

# CITATION REPORT

List of articles citing

Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays

DOI: 10.1677/jme.0.0250169

Journal of Molecular Endocrinology, 2000, 25, 169-93.

**Source:** <https://exaly.com/paper-pdf/32103929/citation-report.pdf>

**Version:** 2024-04-10

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
2342	Apolipoprotein E genotypes in primary progressive aphasia. <b>1997</b> , 49, 51-5		38
2341	Overexpression of UCP-3 in skeletal muscle of mice results in increased expression of mitochondrial thioesterase mRNA. <b>2001</b> , 283, 785-90		61
2340	An overview of real-time quantitative PCR: applications to quantify cytokine gene expression. <b>2001</b> , 25, 386-401		979
2339	Navigating gene expression using microarrays--a technology review. <b>2001</b> , 3, E190-5		392
2338	Effects of neonatal hypothyroidism on the expressions of growth cone proteins and axon guidance molecules related genes in the hippocampus. <b>2001</b> , 184, 143-50		21
2337	Expression of the Ca <sup>2+</sup> -activated chloride channel genes CLCA1 and CLCA2 is downregulated in human colorectal cancer. <b>2001</b> , 20, 331-8		74
2336	Recent developments in molecular tools for conservation. <b>2001</b> , 321-344		1
2335	Toxicogenomics: "the call of the wild chip". <b>2001</b> , 109, A8-11		16
2334	Random monoallelic expression of three genes clustered within 60 kb of mouse t complex genomic DNA. <b>2001</b> , 11, 1833-41		35
2333	Rapid Quantification of Human ABCA1 mRNA in Various Cell Types and Tissues by Real-Time Reverse Transcription-PCR. <b>2001</b> , 47, 2089-2097		80
2332	Applying Molecular Biological Techniques to Detecting Biological Agents. <b>2001</b> , 21, 631-660		8
2331	Altered apoptosis pathways in mantle cell lymphoma detected by oligonucleotide microarray. <b>2001</b> , 98, 787-94		158
2330	Characterization of a cDNA encoding a cathepsin L-like protein of <i>Rhodnius prolixus</i> . <b>2001</b> , 10, 505-11		23
2329	Members of the tomato LeEIL (EIN3-like) gene family are functionally redundant and regulate ethylene responses throughout plant development. <b>2001</b> , 26, 47-58		196
2328	A new mathematical model for relative quantification in real-time RT-PCR. <b>2001</b> , 29, e45		23407
2327	Degradation of maternal cdc25c during the maternal to zygotic transition is dependent upon embryonic transcription. <b>2001</b> , 60, 181-8		19
2326	Quantitative reverse transcriptase polymerase chain reaction assay for mouse androgen receptor mRNA. <b>2001</b> , 15, 193-8		6

2325	Tuning pacemaker frequency of individual dopaminergic neurons by Kv4.3L and KChip3.1 transcription. <b>2001</b> , 20, 5715-24	224
2324	Microarrays: handling the deluge of data and extracting reliable information. <b>2001</b> , 19, 463-8	99
2323	Region-specific transcriptional response to chronic nicotine in rat brain. <b>2001</b> , 909, 194-203	92
2322	Reverse transcription-polymerase chain reaction quantitation of steroid receptor mRNA levels. <b>2001</b> , 137, 379-80	
2321	EBP2 is a member of the yeast RRB regulon, a transcriptionally coregulated set of genes that are required for ribosome and rRNA biosynthesis. <b>2001</b> , 21, 8638-50	57
2320	The expression of the growth hormone secretagogue receptor ligand ghrelin in normal and abnormal human pituitary and other neuroendocrine tumors. <b>2001</b> , 86, 881-7	236
2319	Diagnostic and scientific applications of TaqMan real-time PCR in neuroblastomas. <b>2001</b> , 1, 233-8	11
2318	Frequency and genome load of Epstein-Barr virus in 509 breast cancers from different geographical areas. <b>2001</b> , 84, 783-90	98
2317	Discrepancy between molecular structure and ligand selectivity of a testicular follicle-stimulating hormone receptor of the African catfish ( <i>Clarias gariepinus</i> ). <b>2001</b> , 64, 1633-43	134
2316	Blocking chemokine responsive to gamma-2/interferon (IFN)-gamma inducible protein and monokine induced by IFN-gamma activity in vivo reduces the pathogenetic but not the antiviral potential of hepatitis B virus-specific cytotoxic T lymphocytes. <b>2001</b> , 194, 1755-66	202
2315	Cyclin A1 and gametogenesis in fertile and infertile patients: a potential new molecular diagnostic marker. <b>2002</b> , 17, 2338-43	20
2314	Phosphoinositide 3-kinase and Bruton's tyrosine kinase regulate overlapping sets of genes in B lymphocytes. <b>2002</b> , 99, 359-64	54
2313	Rapid quantification of murine ABC mRNAs by real time reverse transcriptase-polymerase chain reaction. <b>2002</b> , 43, 2180-7	35
2312	Osteopontin transcription in aortic vascular smooth muscle cells is controlled by glucose-regulated upstream stimulatory factor and activator protein-1 activities. <b>2002</b> , 277, 44485-96	98
2311	Induction of CYP1A1 and CYP1B1 in T-47D human breast cancer cells by benzo[a]pyrene is diminished by arsenite. <b>2002</b> , 30, 262-9	64
2310	The Alzheimer's A beta -peptide is deposited at sites of complement activation in pathologic deposits associated with aging and age-related macular degeneration. <b>2002</b> , 99, 11830-5	356
2309	Interindividual variability and tissue-specificity in the expression of cytochrome P450 3A mRNA. <b>2002</b> , 30, 1108-14	261
2308	Sexual dimorphism and tissue specificity in the expression of CYP4F forms in Sprague Dawley rats. <b>2002</b> , 30, 1022-8	55

2307	Active heroin administration induces specific genomic responses in the nucleus accumbens shell. <b>2002</b> , 16, 1961-3	50
2306	Laser capture microdissection analysis of gene expression in macrophages from atherosclerotic lesions of apolipoprotein E-deficient mice. <b>2002</b> , 99, 2234-9	153
2305	Human apical sodium-dependent bile salt transporter gene (SLC10A2) is regulated by the peroxisome proliferator-activated receptor alpha. <b>2002</b> , 277, 30559-66	90
2304	Multiplex quantitative PCR using self-quenched primers labeled with a single fluorophore. <b>2002</b> , 30, e37	206
2303	Expression profiling of the whole Arabidopsis shaggy-like kinase multigene family by real-time reverse transcriptase-polymerase chain reaction. <b>2002</b> , 130, 577-90	154
2302	The human XPC DNA repair gene: arrangement, splice site information content and influence of a single nucleotide polymorphism in a splice acceptor site on alternative splicing and function. <b>2002</b> , 30, 3624-31	131
2301	Changes in Leydig cell gene expression during development in the mouse. <b>2002</b> , 66, 966-75	179
2300	Functional correction of established central nervous system deficits in an animal model of lysosomal storage disease with feline immunodeficiency virus-based vectors. <b>2002</b> , 99, 6216-21	144
2299	Phospholipase A2 group IIA expression in gastric adenocarcinoma is associated with prolonged survival and less frequent metastasis. <b>2002</b> , 99, 16203-8	134
2298	Effects of aging on human skeletal muscle myosin heavy-chain mRNA content and protein isoform expression. <b>2002</b> , 57, B232-8	35
2297	The neuroprotective antioxidant alpha-lipoic acid induces detoxication enzymes in cultured astroglial cells. <b>2002</b> , 36, 695-9	40
2296	Characterization of rat NDRG2 (N-Myc downstream regulated gene 2), a novel early mineralocorticoid-specific induced gene. <b>2002</b> , 277, 31506-15	119
2295	Transcriptional effects of chronic Akt activation in the heart. <b>2002</b> , 277, 22528-33	151
2294	Regulation of osteocalcin gene expression by a novel Ku antigen transcription factor complex. <b>2002</b> , 277, 37280-91	69
2293	Quantification of the expression level of the gene encoding the catalytic subunit of telomerase in testicular tissue specimens predicts successful sperm recovery. <b>2002</b> , 17, 150-6	12
2292	Mutational and expression analysis of the NF1 gene argues against a role as tumor suppressor in sporadic pilocytic astrocytomas. <b>2002</b> , 61, 896-902	46
2291	Regulation of sodium-iodide-symporter gene expression in human thyrocytes measured by real-time polymerase chain reaction. <b>2002</b> , 110, 398-402	8
2290	Quantitative measurement of mRNA levels by RT-PCR. Studies of ECE-1 isoforms. <b>2002</b> , 206, 125-45	2

2289	Reduction of coactivator expression by antisense oligodeoxynucleotides inhibits ERalpha transcriptional activity and MCF-7 proliferation. <b>2002</b> , 16, 253-70	62
2288	Up-regulation of IL-18 and IL-12 in the ileum of neonatal rats with necrotizing enterocolitis. <b>2002</b> , 51, 733-9	103
2287	Effect of proinflammatory cytokines on gene expression of the diabetes-associated autoantigen IA-2 in INS-1 cells. <b>2002</b> , 143, 3839-45	18
2286	Molecular studies of cerebrospinal fluid in human immunodeficiency virus type 1-associated opportunistic central nervous system diseases--an update. <b>2002</b> , 8 Suppl 2, 122-8	5
2285	Stage-specific expression of genes associated with rat spermatogenesis: characterization by laser-capture microdissection and real-time polymerase chain reaction. <b>2002</b> , 67, 820-8	31
2284	Chipping away at breast cancer: insights from microarray studies of human and mouse mammary cancer. <b>2002</b> , 9, 207-20	24
2283	Accuracy and calibration of commercial oligonucleotide and custom cDNA microarrays. <b>2002</b> , 30, e48	406
2282	Quantitative assessment of CYP11B1 and CYP11B2 expression in aldosterone-producing adenomas. <b>2002</b> , 147, 795-802	43
2281	Pachytene spermatocytes in co-culture inhibit rat Sertoli cell synthesis of inhibin beta B-subunit and inhibin B but not the inhibin alpha-subunit. <b>2002</b> , 172, 565-74	29
2280	The expression of the developmentally regulated proto-oncogene Pax-3 is modulated by N-Myc. <b>2002</b> , 277, 34815-25	40
2279	Complex regulation of human neuronal nitric-oxide synthase exon 1c gene transcription. Essential role of Sp and ZNF family members of transcription factors. <b>2002</b> , 277, 25798-814	65
2278	Quantification of housekeeping transcript levels during the development of bovine preimplantation embryos. <b>2002</b> , 67, 1465-72	169
2277	Quantitative detection of T-cell activation markers by real-time PCR in renal transplant rejection and correlation with histopathologic evaluation. <b>2002</b> , 74, 701-7	76
2276	Characterization of gene expression of CD34+ cells from normal and myelodysplastic bone marrow. <b>2002</b> , 100, 3553-60	197
2275	Methods for Analysing mRNA Expression. 163-407	
2274	Quantitation of expressed message for inducible nitric oxide synthase. <b>2002</b> , 359, 445-52	
2273	Measuring immune responses in vivo. <b>2002</b> , 32, 403-431	
2272	Th2 cytokine regulation of type I collagen gel contraction mediated by human lung mesenchymal cells. <b>2002</b> , 282, L1049-56	55

2271	Local expression of insulin-like growth factor-I affects angiogenesis in colorectal cancer. <b>2002</b> , 23, 130-8	28
2270	Evaluation of new linkers and synthetic methods for internal modified oligonucleotides. <b>2002</b> , 13, 1155-8	10
2269	High-performance real-time quantitative RT-PCR using lanthanide probes and a dual-temperature hybridization assay. <b>2002</b> , 74, 3525-32	76
2268	Electrophoretic quantitation of nucleic acids without amplification by single-molecule imaging. <b>2002</b> , 74, 5033-8	48
2267	Vitamin D receptor (VDR) mRNA and VDR protein levels in relation to vitamin D status, insulin secretory capacity, and VDR genotype in Bangladeshi Asians. <b>2002</b> , 51, 2294-300	207
2266	Basic Concepts of Gene Expression. 1-95	
2265	Estrogen-related abnormalities in glomerulosclerosis-prone mice: reduced mesangial cell estrogen receptor expression and prosclerotic response to estrogens. <b>2002</b> , 160, 1877-85	68
2264	Sequencing, transcript identification, and quantitative gene expression profiling in the breast cancer loss of heterozygosity region 16q24.3 reveal three potential tumor-suppressor genes. <b>2002</b> , 80, 303-10	39
2263	A method for the rapid construction of cRNA standard curves in quantitative real-time reverse transcription polymerase chain reaction. <b>2002</b> , 16, 99-110	174
2262	Osteoblastic differentiation induced by transcription factor decoy against estrogen receptor alpha gene. <b>2002</b> , 292, 761-70	23
2261	Different effects of glucose starvation on expression and stability of VEGF mRNA isoforms in murine ovarian cancer cells. <b>2002</b> , 292, 860-8	61
2260	Semiquantitative real-time PCR for analysis of mRNA levels. <b>2003</b> , 79, 211-27	4
2259	Tissue expression profiling using real-time PCR. <b>2002</b> , Chapter 6, Unit 6.9	
2258	The significance of minimal residual disease in patients with t(15;17). <b>2002</b> , 15, 137-58	29
2257	Human organic anion transporting polypeptide 8 promoter is transactivated by the farnesoid X receptor/bile acid receptor. <b>2002</b> , 122, 1954-66	132
2256	Intramolecular dimers: a new strategy to fluorescence quenching in dual-labeled oligonucleotide probes. <b>2002</b> , 124, 6950-6	139
2255	Accurate normalization of real-time quantitative RT-PCR data by geometric averaging of multiple internal control genes. <b>2002</b> , 3, RESEARCH0034	13446
2254	Primer on medical genomics part II: Background principles and methods in molecular genetics. <b>2002</b> , 77, 785-808	25

2253	Relative expression software tool (REST) for group-wise comparison and statistical analysis of relative expression results in real-time PCR. <b>2002</b> , 30, e36	5505
2252	Virulence control in group A Streptococcus by a two-component gene regulatory system: global expression profiling and in vivo infection modeling. <b>2002</b> , 99, 13855-60	309
2251	Identification of the mitochondrial glutamate transporter. Bacterial expression, reconstitution, functional characterization, and tissue distribution of two human isoforms. <b>2002</b> , 277, 19289-94	150
2250	Changes in expression of the orphan G-protein coupled receptor GPR7 in human painful peripheral neuropathies. <b>2002</b> , 115-124	
2249	Peptide Research Protocols. <b>2002</b> ,	
2248	Drugs of Abuse. <b>2002</b> ,	
2247	Expression of 25-hydroxyvitamin D-1-alpha-hydroxylase mRNA in individuals with colorectal cancer. <b>2002</b> , 359, 1831-2	41
2246	Validation of a quantitative method for real time PCR kinetics. <b>2002</b> , 294, 347-53	292
2245	Kinetic characterisation of primer mismatches in allele-specific PCR: a quantitative assessment. <b>2002</b> , 299, 715-22	16
2244	Real-time quantitative reverse transcription-PCR assay for renal cell carcinoma-associated antigen G250. <b>2002</b> , 318, 33-40	9
2243	DNA repair and cisplatin resistance in non-small-cell lung cancer. <b>2002</b> , 38, 217-27	143
2242	Sulfur sparing in the yeast proteome in response to sulfur demand. <b>2002</b> , 9, 713-23	213
2241	Quantification using real-time PCR technology: applications and limitations. <b>2002</b> , 8, 257-60	514
2240	Lumican is a major proteoglycan component of the bone matrix. <b>2002</b> , 21, 361-7	76
2239	Altered expression of novel genes in the cerebral cortex following experimental brain injury. <b>2002</b> , 104, 148-58	108
2238	Changes in cortical and cerebellar bcl-2 mRNA levels in the developing hydrocephalic rat (LEW-HYR) as measured by a real time quantified RT-PCR. <b>2002</b> , 114, 165-71	12
2237	Real-time polymerase chain reaction assays for leukocyte CD and cytokine mRNAs of the Eastern woodchuck ( <i>Marmota monax</i> ). <b>2002</b> , 87, 97-105	13
2236	Quantitative reverse transcription polymerase chain reaction analysis of <i>Porphyromonas gingivalis</i> gene expression in vivo. <b>2002</b> , 49, 147-56	30

2235	Bacterial DNA decontamination for reverse transcription polymerase chain reaction (RT-PCR). <b>2002</b> , 51, 119-21	8
2234	Quantitation of the mRNA levels of Epo and EpoR in various tissues in the ovine fetus. <b>2002</b> , 188, 207-18	16
2233	Quantification of mouse glial cell-line derived neurotrophic factor family receptor alpha 2 alternatively spliced isoforms by real time detection PCR using SYBR Green I. <b>2002</b> , 320, 141-5	8
2232	Real-time PCR in virology. <b>2002</b> , 30, 1292-305	875
2231	Functional genomics of immune responses. <b>2002</b> , 22, 891-910	2
2230	Improved quantitative real-time RT-PCR for expression profiling of individual cells. <b>2002</b> , 30, e89	110
2229	Quantitative real-time RT-PCR using hybridization probes and imported standard curves for cytokine gene expression analysis. <b>2002</b> , 33, 1078, 1080-2, 1084 passim	26
2228	Prostaglandin E(2)-synthesizing enzymes in fever: differential transcriptional regulation. <b>2002</b> , 283, R1104-17	112
2227	Glutathione prevents inhibition of fibroblast-mediated collagen gel contraction by cigarette smoke. <b>2002</b> , 283, L409-17	28
2226	Expression profiling of mammary carcinoma cell lines: correlation of in vitro invasiveness with expression of CD24. <b>2002</b> , 23, 139-45	49
2225	Identification of nitric oxide synthase neurons for laser capture microdissection and mRNA quantification. <b>2002</b> , 33, 1274-83	18
2224	Effects of elevated pressure on prostanoid receptor gene expression levels in human trabecular meshwork. <b>2002</b> , 34, 314-8	4
2223	Effect of cyclophosphamide on gene expression of cytochromes p450 and beta-actin in the HL-60 cell line. <b>2002</b> , 449, 197-205	15
2222	Plasmodium vivax: parasitemia determination by real-time quantitative PCR in Aotus monkeys. <b>2002</b> , 100, 131-4	15
2221	Detection of apple chlorotic leaf spot virus using a 5' nuclease assay with a fluorescent 3' minor groove binder-DNA probe. <b>2002</b> , 104, 99-106	16
2220	Quantitative assay for measuring the Taura syndrome virus and yellow head virus load in shrimp by real-time RT-PCR using SYBR Green chemistry. <b>2002</b> , 104, 69-82	91
2219	Combination of MHC-peptide multimer-based T cell sorting with the Immunoscope permits sensitive ex vivo quantitation and follow-up of human CD8+ T cell immune responses. <b>2002</b> , 261, 177-94	75
2218	Th1/Th2 biasing effects of vaccination in cattle as determined by real-time PCR. <b>2002</b> , 263, 11-21	32

2217	Statistical issues with microarrays: processing and analysis. <b>2002</b> , 18, 265-71	248
2216	Loss of genomic imprinting of insulin-like growth factor 2 is strongly associated with cellular proliferation in normal hematopoietic cells. <b>2002</b> , 30, 318-23	29
2215	Quantitative assessment of gene expression in highly purified hematopoietic cells using real-time reverse transcriptase polymerase chain reaction. <b>2002</b> , 30, 481-7	50
2214	Gene quantification using real-time quantitative PCR: an emerging technology hits the mainstream. <b>2002</b> , 30, 503-12	954
2213	Discriminative quantification of cytochrome P4502D6 and 2D7/8 pseudogene expression by TaqMan real-time reverse transcriptase polymerase chain reaction. <b>2002</b> , 300, 121-31	19
2212	A new quantitative method of real time reverse transcription polymerase chain reaction assay based on simulation of polymerase chain reaction kinetics. <b>2002</b> , 302, 52-9	420
2211	Effects of sialic acid substitutions on recognition by Sambucus nigra agglutinin and Maackia amurensis hemagglutinin. <b>2002</b> , 303, 98-104	48
2210	Elimination of primer-dimer artifacts and genomic coamplification using a two-step SYBR green I real-time RT-PCR. <b>2002</b> , 303, 95-8	186
2209	Distinct in vivo expression patterns of survivin splice variants in renal cell carcinomas. <b>2002</b> , 100, 30-6	109
2208	Aroclor 1254 alters morphology, survival, and gene expression in <i>Xenopus laevis</i> tadpoles. <b>2002</b> , 40, 24-35	25
2207	Preparation and applications of <i>Arabidopsis thaliana</i> guard cell protoplasts. <b>2002</b> , 153, 517-526	71
2206	Staking out novelty on the genomic frontier. <b>2002</b> , 6, 418-26	6
2205	Quantification of telomerase activity, porphobilinogen deaminase and human telomerase reverse transcriptase mRNA in testicular tissue - new parameters for a molecular diagnostic classification of spermatogenesis disorders. <b>2002</b> , 25, 34-44	6
2204	Quantification of cyclin A1 and glyceraldehyde-3-phosphate dehydrogenase expression in testicular biopsies of infertile patients by fluorescence real-time RT-PCR. <b>2002</b> , 25, 202-9	4
2203	Altered chemokine expression in the spinal cord and brain contributes to differential interleukin-1beta-induced neutrophil recruitment. <b>2002</b> , 83, 432-41	52
2202	Estimating the number of integrations in transformed plants by quantitative real-time PCR. <b>2002</b> , 2, 20	115
2201	Cord blood mononuclear cell cytokine responses in relation to maternal house dust mite allergen exposure. <b>2002</b> , 32, 355-60	23
2200	Substantial changes in gene expression level due to the storage temperature and storage duration of human whole blood. <b>2002</b> , 24, 337-41	56

2199	Differential expression of two gonadotropin (GTH) beta subunit genes during ovarian maturation induced by repeated injection of salmon GTH in the Japanese eel <i>Anguilla japonica</i> . <b>2002</b> , 68, 290-298	40
2198	Accurate quantitative RT-PCR for relative expression of Slo splice variants. <b>2002</b> , 115, 189-98	8
2197	Mechanical compression alters gene expression and extracellular matrix synthesis by chondrocytes cultured in collagen I gels. <b>2002</b> , 23, 1249-59	142
2196	Quantitative real-time PCR identifies a critical region of deletion on 22q13 related to prognosis in oral cancer. <b>2002</b> , 21, 6480-7	40
2195	The systemic and local acute phase response following acute brain injury. <b>2002</b> , 22, 318-26	76
2194	Sp3 expression in immune cells: a quantitative study. <b>2002</b> , 82, 1131-8	4
2193	Comparison of the RNA-amplification based methods RT-PCR and NASBA for the detection of circulating tumour cells. <b>2002</b> , 86, 102-9	22
2192	mRNA-specific reverse transcription-polymerase chain reaction from human tissue extracts. <b>2002</b> , 307, 304-15	42
2191	Quantitative real-time reverse transcription polymerase chain reaction: normalization to rRNA or single housekeeping genes is inappropriate for human tissue biopsies. <b>2002</b> , 309, 293-300	469
2190	Hormone response element in SV40 late promoter directly affects synthesis of early as well as late viral RNAs. <b>2002</b> , 297, 307-18	7
2189	Quantification of mRNA using real-time reverse transcription PCR (RT-PCR): trends and problems. <i>Journal of Molecular Endocrinology</i> , <b>2002</b> , 29, 23-39	4.5 1916
2188	Real-time RT-PCR quantitation of mCLCA1 and mCLCA2 reveals differentially regulated expression in pre- and postnatal murine tissues. <b>2002</b> , 118, 11-7	28
2187	Expression profiling following traumatic brain injury: a review. <b>2002</b> , 27, 1147-55	40
2186	Optimizing gene expression analysis in archival brain tissue. <b>2002</b> , 27, 993-1003	29
2185	Developmentally-regulated changes of Xist RNA levels in single preimplantation mouse embryos, as revealed by quantitative real-time PCR. <b>2002</b> , 61, 425-36	35
2184	PLAC1, a trophoblast-specific gene, is expressed throughout pregnancy in the human placenta and modulated by keratinocyte growth factor. <b>2002</b> , 63, 430-6	42
2183	Quantitative analysis of gene expression by reverse transcription polymerase chain reaction and capillary electrophoresis with laser-induced fluorescence detection. <b>2002</b> , 21, 19-37	37
2182	Microarray technology and its application on nicotine research. <b>2002</b> , 25, 265-85	35

