2018,

530 Data\_Sheet\_3.XLSX. 2018,

529 Data\_Sheet\_4.CSV. 2018,

528 Data\_Sheet\_5.CSV. 2018,

527 Data\_Sheet\_6.CSV. 2018,

526 Data\_Sheet\_7.XLSX. 2018,

525 Data\_Sheet\_8.XLSX. 2018,

524 Data\_Sheet\_9.XLSX. 2018,

523 Table\_1.DOCX. 2018,

522 Table\_2.DOCX. 2018,

521 Table\_3.DOCX. 2018,

520 Data\_Sheet\_1.docx. 2020,

519 Image\_1.TIF. 2020,

518 Image\_2.TIF. 2020,

517 Image\_3.TIF. 2020,

516 Image\_4.TIF. 2020,

515 Image\_5.TIF. 2020,

514 Image\_6.TIF. 2020,

513 Data\_Sheet\_1.docx. **2020,**

512 Table\_1.XLSX. **2020,**

511 Table\_2.XLSX. **2020,**

510 Image\_1.PDF. **2020,**

509 Image\_2.JPEG. **2020,**

508 Table\_1.XLSX. **2020,**

507 Table\_2.XLSX. **2020,**

506 Table\_3.XLSX. **2020,**

505 Data\_Sheet\_1.PDF. **2018,**

504 Data\_Sheet\_2.PDF. **2018,**

503 Data\_Sheet\_3.PDF. **2018,**

502 Image\_1.JPEG. **2018,**

501 Data\_Sheet\_1.pdf. **2018,**

500 Table\_1.XLSX. **2018,**

499 Table\_2.XLSX. **2018,**

498 Table\_3.XLSX. **2018,**

497 Data\_Sheet\_1.PDF. **2019,**

496 Image\_1.pdf. **2018,**

495 Table\_1.xlsx. **2018**,

494 Table\_2.xlsx. **2018**,

493 Image\_1.tif. **2019**,

492 Image\_2.tif. **2019**,

491 Image\_3.tif. **2019**,

490 Table\_1.xlsx. **2019**,

489 Table\_2.xlsx. **2019**,

488 Table\_3.xlsx. **2019**,

487 Image\_1.TIF. **2018**,

486 Image\_2.TIF. **2018**,

485 Table\_1.XLS. **2018**,

484 Table\_2.XLS. **2018**,

483 Table\_3.XLS. **2018**,

482 Video\_1.mp4. **2018**,

481 Video\_2.mp4. **2018**,

480 Video\_3.mp4. **2018**,

479 Video\_4.mp4. **2018**,

478 Video\_5.mp4. **2018**,

477 Video\_6.mp4. **2018,**

476 Datasheet\_1.xlsx. **2019,**

475 Presentation\_1.pdf. **2019,**

474 Table\_1.docx. **2019,**

473 Image\_1.TIF. **2020,**

472 Table\_1.XLS. **2020,**

471 Table\_2.XLS. **2020,**

470 Table\_3.XLS. **2020,**

469 Table\_4.XLS. **2020,**

468 Presentation\_1.PPTX. **2018,**

467 Table\_1.DOCX. **2018,**

466 Table\_2.XLSX. **2018,**

465 Table\_3.XLSX. **2018,**

464 Table\_4.XLSX. **2018,**

463 Table\_5.XLSX. **2018,**

462 Data\_Sheet\_1.PDF. **2018,**

461 data\_sheet\_1.PDF. **2018,**

460 Table\_1.DOCX. **2020,**

459 Table\_2.DOCX. 2020,

458 Table\_3.XLSX. 2020,

457 Table\_4.DOCX. 2020,

456 Table\_5.DOCX. 2020,

455 Table\_6.xlsx. 2020,

454 Table\_7.xlsx. 2020,

453 Table\_8.xlsx. 2020,

452 Table\_9.xlsx. 2020,

451 DataSheet\_1.zip. 2020,

450 Table\_1.DOCX. 2018,

449 Data\_Sheet\_1.PDF. 2018,

448 Data\_Sheet\_1.docx. 2020,

447 Image\_1.TIF. 2020,

446 Image\_10.TIF. 2020,

445 Image\_2.TIF. 2020,

444 Image\_3.TIF. 2020,

443 Image\_4.TIF. 2020,

442 Data\_Sheet\_1.docx. 2018,

441 Image\_5.TIF. 2020,

440 Image\_6.TIF. 2020,

439 Table\_1.docx. 2018,

438 Image\_7.TIF. 2020,

437 Image\_8.TIF. 2020,

436 Table\_2.xlsx. 2018,

435 Image\_9.TIF. 2020,

434 Table\_3.xls. 2018,

433 Table\_1.XLSX. 2020,

432 Table\_2.XLSX. 2020,

431 Table\_3.XLSX. 2020,

430 Image\_1.TIF. 2020,

429 Table\_1.xlsx. 2020,

428 Table\_2.xlsx. 2020,

427 Table\_3.xlsx. 2020,

426 Data\_Sheet\_1.pdf. 2019,

425 Data\_Sheet\_2.pdf. 2019,

424 Data\_Sheet\_1.pdf. 2020,

423 Data\_Sheet\_1.docx. **2020**,

422 Image\_1.TIFF. **2018**,

421 Data\_Sheet\_1.DOCX. **2019**,

420 Image\_1.TIFF. **2019**,

419 Image\_2.TIFF. **2019**,

418 Image\_3.TIFF. **2019**,

417 Image\_4.TIFF. **2019**,

416 Image\_5.TIFF. **2019**,

415 Table\_1.PDF. **2019**,

414 Table\_2.PDF. **2019**,

413 Table\_3.PDF. **2019**,

412 Table\_4.PDF. **2019**,

411 Table\_5.PDF. **2019**,

410 Table\_6.PDF. **2019**,

409 Image\_1.TIF. **2020**,

408 Table\_7.pdf. **2019**,

407 Image\_2.TIF. **2020**,

406 Image\_3.TIF. **2020**,

405 Image\_4.TIF. **2020**,

404 Table\_1.DOCX. **2020**,

403 Data\_Sheet\_1.zip. **2020**,

402 Image\_1.jpg. **2020**,

401 Image\_2.jpg. **2020**,

400 Image\_3.jpg. **2020**,

399 Image\_4.jpg. **2020**,

398 Image\_5.jpg. **2020**,

397 Image\_6.jpg. **2020**,

396 Table\_1.XLSX. **2020**,

395 Table\_2.XLSX. **2020**,

394 Table\_3.XLS. **2020**,

393 Table\_4.XLS. **2020**,

392 Presentation\_1.pptx. **2018**,

391 Table\_1.xlsx. **2018**,

390 Image\_1.TIF. **2020**,

389 Image\_2.TIF. **2020**,

388 Image\_3.TIF. **2020**,



387 Image\_4.TIF. 2020,

386 Image\_5.TIF. 2020,

385 Image\_6.TIF. 2020,

384 Image\_7.TIF. 2020,

383 Image\_8.TIF. 2020,

382 Table\_1.XLSX. 2020,

381 Table\_10.DOCX. 2020,

380 Data\_Sheet\_1.XLS. 2018,

379 Image\_1.TIFF. 2018,

378 Image\_2.TIFF. 2018,

377 Image\_3.TIFF. 2018,

376 Image\_4.TIFF. 2018,

375 Image\_5.PDF. 2018,

374 Image\_6.PDF. 2018,

373 Image\_7.TIFF. 2018,

372 Table\_1.DOC. 2018,

371 Table\_2.DOC. 2018,

370 Data\_Sheet\_1.ZIP. 2018,

369 Data\_Sheet\_2.zip. **2018,**

368 Table\_1.pdf. **2018,**

367 Table\_2.pdf. **2018,**

366 Table\_3.docx. **2018,**

365 Image\_1.PDF. **2018,**

364 Image\_2.PDF. **2018,**

363 Image\_3.PDF. **2018,**

362 Image\_4.PDF. **2018,**

361 Image\_5.PDF. **2018,**

360 Table\_1.DOCX. **2018,**

359 Table\_2.DOCX. **2018,**

358 Data\_Sheet\_1.pdf. **2019,**

357 Image\_1.TIF. **2020,**

356 Image\_2.TIF. **2020,**

355 Table\_1.DOCX. **2020,**

354 Table\_2.DOCX. **2020,**

353 Data\_Sheet\_1.PDF. **2020,**

352 Data\_Sheet\_2.PDF. **2020,**

351 Data\_Sheet\_3.PDF. 2020,

350 Data\_Sheet\_4.PDF. 2020,

349 Image\_1.JPEG. 2020,

348 Image\_2.JPEG. 2020,

347 Image\_3.JPEG. 2020,

346 Image\_4.JPEG. 2020,

345 Image\_5.JPEG. 2020,

344 Table\_1.xlsx. 2020,

343 Data\_Sheet\_1.docx. 2019,

342 Image\_1.pdf. 2019,

341 Image\_2.pdf. 2019,

340 Image\_3.pdf. 2019,

339 Image\_4.pdf. 2019,

338 Table\_1.docx. 2019,

337 Table\_2.xlsx. 2019,

336 Data\_Sheet\_1.docx. 2019,

335 Table\_1.XLSX. 2019,

334 Table\_2.XLSX. 2019,

333 Table\_3.XLSX. 2019,

332 Table\_4.XLSX. 2019,

331 Table1.DOCX. 2018,

330 Data\_Sheet\_1.zip. 2020,

329 Image\_1.pdf. 2019,

328 Table\_1.xls. 2019,

327 Table\_2.xls. 2019,

326 Table\_3.xls. 2019,

325 Table\_4.doc. 2019,

324 Table\_5.doc. 2019,

323 Table\_6.doc. 2019,

322 Table\_1.DOCX. 2018,

321 Image\_1.TIF. 2020,

320 Image\_2.TIF. 2020,

319 Image\_3.TIF. 2020,

318 Image\_4.TIF. 2020,

317 Image\_5.TIF. 2020,

316 Image\_6.TIF. 2020,

315 Table\_1.docx. **2020**,

314 Table\_2.docx. **2020**,

313 Data\_Sheet\_1.docx. **2018**,

312 Table\_1.XLSX. **2018**,

311 Table\_2.PDF. **2018**,

310 Table\_3.PDF. **2018**,

309 Table\_4.XLSX. **2018**,

308 Table\_5.XLSX. **2018**,

307 Table\_6.XLSX. **2018**,

306 Table\_7.XLSX. **2018**,

305 Table\_8.XLSX. **2018**,

304 DataSheet\_1.docx. **2020**,

303 DataSheet\_2.csv. **2020**,

302 DataSheet\_3.xlsx. **2020**,

301 Data\_Sheet\_1.doc. **2019**,

300 Data\_Sheet\_1.xlsx. **2019**,

299 Image\_1.JPEG. **2019**,

298 Data\_Sheet\_1.PDF. **2020**,

297 Table\_1.XLSX. 2020,

296 Image\_1.pdf. 2019,

295 Image\_2.pdf. 2019,

294 Table\_1.docx. 2019,

293 Table\_2.docx. 2019,

292 Table\_3.docx. 2019,

291 Image\_1.TIF. 2019,

290 Image\_2.TIF. 2019,

289 Table\_1.docx. 2019,

288 Table\_2.docx. 2019,

287 Table\_3.docx. 2019,

286 Table\_1.XLSX. 2019,

285 Table\_2.XLSX. 2019,

284 Table\_3.XLSX. 2019,

283 Table\_4.XLSX. 2019,

282 Table\_1.XLSX. 2017,

281 Table\_2.XLSX. 2017,

280 Presentation\_1.PPTX. 2020,

279 Table\_1.XLSX. 2020,

278 Table\_2.XLSX. 2020,

277 Table\_3.XLSX. 2020,

276 Table\_4.XLSX. 2020,

275 Table\_5.XLSX. 2020,

274 Table\_6.XLSX. 2020,

273 Table\_7.XLSX. 2020,

272 Table\_1.docx. 2019,

271 Table\_2.xlsx. 2019,

270 Table\_3.xlsx. 2019,

269 Table\_4.xlsx. 2019,

268 DataSheet\_1.docx. 2019,

267 Genetic Profiling in Children With Acute Lymphoblastic Leukemia Referred for Allogeneic Hematopoietic Stem Cell Transplantation.. 2022, 29, 10732748211064776

266 Identification of Key Ischemic Stroke Genes by Computational Systems Biology.

265 Spatial analysis and CD25-expression identify regulatory T cells as predictors of a poor prognosis in colorectal cancer.. 2022,

1

264 Loss of SIRT1 inhibits hematopoietic stem cell aging and age-dependent mixed phenotype acute leukemia.. 2022, 5, 396

0

263 Mechanisms regulating the frequency of inhibition-based gamma oscillations in primate prefrontal and parietal cortices.