2181	Real-time PCR quantification of nitrifying bacteria in a municipal wastewater treatment plant. <b>2003</b> , 37, 343-51	429
2180	9-cis-retinoic acid during in vitro maturation improves development of the bovine oocyte and increases midkine but not IGF-I expression in cumulus-granulosa cells. <b>2003</b> , 66, 247-55	30
2179	Rapid extraction of RNA and analysis of transcript levels in Chlamydomonas reinhardtii using real-time RT-PCR: Magnesium chelatase chlH, chlD and chlI gene expression. <b>2003</b> , 77, 69-76	14
2178	Playing in the mud-using gene expression to assess contaminant effects on sediment dwelling invertebrates. <b>2003</b> , 12, 453-6	5
2177	Interrogating mouse mammary cancer models: insights from gene expression profiling. <b>2003</b> , 8, 321-34	10
2176	Hepatocyte nuclear factor 1 alpha: a key mediator of the effect of bile acids on gene expression. <b>2003</b> , 37, 622-31	150
2175	Determination of the estrogenic and antiestrogenic effects of environmental contaminants in chicken embryo hepatocyte cultures by quantitative-polymerase chain reaction. <b>2003</b> , 22, 2329-36	5
2174	Monitoring minimal residual disease in leukemia using real-time quantitative polymerase chain reaction for Wilms tumor gene (WT1). <b>2003</b> , 78, 349-56	37
2173	Analysis of codon usage in beta-tubulin sequences of helminths. <b>2003</b> , 90, 294-300	1
2172	Real time RT-PCR quantification and Northern analysis of cerato-ulmin ( CU) gene transcription in different strains of the phytopathogens Ophiostoma ulmi and O. novo-ulmi. <b>2003</b> , 269, 789-96	9
2171	Development of a novel quantitative real-time RT-PCR assay for the simultaneous detection of all serotypes of foot-and-mouth disease virus. <b>2003</b> , 148, 2005-21	90
2170	Differential expression of vascular endothelial growth factor-A isoforms at different stages of melanoma progression. <b>2003</b> , 197, 408-18	58
2169	Validation and clinical implication of a quantitative real-time PCR determination of MDR1 gene expression: comparison with semi-quantitative PCR in 101 patients with acute myeloid leukemia. <b>2003</b> , 70, 296-303	24
2168	Microarrays: the use of oligonucleotides and cDNA for the analysis of gene expression. <b>2003</b> , 8, 134-41	106
2167	Deregulation of gene expression in fetal oocytes exposed to doxorubicin. <b>2003</b> , 65, 1701-7	13
2166	Analysis of A2a receptor-deficient mice reveals no significant compensatory increases in the expression of A2b, A1, and A3 adenosine receptors in lymphoid organs. <b>2003</b> , 65, 2081-90	64
2165	Seasonal changes of responses to gonadotropin-releasing hormone analog in expression of growth hormone/prolactin/somatolactin genes in the pituitary of masu salmon. <b>2003</b> , 130, 55-63	56
2164	Development of real time PCR assays for the quantification of Fas and FasL mRNA levels in lymphocytes: studies on centenarians. <b>2003</b> , 124, 511-6	21

2163	Improvement in the specificity and sensitivity of detection for the Taura syndrome virus and yellow head virus of penaeid shrimp by increasing the amplicon size in SYBR Green real-time RT-PCR. <b>2003</b> , 111, 121-7	36
2162	Molecular diagnostics of viral hemorrhagic fevers. <b>2003</b> , 57, 61-87	119
2161	Immune monitoring in whole blood using real-time PCR. <b>2003</b> , 276, 69-77	53
2160	Accurate and statistically verified quantification of relative mRNA abundances using SYBR Green I and real-time RT-PCR. <b>2003</b> , 283, 291-306	90
2159	Gene expression profiling in islet biology and diabetes research. <b>2003</b> , 19, 32-42	18
2158	Real-time polymerase chain reaction. <b>2003</b> , 4, 1120-8	246
2157	Effect of zinc deficiency on the mRNA expression pattern in liver and jejunum of adult rats: monitoring gene expression using cDNA microarrays combined with real-time RT-PCR. <b>2003</b> , 14, 691-702	53
2156	Quantitation of CYP1A1 and 1B1 mRNA in polycyclic aromatic hydrocarbon-treated human T-47D and HepG2 cells by a modified bDNA assay using fluorescence detection. <b>2003</b> , 312, 162-6	16
2155	Quantitation of gene expression in neural precursors by reverse-transcription polymerase chain reaction using self-quenched, fluorogenic primers. <b>2003</b> , 315, 95-105	55
2154	Amplification efficiency of thermostable DNA polymerases. <b>2003</b> , 321, 226-35	105
2153	Optimizing primer--probe design for fluorescent PCR. <b>2003</b> , 123, 31-45	34
2152	Comparison of two RT-PCR methods for quantifying ampC specific transcripts in Escherichia coli strains. <b>2003</b> , 228, 187-91	14
2151	Interleukin-12 but not interleukin-18 is required for immunity to Trypanosoma cruzi in mice. <b>2003</b> , 5, 833-9	34
2150	The pathophysiological role of cytokines. <b>2003</b> , 5 Suppl 1, S45-57	99
2149	Molecular fingerprinting of TGFbeta-treated embryonic maxillary mesenchymal cells. <b>2003</b> , 6, 194-209	9
2148	Gene expression of cytochrome P450 1B1 and 2D6 in leukocytes in human pregnancy. <b>2003</b> , 92, 295-9	10
2147	Influence of zinc deficiency on the mRNA expression of zinc transporters in adult rats. <b>2003</b> , 17, 97-106	38
2146	Quantification of cytokine gene expression using an economical real-time polymerase chain reaction method based on SYBR Green I. <b>2003</b> , 57, 439-45	46

2145	Arabidopsis gene expression changes during cyst nematode parasitism revealed by statistical analyses of microarray expression profiles. <b>2003</b> , 33, 911-21	163
2144	Moult cycle-related changes in biological activity of moult-inhibiting hormone (MIH) and crustacean hyperglycaemic hormone (CHH) in the crab, <i>Carcinus maenas</i> . From target to transcript. <b>2003</b> , 270, 3280-8	109
2143	Quantitative real time polymerase chain reaction for measurement of human interleukin-5 receptor alpha spliced isoforms mRNA. <b>2003</b> , 3, 17	18
2142	Differences in cytokine synthesis by the sub-populations of dendritic cells from afferent lymph. <b>2003</b> , 110, 48-57	38
2141	SseA acts as the chaperone for the SseB component of the Salmonella Pathogenicity Island 2 translocon. <b>2003</b> , 47, 1341-51	39
2140	Topical mechlorethamine restores autoimmune-arrested follicular activity in mice with an alopecia areata-like disease by targeting infiltrated lymphocytes. <b>2003</b> , 120, 400-6	14
2139	Quantification of dissimilatory (bi)sulphite reductase gene expression in <i>Desulfobacterium autotrophicum</i> using real-time RT-PCR. <b>2003</b> , 5, 660-71	44
2138	Real-time analysis of <i>Polymyxa betae</i> GST expression in infected sugar beet. <b>2003</b> , 4, 171-6	13
2137	Reduced expression of the growth hormone and type 1 insulin-like growth factor receptors in human somatotroph tumours and an analysis of possible mutations of the growth hormone receptor. <b>2003</b> , 59, 328-38	33
2136	Quantitative determination of MDR1 mRNA expression in peripheral blood lymphocytes: a possible role of genetic polymorphisms in the MDR1 gene. <b>2003</b> , 33, 261-7	42
2135	mRNA expression of the five membrane-type matrix metalloproteinases MT1-MT5 in human prostatic cell lines and their down-regulation in human malignant prostatic tissue. <b>2003</b> , 55, 89-98	21
2134	Human mesenchymal stem cells as an in vitro model for human adipogenesis. <b>2003</b> , 11, 65-74	216
2133	Effects of different beta adrenoceptor ligands in mice with permanent occlusion of the left anterior descending coronary artery. <b>2003</b> , 138, 1505-16	10
2132	Murine susceptibility to Chagas' disease maps to chromosomes 5 and 17. <b>2003</b> , 4, 321-5	13
2131	A sensitive, real-time, RNA-specific PCR method for the detection of recombinant AAV-CFTR vector expression. <b>2003</b> , 10, 1744-53	13
2130	Optimization of quantitative real-time RT-PCR parameters for the study of lymphoid malignancies. <b>2003</b> , 17, 789-95	127
2129	Evaluation of candidate control genes for diagnosis and residual disease detection in leukemic patients using 'real-time' quantitative reverse-transcriptase polymerase chain reaction (RQ-PCR) - a Europe against cancer program. <b>2003</b> , 17, 2474-86	717
2128	Identification of NF-kappa B-regulated genes induced by TNFalpha utilizing expression profiling and RNA interference. <b>2003</b> , 22, 2054-64	151

2127	Inducible and constitutive beta-defensins are differentially expressed in Crohn's disease and ulcerative colitis. <b>2003</b> , 9, 215-23	222
2126	Effects of creatine supplementation on housekeeping genes in human skeletal muscle using real-time RT-PCR. <b>2003</b> , 12, 163-74	71
2125	Expression profile of a gamma-deletion variant of the human telomerase reverse transcriptase gene. <b>2003</b> , 5, 193-7	51
2124	Application of real-time reverse transcriptase-polymerase chain reaction in urological oncology. <b>2003</b> , 169, 1858-64	10
2123	Towards quantitative mRNA analysis in paraffin-embedded tissues using real-time reverse transcriptase-polymerase chain reaction: a methodological study on lymph nodes from melanoma patients. <b>2003</b> , 5, 34-41	140
2122	Development of Real-Time RT-PCR Assay for Detection of Prunus necrotic ringspot virus in Fruit Trees. <b>2003</b> , 87, 1344-1348	20
2121	Real-time quantitative RT-PCR to detect fusion gene transcripts associated with AML. <b>2004</b> , 91, 151-73	12
2120	Localization of the ammonium transporters, Rh B glycoprotein and Rh C glycoprotein, in the mouse liver. <b>2003</b> , 124, 1432-40	103
2119	Assessing gene expression variation in normal human tissues using GeneTag, a novel, global, sensitive profiling method. <b>2003</b> , 101, 199-217	9
2118	Sandwich hybridisation assay for quantitative detection of yeast RNAs in crude cell lysates. <b>2003</b> , 2, 4	48
2117	Differentiation of adult-type Leydig cells occurs in gonadotrophin-deficient mice. <b>2003</b> , 1, 4	28
2116	Nonoxidative ethanol metabolites alter extracellular matrix protein content in rat pancreas. <b>2003</b> , 125, 1845-59	40
2115	A PCR primer bank for quantitative gene expression analysis. <b>2003</b> , 31, e154	631
2114	Differential expression of metallothionein 1 and 2 isoforms in breast cancer lines with different invasive potential: identification of a novel nonsilent metallothionein-1H mutant variant. <b>2003</b> , 163, 2009-19	50
2113	Improved detection and quantification of mouse cytomegalovirus by real-time PCR. <b>2003</b> , 98, 17-25	25
2112	Isolation of DNA-free RNA, DNA, and proteins by cesium trifluoroacetate centrifugation. <b>2003</b> , 312, 131-7	7
2111	Molecular amplification assays for the detection of flaviviruses. <b>2003</b> , 61, 67-99	67
2110	Development of reverse transcription (RT)-PCR and real-time RT-PCR assays for rapid detection and quantification of viable yeasts and molds contaminating yogurts and pasteurized food products. <b>2003</b> , 69, 4116-22	125

2109	The bisphosphonate ibandronate stimulates reverse cholesterol transport out of monocytoid cells by enhanced ABCA1 transcription. <b>2003</b> , 307, 23-30	10
2108	Temporal changes in regeneration-associated gene expression in cryopreserved rat vascular grafts. <b>2003</b> , 35, 506-8	1
2107	Application of laser capture microdissection in genetic analysis of neuroblastoma and neuroblastoma precursor cells. <b>2003</b> , 197, 53-61	24
2106	Molecular cloning and differential expression of the cat immediate early gene c-fos. <b>2003</b> , 111, 198-210	9
2105	Real-time quantitative RT-PCR for low-abundance transcripts in the inner ear: analysis of neurotrophic factor expression. <b>2003</b> , 185, 97-108	44
2104	Expression of glutamate transporter, GABRA6, serine proteinase inhibitor 2 and low levels of glutamate and GABA in the brain of knock-out mouse for Canavan disease. <b>2003</b> , 61, 427-35	19
2103	The housekeeping genes GAPDH and cyclophilin are regulated by metabolic state in the liver of dairy cows. <b>2003</b> , 86, 3423-9	24
2102	Molecular monitoring of chronic myeloid leukemia. <b>2003</b> , 40, 62-8	73
2101	The expression of insulin-like growth factor 1 in follicular dermal papillae correlates with therapeutic efficacy of finasteride in androgenetic alopecia. <b>2003</b> , 49, 229-33	51
2100	Macrophage L-type Ca <sup>2+</sup> channel antagonists alter Chlamydia pneumoniae MOMP and HSP-60 mRNA gene expression, and improve antibiotic susceptibility. <b>2003</b> , 207, 237-45	8
2099	To create the correct microenvironment: three-dimensional heterotypic collagen assays for human breast epithelial morphogenesis and neoplasia. <b>2003</b> , 30, 247-55	69
2098	Hippocampal gene expression profiling in spatial discrimination learning. <b>2003</b> , 80, 80-95	51
2097	Differential expression of Dlk-1 in bovine adipose tissue depots. <b>2003</b> , 134, 315-33	25
2096	Molecular cloning and characterization of gilthead sea bream ( <i>Sparus aurata</i> ) growth hormone receptor (GHR). Assessment of alternative splicing. <b>2003</b> , 136, 1-13	58
2095	Genetic variation and activity of mouse Nod2, a susceptibility gene for Crohn's disease. <b>2003</b> , 81, 369-77	42
2094	Multiplex PCR using real time DNA amplification for the rapid detection and quantitation of HTLV I or II. <b>2003</b> , 17, 59-68	15
2093	Biological sample collection and processing for molecular epidemiological studies. <b>2003</b> , 543, 217-34	184
2092	Molecular analysis of cerebrospinal fluid in viral diseases of the central nervous system. <b>2003</b> , 26, 1-28	47

2091	Quantitative real-time PCR: a powerful ally in cancer research. <b>2003</b> , 9, 189-95	146
2090	Growth hormone substitution increases gene expression of members of the IGF family in cortical bone from women with adult onset growth hormone deficiency--relationship with bone turn-over. <b>2003</b> , 33, 638-45	16
2089	Experimental validation of novel and conventional approaches to quantitative real-time PCR data analysis. <b>2003</b> , 31, e73	668
2088	Pediatric Hematology. <b>2003</b> ,	
2087	Improved mRNA quantitation in LightCycler RT-PCR. <b>2003</b> , 130, 82-6	22
2086	Real-time quantitative rt-PCR assays. <b>2004</b> , 238, 231-8	2
2085	Biopolymer Methods in Tissue Engineering. <b>2003</b> ,	5
2084	Murine cytomegalovirus retinitis during MAIDS: Susceptibility correlates with elevated intraocular levels of interleukin-4 mRNA. <b>2003</b> , 26, 211-7	9
2083	Adrenocorticotrophic hormone directly stimulates testosterone production by the fetal and neonatal mouse testis. <b>2003</b> , 144, 3279-84	97
2082	Multiplex real-time PCR method to identify Shiga toxin genes stx1 and stx2 and Escherichia coli O157:H7/H- serotype. <b>2003</b> , 69, 6327-33	85
2081	Quantitative analysis of tyrosine hydroxylase mRNA for sensitive detection of neuroblastoma cells in blood and bone marrow. <b>2003</b> , 49, 104-12	47
2080	Pollination-, development-, and auxin-specific regulation of gibberellin 3beta-hydroxylase gene expression in pea fruit and seeds. <b>2003</b> , 131, 1137-46	96
2079	Differential regulation of rat testicular 5alpha-reductase type 1 and 2 isoforms by testosterone and FSH. <b>2003</b> , 176, 393-403	36
2078	5alpha-reductase isoenzymes 1 and 2 in the rat testis during postnatal development. <b>2003</b> , 68, 1711-8	33
2077	Response to Letter to the Editor. <b>2003</b> , 31, 686-686	
2076	mRNA of placental origin is readily detectable in maternal plasma. <b>2003</b> , 100, 4748-53	327
2075	Long-term regulation of ENaC expression in kidney by angiotensin II. <b>2003</b> , 41, 1143-50	140
2074	Implant surface roughness affects osteoblast gene expression. <b>2003</b> , 82, 372-6	165

2073	Quantitative real-time PCR method for detection of B-lymphocyte monoclonality by comparison of kappa and lambda immunoglobulin light chain expression. <b>2003</b> , 49, 51-9	117
2072	Differential messenger RNA transcription of androgen receptor and estrogen receptor in gonad in relation to the sex change in protandrous black porgy, <i>Acanthopagrus schlegeli</i> . <b>2003</b> , 69, 455-61	24
2071	Quantitation of prolactin receptor mRNA in the maternal rat brain during pregnancy and lactation. <i>Journal of Molecular Endocrinology</i> , <b>2003</b> , 31, 221-32	4-5 77
2070	Real-Time Reverse Transcription Polymerase Chain Reaction Assay for GA733-2 mRNA in the Detection of Metastatic Carcinoma Cells in Serous Effusions. <b>2003</b> , 120, 888-901	9
2069	Quantification of mitochondrial DNA deletion, depletion, and overreplication: application to diagnosis. <b>2003</b> , 49, 1309-17	49
2068	Genetics of Aging in <i>Drosophila</i> . <b>2003</b> , 125-161	
2067	Exploiting the enzymatic recognition of an unnatural base pair to develop a universal genetic analysis system. <b>2003</b> , 49, 407-14	29
2066	Mathematics of quantitative kinetic PCR and the application of standard curves. <b>2003</b> , 31, e93	363
2065	The mitochondrial ornithine transporter. Bacterial expression, reconstitution, functional characterization, and tissue distribution of two human isoforms. <b>2003</b> , 278, 32778-83	103
2064	Conditional inactivation of FGF receptor 2 reveals an essential role for FGF signaling in the regulation of osteoblast function and bone growth. <b>2003</b> , 130, 3063-74	492
2063	Pathological staging and therapy of oesophageal and gastric cancer. <b>2003</b> , 4, 1083-96	4
2062	Serp-1, a viral anti-inflammatory serpin, regulates cellular serine proteinase and serpin responses to vascular injury. <b>2003</b> , 278, 18563-72	43
2061	Gene expression analysis using single molecule detection. <b>2003</b> , 31, e89	42
2060	Maternal milk reduces severity of necrotizing enterocolitis and increases intestinal IL-10 in a neonatal rat model. <b>2003</b> , 53, 426-33	97
2059	Generation and analysis of an artificial gene dosage series in tomato to study the mechanisms by which the cloned quantitative trait locus fw2.2 controls fruit size. <b>2003</b> , 132, 292-9	95
2058	Detection of the mycoparasite <i>Stachybotrys elegans</i> , using primers with sequence- characterized amplification regions in conventional and real-time PCR. <b>2003</b> , 25, 49-61	12
2057	A high-throughput gene expression analysis technique using competitive PCR and matrix-assisted laser desorption ionization time-of-flight MS. <b>2003</b> , 100, 3059-64	157
2056	Human telomerase reverse transcriptase mRNA expression assessed by real-time reverse transcription polymerase chain reaction predicts chemosensitivity in patients with ovarian carcinoma. <b>2003</b> , 21, 1320-5	23

2055	Genomic effects of IFN-beta in multiple sclerosis patients. <b>2003</b> , 171, 2694-702	103
2054	Power analysis for real-time PCR quantification of genes in activated sludge and analysis of the variability introduced by DNA extraction. <b>2003</b> , 69, 6597-604	87
2053	Use of real-time PCR to detect and quantify Mycoplasma haemofelis and "Candidatus Mycoplasma haemominutum" DNA. <b>2003</b> , 41, 439-41	74
2052	Transcriptomics and proteomics of human skin. <b>2003</b> , 1, 326-41	14
2051	Genomic characterization and regulation of CYP3a13: role of xenobiotics and nuclear receptors. <b>2003</b> , 17, 1736-8	26
2050	Development and assessment of a quantitative reverse transcription-PCR assay for simultaneous measurement of four amplicons. <b>2003</b> , 49, 1467-75	53
2049	Kinetic Outlier Detection (KOD) in real-time PCR. <b>2003</b> , 31, e105	80
2048	The concentration of circulating corticotropin-releasing hormone mRNA in maternal plasma is increased in preeclampsia. <b>2003</b> , 49, 727-31	147
2047	Improved indicators for assessing the reliability of detection and quantification by kinetic PCR. <b>2003</b> , 49, 973-6	17
2046	Customized molecular phenotyping by quantitative gene expression and pattern recognition analysis. <b>2003</b> , 13, 1719-27	87
2045	Gestational profile of matrix metalloproteinases in rat uterine artery. <b>2003</b> , 9, 351-8	34
2044	Optineurin gene expression level in human trabecular meshwork does not change in response to pressure elevation. <b>2003</b> , 35, 93-6	14
2043	Absolute quantitation of normal and ROS-induced patterns of gene expression: an in vivo real-time PCR study in mice. <b>2003</b> , 11, 23-34	26
2042	Ultrafine carbon black particles inhibit human lung fibroblast-mediated collagen gel contraction. <b>2003</b> , 28, 111-21	50
2041	Quantification of the level of insulin gene expression. <b>2003</b> , 83, 51-9	
2040	FGF-2 stimulation affects calvarial osteoblast biology: quantitative analysis of nine genes important for cranial suture biology by real-time reverse transcription polymerase chain reaction. <b>2003</b> , 112, 528-39	24
2039	TaqMan minor groove binder real-time PCR analysis of beta-tubulin codon 200 polymorphism in small strongyles (Cyathostomin) indicates that the TAC allele is only moderately selected in benzimidazole-resistant populations. <b>2003</b> , 127, 489-96	24
2038	Reduced folate carrier and dihydrofolate reductase expression in acute lymphocytic leukemia may predict outcome: a Children's Cancer Group Study. <b>2003</b> , 25, 688-95	33

2037	Ileal cytokine dysregulation in experimental necrotizing enterocolitis is reduced by epidermal growth factor. <b>2003</b> , 36, 126-33	54
2036	Melanoma patient staging. <b>2003</b> , 13, 313-324	24
2035	A two-step method for the extraction of high-quality RNA from endoscopic biopsies. <b>2003</b> , 41, 1033-7	31
2034	cDNA array identification of genes regulated in rat renal medulla in response to vasopressin infusion. <b>2003</b> , 284, F218-28	67
2033	Towards fluorescence anisotropy detection for real-time PCR assays.	
2032	Expression of genes controlling transport and catabolism of prostaglandin E2 in lipopolysaccharide fever. <b>2003</b> , 284, R698-706	37
2031	PCR-based calibration curves for studies of quantitative gene expression in human monocytes: development and evaluation. <b>2003</b> , 49, 425-32	44
2030	Effect of cigarette smoke on fibroblast-mediated gel contraction is dependent on cell density. <b>2003</b> , 284, L205-13	24
2029	Hepatic inflammatory mediators contribute to intestinal damage in necrotizing enterocolitis. <b>2003</b> , 284, G695-702	58
2028	Evidence for a positive role of SHIP in the BCR-ABL-mediated transformation of primitive murine hematopoietic cells and in human chronic myeloid leukemia. <b>2003</b> , 102, 2976-84	41
2027	Development of Real-Time PCR for the Rapid Detection of Episomal Banana streak virus (BSV). <b>2003</b> , 87, 33-38	26
2026	Barley yellow dwarf virus and Cereal yellow dwarf virus Quantification by Real-Time Polymerase Chain Reaction in Resistant and Susceptible Plants. <b>2003</b> , 93, 1386-92	57
2025	Transcriptional adaptations of lipid metabolism in tibialis anterior muscle of endurance-trained athletes. <b>2003</b> , 15, 148-57	77
2024	Increased susceptibility to ventricular arrhythmias is associated with changes in Ca <sup>2+</sup> regulatory proteins in paraplegic rats. <b>2003</b> , 285, H2605-13	31
2023	Upregulation of PKC genes and isozymes in cardiovascular tissues during early stages of experimental diabetes. <b>2003</b> , 12, 139-46	63
2022	Exogenous reference RNA for normalization of real-time quantitative PCR. <b>2003</b> , 34, 88-91	62
2021	Gene-specific monitoring of T7-based RNA amplification by real-time quantitative PCR. <b>2003</b> , 35, 502-4, 506-8	8
2020	Vitreous induces components of the prostaglandin E2 pathway in human retinal pigment epithelial cells. <b>2003</b> , 44, 1767-74	13