262 Trifluoperazine and Its Analog Suppressed the Tumorigenicity of Non-Small Cell Lung Cancer Cell; Applicability of Antipsychotic Drugs to Lung Cancer Treatment. 2022, 10, 1046

0

261	DNA Copy Number Aberrations and Expression of ABC Transporter Genes in Breast Tumour: Correlation with the Effect of Neoadjuvant Chemotherapy and Prognosis of the Disease. <b>2022</b> , 14, 948	2
260	Establishment and Application of a Prognostic Risk Score Model Based on Characteristics of Different Immunophenotypes for Lung Adenocarcinoma.. <b>2022</b> , 13, 850101	
259	Temporal and sex-dependent gene expression patterns in a renal ischemia-reperfusion injury and recovery pig model.. <b>2022</b> , 12, 6926	0
258	The Rho guanosine nucleotide exchange factors Vav2 and Vav3 modulate epidermal stem cell function.. <b>2022</b> ,	0
257	B3 Transcription Factors Determine Iron Distribution and FERRITIN Gene Expression in Embryo but Do Not Control Total Seed Iron Content. <b>2022</b> , 13,	0
256	Conditioned serum in vitro treatment of chondrocyte pellets and osteoarthritic explants.. <b>2022</b> ,	0
255	Identification of a novel autophagy-related prognostic signature and small molecule drugs for glioblastoma by bioinformatics.. <b>2022</b> , 15, 111	1
254	DREAM Interrupted: Severing LIN-35-MuvB association in <i>Caenorhabditis elegans</i> impairs DREAM function but not its chromatin localization.. <b>2022</b> ,	0
253	Intrapericardial Administration of Secretomes from Menstrual Blood-Derived Mesenchymal Stromal Cells: Effects on Immune-Related Genes in a Porcine Model of Myocardial Infarction. <b>2022</b> , 10, 1117	1
252	Trogocytic-molting of T-cell microvilli controls T-cell clonal expansion.	
251	A Three-Genes Signature Predicting Colorectal Cancer Relapse Reveals LEMD1 Promoting CRC Cells Migration by RhoA/ROCK1 Signaling Pathway. <b>2022</b> , 12,	0
250	The Solute Carrier Family 7 Member 11 (SLC7A11) is Regulated by LH/Androgen and Required for Cystine/Glutathione Homeostasis in Mouse Sertoli Cells.	
249	Administration of Glutaredoxin-1 Attenuates Liver Fibrosis Caused by Aging and Non-Alcoholic Steatohepatitis. <b>2022</b> , 11, 867	0
248	Recursive Feature Elimination based biomarker identification for Open Neural Tube defects. <b>2022</b> , 23,	
247	In uveal melanoma G $\beta$ protein GNA11 mutations convey a shorter disease-specific survival and are more strongly associated with loss of BAP1 and chromosomal alterations than G $\beta$ protein GNAQ mutations.. <b>2022</b> , 170, 27-41	3
246	An Artificial Intelligence-guided signature reveals the shared host immune response in MIS-C and Kawasaki disease.. <b>2022</b> , 13, 2687	1
245	Evolutionarily conserved effects of Notch signaling drive intestinal graft-versus-host disease in mice and non-human primates.	
244	Transcriptional atlas of the human immune response to 13 vaccines reveals a common predictor of vaccine-induced antibody responses.	0



- 243 Remission of peanut allergy is associated with rewiring of allergen-driven T helper 2-related gene networks. ○
- 242 Cell Senescence-Related Pathways Are Enriched in Breast Cancer Patients With Late Toxicity After Radiotherapy and Low Radiation-Induced Lymphocyte Apoptosis. **2022**, 12, 1
- 241 Signal requirement for cortical potential of transplantable human neuroepithelial stem cells. **2022**, 13, 1
- 240 An integral genomic signature approach for tailored cancer therapy using genome-wide sequencing data. **2022**, 13,
- 239 eEF1A1 promotes colorectal cancer progression and predicts poor prognosis of patients. ○
- 238 Identification of Novel Vascular Genes Downstream of Islet2 and Nr2f1b Transcription Factors. **2022**, 10, 1261 ○
- 237 Anti-inflammatory effects of recreational marijuana in virally suppressed youth with HIV-1 are reversed by use of tobacco products in combination with marijuana. **2022**, 19, ○
- 236 Revealing Potential Spinal Cord Injury Biomarkers and Immune Cell Infiltration Characteristics in Mice. 13,
- 235 ABBV-011, A Novel, Calicheamicin-Based Antibody Drug Conjugate, Targets SEZ6 to Eradicate Small Cell Lung Cancer Tumors. **2022**, 21, 986-998
- 234 Enhanced immune activation within the tumor microenvironment and circulation of female high-risk melanoma patients and improved survival with adjuvant CTLA4 blockade compared to males. **2022**, 20, ○
- 233 MicroRNA Profiling in the Perilymph of Cochlear Implant Patients: Identifying Markers that Correlate to Audiological Outcomes. **2021**, 32, 627-635 ○
- 232 Gene Expression Analysis of the Bladder Cancer Patients Managed by Radical Cystectomy. **2022**, 522-533
- 231 Identification and verification of differentially expressed key genes in peripheral blood-derived T cells between chronic immune thrombocytopenia patients and healthy controls. **2022**, 13, 13587-13595
- 230 A Signature of Exaggerated Adipose Tissue Dysfunction in Type 2 Diabetes Is Linked to Low Plasma Adiponectin and Increased Transcriptional Activation of Proteasomal Degradation in Muscle. **2022**, 11, 2005
- 229 A transcriptomic signature for prostate cancer relapse prediction identified from the differentially expressed genes between TP53 mutant and wild-type tumors. **2022**, 12, ○
- 228 Integrated Analysis of ECT2 and COL17A1 as Potential Biomarkers for Pancreatic Cancer. **2022**, 2022, 1-14 ○
- 227 Blood gene expression risk profiles and interstitial lung abnormalities: COPD Gene and ECLIPSE cohort studies. **2022**, 23,
- 226 Python for gene expression. 10, 870