2019	Localization of pendrin in mouse kidney. <b>2003</b> , 284, F229-41	125
2018	Enhancement of cell viability in cryopreserved rat vascular grafts by administration of regenerating gene (REG) inducers. <b>2003</b> , 40, 132-9	11
2017	Regulation of NHE3, NKCC2, and NCC abundance in kidney during aldosterone escape phenomenon: role of NO. <b>2003</b> , 285, F843-51	46
2016	Comparison of RiboGreen and 18S rRNA quantitation for normalizing real-time RT-PCR expression analysis. <b>2004</b> , 36, 54-6, 58-60	87
2015	Functional genomics approach to hypoxia signaling. <b>2004</b> , 96, 765-73	51
2014	Taste receptor cells express pH-sensitive leak K <sup>+</sup> channels. <b>2004</b> , 92, 2909-19	90
2013	Statistical diagnostics emerging from external quality control of real-time PCR. <b>2004</b> , 19, 141-6	9
2012	Quantitative PCR deconstruction of discrepancies between results reported by different hybridization platforms. <b>2004</b> , 112, 456-60	20
2011	One-step real-time duplex reverse transcription PCRs simultaneously quantify analyte and housekeeping gene mRNAs. <b>2004</b> , 36, 508-16, 518-9	27
2010	The ProbeLibrary <sup>®</sup> Expression profiling 99% of all human genes using only 90 dual-labeled real-time PCR Probes. <b>2004</b> , 37, 492-495	14
2009	Enhanced sensitivity RNA gel loading buffer that enables efficient RNA separation on native gels. <b>2004</b> , 36, 334-6	5
2008	Evaluation of dual-labeled fluorescent DNA probe purity versus performance in real-time PCR. <b>2004</b> , 36, 266-70, 272, 274-5	23
2007	Multiplex real-time PCR detection of fumonisin-producing and trichothecene-producing groups of <i>Fusarium</i> species. <b>2004</b> , 67, 536-43	70
2006	Dual-function stem molecular beacons to assess mRNA expression in AT-rich transcripts of <i>Plasmodium falciparum</i> . <b>2004</b> , 36, 488-92, 494	13
2005	Confidence Interval Estimation for DNA and mRNA Concentration by Real-Time PCR: A New Environment for an Old Theorem. <b>2004</b> , 19, 76-79	4
2004	Expression and relative abundance of short transient receptor potential channels in the rat renal microcirculation. <b>2004</b> , 286, F546-51	72
2003	Greater tolerance of renal medullary cells for a slow increase in osmolality is associated with enhanced expression of HSP70 and other osmoprotective genes. <b>2004</b> , 286, F58-67	33
2002	Diagnosis of feline haemoplasma infection using a real-time PCR assay. <b>2004</b> , 75, 94-9	33

2001	Validation of housekeeping genes for normalizing RNA expression in real-time PCR. <b>2004</b> , 37, 112-4, 116, 118-9	729
2000	Discovery of oxygen-responsive genes in pheochromocytoma cells. <b>2004</b> , 381, 449-64	4
1999	Quantitative real-time polymerase chain reaction measurement of regulators of G-protein signaling mRNA levels in mouse tissues. <b>2004</b> , 389, 3-15	73
1998	Gene expression profiling for molecular staging and prognosis prediction in colorectal cancer. <b>2004</b> , 4, 599-607	33
1997	"Failure to communicate" due to forgetting "marriage vow"?. <b>2004</b> , 169, 1164; author reply 1164-5	
1996	Identification of the human mitochondrial S-adenosylmethionine transporter: bacterial expression, reconstitution, functional characterization and tissue distribution. <b>2004</b> , 379, 183-90	116
1995	Properties of the reverse transcription reaction in mRNA quantification. <b>2004</b> , 50, 509-15	289
1994	Comparison of two real-time quantitative assays for detection of severe acute respiratory syndrome coronavirus. <b>2004</b> , 42, 2094-100	17
1993	Quantification and assessment of viability of <i>Cryptococcus neoformans</i> by LightCycler amplification of capsule gene mRNA. <b>2004</b> , 53, 1201-1206	8
1992	Estrogen-related receptor alpha (ERRalpha) is a transcriptional regulator of apolipoprotein A-IV and controls lipid handling in the intestine. <b>2004</b> , 279, 52052-8	82
1991	Concentration of circulating rhodopsin mRNA in diabetic retinopathy. <b>2004</b> , 50, 2152-5	33
1990	Bone is a target for the antidiabetic compound rosiglitazone. <b>2004</b> , 145, 401-6	382
1989	Sigmoidal curve-fitting redefines quantitative real-time PCR with the prospective of developing automated high-throughput applications. <b>2004</b> , 32, e178	152
1988	Rapid transformation of white adipocytes into fat-oxidizing machines. <b>2004</b> , 101, 2058-63	198
1987	Systematic micro-array based identification of placental mRNA in maternal plasma: towards non-invasive prenatal gene expression profiling. <b>2004</b> , 41, 461-7	101
1986	Increased expression and secretion of interleukin-6 in patients with Barrett's esophagus. <b>2004</b> , 10, 2020-8	80
1985	Cyclic adenosine 5'-monophosphate response element modulator is responsible for the decreased expression of c-fos and activator protein-1 binding in T cells from patients with systemic lupus erythematosus. <b>2004</b> , 173, 3557-63	66
1984	atxA controls <i>Bacillus anthracis</i> capsule synthesis via acpA and a newly discovered regulator, acpB. <b>2004</b> , 186, 307-15	79

1983	Hypobaric biology: Arabidopsis gene expression at low atmospheric pressure. <b>2004</b> , 134, 215-23	79
1982	Telomere maintenance in childhood primitive neuroectodermal brain tumors. <b>2004</b> , 6, 1-8	22
1981	Members of the merozoite surface protein 7 family with similar expression patterns differ in ability to protect against Plasmodium yoelii malaria. <b>2004</b> , 72, 1010-8	20
1980	Hypermethylation and silencing of the putative tumor suppressor Tazarotene-induced gene 1 in human cancers. <b>2004</b> , 64, 2411-7	77
1979	The CesA gene family of barley. Quantitative analysis of transcripts reveals two groups of co-expressed genes. <b>2004</b> , 134, 224-36	248
1978	TC-1 is a novel tumorigenic and natively disordered protein associated with thyroid cancer. <b>2004</b> , 64, 2766-73	59
1977	ALS: persistent scientists do not find persisting enteroviruses. <b>2004</b> , 62, 1250-1	8
1976	Direct correlation between rates of anaerobic respiration and levels of mRNA for key respiratory genes in Geobacter sulfurreducens. <b>2004</b> , 70, 5183-9	63
1975	NOD2 (CARD15) mutations in Crohn's disease are associated with diminished mucosal alpha-defensin expression. <b>2004</b> , 53, 1658-64	602
1974	Growth-regulated expression and G0-specific turnover of the mRNA that encodes URH49, a mammalian DEXH/D box protein that is highly related to the mRNA export protein UAP56. <b>2004</b> , 32, 1857-65	54
1973	Multiplex mRNA assay using electrophoretic tags for high-throughput gene expression analysis. <b>2004</b> , 32, e126	17
1972	Increased expression and activation of CD30 induce apoptosis in human blood eosinophils. <b>2004</b> , 173, 2174-83	29
1971	Application of toxicogenomics to toxicology: basic concepts in the analysis of microarray data. <b>2004</b> , 32 Suppl 1, 72-83	73
1970	Ischemia-induced changes of AMPA-type glutamate receptor subunit expression pattern in the rat retina: a real-time quantitative PCR study. <b>2004</b> , 45, 330-41	45
1969	Granulin-epithelin precursor overexpression promotes growth and invasion of hepatocellular carcinoma. <b>2004</b> , 10, 7629-36	104
1968	Enhanced in vitro proliferation of aortic endothelial cells from plasminogen activator inhibitor-1-deficient mice. <b>2004</b> , 279, 6143-51	41
1967	AtSGP1, AtSGP2 and MAP4K alpha are nucleolar plant proteins that can complement fission yeast mutants lacking a functional SIN pathway. <b>2004</b> , 117, 4265-75	14
1966	Gene expression of angiogenic factors correlates with metastatic potential of prostate cancer cells. <b>2004</b> , 64, 5311-21	132

1965	Inter-laboratory quality control for hormone-dependent gene expression in human breast tumors using real-time reverse transcription-polymerase chain reaction. <b>2004</b> , 11, 489-95	35
1964	Role of interleukin-4 (IL-4) and IL-10 in serum immunoglobulin G antibody responses following mucosal or systemic reovirus infection. <b>2004</b> , 78, 3352-60	29
1963	Differential stress-induced regulation of two quinone reductases in the brown rot basidiomycete <i>Gloeophyllum trabeum</i> . <b>2004</b> , 70, 324-31	49
1962	NK cells contribute to the control of <i>Trypanosoma cruzi</i> infection by killing free parasites by perforin-independent mechanisms. <b>2004</b> , 72, 6817-25	52
1961	Expression of trophoblast cell-specific pregnancy-related genes in somatic cell-cloned bovine pregnancies. <b>2004</b> , 70, 1114-20	20
1960	The study of transgene copy number and organization. <b>2005</b> , 286, 273-90	4
1959	Detection of germ-cell-tumor-specific gene products in peripheral blood by immunomagnetic tumor cell enrichment followed by RT-PCR. <b>2004</b> , 13, 685-90	0
1958	Rapid quantification of <i>Yersinia enterocolitica</i> in pork samples by a novel sample preparation method, flotation, prior to real-time PCR. <b>2004</b> , 42, 1042-7	71
1957	Quantification of colorectal cancer micrometastases in lymph nodes by nested and real-time reverse transcriptase-PCR analysis for carcinoembryonic antigen. <b>2004</b> , 10, 5777-84	30
1956	Development and characterization of an in vivo central venous catheter <i>Candida albicans</i> biofilm model. <b>2004</b> , 72, 6023-31	301
1955	A molecular defect in intracellular lipid signaling in human neutrophils in localized aggressive periodontal tissue damage. <b>2004</b> , 172, 1856-61	90
1954	Identification of the mitochondrial ATP-Mg/Pi transporter. Bacterial expression, reconstitution, functional characterization, and tissue distribution. <b>2004</b> , 279, 30722-30	149
1953	Effects of positive and negative lens treatment on retinal and choroidal glucagon and glucagon receptor mRNA levels in the chicken. <b>2004</b> , 45, 402-9	43
1952	Detection and quantification of gene expression in environmental bacteriology. <b>2004</b> , 70, 3795-806	75
1951	High-throughput analysis of mRNA expression: microarrays are not the whole story. <b>2004</b> , 14, 377-403	4
1950	Regulation of Sertoli cell number and activity by follicle-stimulating hormone and androgen during postnatal development in the mouse. <b>2004</b> , 145, 318-29	153
1949	Structure and expression profile of the sucrose synthase multigene family in <i>Arabidopsis</i> . <b>2004</b> , 55, 397-409	198
1948	Development of quantitative reverse transcriptase PCR assays for measuring gene expression. <b>2005</b> , 291, 423-45	4

1947	Caloric restriction reverses the deficits in leptin receptor protein and leptin signaling capacity associated with diet-induced obesity: role of leptin in the regulation of hypothalamic long-form leptin receptor expression. <b>2004</b> , 181, 297-306	80
1946	Endotoxin responsiveness of human airway epithelia is limited by low expression of MD-2. <b>2004</b> , 287, L428-37	122
1945	Temporal expression profiles of organic anion transport proteins in placenta and fetal liver of the rat. <b>2004</b> , 287, R1505-16	51
1944	Emerging genetic technologies in clinical and research settings. <b>2004</b> , 5, 159-67	9
1943	Gene expression relevant to osteoclastogenesis in the synovium and bone marrow of mature rats with collagen-induced arthritis. <b>2004</b> , 43, 1496-503	15
1942	Cigarette smoke stimulates MMP-1 production by human lung fibroblasts through the ERK1/2 pathway. <b>2004</b> , 1, 13-23	28
1941	In vivo evidence in the brain for lithium inhibition of glycogen synthase kinase-3. <b>2004</b> , 29, 32-8	183
1940	Vasoactive intestinal peptide modulates proinflammatory mediator synthesis in osteoarthritic and rheumatoid synovial cells. <b>2004</b> , 43, 416-22	55
1939	Differentiation of human monocytic cell lines confers susceptibility to Bacillus anthracis lethal toxin. <b>2005</b> , 7, 281-92	58
1938	Real-time PCR in the microbiology laboratory. <b>2004</b> , 10, 190-212	467
1937	Developmental expression and biochemical properties of a beta-1,4-endoglucanase family in the soybean cyst nematode, <i>Heterodera glycines</i> . <b>2004</b> , 5, 93-104	47
1936	Increased soluble guanylate cyclase activity in the red blood cells of sickle cell patients. <b>2004</b> , 124, 547-54	38
1935	Reduction of excitotoxicity and associated leukocyte recruitment by a broad-spectrum matrix metalloproteinase inhibitor. <b>2004</b> , 89, 1378-86	27
1934	Quantitative RT-PCR for the enumeration of noroviruses (Norwalk-like viruses) in water and sewage. <b>2004</b> , 39, 127-36	82
1933	Retrospective comparison of qualitative and quantitative reverse transcriptase polymerase chain reaction in diagnosing and monitoring the ALL1-AF4 fusion transcript in patients with acute lymphoblastic leukaemia. <b>2004</b> , 18, 1824-30	5
1932	Gene expression profiling of minimal residual disease in acute myeloid leukaemia by novel multiplex-PCR-based method. <b>2004</b> , 18, 1981-8	29
1931	Real-time RT-PCR correlates with immunocytochemistry for the detection of disseminated epithelial cells in bone marrow aspirates of patients with breast cancer. <b>2004</b> , 91, 1813-20	44
1930	Chronic lithium treatment of B lymphoblasts from bipolar disorder patients reduces transient receptor potential channel 3 levels. <b>2004</b> , 4, 365-73	32

1929	Quantitative rt-PCR analysis of uncoupling protein isoforms in mouse brain cortex: methodological optimization and comparison of expression with brown adipose tissue and skeletal muscle. <b>2004</b> , 24, 780-8	53
1928	Functional up-regulation of KCNA gene family expression in murine mesenteric resistance artery smooth muscle. <b>2004</b> , 556, 29-42	33
1927	Determination of murine fetal Cyp1a1 and 1b1 expression by real-time fluorescence reverse transcription-polymerase chain reaction. <b>2004</b> , 201, 295-302	25
1926	Evaluation of a real-time polymerase chain reaction method for the quantification of CYP1B1 gene expression in MCF-7 human breast carcinoma cells. <b>2004</b> , 49, 97-104	12
1925	Using real time RT-PCR analysis to determine multiple gene expression patterns during XX and XY mouse fetal gonad development. <b>2004</b> , 5, 141-9	59
1924	Quantitative analysis of gender-regulated transcripts in the filarial nematode <i>Brugia malayi</i> by real-time RT-PCR. <b>2004</b> , 137, 329-37	41
1923	Compensated overexpression of procollagens alpha 1(I) and alpha 1(III) following perilla mint ketone-induced acute pulmonary damage in horses. <b>2004</b> , 131, 186-98	7
1922	Real-time RT-PCR: considerations for efficient and sensitive assay design. <b>2004</b> , 286, 203-17	114
1921	Age-related changes in cardiac adenosine receptor expression. <b>2004</b> , 125, 211-7	14
1920	A quantitative real-time RT-PCR assay for salmon IGF-I mRNA, and its application in the study of GH regulation of IGF-I gene expression in primary culture of salmon hepatocytes. <b>2004</b> , 135, 401-11	82
1919	Temporal profile of beta follicle-stimulating hormone, beta luteinizing hormone, and growth hormone gene expression in the protandrous hermaphrodite, gilthead seabream, <i>Sparus aurata</i> . <b>2004</b> , 137, 288-99	35
1918	Expression of messenger RNA coding for 5-HT receptor, alpha and beta adrenoreceptor (subtypes) during oestrus and dioestrus in the bovine uterus. <b>2004</b> , 51, 385-93	15
1917	Molecular characterisation and developmental expression of a cellulose-binding protein gene in the soybean cyst nematode <i>Heterodera glycines</i> . <b>2004</b> , 34, 1377-83	35
1916	Expression of alpha-hemoglobin stabilizing protein gene during human erythropoiesis. <b>2004</b> , 32, 157-62	37
1915	Structure of primate and rodent orthologs of the prostate cancer susceptibility gene ELAC2. <b>2004</b> , 1679, 230-47	10
1914	Differential effects of ischemia/reperfusion on amacrine cell subtype-specific transcript levels in the rat retina. <b>2004</b> , 1026, 194-204	39
1913	The antioxidant and antifibrogenic effects of the glycosaminoglycans hyaluronic acid and chondroitin-4-sulphate in a subchronic rat model of carbon tetrachloride-induced liver fibrogenesis. <b>2004</b> , 148, 125-38	46
1912	Hypoxia/ischemia and the regulation of neuroglobin and cytoglobin expression. <b>2004</b> , 56, 681-7	58

1911	The cAMP transduction cascade mediates olfactory reception in <i>Drosophila melanogaster</i> . <b>2004</b> , 34, 395-406	42
1910	EGFR and EGFRvIII expression in primary breast cancer and cell lines. <b>2004</b> , 87, 87-95	52
1909	Quantitative analysis of interleukin-6 expression in porcine spleen cells and alveolar macrophages using real-time PCR. <b>2004</b> , 28, 503-13	4
1908	Differential expression of oxidative phosphorylation genes in patients with Alzheimer's disease: implications for early mitochondrial dysfunction and oxidative damage. <b>2004</b> , 5, 147-62	282
1907	Establishment of a real-time PCR-based approach for accurate quantification of bacterial RNA targets in water, using <i>Salmonella</i> as a model organism. <b>2004</b> , 70, 3618-23	172
1906	Quantitative analysis throughout pregnancy of placentomal and interplacentomal expression of pregnancy-associated glycoproteins-1 and -9 in the cow. <b>2004</b> , 67, 257-63	26
1905	Temporospatial expression of placental lactogen and prolactin-related protein-1 genes in the bovine placenta and uterus during pregnancy. <b>2004</b> , 69, 146-52	27
1904	Real-time PCR: what relevance to plant studies?. <b>2004</b> , 55, 1445-54	321
1903	Real-time quantitative PCR measurement of circulatory rhodopsin mRNA in healthy subjects and patients with diabetic retinopathy. <b>2004</b> , 1022, 152-6	9
1902	Real-time RT-PCR for gene expression profiling in blood of heart failure patients-a pilot study: gene expression in blood of heart failure patients. <b>2004</b> , 99, 230-8	25
1901	Quantitative detection of interleukin 8 gene expression in lung cancer by real-time polymerase chain reaction. <b>2004</b> , 1, 126-130	1
1900	Comparison of reference genes for quantitative real-time polymerase chain reaction analysis of gene expression in sugarcane. <b>2004</b> , 22, 325-337	212
1899	Gene expression analysis by real-time reverse transcription polymerase chain reaction: influence of tissue handling. <b>2004</b> , 328, 101-8	74
1898	Approach for defining endogenous reference genes in gene expression experiments. <b>2004</b> , 329, 293-9	82
1897	Equivalence test in quantitative reverse transcription polymerase chain reaction: confirmation of reference genes suitable for normalization. <b>2004</b> , 335, 1-9	114
1896	Real-time quantitative PCR: a new technology to detect and study phytopathogenic and antagonistic fungi. <b>2004</b> , 110, 893-908	241
1895	Organization of the MASP2 locus and its expression profile in mouse and rat. <b>2004</b> , 15, 887-900	16
1894	Cloning, pharmacological characterisation and tissue distribution of a novel 5-HT4 receptor splice variant, 5-HT4(i). <b>2004</b> , 369, 616-28	73

1893	Functional serotonin 5-HT <sub>4</sub> receptors in porcine and human ventricular myocardium with increased 5-HT <sub>4</sub> mRNA in heart failure. <b>2004</b> , 370, 157-66	50
1892	Gene expression in the pathophysiology of type 2 diabetes mellitus. <b>2004</b> , 4, 176-81	14
1891	Quantitative real-time PCR technique for rapid prenatal diagnosis of Down syndrome. <b>2004</b> , 24, 704-7	21
1890	Serum adiponectin as a biomarker for in vivo PPARgamma activation and PPARgamma agonist-induced efficacy on insulin sensitization/lipid lowering in rats. <b>2004</b> , 4, 23	51
1889	Tumour-infiltrating lymphocytes in colorectal cancer with microsatellite instability are activated and cytotoxic. <b>2004</b> , 91, 469-75	158
1888	Developmental gene expression profiling of mammalian, fetal orofacial tissue. <b>2004</b> , 70, 912-26	29
1887	Semiquantitative determination of Alicyclobacillus acidoterrestris in orange juice by reverse-transcriptase polymerase chain reaction and capillary electrophoresis--laser induced fluorescence using microchip technology. <b>2004</b> , 25, 3860-4	22
1886	Quantification of cytokeratin 20, carcinoembryonic antigen and guanylyl cyclase C mRNA levels in lymph nodes may not predict treatment failure in colorectal cancer patients. <b>2004</b> , 108, 412-7	44
1885	Expression, regulation and function of autotaxin in thyroid carcinomas. <b>2004</b> , 109, 833-8	96
1884	Molecular classification of oral cancer by cDNA microarrays identifies overexpressed genes correlated with nodal metastasis. <b>2004</b> , 110, 857-68	54
1883	Quantification of inflammatory cellular responses using real-time polymerase chain reaction. <b>2004</b> , 69, 305-13	19
1882	Comparative evaluation of measles virus specific TaqMan PCR and conventional PCR using synthetic and natural RNA templates. <b>2004</b> , 73, 79-84	24
1881	Assessment of CMV load in solid organ transplant recipients by pp65 antigenemia and real-time quantitative DNA PCR assay: correlation with pp67 RNA detection. <b>2004</b> , 74, 78-84	40
1880	Sensitive and specific detection of strains of Japanese encephalitis virus using a one-step TaqMan RT-PCR technique. <b>2004</b> , 74, 589-96	34
1879	The use of real-time PCR analysis in a gene expression study of Alzheimer's disease post-mortem brains. <b>2004</b> , 132, 101-7	95
1878	Reference genes identified in SH-SY5Y cells using custom-made gene arrays with validation by quantitative polymerase chain reaction. <b>2004</b> , 335, 30-41	66
1877	Expression of iNOS gene in macrophages stimulated with 17beta-estradiol is regulated by free intracellular Ca <sup>2+</sup> . <b>2004</b> , 82, 381-90	13
1876	Detection and Quantification of Fusarium solani f. sp. glycines in Soybean Roots with Real-Time Quantitative Polymerase Chain Reaction. <b>2004</b> , 88, 1372-1380	79

1875	Real-time RT-PCR analysis of housekeeping genes in human skeletal muscle following acute exercise. <b>2004</b> , 18, 226-31	168
1874	Real-time polymerase chain reaction is a sensitive and precise method for quantifying transcription from reporter plasmids. <b>2004</b> , 64, 723-8	5
1873	Molecular Toxicology Protocols. <b>2004</b> ,	0
1872	Diagnosis of feline haemoplasma infection in Australian cats using a real-time PCR assay. <b>2004</b> , 6, 345-54	48
1871	Peptide-derivatized shell-cross-linked nanoparticles. 2. Biocompatibility evaluation. <b>2004</b> , 15, 710-7	59
1870	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
1869	Quantitative expression analysis of blastocyst-derived gene transcripts in preimplantation developmental stages of in vitro-produced bovine embryos using real-time polymerase chain reaction technology. <b>2004</b> , 16, 753-62	16
1868	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <b>2004</b> ,	
1867	Cytoglobin expression is upregulated in all tissues upon hypoxia: an in vitro and in vivo study by quantitative real-time PCR*1. <b>2004</b> ,	2
1866	Quantification of melanoma mRNA markers in sentinel nodes: pre-clinical evaluation of a single-step real-time reverse transcriptase-polymerase chain reaction assay. <b>2004</b> , 6, 253-9	10
1865	Micrometastases et cancers bronchiques non �petites cellules. <b>2004</b> , 21, 105-116	1
1864	Differential expression of bile salt and organic anion transporters in developing rat liver. <b>2004</b> ,	
1863	The effects of aspirin on gastric mucosal integrity, surface hydrophobicity, and prostaglandin metabolism in cyclooxygenase knockout mice. <b>2004</b> , 127, 94-104	74
1862	Age and diet act through distinct isoforms of the class II transactivator gene in mouse intestinal epithelium. <b>2004</b> , 127, 203-12	14
1861	Expression profiling identifies chemokine (C-C motif) ligand 18 as an independent prognostic indicator in gastric cancer. <b>2004</b> , 127, 457-69	81
1860	Serotonin transporter promoter and intron 2 polymorphisms: relationship between allelic variants and gene expression. <b>2004</b> , 55, 1090-4	198
1859	Abnormalities in the dopamine system in schizophrenia may lie in altered levels of dopamine receptor-interacting proteins. <b>2004</b> , 56, 427-40	68
1858	Functional effects of a tandem duplication polymorphism in the 5'flanking region of the DRD4 gene. <b>2004</b> , 56, 691-7	87