225	Pathway importance by graph convolutional network and Shapley additive explanations in gene expression phenotype of diffuse large B-cell lymphoma. <b>2022</b> , 17, e0269570	1
224	The drug-induced phenotypic landscape of colorectal cancer organoids. <b>2022</b> , 13,	1
223	Estimation of tumor cell total mRNA expression in 15 cancer types predicts disease progression.	1
222	Identification of Key Endometrial MicroRNAs and Their Target Genes Associated With Pathogenesis of Recurrent Implantation Failure by Integrated Bioinformatics Analysis. 13,	0
221	Enhancers of Host Immune Tolerance to Bacterial Infection Discovered Using Linked Computational and Experimental Approaches. 2200222	0
220	Pretransplant kidney transcriptome captures intrinsic donor organ quality and predicts 24-month outcomes.	0
219	Interferon Alpha-Inducible Protein 27 Expression Is Linked to Disease Severity in Chronic Infection of Both HIV-1 and HIV-2. 2,	0
218	Semi-supervised empirical Bayes group-regularized factor regression.	0
217	Identification of an inflammatory response signature associated with prognostic stratification and drug sensitivity in lung adenocarcinoma. <b>2022</b> , 12,	0
216	N6-methyladenosine (m6A) regulator expression pattern correlates with the immune landscape in lung adenocarcinoma. <b>2022</b> , 836, 146639	0
215	Bioinformatics Analyses of Regulatory Network of Biomarkers in Chondrocytes from Patients with Osteoarthritis. 65,	1
214	Interferon-alpha2 treatment of patients with polycythemia vera and related neoplasms favorably impacts deregulation of oxidative stress genes and antioxidative defense mechanisms. <b>2022</b> , 17, e0270669	1
213	Macrophages-Related Genes Biomarkers in the Deterioration of Atherosclerosis. 9,	0
212	Machine Learning Identifies Signatures of Macrophage Reactivity and Tolerance that Predict Disease Outcomes.	0
211	Delving into the Genetic Causes of Language Impairment in a Case of Partial Deletion of <b>&lt;b&gt;NRXN1&lt;/b&gt;</b> . 1-15	0
210	Construction of miRNA-lncRNA-mRNA co-expression network affecting EMT-mediated cisplatin resistance in ovarian cancer.	0
209	Reduction of LPAR1 Expression in Neuroblastoma Promotes Tumor Cell Migration. <b>2022</b> , 14, 3346	0
208	Genomic Characterization by Whole-Exome Sequencing of Hypermobility Spectrum Disorder. <b>2022</b> , 13, 1269	0

- 207 Transcriptional and spatial profiling of the kidney allograft unravels a central role for FcyRIII+ innate immune cells in rejection. 0
- 206 Comprehensive comparative analysis of histopathology and gene expression in subchondral bone between kashin-beck disease and primary osteoarthritis. 13, 0
- 205 Form of dietary selenium affects mRNA encoding cholesterol biosynthesis and immune response elements in the early luteal phase bovine corpus luteum. **2022**, 100, 0
- 204 Bioinformatics Analysis of Competing Endogenous RNA Network and Immune Infiltration in Atrial Fibrillation. **2022**, 2022, 1-19
- 203 SERPINE1 Gene Is a Reliable Molecular Marker for the Early Diagnosis of Aortic Dissection. **2022**, 2022, 1-11
- 202  $\beta$ -catenin programs a tissue-specific epigenetic vulnerability in aggressive adrenocortical carcinoma.
- 201 Tyrosine kinase inhibitor independent gene expression signature in CML offers new targets for LSPC eradication therapy.
- 200 Co-inhibition of ATM and ROCK synergistically improves cell proliferation in replicative senescence by activating FOXM1 and E2F1. **2022**, 5, 0
- 199 Identification and validation of a metabolism-related gene signature for the prognosis of colorectal cancer: a multicenter cohort study.
- 198 Increased Renal Expression of Complement Components in Patients With Liver Diseases: Nonalcoholic Steatohepatitis, Alcohol-Associated, Viral Hepatitis, and Alcohol-Viral Combination. 1
- 197 A transcriptomic dataset comparing two methods of hepatocyte differentiation from human induced pluripotent stem cells. **2022**, 108477
- 196 Deriving prognostic significance from a molecular subtype model of laryngeal carcinoma.
- 195 MTHFD1L knockdown diminished cells growth in papillary thyroid cancer. **2022**, 101869 0
- 194 Commonly Used Normalization Approaches in MicroRNA Expression Profiling.
- 193 MetastaSite: Predicting metastasis to different sites using deep learning with gene expression data. 9, 0
- 192 Open ocean and coastal strains of the N<sub>2</sub>-fixing cyanobacterium UCYN-A have distinct transcriptomes.
- 191 Comparative Evaluation of Machine Learning Algorithms on Lung Cancer Type Classification from DNA Microarray Data. **2022**,
- 190 Low ferroptosis score predicts chemotherapy responsiveness and immune-activation in colorectal cancer. 1

- 189 The EMT-activator ZEB1 is unrelated to platinum drug resistance in ovarian cancer but is predictive of survival. **2022**, 35, 1547-1559
- 188 Evidence for a neuromuscular circuit involving hypothalamic interleukin-6 in the control of skeletal muscle metabolism. **2022**, 8, 0
- 187 The HDAC7/ET2 epigenetic axis is essential during early B lymphocyte development. **2022**, 50, 8471-8490 1
- 186 Identification of Six Genes as Diagnostic Markers for Colorectal Cancer Detection by Integrating Multiple Expression Profiles. **2022**, 2022, 1-17 0
- 185 Stemness Correlates Inversely with MHC Class I Expression in Pediatric Small Round Blue Cell Tumors. **2022**, 14, 3584
- 184 EARLY DIFFERENTIATION BETWEEN SEPSIS AND STERILE INFLAMMATION VIA URINARY GENE SIGNATURES OF METABOLIC DYSREGULATION. **2022**, 58, 20-27
- 183 Analysis of ROQUIN, Tristetraprolin (TTP), and BDNF/miR-16/TTP regulatory axis in late onset Alzheimer's disease. 14, 0
- 182 Prediction of potential molecular markers of bovine mastitis by meta-analysis of differentially expressed genes using combined p value and robust rank aggregation. **2022**, 54,
- 181 A Boolean approach for novel hypoxia-related gene discovery. **2022**, 17, e0273524
- 180 Anti-tumor activity of a T-helper 1 multiantigen vaccine in a murine model of prostate cancer. **2022**, 12,
- 179 Identifying the tumor location-associated candidate genes in development of new drugs for colorectal cancer using machine-learning-based approach.
- 178 Differential Analysis of Stromal-Epithelial Interactions between In Situ and Invasive Breast Cancer using Gene Expression Profiling.
- 177 Integrated Analysis Reveals the Potential Significance of HDAC Family Genes in Lung Adenocarcinoma. 13, 0
- 176 Immunologically active phenotype by gene expression profiling is associated with clinical benefit from PD-1/PD-L1 inhibitors in real-world head and neck and lung cancer patients. **2022**, 0
- 175 Integrated molecular and pharmacological characterization of patient-derived xenografts from bladder and ureteral cancers identifies new potential therapies. 12, 1
- 174 Molecular effects of the consumption of margarine and butter varying in trans fat composition: a parallel human intervention study. **2022**, 21, 1
- 173 M6A Modifier-Mediated Methylation Characterized by Diverse Prognosis, Tumor Microenvironment, and Immunotherapy Response in Hepatocellular Carcinoma. **2022**, 2022, 1-25
- 172 Utilization of hypoxia-derived gene signatures to predict clinical outcomes and immune checkpoint blockade therapy responses in prostate cancer. 13,

- 171 Gene expression analysis reveals a 5-gene signature for progression-free survival in prostate cancer. 12, 1
- 170 Unbiased transcriptome mapping and modeling identify candidate genes and compounds of osteoarthritis. 13,
- 169 Metabolism-Related Gene Pairs to Predict the Clinical Outcome and Molecular Characteristics of Early Hepatocellular Carcinoma. **2022**, 14, 3957
- 168 Recurrent NOMO1 Gene Deletion Is a Potential Clinical Marker in Early-Onset Colorectal Cancer and Is Involved in the Regulation of Cell Migration. **2022**, 14, 4029 0
- 167 Autophagy-mediated NCOR1 degradation is required for brown fat maturation and thermogenesis. 1-22 0
- 166 Identification of Key Gene Network Modules and Hub Genes Associated with Wheat Response to Biotic Stress Using Combined Microarray Meta-analysis and WGCN Analysis. 0
- 165 Gene expression profile of human colorectal cancer identified NKTR as a biomarker for liver metastasis. 0
- 164 Mast cell chymase has a negative impact on human osteoblasts. **2022**, 112, 1-19 1
- 163 Is the forming of neuronal network activity in human-induced pluripotent stem cells important for the detection of drug-induced seizure risks?. **2022**, 931, 175189
- 162 Comprehensive analysis reveals the potential value of inflammatory response genes in the prognosis, immunity, and drug sensitivity of lung adenocarcinoma. **2022**, 15, 0
- 161 A microRNA Prognostic Signature in Patients with Diffuse Intrinsic Pontine Gliomas through Non-Invasive Liquid Biopsy. **2022**, 14, 4307 0
- 160 Integrative systems analysis identifies genetic and dietary modulators of bile acid homeostasis. **2022**, 2
- 159 Screening of biomarkers associated with diagnosis and prognosis of colorectal cancer. **2022**, 0
- 158 Identification of metabolic genes for the prediction of prognosis and tumor microenvironment infiltration in early-stage non-small cell lung cancer. **2022**, 17, 881-892 0
- 157 Association of Early Clinical Response to Laser Rejuvenation of Photoaged Skin with Increased Lipid Metabolism and Restoration of Skin Barrier Function. **2022**, 0
- 156 RNAi Screen Identifies MTA1 as an Epigenetic Modifier of Differentiation Commitment in Human HSPCs. **2022**, 0
- 155 Differential dependency of human glioblastoma cells on vascular endothelial growth factor-A signaling via neuropilin-1. **2022**, 61, 0
- 154 Hierarchical identification of a transcriptional panel for the histological diagnosis of lung neuroendocrine tumors. 13, 0

153	Identification of Signal Pathways and Hub Genes of Pulmonary Arterial Hypertension by Bioinformatic Analysis. <b>2022</b> , 2022, 1-12	0
152	Cellular transcriptional alterations of peripheral blood in Alzheimer's disease. <b>2022</b> , 20,	0
151	The seeker R package: simplified fetching and processing of transcriptome data.	0
150	Transcriptomic Harmonization as the Way for Suppressing Cross-Platform Bias and Batch Effect. <b>2022</b> , 10, 2318	0
149	Comparison of scRNA-seq data analysis method combinations.	0
148	Machine learning-based tumor-infiltrating immune cell-associated lncRNAs for predicting prognosis and immunotherapy response in patients with glioblastoma.	2
147	Effect of Hypoxia in the Transcriptomic Profile of Lung Fibroblasts from Idiopathic Pulmonary Fibrosis. <b>2022</b> , 11, 3014	0
146	Integrative Bioinformatics Analysis Reveals That miR-524-5p/MEF2C Regulates Bone Metastasis in Prostate Cancer and Breast Cancer. <b>2022</b> , 2022, 1-13	0
145	Expression Analysis of Ligand-Receptor Pairs Identifies Cell-to-Cell Crosstalk between Macrophages and Tumor Cells in Lung Adenocarcinoma. <b>2022</b> , 2022, 1-15	1
144	Integrative System Biology Analysis of Transcriptomic Responses to Drought Stress in Soybean ( <i>Glycine max</i> L.). <b>2022</b> , 13, 1732	1
143	Identification pyroptosis-related gene signature to predict prognosis and associated regulation axis in colon cancer. 13,	0
142	Foxe1 Deletion in the Adult Mouse is Associated with Increased Thyroidal Mast Cells and Hypothyroidism.	0
141	Potential biomarkers and immune characteristics of small bowel adenocarcinoma. <b>2022</b> , 12,	0
140	High-dimensional genomic feature selection with the ordered stereotype logit model.	0
139	Genetic susceptibility loci for <i>Chlamydia trachomatis</i> endometrial infection influence expression of genes involved in T cell function, tryptophan metabolism and epithelial integrity. 13,	0
138	Mining of Potential Biomarkers and Pathway in Valvular Atrial Fibrillation (VAF) via Systematic Screening of Gene Coexpression Network. <b>2022</b> , 2022, 1-21	0
137	Overexpression of Cancer- and Neurotransmitter-Associated Genes in the Nucleus Accumbens of Smokers.	0
136	Key Elements of Cellular Senescence Involve Transcriptional Repression of Mitotic and DNA Repair Genes Through the p53-p16/pRB-E2F-DREAM Complex.	0