1857	Real-time quantitative PCR of microdissected paraffin-embedded breast carcinoma: an alternative method for HER-2/neu analysis. <b>2004</b> , 6, 42-51	80
1856	Housekeeping genes as internal standards in cancer research. <b>2004</b> , 8, 107-13	58
1855	Quantitative expression analysis of GH3, a gene induced by plant growth regulator herbicides in soybean. <b>2004</b> , 52, 474-8	16
1854	Analysis of Maxi-K alpha subunit splice variants in human myometrium. <b>2004</b> , 2, 67	13
1853	Methods to find out the expression of activated genes. <b>2004</b> , 2, 68	5
1852	In silico and wet-bench identification of nuclear matrix attachment regions. <b>2005</b> , 108, 439-58	9
1851	Hypertension. <b>2004</b> ,	
1850	Toxicological, cellular and gene expression responses in earthworms exposed to copper and cadmium. <b>2004</b> , 138, 11-21	32
1849	DNA polymerase beta mRNA and protein expression in Xiphophorus fish. <b>2004</b> , 138, 325-34	3
1848	Estradiol down-regulates CD36 expression in human breast cancer cells. <b>2004</b> , 207, 101-7	36
1847	Cytoglobin expression is upregulated in all tissues upon hypoxia: an in vitro and in vivo study by quantitative real-time PCR. <b>2004</b> , 319, 342-8	99
1846	Potentiated caspase-3 in Ras-transformed 10T1/2 cells. <b>2004</b> , 322, 557-64	9
1845	Augmented heme oxygenase-1 induces prostaglandin uptake via the prostaglandin transporter in micro-vascular endothelial cells. <b>2004</b> , 323, 1299-305	6
1844	Correlating function and gene expression of individual basal ganglia neurons. <b>2004</b> , 27, 475-81	34
1843	Effects of the pesticides prochloraz and methiocarb on human estrogen receptor alpha and beta mRNA levels analyzed by on-line RT-PCR. <b>2004</b> , 18, 427-33	31
1842	Structure and expression of the barley stem rust resistance gene Rpg1 messenger RNA. <b>2004</b> , 64, 91-101	20
1841	Protein kinase G type II is required for night-to-day progression of the mammalian circadian clock. <b>2004</b> , 43, 539-49	52
1840	Expression of axon guidance molecules and their related genes during development and sexual differentiation of the olfactory bulb in rats. <b>2004</b> , 123, 951-65	16

1839	Developmental regulation of homeobox gene expression in dorsal root ganglion neurons is not recapitulated during regeneration of the crushed sciatic nerve. <b>2004</b> , 125, 645-50	12
1838	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <b>2004</b> , 126, 763-73	48
1837	Quantification of MDR-1 gene expression in canine tissues by real-time reverse transcription quantitative polymerase chain reaction. <b>2004</b> , 77, 223-9	22
1836	Single-channel quantitative multiplex reverse transcriptase-polymerase chain reaction for large numbers of gene products differentiates nondemented from neuropathological Alzheimer's disease. <b>2004</b> , 164, 795-806	4
1835	Real-time turbidimetry of LAMP reaction for quantifying template DNA. <b>2004</b> , 59, 145-57	417
1834	Inhibition of ileal bile acid transport lowers plasma cholesterol levels by inactivating hepatic farnesoid X receptor and stimulating cholesterol 7 alpha-hydroxylase. <b>2004</b> , 53, 927-32	47
1833	Use of a Taqman PCR to determine the response of Mycoplasma haemofelis infection to antibiotic treatment. <b>2004</b> , 56, 63-71	32
1832	Development of a real-time PCR method for quantification of the three genera Dehalobacter, Dehalococcoides, and Desulfitobacterium in microbial communities. <b>2004</b> , 57, 369-78	139
1831	Application of a customized pathway-focused microarray for gene expression profiling of cellular homeostasis upon exposure to nicotine in PC12 cells. <b>2004</b> , 121, 102-13	30
1830	Laser capture microdissection and analysis of amplified antisense RNA from distinct cell populations of the young and aged rat brain: effect of traumatic brain injury on hippocampal gene expression. <b>2004</b> , 122, 47-61	39
1829	In vitro and in vivo effects of an alpha3 neuronal nicotinic acetylcholine receptor antisense oligonucleotide. <b>2004</b> , 129, 67-79	7
1828	Nicotine coregulates multiple pathways involved in protein modification/degradation in rat brain. <b>2004</b> , 132, 181-91	55
1827	Differential gene expression in mummichogs (Fundulus heteroclitus) following treatment with pyrene: comparison to a creosote contaminated site. <b>2004</b> , 57, 377-95	49
1826	Inhibition of real-time RT-PCR quantification due to tissue-specific contaminants. <b>2004</b> , 18, 45-50	96
1825	Differential expression of bile salt and organic anion transporters in developing rat liver. <b>2004</b> , 41, 201-8	56
1824	Evaluation of a panel of non-invasive serum markers to differentiate mild from moderate-to-advanced liver fibrosis in chronic hepatitis C patients. <b>2004</b> , 41, 935-42	263
1823	Gene expression patterns in in vitro-produced and somatic nuclear transfer-derived preimplantation bovine embryos: relationship to the large offspring syndrome?. <b>2004</b> , 82-83, 593-603	94
1822	Normalization of real-time quantitative reverse transcription-PCR data: a model-based variance estimation approach to identify genes suited for normalization, applied to bladder and colon cancer data sets. <b>2004</b> , 64, 5245-50	4870

1821	Conditioned taste aversion with lipopolysaccharide and peptidoglycan does not activate cytokine gene expression in the spleen and hypothalamus of mice. <b>2004</b> , 18, 186-200	27
1820	Real-time Fluorescent PCR Techniques to Study Microbial Host Interactions. <b>2004</b> , 34, 255-330	3
1819	The presence of endometrial cells in the peritoneal cavity enhances monocyte recruitment and induces inflammatory cytokines in mice: implications for endometriosis. <b>2004</b> , 82 Suppl 3, 999-1007	45
1818	Direct quantification of mRNA expression levels using single molecule detection. <b>2004</b> , 107, 107-14	29
1817	A multiplex microsphere bead assay for comparative RNA expression analysis using flow cytometry. <b>2004</b> , 108, 193-205	22
1816	Peptidylpropyl isomerase B (PPIB): a suitable reference gene for mRNA quantification in peripheral whole blood. <b>2004</b> , 114, 121-4	65
1815	Gene expression in humans with diabetes and prediabetes: what have we learned about diabetes pathophysiology?. <b>2004</b> , 7, 383-90	32
1814	Delayed neutrophil apoptosis in sepsis is associated with maintenance of mitochondrial transmembrane potential and reduced caspase-9 activity. <b>2004</b> , 32, 1460-9	166
1813	The influence of immunohistochemistry on mRNA recovery from microdissected frozen and formalin-fixed, paraffin-embedded sections. <b>2004</b> , 13, 224-33	26
1812	Real-Time PCR and its Applications in Human Papillomavirus Quantitation and Physical Status Identification. <b>2004</b> , 18, 153-160	3
1811	How are genes measured? Examples from studies on iron metabolism in pregnancy. <b>2004</b> , 63, 481-90	1
1810	Differential gene expression of human stem progenitor cells derived from early stages of in utero human hematopoiesis. <b>2004</b> , 103, 2530-40	24
1809	Remodeling of excitation-contraction coupling in transgenic mice expressing ATP-insensitive sarcolemmal KATP channels. <b>2004</b> , 286, H1361-9	32
1808	Tissue-specific transcriptome responses in rats with early streptozotocin-induced diabetes. <b>2005</b> , 21, 222-9	53
1807	Assessment of HER-2 status in pancreatic adenocarcinoma: correlation of immunohistochemistry, quantitative real-time RT-PCR, and FISH with aneuploidy and survival. <b>2005</b> , 29, 1125-34	48
1806	FGF-2 acts through an ERK1/2 intracellular pathway to affect osteoblast differentiation. <b>2005</b> , 115, 838-52	16
1805	Differential effect of calcineurin inhibitors, anti-CD25 antibodies and rapamycin on the induction of FOXP3 in human T cells. <b>2005</b> , 80, 110-7	184
1804	Expression of Eph receptors and their ligands, ephrins, during lipopolysaccharide fever in rats. <b>2005</b> , 21, 152-60	38

1803	Molecular diagnosis of cutaneous diseases. <b>2005</b> , 141, 225-41	18
1802	Real-time reverse transcription PCR (qRT-PCR) and its potential use in clinical diagnosis. <b>2005</b> , 109, 365-79	315
1801	Real-Time and Quantitative PCR. <b>2005</b> , 147-163	
1800	Performance Assessment and Demonstration of Bioremediation and Natural Attenuation. <b>2005</b> , 457-525	
1799	Identification of Transcripts Involved in Resistance Responses to Leaf Spot Disease Caused by <i>Cercosporidium personatum</i> in Peanut ( <i>Arachis hypogaea</i> ). <b>2005</b> , 95, 381-7	58
1798	Anthocyanin accumulation and changes in CHS and PR-5 gene expression in <i>Arabidopsis thaliana</i> after removal of the inflorescence stem (decapitation). <b>2005</b> , 43, 521-5	16
1797	Directed evolution of copy number of a broad host range plasmid for metabolic engineering. <b>2005</b> , 7, 10-7	39
1796	The effect of benzo(a)pyrene on porcine urinary bladder epithelial cells analyzed for the expression of selected genes and cellular toxicological endpoints. <b>2005</b> , 207, 255-69	28
1795	Effect of mechanical loading on mRNA levels of common endogenous controls in articular chondrocytes and intervertebral disk. <b>2005</b> , 341, 372-5	44
1794	Reagent volume and plate bias in real-time polymerase chain reaction. <b>2005</b> , 337, 347-50	12
1793	Determining suitable internal standards for mRNA quantification of increasing cancer progression in human breast cells by real-time reverse transcriptase polymerase chain reaction. <b>2005</b> , 342, 69-77	51
1792	Differentiation between amplicon polymerization and nonspecific products in SYBR green I real-time polymerase chain reaction. <b>2005</b> , 342, 167-9	8
1791	Quantitative high-throughput measurement of gene expression with sub-zeptomole sensitivity by capillary electrophoresis. <b>2005</b> , 345, 284-95	1
1790	mRNA and 18S-RNA coapplication-reverse transcription for quantitative gene expression analysis. <b>2005</b> , 345, 102-9	111
1789	Mapping of picoeucaryotes in marine ecosystems with quantitative PCR of the 18S rRNA gene. <b>2005</b> , 52, 79-92	404
1788	<i>Arabidopsis</i> gene expression patterns are altered during spaceflight. <b>2005</b> , 36, 1175-1181	62
1787	Effect of human platelet supernatant on proliferation and matrix synthesis of human articular chondrocytes in monolayer and three-dimensional alginate cultures. <b>2005</b> , 26, 1953-60	95
1786	The quantification of cellular viability and inflammatory response to stainless steel alloys. <b>2005</b> , 26, 5296-302	43

1785	Measurement of PTHrP, PTHR1, and CaSR expression levels in tissues of sea bream ( <i>Sparus aurata</i> ) using quantitative PCR. <b>2005</b> , 1040, 340-4	14
1784	Basic principles of real-time quantitative PCR. <b>2005</b> , 5, 209-19	326
1783	A detailed understanding of the enhanced hypothermic productivity of interferon-gamma by Chinese-hamster ovary cells. <b>2005</b> , 41, 255-64	54
1782	Optimization of real time RT-PCR methods for the analysis of gene expression in mouse eggs and preimplantation embryos. <b>2005</b> , 71, 284-9	84
1781	Stress signaling: coregulation of hemoglobin and male sex determination through a terpenoid signaling pathway in a crustacean. <b>2005</b> , 208, 15-23	59
1780	Transcriptional profiling of human hematopoiesis during in vitro lineage-specific differentiation. <b>2005</b> , 23, 1154-69	47
1779	Monitoring differentiation of human embryonic stem cells using real-time PCR. <b>2005</b> , 23, 1460-7	62
1778	Real-time quantitative PCR analysis of temporal-spatial alterations in gene expression after spinal cord contusion. <b>2005</b> , 93, 943-52	25
1777	Real-time PCR detection of <i>Biscogniauxia mediterranea</i> in symptomless oak tissue. <b>2005</b> , 41, 61-8	36
1776	RESPONSE OF GLUTAMINE SYNTHETASE GENE TRANSCRIPTION AND ENZYME ACTIVITY TO EXTERNAL NITROGEN SOURCES IN THE DIATOM SKELETONEMA COSTATUM (BACILLARIOPHYCEAE)1. <b>2005</b> , 41, 84-94	39
1775	Transcriptome analysis and kidney research: toward systems biology. <b>2005</b> , 67, 2114-22	21
1774	Skeletal muscle mRNA for IGF-IEa, IGF-II, and IGF-I receptor is decreased in sedentary chronic hemodialysis patients. <b>2005</b> , 68, 352-61	41
1773	Differential display analysis of <i>Porphyromonas gingivalis</i> gene activation response to heat and oxidative stress. <b>2005</b> , 20, 233-8	8
1772	Identification, accumulation, and functional prediction of novel tomato transcripts systemically upregulated after fire damage. <b>2005</b> , 124, 311-322	18
1771	A Real-Time Quantitative PCR Assay for the Detection of <i>Sphaeropsis sapinea</i> from Inoculated <i>Pinus nigra</i> Shoots. <b>2005</b> , 153, 37-42	22
1770	Significant overexpression of urokinase-type plasminogen activator in pancreatic adenocarcinoma using real-time quantitative reverse transcription polymerase chain reaction. <b>2005</b> , 20, 256-63	27
1769	Male and female prolactin receptor mRNA expression in the brain of a biparental and a uniparental hamster, <i>phodopus</i> , before and after the birth of a litter. <b>2005</b> , 17, 81-90	14
1768	Cytochromes P450 and MDR1 mRNA expression along the human gastrointestinal tract. <b>2005</b> , 60, 54-60	162

1767	Methionine and threonine synthesis are limited by homoserine availability and not the activity of homoserine kinase in <i>Arabidopsis thaliana</i> . <b>2005</b> , 41, 685-96	57
1766	The dynamics of gene expression of interleukin-19 and interleukin-20 and their receptors in psoriasis. <b>2005</b> , 153, 911-8	94
1765	Routine expression profiling of microarray gene signatures in acute leukaemia by real-time PCR of human bone marrow. <b>2005</b> , 130, 233-48	30
1764	Androgen receptor gene expression in leucocytes is hormonally regulated: implications for gender differences in disease pathogenesis. <b>2005</b> , 62, 56-63	44
1763	Effect of dietary carbohydrate source on the development of obesity in agouti transgenic mice. <b>2005</b> , 13, 21-35	9
1762	SC35 promotes sustainable stress-induced alternative splicing of neuronal acetylcholinesterase mRNA. <b>2005</b> , 10, 985-97	74
1761	cDNA array analysis of cytokines, chemokines, and receptors involved in the development of TNBS-induced colitis: homeostatic role of VIP. <b>2005</b> , 11, 674-84	54
1760	Antisense oligodeoxynucleotide inhibition as a potent strategy in plant biology: identification of SUSIBA2 as a transcriptional activator in plant sugar signalling. <b>2005</b> , 44, 128-38	65
1759	Regulation of Homer and group I metabotropic glutamate receptors by nicotine. <b>2005</b> , 21, 1145-54	43
1758	Comparison of culture and real-time PCR for detection and quantification of five putative periodontopathogenic bacteria in subgingival plaque samples. <b>2005</b> , 32, 778-83	101
1757	Effects of implant surface microtopography on osteoblast gene expression. <b>2005</b> , 16, 650-6	150
1756	Alternative splice variants of the human PD-1 gene. <b>2005</b> , 235, 109-16	128
1755	An improved method for determination of gene copy numbers in transgenic mice by serial dilution curves obtained by real-time quantitative PCR assay. <b>2005</b> , 64, 83-98	18
1754	Effects of UV-B in biological and chemical systems: equipment for wavelength dependence determination. <b>2005</b> , 65, 1-12	4
1753	Development of a TaqMan RT-PCR assay without RNA extraction step for the detection and quantification of African Chikungunya viruses. <b>2005</b> , 124, 65-71	214
1752	Use of armored RNA as a standard to construct a calibration curve for real-time RT-PCR. <b>2005</b> , 126, 157-63	28
1751	Development of broadly targeted human endogenous gammaretroviral pol-based real time PCRs Quantitation of RNA expression in human tissues. <b>2005</b> , 129, 16-30	35
1750	Thermal history-dependent expression of the hsp70 gene in purple sea urchins: Biogeographic patterns and the effect of temperature acclimation. <b>2005</b> , 327, 134-143	67

1749	Quantitative simultaneous multiplex real-time PCR for the detection of porcine cytokines. <b>2005</b> , 306, 16-27	100
1748	Quantification of vitellogenin-mRNA during maturation and breeding of a burying beetle. <b>2005</b> , 51, 323-31	13
1747	Comparative analysis of the development of the mandibular salivary glands and the labial silk glands in the mulberry silkworm, <i>Bombyx mori</i> . <b>2005</b> , 5, 323-39	33
1746	Cocaine-induced changes in the expression of apoptosis-related genes in the fetal mouse cerebral wall. <b>2005</b> , 27, 3-14	48
1745	Tissue-type plasminogen activator is upregulated in metastatic breast cancer cells exposed to insulin-like growth factor-I. <b>2005</b> , 6, 340-8	4
1744	Evaluation of the suitability of six host genes as internal control in real-time RT-PCR assays in chicken embryo cell cultures infected with infectious bursal disease virus. <b>2005</b> , 110, 155-65	84
1743	Tumor model-specific proviral insertional mutagenesis of the <i>Fos/Jdp2/Batf</i> locus. <b>2005</b> , 337, 353-64	25
1742	Evaluation of rotavirus dsRNA load in specimens and body fluids from experimentally infected juvenile macaques by real-time PCR. <b>2005</b> , 341, 248-56	23
1741	A quantitative real-time RT-PCR assay for European eel tyrosine hydroxylase. <b>2005</b> , 142, 134-42	70
1740	Effects of salmon GnRH and sex steroid hormones on expression of genes encoding growth hormone/prolactin/somatolactin family hormones and a pituitary-specific transcription factor in masu salmon pituitary cells in vitro. <b>2005</b> , 143, 129-41	61
1739	Seasonal changes in expression of genes encoding five types of gonadotropin-releasing hormone receptors and responses to GnRH analog in the pituitary of masu salmon. <b>2005</b> , 144, 1-9	14
1738	Elevation of gene expression for salmon gonadotropin-releasing hormone in discrete brain loci of prespawning chum salmon during upstream migration. <b>2005</b> , 63, 126-45	30
1737	Dose- and time-dependent effect of bioactive gel-glass ionic-dissolution products on human fetal osteoblast-specific gene expression. <b>2005</b> , 74, 529-37	105
1736	Regulation of naturally occurring antisense RNA of myosin heavy chain (MyHC) in neonatal cardiomyocytes. <b>2005</b> , 94, 848-55	7
1735	Real-time RT-PCR detection of CK19, CK7 and MUC1 mRNA for diagnosis of lymph node micrometastases in non small cell lung carcinoma. <b>2005</b> , 115, 777-82	37
1734	A kinetic model of quantitative real-time polymerase chain reaction. <b>2005</b> , 91, 848-60	38
1733	PRAME mRNA levels in cases with acute leukemia: clinical importance and future prospects. <b>2005</b> , 79, 257-61	52
1732	Quantitative TaqMan Real-Time PCR: Diagnostic and Scientific Applications. <b>2005</b> , 17-28	

1731	Aromatase cytochrome P450: cloning, intron variation, and ontogeny of gene expression in southern flounder ( <i>Paralichthys lethostigma</i> ). <b>2005</b> , 303, 643-56	46
1730	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
1729	Rapid and sensitive detection of multiple genes from the SARS-coronavirus using quantitative RT-PCR with dual systems. <b>2005</b> , 77, 151-8	11
1728	Analysis of mating-dependent transcription of <i>Blakeslea trispora</i> carotenoid biosynthesis genes <i>carB</i> and <i>carRA</i> by quantitative real-time PCR. <b>2005</b> , 67, 549-55	36
1727	Mechanisms of femtosecond laser nanosurgery of cells and tissues. <b>2005</b> , 81, 1015-1047	948
1726	Gene expression studies in prostate cancer tissue: which reference gene should be selected for normalization?. <b>2005</b> , 83, 1014-24	177
1725	High glucose and hydrogen peroxide increase c-Myc and haeme-oxygenase 1 mRNA levels in rat pancreatic islets without activating NFkappaB. <b>2005</b> , 48, 496-505	55
1724	Biochemical characterization of trinitrotoluene transforming oxygen-insensitive nitroreductases from <i>Clostridium acetobutylicum</i> ATCC 824. <b>2005</b> , 184, 158-67	39
1723	Evidence for the existence of P2Y1,2,4 receptor subtypes in HEK-293 cells: reactivation of P2Y1 receptors after repetitive agonist application. <b>2005</b> , 371, 466-72	29
1722	Evaluation of different strategies for real-time RT-PCR expression analysis of corticotropin-releasing hormone and related proteins in human gestational tissues. <b>2005</b> , 383, 768-75	20
1721	Cisplatin-induced genes as potential markers for thyroid cancer. <b>2005</b> , 62, 53-64	18
1720	Analysis of connective tissues by laser capture microdissection and reverse transcriptase-polymerase chain reaction. <b>2005</b> , 337, 22-34	52
1719	Purified human chondroitin-4-sulfate reduced MMP/TIMP imbalance induced by iron plus ascorbate in human fibroblast cultures. <b>2006</b> , 30, 21-30	14
1718	Impact of formalin-fixation and paraffin-embedding on the ratio between mRNA copy numbers of differently expressed genes. <b>2005</b> , 124, 177-88	57
1717	Two genes encoding different truncated hemoglobins are regulated during root nodule and arbuscular mycorrhiza symbioses of <i>Medicago truncatula</i> . <b>2005</b> , 220, 757-66	83
1716	Evaluation of control transcripts in real-time RT-PCR expression analysis during maritime pine embryogenesis. <b>2005</b> , 222, 556-63	52
1715	Expression of tropism-related genes in regenerating skeletal muscle of rats treated with cyclosporin-A. <b>2005</b> , 319, 479-89	21
1714	Genes induced by WDS are differentially expressed in two populations of aleppo pine ( <i>Pinus halepensis</i> ). <b>2005</b> , 1, 166-173	14