135	Thermosensation in <i>Caenorhabditis elegans</i> is linked to ubiquitin-dependent protein turnover via insulin and calcineurin signalling. <b>2022</b> , 13,	0
134	Symptomatic and asymptomatic domoic acid exposure in zebrafish ( <i>Danio rerio</i> ) revealed distinct non-overlapping gene expression patterns in the brain. <b>2022</b> , 252, 106310	0
133	A Prognostic Model Based on Necroptosis-Related Genes for Prognosis and Therapy in Bladder Cancer.	0
132	In silico analysis of metabolic effects of bipolar disorder on prefrontal cortex identified altered GABA, glutamate-glutamine cycle, energy metabolism and amino acid synthesis pathways.	0
131	Machine learning-based characterization of cuproptosis-related biomarkers and immune infiltration in Parkinson's disease. 13,	0
130	MircoRNA in Extracellular Vesicles from Patients with Pulmonary Arterial Hypertension Alters Endothelial Angiogenic Response. <b>2022</b> , 23, 11964	2
129	Transcriptomic and proteomic profiling of NaV1.8-expressing mouse nociceptors. 15,	0
128	Navigating Transcriptomic Connectivity Mapping Workflows to Link Chemicals with Bioactivities.	0
127	Transcriptional atlas of the human immune response to 13 vaccines reveals a common predictor of vaccine-induced antibody responses.	0
126	Meta-analysis of preclinical pharmacogenomic studies to discover robust and translatable biomarkers of drug response.	0
125	Transcriptomic and Metabolomic Analysis of a <i>Pseudomonas</i> -Resistant versus a Susceptible <i>Arabidopsis</i> Accession. <b>2022</b> , 23, 12087	0
124	Single-nuclei and bulk-tissue gene-expression analysis of pheochromocytoma and paraganglioma links disease subtypes with tumor microenvironment. <b>2022</b> , 13,	1
123	Targeting the BAG-1 family of co-chaperones in lethal prostate cancer.	0
122	Identification of potential regulatory long non-coding RNA-associated competing endogenous RNA axes in periplaque regions in multiple sclerosis. 13,	0
121	Inferring miRNA sponge modules across major neuropsychiatric disorders. 15,	0
120	Divergent regulation of basement membrane trafficking by human macrophages and cancer cells. <b>2022</b> , 13,	1
119	SeedTransNet: A directional translational network revealing regulatory patterns during seed maturation and germination.	0
118	Tyrosine Kinase Inhibitor Independent Gene Expression Signature in CML Offers New Targets for LSPC Eradication Therapy. <b>2022</b> , 14, 5253	0

117	The Immune Signatures data resource, a compendium of systems vaccinology datasets. <b>2022</b> , 9,	1
116	Multomics surface receptor profiling of the NCI-60 tumor cell panel uncovers novel theranostics for cancer immunotherapy. <b>2022</b> , 22,	0
115	Renal Transporter Alterations in Patients with Chronic Liver Diseases: Nonalcoholic Steatohepatitis, Alcohol-associated, Viral Hepatitis, and Alcohol-Viral Combination. DMD-AR-2022-001038	0
114	Identification of key long non-coding RNA-associated competing endogenous RNA axes in Brodmann Area 10 brain region of schizophrenia patients. 13,	0
113	Human transcriptome profiling: applications in health and disease. <b>2023</b> , 373-395	0
112	A Unified Genomic Mechanism of Cell-Fate Change. <b>2022</b> , 35-69	0
111	Microarray and Pathway Analysis for Osteoarthritis Disease. <b>2022</b> ,	0
110	The seeker R package: simplified fetching and processing of transcriptome data. 10, e14372	0
109	A comprehensive survey on computational learning methods for analysis of gene expression data. 9,	1
108	Glial progenitor cells of the adult human white and grey matter are contextually distinct.	0
107	Limiting etioplast gene-expression induces apical hook twisting during skoto-morphogenesis of Arabidopsis seedlings.	0
106	Integrated analysis of single-cell transcriptome of liver cancer and cirrhosis reveals cell lineage similarity and prognostic-associated subpopulations.	0
105	Expression of TCF3 target genes defines a subclass of diffuse large B-cell lymphoma characterized by up-regulation of MYC target genes and poor clinical outcome following R-CHOP therapy. 1-11	0
104	IGF1R expression by adult oligodendrocytes is not required in the steady-state but supports neuroinflammation.	0
103	COXPRESdb v8: an animal gene coexpression database navigating from a global view to detailed investigations.	1
102	Computational Approaches to Assess Abnormal Metabolism in Alzheimer's Disease Using Transcriptomics. <b>2023</b> , 173-189	0
101	Malignant potential of breast cancer stem cells is associated with environment- dependent upregulation of the Oct3/4 network.	0
100	TOXRIC: a comprehensive database of toxicological data and benchmarks.	0



99	Data-driven analysis and druggability assessment methods to accelerate the identification of novel cancer targets. <b>2023</b> , 21, 46-57	○
98	Potential target identification for osteosarcoma treatment: Gene expression re-analysis and drug repurposing. <b>2023</b> , 856, 147106	○
97	NUSAP1 and PCLAF (KIA0101) Downregulation by Neoadjuvant Therapy is Associated with Better Therapeutic Outcomes and Survival in Breast Cancer. <b>2022</b> , 2022, 1-14	○
96	Reduced LYNX1 expression in transcriptome of human iPSC-derived neural progenitors modeling fragile X syndrome. 10,	○
95	Correlates of vaccine protection against Mycobacterium avium sub-species paratuberculosis infection revealed in a transcriptomic study of responses in Gudair vaccinated sheep. 9,	○
94	Differential gene expression during recall of behaviorally conditioned immune enhancement in rats: a pilot study. 11, 1405	○
93	X-linked inhibitor of apoptosis protein represents a promising therapeutic target for relapsed/refractory ALL.	○
92	Single-cell and microarray chip analysis revealed the underlying pathogenesis of ulcerative colitis and validated model genes in diagnosis and drug response.	○
91	NR4A2 may be a potential diagnostic biomarker for myocardial infarction: A comprehensive bioinformatics analysis and experimental validation. 13,	○
90	Developing a Novel Immune-Related Seven-Gene Signature and Immune Infiltration Pattern in Patients with COVID-19 and Cardiovascular Disease. <b>2022</b> , 9, 450	○
89	Identification of key genes and miRNAs related to polycystic ovary syndrome by comprehensive analysis of microarray. <b>2022</b> , 15,	○
88	Differential microRNA profiles in elderly males with seborrheic dermatitis. <b>2022</b> , 12,	○
87	EGFR is a master switch between immunosuppressive and immunoactive tumor microenvironment in inflammatory breast cancer. <b>2022</b> , 8,	1
86	Assisted clustering of gene expression data using regulatory data from partially overlapping sets of individuals. <b>2022</b> , 23,	○
85	Gene expression profile analysis to discover molecular signatures for early diagnosis and therapies of triple-negative breast cancer. 9,	○
84	Cell cycle protein BORA is associated with colorectal cancer progression by AURORA-PLK1 cascades: a bioinformatics analysis.	○
83	Hedgehog signaling regulates Wolffian duct development through the primary cilium.	○
82	Correlation of Transcriptomics and FDG-PET SUVmax Indicates Reciprocal Expression of Stemness-Related Transcription Factor and Neuropeptide Signaling Pathways in Glucose Metabolism of Ewing Sarcoma. <b>2022</b> , 14, 5999	○

- 81 Pathway expression analysis. **2022**, 12, ○
- 80 High-fat Diet-induced deSUMOylation of E4BP4 Promotes Lipid Droplet Biogenesis and Liver Steatosis in Mice. ○
- 79 Combining Molecular Subtypes with Multivariable Clinical Models has the Potential to Improve Prediction of Treatment Outcomes in Prostate Cancer at Diagnosis. **2023**, 30, 157-170 ○
- 78 Systematic multi-omics cell line profiling uncovers principles of Ewing sarcoma fusion oncogene-mediated gene regulation. **2022**, 41, 111761 ○
- 77 Nr6a1 controls Hox expression dynamics and is a master regulator of vertebrate trunk development. **2022**, 13, ○
- 76 miR -4734 conditionally suppresses ER stress-associated proinflammatory responses. ○
- 75 The CD73 immune checkpoint promotes tumor cell metabolic fitness. ○
- 74 Physiological and Molecular Characterization of Yeast Cultures Pre-Adapted for Fermentation of Lignocellulosic Hydrolysate. **2023**, 9, 72 ○
- 73 Selected Aspects of Interactive Feature Extraction. **2022**, 121-287 ○
- 72 Role of miR-944/MMP10/AXL- axis in lymph node metastasis in tongue cancer. **2023**, 6, ○
- 71 Integration of meta-analysis, machine learning and systems biology approach for investigating the transcriptomic response to drought stress in Populus species. **2023**, 13, ○
- 70 On data normalization and batch-effect correction for tumor subtyping with microRNA data. **2023**, 5, ○
- 69 High Glucose Increases DNA Damage and Elevates the Expression of Multiple DDR Genes. **2023**, 14, 144 1
- 68 Identification of novel nutrient-sensitive gene regulatory networks in amniocytes from fetuses with spina bifida. **2023**, 116, 108333 ○
- 67 Transcriptomic Analysis Reveals That Retinal Neuromodulation Is a Relevant Mechanism in the Neuroprotective Effect of Sitagliptin in an Experimental Model of Diabetic Retinopathy. **2023**, 24, 571 ○
- 66 Distributed Heterogeneous Transfer Learning for Link Prediction in the Positive Unlabeled Setting. **2022**, ○
- 65 SLC-0111, an inhibitor of carbonic anhydrase IX, attenuates hepatoblastoma cell viability and migration. 13, 1
- 64 Influence of sex, age and diabetes on brain transcriptome and proteome modifications following cerebral ischemia. **2023**, 24, ○

- 63 Adaptation of Graph Convolutional Neural Networks and Graph Layer-wise Relevance Propagation to the Spektral library with application to gene expression data of Colorectal Cancer patients. ○
- 62 Seven non-differentially expressed dark biomarkers show transcriptional dysregulation in chronic lymphocytic leukemia. ○
- 61 MiR-130b modulates the invasive, migratory, and metastatic behavior of leiomyosarcoma. **2023**, 18, e0278844 ○
- 60 Identification of ULK1 as a novel mitophagy-related gene in diabetic nephropathy. 13, ○
- 59 Hepatic ribosomal protein S6 (Rps6) insufficiency results in failed bile duct development and loss of hepatocyte viability; a ribosomopathy-like phenotype that is partially p53-dependent. **2023**, 19, e1010595 ○
- 58 Cerivastatin Synergizes with Trametinib and Enhances Its Efficacy in the Therapy of Uveal Melanoma. **2023**, 15, 886 ○
- 57 Identification of a Novel Gene Signature for Neuroblastoma Differentiation using a Boolean Implication Network. ○
- 56 Gene Set Enrichment Analysis and Genetic Experiment Reveal Changes in Cell Signaling Pathways Induced by Synuclein Overexpression. **2023**, 11, 263 ○
- 55 Anti-inflammatory Therapy Protects Spiral Ganglion Neurons After Aminoglycoside Antibiotic-Induced Hair Cell Loss. ○
- 54 A Prox1 enhancer represses haematopoiesis in the lymphatic vasculature. **2023**, 614, 343-348 ○
- 53 Systematic comparison of transcriptomes of Caco-2 cells cultured under different cellular and physiological conditions. 1
- 52 Functional profiles of curatively treated adenoid cystic carcinoma unveil prognostic features and potentially targetable pathways. **2023**, 13, ○
- 51 Selective Destabilization of Transcripts by mRNA Decapping Regulates Oocyte Maturation and Innate Immunity Gene Expression during Ageing in *C. elegans*. **2023**, 12, 171 ○
- 50 Targeting a check point receptor of human primary natural killer cells via CRISPR/Cas9 potentiates anti-tumor activity in allogeneic glioblastoma. ○
- 49 Comprehensive analysis of the RNA transcriptome expression profiles and construction of the ceRNA network in heart failure patients with sacubitril/valsartan therapeutic heterogeneity after acute myocardial infarction. **2023**, 175547 ○
- 48 Loss of dyskerin facilitates the acquisition of metastatic traits by altering the mevalonate pathway. **2023**, 6, e202201692 ○
- 47 Limiting etioplast gene-expression induces apical hook twisting during skoto-morphogenesis of *Arabidopsis* seedlings. ○
- 46 Comprehensive analysis of cuproptosis-related genes in immune infiltration in ischemic stroke. 13, ○