1713	Selection of reference genes for quantitative real-time PCR in bovine preimplantation embryos. <b>2005</b> , 5, 27	234
1712	Selection of reference genes for gene expression studies in human neutrophils by real-time PCR. <b>2005</b> , 6, 4	166
1711	Molecular breakpoint cloning and gene expression studies of a novel translocation t(4;15)(q27;q11.2) associated with Prader-Willi syndrome. <b>2005</b> , 6, 18	48
1710	A semi-quantitative microarray method to detect fetal RNAs in maternal plasma. <b>2005</b> , 25, 912-8	8
1709	Selective alterations of gene expression in mice induced by MPTP. <b>2005</b> , 55, 45-51	49
1708	Real-time PCR for mRNA quantitation. <b>2005</b> , 39, 75-85	1202
1707	Improved real-time RT-PCR method for high-throughput measurements using second derivative calculation and double correction. <b>2005</b> , 38, 287-93	227
1706	Kinetics quality assessment for relative quantification by real-time PCR. <b>2005</b> , 39, 333-4, 336, 338 passim	5
1705	. <b>2005</b> ,	55
1704	A conceptual and practical overview of cDNA microarray technology: implications for basic and clinical sciences. <b>2005</b> , 38, 1543-52	8
1703	Relative imbalances in the expression of estrogen-metabolizing enzymes in the breast tissue of women with breast carcinoma. <b>2005</b> , 14, 1091	3
1702	Real-Time Polymerase Chain Reaction Approach for Quantitation of Ruminant-Specific DNA to Indicate a Correlation Between DNA Amount and Meat and Bone Meal Heat Treatments. <b>2005</b> , 88, 1399-1403	27
1701	Assessing natural variations in gene expression in humans by comparing with monozygotic twins using microarrays. <b>2005</b> , 21, 117-23	33
1700	in vivo Cardiac Gene Transfer of Dominant Negative IKK-beta Reduces Myocardial Inflammation, Apoptosis, and Infarction after Ischemia-Reperfusion Injury. <b>2005</b> , 35, 206	3
1699	Altered expression profile of transporters in the inner medullary collecting duct of aquaporin-1 knockout mice. <b>2005</b> , 289, F194-9	15
1698	Decreased epoxygenase and increased epoxide hydrolase expression in the mesenteric artery of obese Zucker rats. <b>2005</b> , 288, R188-96	64
1697	Quantitative real-time PCR for cancer detection: the lymphoma case. <b>2005</b> , 5, 221-30	46
1696	Array-based comparative genomic hybridization reveals recurrent chromosomal aberrations and Jab1 as a potential target for 8q gain in hepatocellular carcinoma. <b>2005</b> , 26, 2050-7	113

1695	Hepatic triglyceride contents are genetically determined in mice: results of a strain survey. <b>2005</b> , 288, G1179-89	43
1694	(+)Insert smooth muscle myosin heavy chain (SM-B) isoform expression in human tissues. <b>2005</b> , 289, C1277-85	29
1693	Regulation of the chondroitin/dermatan fine structure by transforming growth factor-beta1 through effects on polymer-modifying enzymes. <b>2005</b> , 15, 1277-85	46
1692	Expression and characterization of delayed rectifying K <sup>+</sup> channels in anterior rat taste buds. <b>2005</b> , 289, C868-80	49
1691	GLUT4 expression and subcellular localization in the intrauterine growth-restricted adult rat female offspring. <b>2005</b> , 288, E935-47	64
1690	Developmental regulation of PV-1 in rat lung: association with the nuclear envelope and limited colocalization with Cav-1. <b>2005</b> , 288, L275-84	10
1689	Estrogen target gene regulation and coactivator expression in rat uterus after developmental exposure to the ultraviolet filter 4-methylbenzylidene camphor. <b>2005</b> , 146, 2130-9	58
1688	Expression of equine glucose transporter type 4 in skeletal muscle after glycogen-depleting exercise. <b>2005</b> , 66, 379-85	16
1687	The mouse epididymal transcriptome: transcriptional profiling of segmental gene expression in the epididymis. <b>2005</b> , 73, 404-13	197
1686	A simple approach for estimating gene expression in <i>Candida albicans</i> directly from a systemic infection site. <b>2005</b> , 192, 893-900	51
1685	Quantitative molecular assay for fingerprinting microbial communities of wastewater and estrogen-degrading consortia. <b>2005</b> , 71, 1433-44	62
1684	An internal reference technique for accurately quantifying specific mRNAs by real-time PCR with application to the <i>tceA</i> reductive dehalogenase gene. <b>2005</b> , 71, 3866-71	126
1683	Expression profiling of genes involved in starch synthesis in sink and source organs of rice. <b>2005</b> , 56, 3229-44	313
1682	Effect of genetic selection on MyoD and myogenin expression in turkeys with different growth rates. <b>2005</b> , 84, 376-84	21
1681	In vivo and in vitro studies of a novel cytokine, interleukin 4delta2, in pulmonary tuberculosis. <b>2005</b> , 172, 501-8	51
1680	The aldosterone synthase (CYP11B2) and 11beta-hydroxylase (CYP11B1) genes are not expressed in the rat heart. <b>2005</b> , 146, 5287-93	47
1679	Insulin-like growth factor-I induces early osteoblast gene expression in human mesenchymal stem cells. <b>2005</b> , 14, 621-31	91
1678	Optimized mRNA isolation and assessment methodology with two-step real time PCR. <b>2005</b> , 35, 273-82	1

1677	Real-time quantitative reverse transcription-PCR analysis of expression stability of <i>Actinobacillus pleuropneumoniae</i> housekeeping genes during in vitro growth under iron-depleted conditions. <b>2005</b> , 71, 2949-54	40
1676	The power of real-time PCR. <b>2005</b> , 29, 151-9	349
1675	Appearance of a ventricular 5-HT <sub>4</sub> receptor-mediated inotropic response to serotonin in heart failure. <b>2005</b> , 65, 869-78	65
1674	Prognostic role of E2F1 and members of the CDKN2A network in gastrointestinal stromal tumors. <b>2005</b> , 11, 6589-97	69
1673	Replaceable neurons and neurodegenerative disease share depressed UCHL1 levels. <b>2005</b> , 102, 8036-41	42
1672	Choice of endogenous control for gene expression in nonsmall cell lung cancer. <b>2005</b> , 26, 1002-8	45
1671	Heme-reversible impairment of CYP2B1/2 induction in heme-depleted rat hepatocytes in primary culture: translational control by a hepatic alpha-subunit of the eukaryotic initiation factor kinase?. <b>2005</b> , 314, 128-38	17
1670	Uncoupling and endocytosis of 5-hydroxytryptamine 4 receptors. Distinct molecular events with different GRK2 requirements. <b>2005</b> , 280, 27924-34	42
1669	Gene expression profiling in single cells from the pancreatic islets of Langerhans reveals lognormal distribution of mRNA levels. <b>2005</b> , 15, 1388-92	292
1668	Dopamine receptor subtype 2 and somatostatin receptor subtype 5 expression influences somatostatin analogs effects on human somatotroph pituitary adenomas in vitro. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 35, 333-41	4.5 42
1667	Differential expression of IGF-binding protein-3 in normal and malignant colon and its influence on apoptosis. <b>2005</b> , 12, 891-901	25
1666	Small interfering RNA and gene expression analysis using a multiplex branched DNA assay without RNA purification. <b>2005</b> , 10, 549-56	34
1665	Global gene expression profiling: a complement to conventional histopathologic analysis of neoplasia. <b>2005</b> , 42, 735-52	14
1664	Activated human PMN synthesize and release a strongly fucosylated glycoform of alpha1-acid glycoprotein, which is transiently deposited in human myocardial infarction. <b>2005</b> , 78, 453-61	30
1663	The homeobox gene Gax inhibits angiogenesis through inhibition of nuclear factor-kappaB-dependent endothelial cell gene expression. <b>2005</b> , 65, 1414-24	76
1662	Differences in the pattern of X-linked gene expression between fetal bovine muscle and fibroblast cultures derived from the same muscle biopsies. <b>2005</b> , 111, 57-64	12
1661	An Italian program of external quality control for quantitative assays based on real-time PCR with Taq-Man probes. <b>2005</b> , 43, 542-8	17
1660	FXR-activating ligands inhibit rabbit ASBT expression via FXR-SHP-FTF cascade. <b>2005</b> , 288, G60-6	55

1659	A quantitative RT-PCR method to determine topoisomerase I mRNA levels in human tissue samples. <b>2005</b> , 43, 707-14	3
1658	Time-course expression of Toll-like receptors 2 and 4 in inflammatory bowel disease and homeostatic effect of VIP. <b>2005</b> , 78, 491-502	65
1657	Analysis of the role of the PAC1 receptor in neutrophil recruitment, acute-phase response, and nitric oxide production in septic shock. <b>2005</b> , 77, 729-38	37
1656	Methodological studies of multiple reference genes as endogenous controls in vascular gene expression studies. <b>2005</b> , 12, 215-23	8
1655	Chronic cholinergic imbalances promote brain diffusion and transport abnormalities. <b>2005</b> , 19, 910-22	33
1654	Quantitative real-time polymerase chain reaction detection of lymph node lung cancer micrometastasis using carcinoembryonic antigen marker. <b>2005</b> , 128, 1539-44	45
1653	Overexpression of Endothelin-A-receptor in breast cancer: Regulation by estradiol and cobalt-chloride induced hypoxia. <b>2005</b> , 26, 951	
1652	Kinetic fluorescence RT-PCR is highly sensitive for detection of germ-cell-tumor-specific transcripts in peripheral blood. <b>2005</b> , 16, 143-7	
1651	Quantitative PCR. <b>2005</b> , 327-345	1
1650	Inhibition of glutamine synthetase triggers apoptosis in asparaginase-resistant cells. <b>2005</b> , 15, 281-92	39
1649	Chemiluminescence quantitative immunohistochemical determination of MRP2 in liver biopsies. <b>2005</b> , 53, 1451-7	16
1648	Analysis of the transcriptome of the protozoan <i>Theileria parva</i> using MPSS reveals that the majority of genes are transcriptionally active in the schizont stage. <b>2005</b> , 33, 5503-11	45
1647	Chapter 18 Methodological approaches to metabolism research. <b>2005</b> , 433-478	
1646	Cytokine mRNA Quantification in Duodenal Mucosa from Dogs with Chronic Enteropathies by Real-Time Reverse Transcriptase Polymerase Chain Reaction. <b>2005</b> , 19, 644-653	48
1645	Standardization strategy for quantitative PCR in human seminoma and normal testis. <b>2005</b> , 117, 163-71	50
1644	A rapid real-time qRT-PCR assay for ovine beta-actin mRNA. <b>2005</b> , 117, 173-82	12
1643	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. <b>2005</b> , 119, 111-7	92
1642	CyProQuant-PCR: a real time RT-PCR technique for profiling human cytokines, based on external RNA standards, readily automatable for clinical use. <b>2005</b> , 6, 5	52

1641	Fluorescence based strategies for genetic analysis. <b>2005</b> , 5487-502	221
1640	Exploiting molecular methods to explore endodontic infections: Part 1--current molecular technologies for microbiological diagnosis. <b>2005</b> , 31, 411-23	146
1639	Candidate genes for behavioural ecology. <b>2005</b> , 20, 96-104	189
1638	Gamma-glutamyl transpeptidase in glutathione biosynthesis. <b>2005</b> , 401, 468-83	163
1637	Optimized real-time quantitative PCR measurement of male fetal DNA in maternal plasma. <b>2005</b> , 51, 1598-604	145
1636	Transcript AA454543 is a novel prognostic marker for hepatocellular carcinoma after curative partial hepatectomy. <b>2005</b> , 7, 91-8	9
1635	Reliable transcript quantification by real-time reverse transcriptase-polymerase chain reaction in primary neuroblastoma using normalization to averaged expression levels of the control genes HPRT1 and SDHA. <b>2005</b> , 7, 89-96	66
1634	Topographic and quantitative display of integrated human immunodeficiency virus-1 provirus DNA in human lymph nodes by real-time polymerase chain reaction. <b>2005</b> , 7, 219-25	3
1633	Medical Biomethods Handbook. <b>2005</b> ,	2
1632	Methods in Gut Microbial Ecology for Ruminants. <b>2005</b> ,	14
1631	Quantitative Analysis of High-Risk Human Papillomavirus Types in Abnormal Cervical Smears. <b>2005</b> , 19, 151-154	1
1630	Polymerase chain reaction detection of foodborne Salmonella spp. in animal feeds. <b>2005</b> , 31, 45-53	51
1629	Alternatives to antibiotics: chemical and physical antimicrobial interventions and foodborne pathogen response. <b>2005</b> , 84, 667-75	81
1628	Differentiation of osteoblasts in three-dimensional culture in processed cancellous bone matrix: quantitative analysis of gene expression based on real-time reverse transcription-polymerase chain reaction. <b>2005</b> , 11, 855-64	32
1627	Pharmacogenomics of fluorouracil, irinotecan, and oxaliplatin in hepatic metastases of colorectal cancer: clinical implications. <b>2005</b> , 5, 21-33	17
1626	Analysis of fibroblast growth factor 2 (FGF2) gene transcription and protein distribution in the bovine testis. <b>2005</b> , 23, 295-301	3
1625	Quantitative real-time PCR assays to identify and quantify fecal Bifidobacterium species in infants receiving a prebiotic infant formula. <b>2005</b> , 71, 2318-24	232
1624	Human HIF-3alpha4 is a dominant-negative regulator of HIF-1 and is down-regulated in renal cell carcinoma. <b>2005</b> , 19, 1396-406	135

1623	A high-fat diet coordinately downregulates genes required for mitochondrial oxidative phosphorylation in skeletal muscle. <b>2005</b> , 54, 1926-33	487
1622	Vitamin D3 confers protection from autoimmune encephalomyelitis only in female mice. <b>2005</b> , 175, 4119-26	206
1621	Real-time PCR measurement by fluorescence anisotropy. <b>2005</b> , 77, 5129-34	5
1620	Bifidobacterium Lactis sp. 420 up-regulates cyclooxygenase (Cox)-1 and down-regulates Cox-2 gene expression in a Caco-2 cell culture model. <b>2005</b> , 51, 83-92	62
1619	Diagnosis and monitoring of chronic myeloid leukemia by qualitative and quantitative RT-PCR. <b>2006</b> , 125, 69-92	37
1618	Advances in real-time PCR: application to clinical laboratory diagnostics. <b>2005</b> , 40, 219-59	99
1617	Risk assessment of false-positive quantitative real-time PCR results in food, due to detection of DNA originating from dead cells. <b>2005</b> , 60, 315-23	86
1616	Determination of an internal control to apply reverse transcription quantitative PCR to study stress response in the lactic acid bacterium <i>Oenococcus oeni</i> . <b>2005</b> , 60, 325-33	105
1615	Microbial gene expression in soil: methods, applications and challenges. <b>2005</b> , 63, 1-19	102
1614	Differential regulation of nuclear receptors, neuropeptides and peptide hormones in the hypothalamus and pituitary of food restricted rats. <b>2005</b> , 133, 37-46	39
1613	Expression of mitochondrial genes and transcription estimation in different brain areas in Alzheimer's disease patients. <b>2005</b> , 18, 296-304	4
1612	Development of a semi-quantitative real-time RT-PCR for the detection of measles virus. <b>2005</b> , 32, 313-7	31
1611	Analysis of the growth phase-associated transcriptome of <i>Streptococcus pyogenes</i> . <b>2005</b> , 295, 161-77	29
1610	The expression of MT1 and MT2 melatonin receptor mRNA in several rat tissues. <b>2005</b> , 76, 1123-34	75
1609	Housekeeping gene variability in normal and cancerous colorectal, pancreatic, esophageal, gastric and hepatic tissues. <b>2005</b> , 19, 101-9	219
1608	Similar sequence-free amplification of human glyceraldehyde-3-phosphate dehydrogenase for real time RT-PCR applications. <b>2005</b> , 19, 181-6	31
1607	Real-time PCR for simultaneous and quantitative detection of quarantine phytoplasmas from apple proliferation (16 SrX) group. <b>2005</b> , 19, 334-40	60
1606	Circadian expression of clock genes and clock-controlled genes in the rat retina. <b>2005</b> , 330, 18-26	83

1605	PPARgamma agonists diminish serum VEGF elevation in diet-induced insulin resistant SD rats and ZDF rats. <b>2005</b> , 334, 176-82	19
1604	Molecular cloning and characterisation of a pattern recognition molecule, lipopolysaccharide- and beta-1,3-glucan binding protein (LGBP) from the white shrimp <i>Litopenaeus vannamei</i> . <b>2005</b> , 18, 297-310	145
1603	The peroxinectin of white shrimp <i>Litopenaeus vannamei</i> is synthesised in the semi-granular and granular cells, and its transcription is up-regulated with <i>Vibrio alginolyticus</i> infection. <b>2005</b> , 18, 431-44	54
1602	mRNA expression of antioxidant enzymes (SOD, CAT and GSH-Px) and lipid peroxidative stress in liver of Atlantic salmon ( <i>Salmo salar</i> ) exposed to hyperoxic water during smoltification. <b>2005</b> , 141, 314-23	92
1601	Distinct effects of 4-nonylphenol and estrogen-17 beta on expression of estrogen receptor alpha gene in smolting sockeye salmon. <b>2005</b> , 140, 123-30	13
1600	Longitudinal study of cytokine and immune transcription factor mRNA expression in septic shock. <b>2005</b> , 114, 61-9	66
1599	Validation of real-time RT-PCR assays for mRNA quantification in baboons. <b>2005</b> , 31, 454-8	19
1598	Real-time PCR quantification of the in vitro effects of crustacean immunostimulants on gene expression in lobster ( <i>Homarus gammarus</i> ) granular haemocytes. <b>2005</b> , 29, 33-42	47
1597	Hierarchical and ontogenic positions serve to define the molecular basis of human hematopoietic stem cell behavior. <b>2005</b> , 8, 651-63	60
1596	SNAT2 silencing prevents the osmotic induction of transport system A and hinders cell recovery from hypertonic stress. <b>2005</b> , 579, 3376-80	22
1595	C-reactive protein in atherosclerotic lesions: its origin and pathophysiological significance. <b>2005</b> , 167, 1139-48	133
1594	Novel mechanisms of target cell death and survival and of therapeutic action of IVIg in Pemphigus. <b>2005</b> , 167, 1531-44	108
1593	Group A <i>Streptococcus</i> transcriptome dynamics during growth in human blood reveals bacterial adaptive and survival strategies. <b>2005</b> , 166, 455-65	123
1592	Receptor-mediated tobacco toxicity: regulation of gene expression through alpha3beta2 nicotinic receptor in oral epithelial cells. <b>2005</b> , 166, 597-613	74
1591	Central nervous system injury triggers hepatic CC and CXC chemokine expression that is associated with leukocyte mobilization and recruitment to both the central nervous system and the liver. <b>2005</b> , 166, 1487-97	120
1590	Fatty acid responses in taste cells from obesity-prone and -resistant rats. <b>2005</b> , 86, 681-90	101
1589	Microarray-based screening of differentially expressed genes in peanut in response to <i>Aspergillus parasiticus</i> infection and drought stress. <b>2005</b> , 169, 695-703	93
1588	Intron 1 retaining cyclooxygenase 1 splice variant is induced by osmotic stress in human intestinal epithelial cells. <b>2005</b> , 73, 343-50	19

1587	Cytokine mRNA quantification in histologically normal canine duodenal mucosa by real-time RT-PCR. <b>2005</b> , 103, 101-11	35
1586	Real-time RT-PCR quantification of mRNA encoding cytokines and chemokines in histologically normal canine nasal, bronchial and pulmonary tissue. <b>2005</b> , 104, 195-204	24
1585	Understanding bovine trypanosomiasis and trypanotolerance: the promise of functional genomics. <b>2005</b> , 105, 247-58	46
1584	Functional analysis of a single nucleotide polymorphism in a potential binding site for GATA transcription factors in the ovine interleukin 2 gene. <b>2005</b> , 107, 51-6	6
1583	Kv4.2 and KCHIP2 transcription in individual cardiomyocytes from the rat left ventricular free wall. <b>2005</b> , 39, 269-75	6
1582	Alterations in stress-associated behaviors and neurochemical markers in adult rats after neonatal short-lasting local inflammatory insult. <b>2005</b> , 131, 635-45	60
1581	Quantitative real-time RT-PCR--a perspective. <i>Journal of Molecular Endocrinology</i> , <b>2005</b> , 34, 597-601	4.5 897
1580	Harnessing the power of gene microarrays for the study of brain aging and Alzheimer's disease: statistical reliability and functional correlation. <b>2005</b> , 4, 481-512	86
1579	Synthesis and evaluation of a new non-fluorescent quencher in fluorogenic oligonucleotide probes for real-time PCR. <b>2005</b> , 3, 2534-42	16
1578	Altered expression of TGF-beta receptors in hepatocellular carcinoma--effects of a constitutively active TGF-beta type I receptor mutant. <b>2005</b> , 71, 78-91	21
1577	Real-time, fluorescence-based quantitative PCR: a snapshot of current procedures and preferences. <b>2005</b> , 5, 493-8	101
1576	Quantification of toxic <i>Microcystis</i> spp. during the 2003 and 2004 blooms in western Lake Erie using quantitative real-time PCR. <b>2005</b> , 39, 4198-205	282
1575	Real-Time PCR Analysis of Cardiac Samples. <b>2005</b> , 891-906	
1574	Comprehensive algorithm for quantitative real-time polymerase chain reaction. <b>2005</b> , 12, 1047-64	913
1573	Molecular and statistical tools for circadian transcript profiling. <b>2005</b> , 393, 341-65	43
1572	Myeloid Leukemia. <b>2005</b> ,	
1571	Laser capture microdissection for analysis of macrophage gene expression from atherosclerotic lesions. <b>2005</b> , 293, 221-31	26
1570	Housekeeping gene selection for real-time RT-PCR normalization in potato during biotic and abiotic stress. <b>2005</b> , 56, 2907-14	937

1569	Inhibition of iron uptake from iron salts and chelates by divalent metal cations in intestinal epithelial cells. <b>2005</b> , 53, 132-6	32
1568	NUCLEIC ACIDS   mRNA Identification and Quantification. <b>2005</b> , 417-426	4
1567	Endogenous estrogens inhibit mouse fetal Leydig cell development via estrogen receptor alpha. <b>2005</b> , 146, 2454-61	108
1566	Cytochrome P450-2C11 mRNA is not expressed in endothelial cells dissected from rat renal arterioles. <b>2005</b> , 99, p43-9	2
1565	Laser Capture Microdissection. <b>2005</b> ,	11
1564	The 'permeome' of the malaria parasite: an overview of the membrane transport proteins of <i>Plasmodium falciparum</i> . <b>2005</b> , 6, R26	133
1563	Protective effect of vasoactive intestinal peptide on bone destruction in the collagen-induced arthritis model of rheumatoid arthritis. <b>2005</b> , 7, R1034-45	95
1562	Quantification of chemokines by real-time reverse transcriptase PCR: applications in type 1 diabetes. <b>2006</b> , 6, 51-64	8
1561	Genetic basis of secondary osteoarthritis in dogs with joint dysplasia. <b>2006</b> , 67, 909-18	21
1560	. <b>2006</b> , 3, 141-151	6
1559	Hormone Assays in Biological Fluids. <b>2006</b> ,	3
1558	RNA Towards Medicine. <b>2006</b> ,	
1557	CAMP response element modulator a expression in patients with systemic lupus erythematosus. <b>2006</b> , 15, 840-4	25
1556	Cytochrome P450 gene induction in rats ex vivo assessed by quantitative real-time reverse transcriptase-polymerase chain reaction (TaqMan). <b>2006</b> , 34, 1063-9	47
1555	Clinical Applications of PCR. <b>2006</b> ,	
1554	Transcription factor profiling in individual hematopoietic progenitors by digital RT-PCR. <b>2006</b> , 103, 17807-12	320
1553	Characterization of a recombinant adenovirus vector encoding heat-inducible feline interleukin-12 for use in hyperthermia-induced gene-therapy. <b>2006</b> , 22, 117-34	16
1552	Ingested (oral) IFN-alpha represses TNF-alpha mRNA in relapsing-remitting multiple sclerosis. <b>2006</b> , 26, 150-5	10

1551	Improved biplex quantitative real-time polymerase chain reaction with modified primers for gene expression analysis. <b>2006</b> , 16, 395-403	4
1550	beta-tubulin is a more suitable internal control than beta-actin in western blot analysis of spinal cord tissues after traumatic injury. <b>2006</b> , 23, 1794-801	57
1549	Technical note: validation of internal control genes for gene expression analysis in bovine polymorphonuclear leukocytes. <b>2006</b> , 89, 4066-9	51
1548	An introduction to PCR techniques. <b>2006</b> , 324, 75-89	3
1547	Establishment of a real-time PCR protocol for expression studies of secondary metabolite biosynthetic gene clusters in the G/C-rich myxobacterium <i>Sorangium cellulosum</i> So ce56. <b>2006</b> , 121, 201-12	16
1546	The use of real-time polymerase chain reaction in thoracic malignancies. <b>2006</b> , 16, 345-52	2
1545	Deletion of <i>Mtgr1</i> sensitizes the colonic epithelium to dextran sodium sulfate-induced colitis. <b>2006</b> , 131, 579-88	25
1544	PRMT6 diminishes HIV-1 Rev binding to and export of viral RNA. <b>2006</b> , 3, 93	47
1543	Identification of genes involved in the sensitivity to antitumour drug 17-allylamino,17-demethoxygeldanamycin (17AAG). <b>2006</b> , 2, 231-9	7
1542	Microarray validation: factors influencing correlation between oligonucleotide microarrays and real-time PCR. <b>2006</b> , 8, 175-93	414
1541	Comparison of real-time polymerase chain reaction and end-point polymerase chain reaction for the analysis of gene expression in preimplantation embryos. <b>2006</b> , 18, 365-71	22
1540	RCL2, a new fixative, preserves morphology and nucleic acid integrity in paraffin-embedded breast carcinoma and microdissected breast tumor cells. <b>2006</b> , 8, 157-69	77
1539	High magnetic field induced changes of gene expression in arabidopsis. <b>2006</b> , 4, 7	37
1538	High-fat/low-carbohydrate diets regulate glucose metabolism via a long-term transcriptional loop. <b>2006</b> , 55, 1457-63	15
1537	Toxicological housekeeping genes: do they really keep the house?. <b>2006</b> , 40, 7944-9	83
1536	Homogeneous detection of nucleic acids using self-quenched polymerase chain reaction primers labeled with a single fluorophore (LUX primers). <b>2006</b> , 335, 95-114	11
1535	Validation of a novel ultra-short immunolabeling method for high-quality mRNA preservation in laser microdissection and real-time reverse transcriptase-polymerase chain reaction. <b>2006</b> , 8, 246-53	8
1534	Parallel picoliter rt-PCR assays using microfluidics. <b>2006</b> , 78, 956-8	157

1533	Microfluidic single-cell mRNA isolation and analysis. <b>2006</b> , 78, 3084-9	291
1532	Insulin-like growth factor-I cDNA cloning, gene expression and potential use as a growth rate indicator in Nile tilapia, <i>Oreochromis niloticus</i> . <b>2006</b> , 251, 585-595	83
1531	Myosin heavy chain mRNA expression correlates higher with muscle protein accretion than growth in Atlantic salmon, <i>Salmo salar</i> . <b>2006</b> , 252, 453-461	45
1530	Distinct temporal patterns of Transaldolase 1 gene expression in future migratory and sedentary brown trout ( <i>Salmo trutta</i> ). <b>2006</b> , 260, 326-336	15
1529	Altered gene expression: a mechanism for reproductive toxicity in zebrafish exposed to benzo[a]pyrene. <b>2006</b> , 78, 332-40	82
1528	Hepatic gene expression profiling using Genechips in zebrafish exposed to 17alpha-ethynylestradiol. <b>2006</b> , 79, 233-46	94
1527	MUC1 splice variants in human ocular surface tissues: possible differences between dry eye patients and normal controls. <b>2006</b> , 83, 493-501	45
1526	Paneth cell antimicrobial peptides: topographical distribution and quantification in human gastrointestinal tissues. <b>2006</b> , 580, 5344-50	123
1525	Development and optimization of a Q-RT PCR method to quantify CYP19 mRNA expression in testis of male adult <i>Xenopus laevis</i> : comparisons with aromatase enzyme activity. <b>2006</b> , 144, 18-28	20
1524	Gold nanoparticle probes for the detection of nucleic acid targets. <b>2006</b> , 363, 120-6	290
1523	Duplication and deletion analysis by fluorescent real-time PCR-based genotyping. <b>2006</b> , 363, 138-46	11
1522	Quantification by real-time PCR of developmental and adult myosin mRNA in rat muscles. <b>2006</b> , 340, 165-74	12
1521	Changes of skeletal muscle adiponectin content in diet-induced insulin resistant rats. <b>2006</b> , 341, 209-17	38
1520	Hypoxia-inducible factor 1alpha cDNA cloning and its mRNA and protein tissue specific expression in domestic yak ( <i>Bos grunniens</i> ) from Qinghai-Tibetan plateau. <b>2006</b> , 348, 310-9	27
1519	Molecular cloning and characterisation of cytosolic manganese superoxide dismutase (cytMn-SOD) from the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <b>2006</b> , 20, 438-49	58
1518	Molecular cloning and characterisation of peroxinectin, a cell adhesion molecule, from the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <b>2006</b> , 21, 1-10	25
1517	Molecular cloning and characterisation of copper/zinc superoxide dismutase (Cu,Zn-SOD) from the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <b>2006</b> , 21, 102-12	44
1516	Cloning and characterisation of mitochondrial manganese superoxide dismutase (mtMnSOD) from the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <b>2006</b> , 21, 453-66	32

1515	Characterization of a neuronal cell line expressing native human melanin-concentrating hormone receptor 1 (MCHR1). <b>2006</b> , 38, 1290-9	10
1514	Real-time reverse transcription PCR and the detection of occult disease in colorectal cancer. <b>2006</b> , 27, 192-223	31
1513	Epididymal genomics and the search for a male contraceptive. <b>2006</b> , 250, 178-83	14
1512	Gene expression patterns for GDNF and its receptors in the human putamen affected by Parkinson's disease: a real-time PCR study. <b>2006</b> , 252, 160-6	65
1511	N-3 fatty acids modulate Th1 and Th2 dichotomy in diabetic pregnancy and macrosomia. <b>2006</b> , 26, 268-77	42
1510	Rapid and multiplexed transcript analysis of microbial cultures using capillary electrophoresis-detectable oligonucleotide probe pools. <b>2006</b> , 65, 404-16	35
1509	Real-time reverse transcription PCR for the quantification of the mntH expression of Salmonella enterica as a function of growth phase and phagosome-like conditions. <b>2006</b> , 66, 125-35	35
1508	Regulation of human airway mesenchymal cell proliferation by glucocorticoids and beta2-adrenoceptor agonists. <b>2006</b> , 19, 32-8	22
1507	Evidence for dissociation of TLR mRNA expression and TLR agonist-mediated functions in bovine macrophages. <b>2006</b> , 110, 37-49	38
1506	Single-cell analysis divides bovine monocyte-derived dendritic cells into subsets expressing either high or low levels of inducible nitric oxide synthase. <b>2006</b> , 114, 1-14	13
1505	Estrogen facilitates fear conditioning and increases corticotropin-releasing hormone mRNA expression in the central amygdala in female mice. <b>2006</b> , 49, 197-205	114
1504	Bigenomic functional regulation of all 13 cytochrome c oxidase subunit transcripts in rat neurons in vitro and in vivo. <b>2006</b> , 140, 177-90	35
1503	Muscle inflammation induces a rapid increase in calcitonin gene-related peptide (CGRP) mRNA that temporally relates to CGRP immunoreactivity and nociceptive behavior. <b>2006</b> , 143, 875-84	37
1502	Expression of enzymes of cyclooxygenase pathway and secretion of prostaglandin E2 and F2alpha by porcine myometrium during luteolysis and early pregnancy. <b>2006</b> , 66, 1049-56	39
1501	qPCR-DAMS: a database tool to analyze, manage, and store both relative and absolute quantitative real-time PCR data. <b>2006</b> , 25, 525-7	7
1500	Rapid detection of enterotoxigenic clostridium perfringens by real-time fluorescence resonance energy transfer PCR. <b>2006</b> , 69, 1347-53	6
1499	[Comparison between Real-Time PCR and Agarose Gel Electrophoresis for DNA Quantification.]. <b>2006</b> , 26, 217-22	1
1498	Quantification of cDNA generated by reverse transcription of total RNA provides a simple alternative tool for quantitative RT-PCR normalization. <b>2006</b> , 41, 156, 158, 160 passim	40

1497	Molecular Monitoring of Wild-Type and Genetically Engineered Colletotrichum coccodes Biocontrol Strains In Planta. <b>2006</b> , 90, 1504-1510	4
1496	Genetic Regulation of Polerovirus and Luteovirus Transmission in the Aphid Schizaphis graminum. <b>2006</b> , 96, 828-37	30
1495	Developmental kinetics, turnover, and stimulatory capacity of thymic epithelial cells. <b>2006</b> , 108, 3777-85	335
1494	Expression of interleukin-3 receptor subunits on defined subpopulations of acute myeloid leukemia blasts predicts the cytotoxicity of diphtheria toxin interleukin-3 fusion protein against malignant progenitors that engraft in immunodeficient mice. <b>2006</b> , 108, 3530-7	50
1493	Sphingosine 1-phosphate receptor expression profile and regulation of migration in human thyroid cancer cells. <b>2006</b> , 398, 547-56	64
1492	Nucleic acid quantification and disease outcome prediction in colorectal cancer. <b>2006</b> , 3, 207-216	6
1491	Expression in human ocular surface tissues of the GalNAc-transferases that initiate mucin-type O-glycosylation. <b>2006</b> , 25, 1193-9	12
1490	IL-10 signaling is essential for 1,25-dihydroxyvitamin D3-mediated inhibition of experimental autoimmune encephalomyelitis. <b>2006</b> , 177, 6030-7	175
1489	Quantitative Real-Time PCR. <b>2006</b> , 75-83	
1488	Quantitative PCR to detect, discriminate and quantify intracellular parasites in their host: an example from three microsporidians in Daphnia. <b>2006</b> , 133, 11-8	27
1487	Heterogeneous expression of human cathelicidin hCAP18/LL-37 in inflammatory bowel diseases. <b>2006</b> , 18, 615-21	129
1486	Assessment of the use of RNA quality metrics for the screening of articular cartilage specimens from clinically normal dogs and dogs with osteoarthritis. <b>2006</b> , 67, 1438-44	18
1485	Thymidylate synthase, dihydropyrimidine dehydrogenase and thymidine phosphorylase expression in colorectal cancer and normal mucosa in patients. <b>2006</b> , 16, 809-16	27
1484	Screening for control genes in mouse hippocampus after transient forebrain ischemia using high-density oligonucleotide array. <b>2006</b> , 101, 52-7	21
1483	Development and evaluation of different normalization strategies for gene expression studies in Candida albicans biofilms by real-time PCR. <b>2006</b> , 7, 25	100
1482	Polymorphisms in the glucocerebrosidase gene and pseudogene urge caution in clinical analysis of Gaucher disease allele c.1448T>C (L444P). <b>2006</b> , 7, 69	8
1481	Development of a new set of reference genes for normalization of real-time RT-PCR data of porcine backfat and longissimus dorsi muscle, and evaluation with PPARGC1A. <b>2006</b> , 6, 41	137
1480	Evaluation of quantitative polymerase chain reaction-based approaches for determining gene copy and gene transcript numbers in environmental samples. <b>2006</b> , 8, 804-15	166

1479	Quantitative mRNA expression analysis of neurotrophin-receptor TrkC and oncogene c-MYC from formalin-fixed, paraffin-embedded primitive neuroectodermal tumor samples. <b>2006</b> , 26, 393-9	11
1478	Regulation of endogenous human NPFF2 receptor by neuropeptide FF in SK-N-MC neuroblastoma cell line. <b>2006</b> , 96, 573-84	18
1477	Analysis of metallothionein brain gene expression in relation to ethanol preference in mice using cosegregation and gene knockouts. <b>2006</b> , 30, 15-25	6
1476	Identification of <i>Bilophila wadsworthia</i> by specific PCR which targets the taurine:pyruvate aminotransferase gene. <b>2006</b> , 261, 74-9	8
1475	Generic normalization method for real-time PCR. Application for the analysis of the mannanase gene expressed in germinating tomato seed. <b>2006</b> , 273, 770-7	13
1474	Simultaneous determination of total human and male DNA using a duplex real-time PCR assay. <b>2006</b> , 51, 1005-15	61
1473	Nutrigenomics: a case study in the measurement of insect response to nutritional quality. <b>2006</b> , 121, 1-14	32
1472	Molecular fingerprinting of BMP2- and BMP4-treated embryonic maxillary mesenchymal cells. <b>2006</b> , 9, 93-110	10
1471	Enhanced expression and clinical significance of CC-chemokine MIP-3 alpha in hepatocellular carcinoma. <b>2006</b> , 63, 468-77	57
1470	A liposome-PCR assay for the ultrasensitive detection of biological toxins. <b>2006</b> , 24, 555-7	106
1469	Quantification of mRNA using real-time RT-PCR. <b>2006</b> , 1, 1559-82	1452
1468	Real-time PCR: A review of approaches to data analysis. <b>2006</b> , 42, 455-463	75
1467	Expression of the proteolysis-inducing factor core peptide mRNA is upregulated in both tumour and adjacent normal tissue in gastro-oesophageal malignancy. <b>2006</b> , 94, 731-6	29
1466	Elevated tumour interleukin-1beta is associated with systemic inflammation: A marker of reduced survival in gastro-oesophageal cancer. <b>2006</b> , 95, 1568-75	87
1465	Stable inhibition of human thymidylate synthase expression following retroviral introduction of an siRNA gene. <b>2006</b> , 13, 107-14	8
1464	Long-term regulation of proximal tubule acid-base transporter abundance by angiotensin II. <b>2006</b> , 70, 660-8	25
1463	Statistical algorithm for assuring similar efficiency in standards and samples for absolute quantification by real-time reverse transcription polymerase chain reaction. <b>2006</b> , 348, 198-208	18
1462	Validation of real-time reverse-transcription-polymerase chain reaction for quantification of capecitabine-metabolizing enzymes. <b>2006</b> , 350, 71-80	5

1461	Rapid quantitative analysis using a single molecule counting approach. <b>2006</b> , 352, 97-109	19
1460	Error propagation in relative real-time reverse transcription polymerase chain reaction quantification models: the balance between accuracy and precision. <b>2006</b> , 356, 182-93	79
1459	Extended silencing of the insulin-like growth factor-I receptor gene in MCF-7 cells by serial transfection with siRNA. <b>2006</b> , 357, 305-7	1
1458	Comparative analysis of hypermethylation of cell cycle control and DNA-mismatch repair genes in low-density and CD34+ bone marrow cells from patients with myelodysplastic syndrome. <b>2006</b> , 30, 1347-53	12
1457	Quantification of RNA in bacteriophage MS2-like viruses in solution by small-angle X-ray scattering. <b>2006</b> , 75, 359-368	7
1456	Effect of pH on metal speciation and resulting metal uptake and toxicity for earthworms. <b>2006</b> , 25, 788-96	66
1455	Plasma RNA integrity analysis: methodology and validation. <b>2006</b> , 1075, 174-8	8
1454	Optimization and application of real-time PCR method for detecting the expression levels of nitrogen assimilation-related genes in rice. <b>2006</b> , 53, 560-569	3
1453	Methods for detecting single nucleotide polymorphisms: Allele-specific PCR and hybridization with oligonucleotide probe. <b>2006</b> , 42, 16-26	10
1452	Development of quantitative PCR methods to analyse neural progenitor cell culture state. <b>2006</b> , 44, 1-8	11
1451	Utilizing quantitative polymerase chain reaction to evaluate prostate stem cell antigen as a tumor marker in pancreatic cancer. <b>2006</b> , 13, 1645-54	26
1450	The real-time polymerase chain reaction. <b>2006</b> , 27, 95-125	853
1449	Heparanase expression and TrkC/p75NTR ratios in human medulloblastoma. <b>2006</b> , 23, 55-63	11
1448	TNF-alpha, IFN-gamma, and IL-1beta modulate hyaluronan synthase expression in human skin fibroblasts: synergistic effect by concomitant treatment with FeSO4 plus ascorbate. <b>2006</b> , 292, 169-78	35
1447	Differential expression of calcium-activated chloride channels (CLCA) gene family members in the small intestine of cystic fibrosis mouse models. <b>2006</b> , 126, 239-50	19
1446	Distribution of extracellular matrix proteins type I collagen, type IV collagen, fibronectin, and laminin in mouse folliculogenesis. <b>2006</b> , 126, 583-92	102
1445	Morphogenesis and molecular basis on naked seed rice, a novel homeotic mutation of OsMADS1 regulating transcript level of AP3 homologue in rice. <b>2006</b> , 223, 882-90	50
1444	Gene expression of single articular chondrocytes. <b>2007</b> , 327, 43-54	32

1443	Validation of reference genes for real-time polymerase chain reaction studies in Atlantic salmon. <b>2006</b> , 8, 398-408	126
1442	Expression genetics and haplotype analysis reveal cis regulation of serine carboxypeptidase I (Cxp1), a candidate gene for malting quality in barley ( <i>Hordeum vulgare</i> L.). <b>2006</b> , 6, 25-35	40
1441	Differential mRNA stability to endogenous ribonucleases of the coding region and 3' untranslated regions of wheat ( <i>Triticum aestivum</i> L.) manganese superoxide dismutase genes. <b>2006</b> , 25, 133-9	2
1440	Differential expression of manganese superoxide dismutase sequence variants in near isogenic lines of wheat during cold acclimation. <b>2006</b> , 25, 223-30	23
1439	Expression profiling of intermingled long-range projection neurons harvested by laser capture microdissection. <b>2006</b> , 157, 195-207	16
1438	The citrus flavonoid naringenin stimulates DNA repair in prostate cancer cells. <b>2006</b> , 17, 89-95	114
1437	Comparative expression and characterization of dehydroascorbate reductase cDNA from transformed sesame hairy roots using real-time RT-PCR. <b>2006</b> , 49, 507-512	3
1436	Real-time PCR analysis of cytochrome P450 aromatase expression in zebrafish: gene specific tissue distribution, sex differences, developmental programming, and estrogen regulation. <b>2006</b> , 147, 108-17	120
1435	Discordant regulation of hepatic IGF-I mRNA and circulating IGF-I during compensatory growth in a teleost, the hybrid striped bass ( <i>Morone chrysops</i> × <i>Morone saxatilis</i> ). <b>2006</b> , 147, 196-205	53
1434	RT-PCR analysis of the expression of POMC and its processing enzyme PC1 in amphibian melanotropes. <b>2006</b> , 147, 222-30	7
1433	Identification of HLA-A33-restricted CMV pp65 epitopes as common targets for CD8(+) CMV-specific cytotoxic T lymphocytes. <b>2006</b> , 34, 296-307	16
1432	Evaluation of various housekeeping genes for their applicability for normalization of mRNA expression in dioxin-treated rats. <b>2006</b> , 160, 134-49	51
1431	Increased levels of CK19 mRNA in oral squamous cell carcinoma tissue detected by relative quantification with real-time polymerase chain reaction. <b>2006</b> , 51, 1112-9	13
1430	Sensitive and specific detection of Salmonid alphavirus using real-time PCR (TaqMan). <b>2006</b> , 131, 184-92	111
1429	Real-time multiplex PCR assay to quantify hepatitis C virus RNA in peripheral blood mononuclear cells. <b>2006</b> , 133, 195-204	12
1428	Performance of the automated Abbott RealTime HIV-1 assay on a genetically diverse panel of specimens from Brazil. <b>2006</b> , 134, 237-43	39
1427	Performance of the automated Abbott RealTime HIV-1 assay on a genetically diverse panel of specimens from London: comparison to VERSANT HIV-1 RNA 3.0, AMPLICOR HIV-1 MONITOR v1.5, and LCx HIV RNA Quantitative assays. <b>2006</b> , 137, 184-92	53
1426	Real-time RT-PCR detection of Bovine Viral Diarrhoea virus in whole blood using an external RNA reference. <b>2006</b> , 138, 218-22	34

1425	Comparison of 'real-time' and immunometric RT-PCR: RNA interference of reverse transcriptase-PCR. <b>2006</b> , 312, 40-4	2
1424	Dynamics of interferon-beta modulated mRNA biomarkers in multiple sclerosis patients with anti-interferon-beta neutralizing antibodies. <b>2006</b> , 176, 125-33	40
1423	TGFbeta1 regulates the inflammatory response during chronic neurodegeneration. <b>2006</b> , 22, 638-50	84
1422	Behavioural and hypothalamic molecular effects of the anti-cancer agent cisplatin in the rat: A model of chemotherapy-related malaise?. <b>2006</b> , 83, 9-20	42
1421	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
1420	The effect of bisphosphonates on gene expression: GAPDH as a housekeeping or a new target gene?. <b>2006</b> , 6, 49	31
1419	Statistical analysis of real-time PCR data. <b>2006</b> , 7, 85	1311
1418	Expression of target and reference genes in Daphnia magna exposed to ibuprofen. <b>2006</b> , 7, 175	93
1417	Expoldb: expression linked polymorphism database with inbuilt tools for analysis of expression and simple repeats. <b>2006</b> , 7, 258	1
1416	Quantitative analysis of cell-type specific gene expression in the green alga Volvox carteri. <b>2006</b> , 7, 321	26
1415	Enhancing recombinant glycoprotein sialylation through CMP-sialic acid transporter over expression in Chinese hamster ovary cells. <b>2006</b> , 93, 1005-16	81
1414	Expression profiling of transforming growth factor beta superfamily genes in developing orofacial tissue. <b>2006</b> , 76, 528-43	13
1413	An exercise to estimate differential gene expression in human cells. <b>2006</b> , 34, 116-20	3
1412	Cellular response to phase-separated blends of tyrosine-derived polycarbonates. <b>2006</b> , 76, 491-502	16
1411	Quantification of the expression and inducibility of 12 rat cytochrome P450 isoforms by quantitative RT-PCR. <b>2005</b> , 19, 368-78	30
1410	Importance of molecular analysis in detecting cervical lymph node metastasis in head and neck squamous cell carcinoma. <b>2006</b> , 28, 842-9	34
1409	Can we exclude the TXNIP gene as a candidate gene for familial combined hyperlipidemia?. <b>2006</b> , 140, 1010-2	3
1408	In vivo activation of SMN in spinal muscular atrophy carriers and patients treated with valproate. <b>2006</b> , 59, 970-5	124

1407	Atrogin-1/MAFbx and MuRF1 are downregulated in aging-related loss of skeletal muscle. <b>2006</b> , 61, 663-74	134
1406	Epidermal growth factor reduces hepatic sequelae in experimental necrotizing enterocolitis. <b>2006</b> , 89, 227-35	20
1405	Constitutive expression exposes functional redundancy between the Arabidopsis histone H2A gene HTA1 and other H2A gene family members. <b>2006</b> , 18, 1575-89	82
1404	Cervine ( <i>Cervus elaphus</i> ) cytokine mRNA quantification by real-time polymerase chain reaction. <b>2006</b> , 42, 219-33	10
1403	Hedgehog signaling in human hepatocellular carcinoma. <b>2006</b> , 5, 111-7	87
1402	Molecular diagnosis of severe acute respiratory syndrome. <b>2006</b> , 336, 163-75	2
1401	Expression profiling of glycosyltransferases using RT-PCR. <b>2006</b> , 416, 129-40	2
1400	Application of two-step quantitative reverse-transcription PCR to bacterial diagnostics. <b>2006</b> , 345, 97-109	3
1399	Real-time quantitative polymerase chain reaction in cardiac transplant research. <b>2006</b> , 333, 305-30	11
1398	Distribution of mRNA coding for 5-hydroxytryptamine receptor subtypes in the intestines of healthy dairy cows and dairy cows with cecal dilatation-dislocation. <b>2006</b> , 67, 95-101	13
1397	Quantitative mRNA analysis of adrenergic receptor subtypes in the intestines of healthy dairy cows and dairy cows with cecal dilatation-dislocation. <b>2006</b> , 67, 1367-76	8
1396	Constitutive mRNA expression of DNA repair-related genes as a biomarker for clinical radio-resistance: A pilot study in prostate cancer patients receiving radiotherapy. <b>2006</b> , 82, 593-604	25
1395	Quantitative real-time PCR analysis of fecal <i>Lactobacillus</i> species in infants receiving a prebiotic infant formula. <b>2006</b> , 72, 2359-65	246
1394	The role of the peroxisome proliferator-activated receptor-alpha (PPAR-alpha) in the regulation of acute inflammation. <b>2006</b> , 79, 999-1010	79
1393	Pituitary hormone mRNA expression in European sea bass <i>Dicentrarchus labrax</i> in seawater and following acclimation to fresh water. <b>2006</b> , 191, 473-80	38
1392	Effects of soybean glyceollins and estradiol in postmenopausal female monkeys. <b>2006</b> , 56, 74-81	38
1391	Glucose-induced mixed $[Ca^{2+}]_c$ oscillations in mouse beta-cells are controlled by the membrane potential and the SERCA3 $Ca^{2+}$ -ATPase of the endoplasmic reticulum. <b>2006</b> , 290, C1503-11	88
1390	The Fat1 cadherin integrates vascular smooth muscle cell growth and migration signals. <b>2006</b> , 173, 417-29	72