- 45 Parallel molecular alteration between Alzheimer's disease and major depressive disorder in the human brain dorsolateral prefrontal cortex: an insight from gene expression and methylation profile analyses. **2023**, ○
- 44 Lower Expression of CFTR Is Associated with Higher Mortality in a Meta-Analysis of Individuals with Colorectal Cancer. **2023**, 15, 989 ○
- 43 Analysis of gene expression related to polyamine concentration and dimorphism induced in ornithine decarboxylase (odc) and spermidine synthase (spd) *Ustilago maydis* mutants. **2023**, 103792 ○
- 42 Periostin facilitates ovarian cancer recurrence by enhancing cancer stemness. ○
- 41 Methodology to identify a gene expression signature by merging microarray datasets. **2023**, 159, 106867 ○
- 40 Identification of key genes involved in neural regeneration and the repairing effect of BDNF-overexpressed BMSCs on spinal cord ischemia-reperfusion injury in rats. **2023**, 160, 114293 ○
- 39 An extracellular matrix stiffness-induced breast cancer cell transcriptome resembles the transition from ductal carcinoma in situ (DCIS) to invasive ductal carcinoma (IDC). **2023**, 654, 73-79 ○
- 38 A prognostic model based on necroptosis-related genes for prognosis and therapy in bladder cancer. **2023**, 23, ○
- 37 Co-expression module analysis reveals expression homogeneity of module members for coding and non-coding genes in sepsis. ○
- 36 LINC00886 Negatively Regulates Malignancy in Anaplastic Thyroid Cancer. **2023**, 164, ○
- 35 Whole-Blood Gene Expression Profiles Associated with Mortality in Community-Acquired Pneumonia. **2023**, 11, 429 ○
- 34 Intestinal Epithelial Cells Adapt to Chronic Inflammation through Partial Genetic Reprogramming. **2023**, 15, 973 ○
- 33 Identification and validation of neurotrophic factor-related gene signatures in glioblastoma and Parkinson's disease. 14, ○
- 32 Fatty acid synthase as a new therapeutic target for HER2-positive gastric cancer. ○
- 31 Identification and Validation of Immune-Related Genes Diagnostic for Progression of Atherosclerosis and Diabetes. Volume 16, 505-521 ○
- 30 Pan-Genomic Regulation of Gene Expression in Normal and Pathological Human Placentas. **2023**, 12, 578 ○
- 29 Squalene monooxygenase(SQLE) protects ovarian cancer cells from ferroptosis. ○
- 28 Identification of four metabolic subtypes and key prognostic markers in lung adenocarcinoma based on glycolytic and glutaminolytic pathways. **2023**, 23, ○

- 27 Identification of candidate genes for nicotine withdrawal in C57BL / 6J  $\times$  DBA / 2J recombinant inbred mice. **2023**, 22, ○
- 26 CT-derived radiomic analysis for predicting the survival rate of patients with non-small cell lung cancer receiving radiotherapy. **2023**, 107, 102546 ○
- 25 Analysis of gene expression profile for identification of novel gene signatures during dengue infection. **2023**, 2, 19-30 ○
- 24 Androgen Receptor driven gene score identifies tumors with Epithelial to Mesenchymal Transition features in triple negative breast cancer. ○
- 23 Gene expression patterns and related pathways in the hearts of rhesus monkeys subjected to prolonged myocardial ischemia. 153537022311519 ○
- 22 Weighted gene co-expression network analysis identifies key hub genes and pathways in acute myeloid leukemia. 14, ○
- 21 bvnGPS: a generalizable diagnostic model for acute bacterial and viral infection using integrative host transcriptomics and pretrained neural networks. **2023**, 39, ○
- 20 Intergenerational Inheritance of Hepatic Steatosis in a Mouse Model of Childhood Obesity: Potential Involvement of Germ-Line microRNAs. **2023**, 15, 1241 ○
- 19 Transcriptional Basis of Ca<sup>2+</sup> Remodeling Reversal Induced by Polyamine Synthesis Inhibition in Colorectal Cancer Cells. **2023**, 15, 1600 ○
- 18 Identification of Hub Genes Associated with Resistance to Prednisolone in Acute Lymphoblastic Leukemia Based on Weighted Gene Co-expression Network Analysis. ○
- 17 Identification of cuproptosis hub genes contributing to the immune microenvironment in ulcerative colitis using bioinformatic analysis and experimental verification. 14, ○
- 16 Mechanisms regulating the properties of inhibition-based gamma oscillations in primate prefrontal and parietal cortices. ○
- 15 Characterizing the extracellular matrix transcriptome of endometriosis. ○
- 14 Construction of a prognostic model based on eight ubiquitination-related genes via machine learning and potential therapeutics analysis for cervical cancer. 14, ○
- 13 Construction and validation of a prognostic model based on ten signature cell cycle-related genes for early-stage lung squamous cell carcinoma. **2023**, 36, 313-326 ○
- 12 Integrative network-based analysis on multiple Gene Expression Omnibus datasets identifies novel immune molecular markers implicated in non-alcoholic steatohepatitis. 14, ○
- 11 Exploring Whether Iron Sequestration within the CNS of Patients with Alzheimer's Disease Causes a Functional Iron Deficiency That Advances Neurodegeneration. **2023**, 13, 511 ○
- 10 Meta-analysis of the space flight and microgravity response of the Arabidopsis plant transcriptome. **2023**, 9, ○

- 9 A Multi-Level Systems Biology Analysis of Aldrin's Metabolic Effects on Prostate Cancer Cells. **2023**, 11, 11 ○
- 8 High Levels of FGF11 Correlate with Poor Survival in Patients with Human Papillomavirus (HPV)-Positive Oropharyngeal Squamous Cell Carcinoma. **2023**, 15, 1954 ○
- 7 Insight into the mechanism of DNA methylation and miRNA-mRNA regulatory network in ischemic stroke. **2023**, 20, 10264-10283 ○
- 6 Protective Effect of Qingchang Wenzhong Decoction on Colitis and Colitis-Related Carcinogenesis by Regulating Inflammation and Intestinal Fibrosis. Volume 16, 1479-1495 ○
- 5 Behçet syndrome: The disturbed balance between anti- (CLEC12A , CLC ) and proinflammatory (IFI27 ) gene expressions. **2023**, 11, ○
- 4 Identification of key genes in bovine muscle development by co-expression analysis. 11, e15093 ○
- 3 Exploiting convergent phenotypes to derive a pan-cancer cisplatin response gene expression signature. **2023**, 7, ○
- 2 Module representatives for refining gene co-expression modules. ○
- 1 Statistical Methodologies for Analyzing Genomic Data. **2023**, 621-634 ○