1389	Genome-controlled reverse transcriptase-polymerase chain reaction for targeted gene-expression analysis. <b>2006</b> , 66, 597-606	1
1388	Vitamin D metabolism in peripheral blood mononuclear cells is influenced by chewing "betel nut" (Areca catechu) and vitamin D status. <b>2006</b> , 91, 2612-7	41
1387	Abundance and distribution of <i>Ostreococcus</i> sp. in the San Pedro Channel, California, as revealed by quantitative PCR. <b>2006</b> , 72, 2496-506	78
1386	Transition from ectothermy to endothermy: the development of metabolic capacity in a bird ( <i>Gallus gallus</i> ). <b>2006</b> , 273, 565-70	21
1385	A validated quantitative assay to detect occult micrometastases by reverse transcriptase-polymerase chain reaction of guanylyl cyclase C in patients with colorectal cancer. <b>2006</b> , 12, 4545-52	70
1384	Variant diphtheria toxin-interleukin-3 fusion proteins with increased receptor affinity have enhanced cytotoxicity against acute myeloid leukemia progenitors. <b>2006</b> , 12, 1284-91	37
1383	Molecular identification of an <i>Arabidopsis</i> S-adenosylmethionine transporter. Analysis of organ distribution, bacterial expression, reconstitution into liposomes, and functional characterization. <b>2006</b> , 142, 855-65	85
1382	Circadian clock gene expression in the ovary: Effects of luteinizing hormone. <b>2006</b> , 75, 624-32	107
1381	Use of self-quenched, fluorogenic LUX primers for gene expression profiling. <b>2006</b> , 335, 115-33	9
1380	Peroxisome proliferator-activated receptor alpha deficiency increases the risk of maternal abortion and neonatal mortality in murine pregnancy with or without diabetes mellitus: Modulation of T cell differentiation. <b>2006</b> , 147, 4410-8	53
1379	In vivo fluconazole pharmacodynamics and resistance development in a previously susceptible <i>Candida albicans</i> population examined by microbiologic and transcriptional profiling. <b>2006</b> , 50, 2384-94	34
1378	Soy isoflavonoid effects on endogenous estrogen metabolism in postmenopausal female monkeys. <b>2007</b> , 28, 801-8	30
1377	Involvement of chemokine receptor CCR6 in colorectal cancer metastasis. <b>2006</b> , 27, 166-74	77
1376	Gene expression profiling of individual bovine nuclear transfer blastocysts. <b>2006</b> , 131, 1073-84	72
1375	A molecular mimic demonstrates that phosphorylated human prolactin is a potent anti-angiogenic hormone. <b>2006</b> , 13, 95-111	32
1374	Selection of reference genes for quantitative real-time PCR analysis in canine mammary tumors using the GeNorm algorithm. <b>2006</b> , 43, 934-42	85
1373	Molecular analysis of circulating RNA in plasma. <b>2006</b> , 336, 123-34	19
1372	Quantification of Macrophage Viability and Inflammatory Response to Dental Bonding Resins. <b>2006</b> , 21, 185-206	2

1371	Limitations of commonly used internal controls for real-time RT-PCR analysis of renal epithelial-mesenchymal cell transition. <b>2006</b> , 102, e113-22	15
1370	Genomic DNA functions as a universal external standard in quantitative real-time PCR. <b>2006</b> , 34, e85	121
1369	Quantitative detection of <i>Corynebacterium casei</i> in cheese by real-time PCR. <b>2006</b> , 72, 6972-9	49
1368	Glycoprotein 340 in normal human ocular surface tissues and tear film. <b>2006</b> , 74, 4058-63	29
1367	Thiamine is synthesized by a salvage pathway in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> strain 3841. <b>2006</b> , 188, 6661-8	37
1366	Stability of housekeeping genes in alveolar macrophages from COPD patients. <b>2006</b> , 27, 300-6	53
1365	Transplantation Immunology. <b>2006</b> ,	1
1364	Altered monocyte cyclooxygenase response to lipopolysaccharide in type 1 diabetes. <b>2006</b> , 55, 3439-45	24
1363	Locked nucleic acid: high-affinity targeting of complementary RNA for RNomics. <b>2006</b> , 405-22	70
1362	Genomics basics: DNA structure, gene expression, cloning, genetic mapping, and molecular tests. <b>2006</b> , 10, 282-90	5
1361	Real-Time Quantitative PCR: Theory and Practice. <b>2006</b> ,	
1360	Developmental and embryo axis regulation of gibberellin biosynthesis during germination and young seedling growth of pea. <b>2006</b> , 142, 1267-81	20
1359	Time course of microbiologic outcome and gene expression in <i>Candida albicans</i> during and following in vitro and in vivo exposure to fluconazole. <b>2006</b> , 50, 1311-9	38
1358	Targeted gene-expression analysis by genome-controlled reverse transcription-PCR. <b>2006</b> , 52, 1988-96	4
1357	Diagnostic Bacteriology Protocols. <b>2006</b> ,	
1356	Dietary soy isoflavones inhibit estrogen effects in the postmenopausal breast. <b>2006</b> , 66, 1241-9	56
1355	Fluorescent Energy Transfer Nucleic Acid Probes. <b>2006</b> ,	1
1354	Real-time reverse transcription-PCR for transcriptional expression analysis of virulence and housekeeping genes in viable but nonculturable <i>Vibrio parahaemolyticus</i> after recovery of culturability. <b>2007</b> , 73, 5183-9	39

1353	Queen pheromone modulates brain dopamine function in worker honey bees. <b>2007</b> , 104, 2460-4	134
1352	Mitochondrial DNA replication during differentiation of murine embryonic stem cells. <b>2007</b> , 120, 4025-34	230
1351	Role of microsomal prostaglandin E synthase 1 in the kidney. <b>2007</b> , 18, 1466-75	51
1350	Dietary protein restriction of pregnant rats in the F0 generation induces altered methylation of hepatic gene promoters in the adult male offspring in the F1 and F2 generations. <b>2007</b> , 97, 435-9	379
1349	20 beta-hydroxysteroid dehydrogenase and CYP19A1 are differentially expressed during maturation in Atlantic cod ( <i>Gadus morhua</i> ). <i>Journal of Molecular Endocrinology</i> , <b>2007</b> , 39, 319-28	4·5 23
1348	High-sensitivity detection methods for low-abundance RNA species: applications for functional genomics research. <b>2007</b> , 7, 775-85	8
1347	Tesaglitazar, a PPARalpha/gamma agonist, induces interstitial mesenchymal cell DNA synthesis and fibrosarcomas in subcutaneous tissues in rats. <b>2007</b> , 98, 63-74	27
1346	Gene expression profiles of <i>Chlamydomonas pneumoniae</i> during the developmental cycle and iron depletion-mediated persistence. <b>2007</b> , 3, e83	67
1345	Quantitative Reverse Transcriptase Polymerase Chain Reaction. <b>2007</b> , 66-85	
1344	Insulin-like growth factor-1 receptor RNA expression in hematopoietic stem cell transplanted patients does not correlate with graft-versus-host disease. <b>2007</b> , 36, 493-506	1
1343	qPrimerDepot: a primer database for quantitative real time PCR. <b>2007</b> , 35, D805-9	137
1342	DNA supercoiling suppresses real-time PCR: a new approach to the quantification of mitochondrial DNA damage and repair. <b>2007</b> , 35, 1377-88	66
1341	Allelopathic Monoterpenes Interfere with <i>Arabidopsis thaliana</i> Cuticular Waxes and Enhance Transpiration. <b>2007</b> , 2, 231-9	25
1340	The expression of polymerase gamma and mitochondrial transcription factor A and the regulation of mitochondrial DNA content in mature human sperm. <b>2007</b> , 22, 1585-96	96
1339	Prostacyclin analogs inhibit fibroblast contraction of collagen gels through the cAMP-PKA pathway. <b>2007</b> , 37, 113-20	23
1338	Validation of endogenous control genes in human adipose tissue: relevance to obesity and obesity-associated type 2 diabetes mellitus. <b>2007</b> , 39, 495-500	87
1337	Which clinical and biological tumor markers proved predictive in the prospective multicenter trial HIT'91--implications for investigating childhood medulloblastoma. <b>2007</b> , 219, 312-7	15
1336	The CC chemokine ligand 2 (CCL2) mediates fibroblast survival through IL-6. <b>2007</b> , 37, 121-8	56

1335	Type I collagen glomerulopathy: postnatal collagen deposition follows glomerular maturation. <b>2007</b> , 71, 985-93	11
1334	Mycobacterial glycolipid trehalose 6,6'-dimycolate-induced hypersensitive granulomas: contribution of CD4+ lymphocytes. <b>2007</b> , 153, 3360-3369	36
1333	Thermodynamically modulated partially double-stranded linear DNA probe design for homogeneous real-time PCR. <b>2007</b> , 35, e101	41
1332	Anti-beta2GPI-antibody-induced endothelial cell gene expression profiling reveals induction of novel pro-inflammatory genes potentially involved in primary antiphospholipid syndrome. <b>2007</b> , 66, 1000-7	34
1331	Quantitative polymerase chain reaction. <b>2007</b> , 362, 349-62	19
1330	Mammary epithelial cells treated concurrently with TGF-alpha and TGF-beta exhibit enhanced proliferation and death. <b>2007</b> , 232, 1027-40	10
1329	Sex-dependent up-regulation of two splicing factors, Psf and Srp20, during hippocampal memory formation. <b>2007</b> , 14, 693-702	32
1328	Effects of fixation on RNA integrity in a liquid-based cervical cytology setting. <b>2008</b> , 61, 132-7	21
1327	Use of a cytokine gene expression signature in lung adenocarcinoma and the surrounding tissue as a prognostic classifier. <b>2007</b> , 99, 1257-69	110
1326	mRNA Quantitation Using Real Time PCR. <b>2007</b> , 53-72	
1325	Modulation of allergy incidence in icelandic horses is associated with a change in IL-4-producing T cells. <b>2007</b> , 144, 325-37	37
1324	Changes in expression of apoptosis-related genes are linked to the molecular response to imatinib treatment in chronic-phase chronic myeloid leukemia patients. <b>2007</b> , 117, 83-90	4
1323	Differential gene expression profiling of <i>Streptococcus mutans</i> cultured under biofilm and planktonic conditions. <b>2007</b> , 153, 1307-1317	106
1322	Development and validation of endogenous reference genes for expression profiling of medaka ( <i>Oryzias latipes</i> ) exposed to endocrine disrupting chemicals by quantitative real-time RT-PCR. <b>2007</b> , 95, 356-68	135
1321	Identification of reference genes for qRT-PCR studies of gene expression in giant cells and syncytia induced in <i>Arabidopsis thaliana</i> by <i>Meloidogyne incognita</i> and <i>Heterodera schachtii</i> . <b>2007</b> , 9, 317-323	25
1320	Metabolic plasticity during mammalian development is directionally dependent on early nutritional status. <b>2007</b> , 104, 12796-800	260
1319	The homeobox gene GAX activates p21WAF1/CIP1 expression in vascular endothelial cells through direct interaction with upstream AT-rich sequences. <b>2007</b> , 282, 507-17	30
1318	Spatial and temporal expression of <i>Lactobacillus plantarum</i> genes in the gastrointestinal tracts of mice. <b>2007</b> , 73, 124-32	103

1317	Isolation and characterization of putative <i>Pseudobutyrvibrio ruminis</i> promoters. <b>2007</b> , 153, 3071-3080	1
1316	Maternally derived transcripts: identification and characterisation during oocyte maturation and early cleavage. <b>2007</b> , 19, 25-34	20
1315	The Potential of Blood-Based Gene Profiling for Disease Assessment. 277-299	
1314	Molecular Technologies for Detecting and Characterizing Pathogens. 155-173	
1313	Decreased expression of tumor necrosis factor family receptors involved in humoral immune responses in preterm neonates. <b>2007</b> , 110, 2948-54	75
1312	Interleukin-21: an interleukin-2 dependent player in rejection processes. <b>2007</b> , 83, 1485-92	26
1311	PC cell-derived growth factor overexpression promotes proliferation and survival of laryngeal carcinoma. <b>2007</b> , 18, 29-40	12
1310	Induction of altered epigenetic regulation of the hepatic glucocorticoid receptor in the offspring of rats fed a protein-restricted diet during pregnancy suggests that reduced DNA methyltransferase-1 expression is involved in impaired DNA methylation and changes in histone modifications. <b>2007</b> , 97, 1064-73	476
1309	Novel methods of quantitative real-time PCR data analysis in a murine <i>Helicobacter pylori</i> vaccine model. <b>2007</b> , 25, 2919-29	21
1308	Lactoferrin enhanced efficacy of the BCG vaccine to generate host protective responses against challenge with virulent <i>Mycobacterium tuberculosis</i> . <b>2007</b> , 25, 6730-43	33
1307	Pro-inflammatory and antiviral cytokine expression in vaccinated and unvaccinated horses exposed to equine influenza virus. <b>2007</b> , 25, 7056-64	35
1306	Relative quantification and detection of different types of infectious bursal disease virus in bursa of Fabricius and cloacal swabs using real time RT-PCR SYBR green technology. <b>2007</b> , 82, 126-33	13
1305	Validation of endogenous reference genes for expression profiling of RAW264.7 cells infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> by quantitative PCR. <b>2007</b> , 115, 43-55	10
1304	Development and application of multiple internal reference (housekeeper) gene assays for accurate normalisation of canine gene expression studies. <b>2007</b> , 117, 55-66	148
1303	Validation of putative reference genes for qRT-PCR normalization in tissues and blood from pigs infected with <i>Actinobacillus pleuropneumoniae</i> . <b>2007</b> , 118, 140-6	24
1302	Stable transduction of bovine TLR4 and bovine MD-2 into LPS-nonresponsive cells and soluble CD14 promote the ability to respond to LPS. <b>2007</b> , 118, 92-104	26
1301	Reduced infection in mosquitoes exposed to blood meals containing previously frozen flaviviruses. <b>2007</b> , 129, 224-7	32
1300	Defense gene expression patterns of three SAR-induced tomato cultivars in the field. <b>2007</b> , 71, 192-200	36

1299	Prenatal exposure to the cannabinoid receptor agonist WIN 55,212-2 increases glutamate uptake through overexpression of GLT1 and EAAC1 glutamate transporter subtypes in rat frontal cerebral cortex. <b>2007</b> , 53, 369-78	46
1298	Altered muscle development and expression of the insulin-like growth factor system in growth retarded fetal pigs. <b>2007</b> , 32, 167-77	31
1297	Rapamycin stimulates arginine influx through CAT2 transporters in human endothelial cells. <b>2007</b> , 1768, 1479-87	20
1296	Methodologies, bioindicators, and biomarkers for assessing gender-related differences in wildlife exposed to environmental chemicals. <b>2007</b> , 104, 135-52	57
1295	Time-of-day affects expression of hippocampal markers for ischemic damage induced by global ischemia. <b>2007</b> , 208, 314-22	30
1294	Development of a qRT-PCR assay to determine the relative mRNA expression of two different trypsins in Atlantic cod ( <i>Gadus morhua</i> ). <b>2007</b> , 146, 26-34	6
1293	Gene expression analysis and classification of mode of toxicity of polycyclic aromatic hydrocarbons (PAHs) in <i>Escherichia coli</i> . <b>2007</b> , 66, 1243-8	18
1292	Cloning and characterisation of a prophenoloxidase from the haemocytes of mud crab <i>Scylla serrata</i> . <b>2007</b> , 31, 12-22	56
1291	Expression and characterisation of tiger shrimp <i>Penaeus monodon</i> penaeidin (mo-penaeidin) in various tissues, during early embryonic development and moulting stages. <b>2007</b> , 31, 132-42	23
1290	Molecular cloning and characterisation of a thioester-containing alpha2-macroglobulin (alpha2-M) from the haemocytes of mud crab <i>Scylla serrata</i> . <b>2007</b> , 22, 115-30	34
1289	Lysozyme gene expression by hemocytes of Pacific white shrimp, <i>Litopenaeus vannamei</i> , after injection with <i>Vibrio</i> . <b>2007</b> , 22, 327-39	94
1288	Glucocorticoids co-interact with lipoxin A4 via lipoxin A4 receptor (ALX) up-regulation. <b>2007</b> , 61, 81-5	29
1287	Comparison of 5-HT4 and 5-HT7 receptor expression and function in the circular muscle of the human colon. <b>2007</b> , 80, 1198-205	28
1286	Estimating amplification efficiency improves multiplex real-time PCR quantification of <i>Bacillus licheniformis</i> and <i>Bacillus subtilis</i> spores in animal feed. <b>2007</b> , 68, 588-95	15
1285	Use of the ITS primers, ITS1F and ITS4, to characterize fungal abundance and diversity in mixed-template samples by qPCR and length heterogeneity analysis. <b>2007</b> , 71, 7-14	164
1284	Changes in immune gene expression and resistance to bacterial infection in lobster ( <i>Homarus gammarus</i> ) post-larval stage VI following acute or chronic exposure to immune stimulating compounds. <b>2007</b> , 44, 443-50	29
1283	Molecular cloning and characterisation of a proteinase inhibitor, alpha 2-macroglobulin (alpha2-M) from the haemocytes of tiger shrimp <i>Penaeus monodon</i> . <b>2007</b> , 44, 1065-74	54
1282	Developmental lead exposure alters gene expression of metabotropic glutamate receptors in rat hippocampal neurons. <b>2007</b> , 413, 222-6	2

1281	Modulation of behavior and NMDA-R1 gene mRNA expression in adult female mice after sub-acute administration of benzo(a)pyrene. <b>2007</b> , 28, 630-6	67
1280	Telomerase activity of basal cell carcinoma in patients living in North Queensland, Australia. <b>2007</b> , 38, 1023-1029	5
1279	Induction of tissue factor expression and release as microparticles in ECV304 cell line by Chlamydia pneumoniae infection. <b>2007</b> , 190, 343-51	16
1278	Characterisation of recombinant CHO cell lines by investigation of protein productivities and genetic parameters. <b>2007</b> , 128, 716-25	44
1277	Real-time RT-PCR quantification of Kuruma shrimp transcripts: a comparison of relative and absolute quantification procedures. <b>2007</b> , 129, 391-9	62
1276	Housekeeping gene expression in bovine liver is affected by physiological state, feed intake, and dietary treatment. <b>2007</b> , 90, 2246-52	101
1275	Monoplex/multiplex linear-after-the-exponential-PCR assays combined with PrimeSafe and Dilute-'N'-Go sequencing. <b>2007</b> , 2, 2429-38	36
1274	Relationship Between Heart Damages and HSPs mRNA in Persistent Heat Stressed Broilers. <b>2007</b> , 6, 227-233	5
1273	Evaluation of small sample cDNA amplification for microdissected airway expression profiling in COPD. <b>2007</b> , 4, 91-105	7
1272	Neuroprotection Methods and Protocols. <b>2007</b> ,	
1271	Biomedical and Biotechnological Applications of Elastin-Like Polypeptides. <b>2007</b> , 47, 121-154	67
1270	Circadian Rhythms. <b>2007</b> ,	11
1269	Patch-Clamp Analysis. <b>2007</b> ,	16
1268	Fundamentals of Data Mining in Genomics and Proteomics. <b>2007</b> ,	69
1267	Introduction to Genomic and Proteomic Data Analysis. <b>2007</b> , 1-37	4
1266	Stem Cell Assays. <b>2007</b> ,	1
1265	Complementary techniques: validation of gene expression data by quantitative real time PCR. <b>2007</b> , 593, 66-73	84
1264	Microarray Technology and Cancer Gene Profiling. <b>2007</b> ,	4

1263	Molting in Salmonella enteritidis-challenged laying hens fed alfalfa crumbles. I. Salmonella enteritidis colonization and virulence gene hilA response. <b>2007</b> , 86, 1633-9	41
1262	An examination of the role of feeding regimens in regulating metabolism during the broiler breeder grower period. 1. Hepatic lipid metabolism. <b>2007</b> , 86, 1726-38	20
1261	Measurement of cardiac gene expression by reverse transcription polymerase chain reaction (RT-PCR). <b>2007</b> , 366, 109-19	
1260	Cardiac Gene Expression. <b>2007</b> ,	1
1259	Convenient Multiplex PCR Assays with IQ Multiplex Powermix. <b>2007</b> , 2007, pdb.prodprot22-pdb.prodprot22	
1258	Molecular Pathology in Clinical Practice. <b>2007</b> ,	3
1257	The GeneTrawler: mapping potential drug targets in human and rat tissues. <b>2007</b> , 11, 567-80	1
1256	Impact of extrinsic incubation temperature and virus exposure on vector competence of Culex pipiens quinquefasciatus Say (Diptera: Culicidae) for West Nile virus. <b>2007</b> , 7, 629-36	95
1255	Analytical validation of the Oncotype DX genomic diagnostic test for recurrence prognosis and therapeutic response prediction in node-negative, estrogen receptor-positive breast cancer. <b>2007</b> , 53, 1084-91	272
1254	[The profile of expression of transforming growth factor beta1 and TGFbetaRI, TGFbetaRII and TGFbetaRIII genes in nasal polyps]. <b>2007</b> , 61, 944-50	
1253	Human papillomavirus is a favourable prognostic factor in tonsillar cancer and its oncogenic role is supported by the expression of E6 and E7. <b>2007</b> , 1, 350-5	145
1252	AMPA receptor subunit and splice variant expression in the DLPFC of schizophrenic subjects and rhesus monkeys chronically administered antipsychotic drugs. <b>2007</b> , 90, 28-40	37
1251	In search of suitable reference genes for gene expression studies of human renal cell carcinoma by real-time PCR. <b>2007</b> , 8, 47	124
1250	Mechanisms of laser-induced dissection and transport of histologic specimens. <b>2007</b> , 93, 4481-500	59
1249	The Genetic Basis of Smoltification: Functional Genomics Tools Facilitate the Search for the Needle in the Haystack. 183-195	1
1248	Searching for the answer to irritable bowel syndrome in the colonic mucosa: SERTainty and unSERTainty. <b>2007</b> , 132, 437-41	12
1247	Total nucleic acid analysis integrated on microfluidic devices. <b>2007</b> , 7, 1413-23	159
1246	Principles of laser microdissection and catapulting of histologic specimens and live cells. <b>2007</b> , 82, 153-205	35

1245	Characterization of mRNA expression in single neurons. <b>2007</b> , 399, 133-52	13
1244	Measurement of blood E2F3 mRNA in prostate cancer by quantitative RT-PCR: a preliminary study. <b>2007</b> , 12, 541-57	13
1243	Advanced Techniques in Soil Microbiology. <b>2007</b> ,	6
1242	Tetrahymena metallothioneins fall into two discrete subfamilies. <b>2007</b> , 2, e291	61
1241	Evidence based selection of housekeeping genes. <b>2007</b> , 2, e898	527
1240	Tetraspanin CD9 is involved in the migration of retinal microvascular endothelial cells. <b>2007</b> ,	2
1239	Gene expression of 3beta-hydroxysteroid dehydrogenase and 17beta-hydroxysteroid dehydrogenase in relation to androstenone, testosterone, and estrone sulphate in gonadally intact male and castrated pigs. <b>2007</b> , 85, 2457-63	26
1238	Neonatal exposure to brominated flame retardant BDE-47 reduces long-term potentiation and postsynaptic protein levels in mouse hippocampus. <b>2007</b> , 115, 865-70	105
1237	Common and specific effects of the two major forms of prolactin in the rat testis. <b>2007</b> , 293, E1795-803	10
1236	. <b>2007</b> ,	2
1235	. <b>2007</b> ,	6
1234	. <b>2007</b> ,	2
1233	Localization, quantification, and characterization of tuftelin in soft tissues. <b>2007</b> , 290, 449-54	20
1232	Identification and expression analysis of an actin gene from the soft tick, Ornithodoros moubata (Acari: Argasidae). <b>2007</b> , 64, 186-99	16
1231	Gene transcription acceleration: main cause of hepatitis B surface antigen production improvement by dimethyl sulfoxide in the culture of Chinese hamster ovary cells. <b>2007</b> , 97, 526-35	20
1230	Preparation and PCR-amplification properties of a novel amphiphilic poly(N-vinylpyrrolidone) (PVP) copolymer. <b>2007</b> , 4, 163-74	17
1229	In vitro radiation-induced expression of XPC mRNA as a possible biomarker for developing adverse reactions during radiotherapy. <b>2007</b> , 121, 2340-5	23
1228	Expression patterns of the ATM gene in mammary tissues and their associations with breast cancer survival. <b>2007</b> , 109, 1729-35	37

1227	HMGA2 overexpression in non-small cell lung cancer. <b>2007</b> , 46, 503-11	130
1226	A plant lignan, 3'-O-methyl-nordihydroguaiaretic acid, suppresses papillomavirus E6 protein function, stabilizes p53 protein, and induces apoptosis in cervical tumor cells. <b>2007</b> , 46, 564-75	15
1225	Pathway and single gene analyses of inhibited Caco-2 differentiation by ascorbate-stabilized quercetin suggest enhancement of cellular processes associated with development of colon cancer. <b>2007</b> , 51, 1031-45	11
1224	Electrical stimulation based on chronaxie reduces atrogin-1 and myoD gene expressions in denervated rat muscle. <b>2007</b> , 35, 87-97	39
1223	1,25-dihydroxyvitamin D3 reverses experimental autoimmune encephalomyelitis by inhibiting chemokine synthesis and monocyte trafficking. <b>2007</b> , 85, 2480-90	130
1222	Influence of diamond powder particles on human gene expression. <b>2007</b> , 201, 6131-6135	42
1221	Real-time PCR: duplexing without optimization. <b>2007</b> , 360, 41-6	5
1220	Controlled adjustment of PCR amplification. <b>2007</b> , 369, 262-4	
1219	Techniques for biological characterization of tissue-engineered tendon and ligament. <b>2007</b> , 28, 187-202	90
1218	Absolute quantification of gene expression in biomaterials research using real-time PCR. <b>2007</b> , 28, 203-10	68
1217	Quantification of product-specific gene expression in biopellets of <i>Aspergillus niger</i> with real-time PCR. <b>2007</b> , 40, 653-660	4
1216	PRAME mRNA levels in cases with chronic leukemia: Clinical importance and review of the literature. <b>2007</b> , 31, 365-9	26
1215	Survivin and EPR-1 expression in acute leukemias: prognostic significance and review of the literature. <b>2007</b> , 31, 1495-501	22
1214	Identification and expression regulation of symbiotically activated legume genes. <b>2007</b> , 68, 8-18	56
1213	Analysis of multiple exon-skipping mRNA splice variants using SYBR Green real-time RT-PCR. <b>2007</b> , 160, 294-301	17
1212	Quantitative evaluation and selection of reference genes in mouse oocytes and embryos cultured in vivo and in vitro. <b>2007</b> , 7, 14	158
1211	Appropriate 'housekeeping' genes for use in expression profiling the effects of environmental estrogens in fish. <b>2007</b> , 8, 10	154
1210	Evaluation and validation of candidate endogenous control genes for real-time quantitative PCR studies of breast cancer. <b>2007</b> , 8, 107	72

1209	Characterization of EvaGreen and the implication of its physicochemical properties for qPCR applications. <b>2007</b> , 7, 76	175
1208	Safeners coordinately induce the expression of multiple proteins and MRP transcripts involved in herbicide metabolism and detoxification in <i>Triticum tauschii</i> seedling tissues. <b>2007</b> , 7, 1261-78	49
1207	Differential effect of growth factors on hyaluronan synthase gene expression in fibroblasts exposed to oxidative stress. <b>2007</b> , 72, 974-82, 4 p.	2
1206	Assessment of normalization strategies for quantitative RT-PCR using microdissected tissue samples. <b>2007</b> , 87, 951-62	34
1205	Expression of CYP3A isoforms and P-glycoprotein in human stomach, jejunum and ileum. <b>2007</b> , 34, 1138-44	68
1204	Reduced peripheral blood mitochondrial DNA content is not a risk factor for Type 2 diabetes. <b>2007</b> , 24, 784-7	15
1203	Heterologous microarray experiments used to identify the early gene response to heat stress in a coral reef fish. <b>2007</b> , 16, 1749-63	83
1202	Extracts from <i>Plastrum testudinis</i> promote proliferation of rat bone-marrow-derived mesenchymal stem cells. <b>2007</b> , 40, 196-212	42
1201	Assessment of real-time RT-PCR for quantification of <i>Lactobacillus plantarum</i> gene expression during stationary phase and nutrient starvation. <b>2008</b> , 104, 587-94	35
1200	The relationship between the effects of short-chain fatty acids on intestinal motility in vitro and GPR43 receptor activation. <b>2007</b> , 19, 66-74	120
1199	Symbiont-mediated changes in <i>Lolium arundinaceum</i> inducible defenses: evidence from changes in gene expression and leaf composition. <b>2007</b> , 176, 673-679	56
1198	Real-time PCR quantification of <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae) B-biotype remains in predator guts. <b>2007</b> , 7, 947-954	51
1197	Cytoskeleton and vesicle mobility in astrocytes. <b>2007</b> , 8, 12-20	138
1196	Evaluation of housekeeping genes in <i>Listeria monocytogenes</i> as potential internal control references for normalizing mRNA expression levels in stress adaptation models using real-time PCR. <b>2007</b> , 269, 265-72	93
1195	Latent transforming growth factor binding protein 4 (LTBP-4) is downregulated in human mammary adenocarcinomas in vitro and in vivo. <b>2007</b> , 115, 687-700	16
1194	Expression of cytochromes P450 3A and P-glycoprotein in human large intestine in paired tumour and normal samples. <b>2007</b> , 100, 240-8	25
1193	Validation of zebrafish ( <i>Danio rerio</i> ) reference genes for quantitative real-time RT-PCR normalization. <b>2007</b> , 39, 384-90	461
1192	Synergy between cucumber mosaic virus and zucchini yellow mosaic virus on Cucurbitaceae hosts tested by real-time reverse transcription-polymerase chain reaction. <b>2007</b> , 39, 431-7	19

1191	Evaluation of reference genes for real-time RT-PCR expression studies in the plant pathogen <i>Pectobacterium atrosepticum</i> . <b>2007</b> , 7, 50	102
1190	Statistical significance of quantitative PCR. <b>2007</b> , 8, 131	254
1189	Selection of DDX5 as a novel internal control for Q-RT-PCR from microarray data using a block bootstrap re-sampling scheme. <b>2007</b> , 8, 140	241
1188	Validation of endogenous controls for quantitative gene expression analysis: application on brain cortices of human chronic alcoholics. <b>2007</b> , 1132, 20-8	46
1187	Glutamate receptor subunit expression in the rhesus macaque locus coeruleus. <b>2007</b> , 1173, 53-65	12
1186	Expression of lipogenic enzymes in chickens. <b>2007</b> , 147, 215-22	6
1185	Inhibition of avian metapneumovirus (AMPV) replication by RNA interference targeting nucleoprotein gene (N) in cultured cells. <b>2007</b> , 74, 77-81	15
1184	Differential expression and regulation of gonadotropins and their receptors in the Japanese eel, <i>Anguilla japonica</i> . <b>2007</b> , 154, 161-73	58
1183	Bluetongue virus detection by two real-time RT-qPCRs targeting two different genomic segments. <b>2007</b> , 140, 115-23	250
1182	Detection and quantitation of <i>Solenopsis invicta</i> virus in fire ants by real-time PCR. <b>2007</b> , 140, 132-9	18
1181	Evaluation of performance across the dynamic range of the Abbott RealTime HIV-1 assay as compared to VERSANT HIV-1 RNA 3.0 and AMPLICOR HIV-1 MONITOR v1.5 using serial dilutions of 39 group M and O viruses. <b>2007</b> , 141, 49-57	47
1180	Quantitative multiplex assay for simultaneous detection of the Indiana serotype of vesicular stomatitis virus and HIV gag. <b>2007</b> , 143, 55-64	9
1179	Partially double-stranded linear DNA probes: novel design for sensitive detection of genetically polymorphic targets. <b>2007</b> , 144, 1-11	16
1178	A real-time RT-PCR assay for detection and absolute quantitation of Citrus tristeza virus in different plant tissues. <b>2007</b> , 145, 96-105	70
1177	A new fluorescent quantitative PCR-based in vitro neutralization assay for white spot syndrome virus. <b>2007</b> , 146, 96-103	19
1176	Multiplex real-time RT-PCR for the simultaneous detection and quantification of transmissible gastroenteritis virus and porcine epidemic diarrhea virus. <b>2007</b> , 146, 172-7	96
1175	A RealTime HIV-1 viral load assay for automated quantitation of HIV-1 RNA in genetically diverse group M subtypes A-H, group O and group N samples. <b>2007</b> , 146, 236-45	71
1174	Chromosome dosage as a life span determinant in <i>Caenorhabditis elegans</i> . <b>2007</b> , 128, 437-43	4

1173	Calcium dependent and independent cytokine synthesis by air pollution particle-exposed human bronchial epithelial cells. <b>2007</b> , 225, 134-41	23
1172	Instability of BCR-ABL gene in primary and cultured chronic myeloid leukemia stem cells. <b>2007</b> , 99, 680-93	112
1171	A quantitative real-time polymerase chain reaction method for the analysis of vitellogenin transcripts in model and nonmodel fish species. <b>2007</b> , 26, 2679-86	26
1170	Impact of in vitro production techniques on the expression of X-linked genes in bovine (bos taurus) oocytes and pre-attachment embryos. <b>2007</b> , 74, 144-53	15
1169	FOXP3 expression in peripheral blood rapidly recovers and lacks correlation with the occurrence of graft-versus-host disease after allogeneic stem cell transplantation. <b>2007</b> , 85, 154-62	26
1168	Influence of wine fermentation temperature on the synthesis of yeast-derived volatile aroma compounds. <b>2007</b> , 77, 675-87	169
1167	Characterization of the gene Mre11 and evidence of silencing after polyploidization in Triticum. <b>2007</b> , 114, 985-99	9
1166	Species-specific expression of major urinary proteins in the house mice (Mus musculus musculus and Mus musculus domesticus). <b>2007</b> , 33, 861-9	44
1165	Molecular cloning of myostatin gene and characterization of tissue-specific and developmental stage-specific expression of the gene in orange spotted grouper, Epinephelus coioides. <b>2007</b> , 9, 20-32	29
1164	Psoriasin (S100A7) is significantly up-regulated in human epithelial skin tumours. <b>2007</b> , 133, 253-61	66
1163	Expression of mRNA encoding G protein-coupled receptors involved in congestive heart failure--a quantitative RT-PCR study and the question of normalisation. <b>2007</b> , 102, 198-208	33
1162	Successful RNA extraction from various human postmortem tissues. <b>2007</b> , 121, 136-42	74
1161	Estrogenic regulation of gene and protein expression within the amygdala of female mice. <b>2007</b> , 32, 271-9	9
1160	Effects of aging, dietary restriction and glucocorticoid treatment on housekeeping gene expression in rat cortex and hippocampus-evaluation by real time RT-PCR. <b>2007</b> , 32, 38-46	79
1159	Molecular pathways associated with stress resilience and drug resistance in the chronic mild stress rat model of depression: a gene expression study. <b>2007</b> , 33, 201-15	103
1158	Characterization of rsmC as a potential reference gene for Salmonella Typhimurium gene expression during growth in spent media. <b>2007</b> , 1, 99-103	8
1157	Isolation of outer hair cells from the cochlear sensory epithelium in whole-mount preparation using laser capture microdissection. <b>2007</b> , 162, 229-36	9
1156	Molecular characterization of a retrotransposon in the Rhynchosciara americana genome and its association with telomere. <b>2008</b> , 16, 729-42	7

1155	Conifer WOX-related homeodomain transcription factors, developmental consideration and expression dynamic of WOX2 during <i>Picea abies</i> somatic embryogenesis. <b>2008</b> , 66, 533-49	72
1154	The antioxidant effect exerted by TGF-1beta-stimulated hyaluronan production reduced NF-kB activation and apoptosis in human fibroblasts exposed to FeSo4 plus ascorbate. <b>2008</b> , 311, 167-77	16
1153	Investigation of the mechanisms of tissue factor-mediated evasion of tumour cells from cellular cytotoxicity. <b>2008</b> , 57, 1347-55	5
1152	Selection of the internal control gene for real-time quantitative rt-PCR assays in temperature treated <i>Leptospira</i> . <b>2008</b> , 56, 539-46	25
1151	Trichoderma G protein-coupled receptors: functional characterisation of a cAMP receptor-like protein from <i>Trichoderma atroviride</i> . <b>2008</b> , 54, 283-99	55
1150	Silencing of UBP43 by shRNA enhances the antiviral activity of interferon against hepatitis B virus. <b>2008</b> , 23, 339-344	
1149	Comparison of manual and automatic (Magna Pure) isolation methods of total RNA from adipose tissue. <b>2008</b> , 38, 195-201	3
1148	Gene expression of a green fluorescent protein homolog as a host-specific biomarker of heat stress within a reef-building coral. <b>2008</b> , 10, 166-80	61
1147	Expression of the SST receptor 2 in uveal melanoma is not a prognostic marker. <b>2008</b> , 246, 1585-92	3
1146	Subunits alpha, beta and gamma of the epithelial Na <sup>+</sup> channel (ENaC) are functionally related to the hypertonicity-induced cation channel (HICC) in rat hepatocytes. <b>2008</b> , 455, 1089-95	20
1145	Sensors for detecting biological agents. <b>2008</b> , 11, 38-49	79
1144	Identification of importin 8 (IPO8) as the most accurate reference gene for the clinicopathological analysis of lung specimens. <b>2008</b> , 9, 103	35
1143	Housekeeping genes for quantitative expression studies in the three-spined stickleback <i>Gasterosteus aculeatus</i> . <b>2008</b> , 9, 18	81
1142	Identification of valid reference genes for the normalization of RT qPCR gene expression data in human brain tissue. <b>2008</b> , 9, 46	82
1141	Validation of internal control for gene expression study in soybean by quantitative real-time PCR. <b>2008</b> , 9, 59	311
1140	Identification of suitable endogenous control genes for microRNA gene expression analysis in human breast cancer. <b>2008</b> , 9, 76	202
1139	RU486 did not exacerbate cytokine release in mice challenged with LPS nor in db/db mice. <b>2008</b> , 8, 7	10
1138	Visual sensitivities tuned by heterochronic shifts in opsin gene expression. <b>2008</b> , 6, 22	114

1137	Genomic selection of reference genes for real-time PCR in human myocardium. <b>2008</b> , 1, 64	37
1136	Determination of protein and RNA expression levels of common housekeeping genes in a mouse model of neurodegeneration. <b>2008</b> , 8, 4338-43	22
1135	Both beta-actin and GAPDH are useful reference genes for normalization of quantitative RT-PCR in human FFPE tissue samples of prostate cancer. <b>2008</b> , 68, 1555-60	87
1134	Retinal removal up-regulates cannabinoid CB(1) receptors in the chick optic tectum. <b>2008</b> , 86, 1626-34	13
1133	Validation of internal control genes for expression studies: effects of the neurotrophin BDNF on hippocampal neurons. <b>2008</b> , 86, 3684-92	53
1132	Concurrent differentiation of marrow stromal cells to osteogenic and vasculogenic lineages. <b>2008</b> , 8, 499-507	27
1131	NF- $\kappa$ B and caspases are involved in the hyaluronan and chondroitin-4-sulphate-exerted antioxidant effect in fibroblast cultures exposed to oxidative stress. <b>2008</b> , 28, 509-17	30
1130	Material properties and bone marrow stromal cells response to in situ crosslinkable RGD-functionized lactide-co-glycolide scaffolds. <b>2009</b> , 89, 124-37	17
1129	Single nucleotide polymorphisms 5' upstream the coding region of the NEIL2 gene influence gene transcription levels and alter levels of genetic damage. <b>2008</b> , 47, 923-32	14
1128	In search of the psychosis gene in people with Prader-Willi syndrome. <b>2008</b> , 146A, 843-53	29
1127	Utilization of a two-standard system in real-time PCR for quantification of gene expression in the brain. <b>2008</b> , 170, 197-203	57
1126	The influence of proepicardial cells on the osteogenic potential of marrow stromal cells in a three-dimensional tubular scaffold. <b>2008</b> , 29, 2203-16	26
1125	External cell control polymerase chain reaction: replacing internal standards with an unbiased strategy for quantitative polymerase chain reaction normalization. <b>2008</b> , 372, 261-3	2
1124	Quantification of rRNA in Escherichia coli using capillary gel electrophoresis with laser-induced fluorescence detection. <b>2008</b> , 374, 79-86	8
1123	Improved normalization of real-time reverse transcriptase polymerase chain reaction data using an external RNA control. <b>2008</b> , 376, 83-93	53
1122	Gene expression analysis of interferon kappa in laser capture microdissected cervical epithelium. <b>2008</b> , 381, 59-66	15
1121	Peptide-based Biopolymers in Biomedicine and Biotechnology. <b>2008</b> , 62, 125-155	229
1120	Enhancement of Bovine oocyte maturation by leptin is accompanied by an upregulation in mRNA expression of leptin receptor isoforms in cumulus cells. <b>2008</b> , 75, 578-87	43

1119	Statistical methods for efficiency adjusted real-time PCR quantification. <b>2008</b> , 3, 112-23	155
1118	Afcwh41 is required for cell wall synthesis, conidiation, and polarity in <i>Aspergillus fumigatus</i> . <b>2008</b> , 289, 155-65	20
1117	Individual differences in allocation of funds in the dictator game associated with length of the arginine vasopressin 1a receptor RS3 promoter region and correlation between RS3 length and hippocampal mRNA. <b>2008</b> , 7, 266-75	263
1116	Reliability for detecting composition and changes of microbial communities by T-RFLP genetic profiling. <b>2008</b> , 63, 249-60	66
1115	Genomic analysis of the HER2/TOP2A amplicon in breast cancer and breast cancer cell lines. <b>2008</b> , 88, 491-503	116
1114	The antioxidant activity of chondroitin-4-sulphate, in carbon tetrachloride-induced acute hepatitis in mice, involves NF-kappaB and caspase activation. <b>2008</b> , 155, 945-56	45
1113	Determination of DNA polymerase and nuclease activities of DNA-dependent polymerases using fluorescence detection under real-time conditions. <b>2008</b> , 73, 1007-17	1
1112	Monitoring of RNA clearance in a novel plasmid DNA purification process. <b>2005</b> , 21, 1213-9	5
1111	Quantification of VEGF-C expression in canine mammary tumours. <b>2008</b> , 86, 279-82	11
1110	Energy restriction enhances therapeutic efficacy of the PPARgamma agonist, rosiglitazone, through regulation of visceral fat gene expression. <b>2008</b> , 10, 251-63	7
1109	Bleaching and stress in coral reef ecosystems: hsp70 expression by the giant barrel sponge <i>Xestospongia muta</i> . <b>2008</b> , 17, 1840-9	82
1108	Changes in selected stress and immune-related genes in Atlantic cod, <i>Gadus morhua</i> , following overcrowding. <b>2008</b> , 39, 1533-1540	51
1107	Loss of cytosolic fructose-1,6-bisphosphatase limits photosynthetic sucrose synthesis and causes severe growth retardations in rice ( <i>Oryza sativa</i> ). <b>2008</b> , 31, 1851-63	60
1106	Differential CXC receptor expression in colorectal carcinomas. <b>2008</b> , 68, 635-44	34
1105	Seasonal changes in CRF-I and urotensin I transcript levels in masu salmon: correlation with cortisol secretion during spawning. <b>2008</b> , 155, 126-40	37
1104	Highly accurate sigmoidal fitting of real-time PCR data by introducing a parameter for asymmetry. <b>2008</b> , 9, 221	92
1103	A new real-time PCR method to overcome significant quantitative inaccuracy due to slight amplification inhibition. <b>2008</b> , 9, 326	114
1102	Simultaneous fitting of real-time PCR data with efficiency of amplification modeled as Gaussian function of target fluorescence. <b>2008</b> , 9, 95	15

1101	Sequence polymorphism can produce serious artefacts in real-time PCR assays: hard lessons from Pacific oysters. <b>2008</b> , 9, 234	23
1100	Diagnostic utility of LunX mRNA in peripheral blood and pleural fluid in patients with primary non-small cell lung cancer. <b>2008</b> , 8, 156	35
1099	ELR+ CXC chemokine expression in benign and malignant colorectal conditions. <b>2008</b> , 8, 178	48
1098	Identification of genes for normalization of real-time RT-PCR data in breast carcinomas. <b>2008</b> , 8, 20	76
1097	Growth and genetic responses of Salmonella Typhimurium to pH-shifts in an anaerobic continuous culture. <b>2008</b> , 14, 35-42	15
1096	Effect of gastro-intestinal conditions on the growth of Enterococcus mundtii ST4SA, and production of bacteriocin ST4SA recorded by real-time PCR. <b>2008</b> , 123, 277-80	19
1095	Ionotropic glutamate receptor mRNA expression in the human thalamus: absence of change in schizophrenia. <b>2008</b> , 1214, 23-34	24
1094	Short term changes in the expression of lipogenic genes in broilers (Gallus gallus). <b>2008</b> , 149, 389-95	7
1093	Short-term overcrowding of Atlantic cod, Gadus morhua: effects on serum-mediated antibacterial activity and transcription of glucose transport and antioxidant defense related genes. <b>2008</b> , 151, 560-5	37
1092	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
1091	Chondroitin-4-sulphate inhibits NF-kB translocation and caspase activation in collagen-induced arthritis in mice. <b>2008</b> , 16, 1474-83	38
1090	Detection and quantification of infectious hematopoietic necrosis virus in rainbow trout (Oncorhynchus mykiss) by SYBR Green real-time reverse transcriptase-polymerase chain reaction. <b>2008</b> , 147, 157-66	19
1089	Detection and quantitation of infectious pancreatic necrosis virus by real-time reverse transcriptase-polymerase chain reaction using lethal and non-lethal tissue sampling. <b>2008</b> , 147, 226-34	57
1088	Rapid detection of a highly virulent Chinese-type isolate of Porcine Reproductive and Respiratory Syndrome Virus by real-time reverse transcriptase PCR. <b>2008</b> , 149, 49-55	19
1087	Multiplex real-time PCR for the detection and quantification of latent and persistent viral genomes in cellular or plasma blood fractions. <b>2008</b> , 151, 47-54	31
1086	Development of a Taqman RT-PCR assay for the detection and quantification of negatively stranded RNA of human enteroviruses: evidence for false-priming and improvement by tagged RT-PCR. <b>2008</b> , 153, 182-9	23
1085	Quantitative PCR measurements of the effects of introducing inosines into primers provides guidelines for improved degenerate primer design. <b>2008</b> , 153, 97-103	13
1084	Absolute quantitation of infectious salmon anaemia virus using different real-time reverse transcription PCR chemistries. <b>2008</b> , 154, 128-34	16

1083	Analysis of Deep Subsurface Microbial Communities by Functional Genes and Genomics. <b>2008</b> , 159-176	5
1082	Quantitative reverse transcriptase real-time polymerase chain reaction (qRT-PCR) in translational oncology: lung cancer perspective. <b>2008</b> , 59, 147-54	21
1081	Complexation of retroviruses with polymers significantly increases the number of genes transferred to murine embryonic stem cells, but does not raise transgene expression levels. <b>2008</b> , 51, 141-51	3
1080	Characterization of housekeeping genes in zebrafish: male-female differences and effects of tissue type, developmental stage and chemical treatment. <b>2008</b> , 9, 102	423
1079	Improved determination of plasmid copy number using quantitative real-time PCR for monitoring fermentation processes. <b>2008</b> , 7, 6	101
1078	Reference gene selection for real-time rtPCR in human epidermal keratinocytes. <b>2008</b> , 49, 217-25	31
1077	Investigating regulatory factors and their DNA binding affinities through real time quantitative PCR (RT-QPCR) and chromatin immunoprecipitation (ChIP) assays. <b>2008</b> , 87, 367-89	18
1076	Current research in soil invertebrate ecotoxicogenomics. <b>2008</b> , 2, 133-326	6
1075	Microarrays as Tools to Decipher Transcriptomes in Symbiotic Interactions. 137-162	
1074	Quantification of mRNA Using Real Time RT-PCR. <b>2008</b> , 149-168	2
1073	Prenatal diagnosis. Preface. <b>2008</b> , 444, v-vi	3
1072	In-house HIV-1 RNA real-time RT-PCR assays: principle, available tests and usefulness in developing countries. <b>2008</b> , 8, 635-50	15
1071	Cloning of chicken 11beta-hydroxysteroid dehydrogenase type 1 and its tissue distribution. <b>2008</b> , 111, 217-24	10
1070	Up-regulation of interleukin-10 mRNA expression in peripheral leukocytes predicts poor outcome and diminished human leukocyte antigen-DR expression on monocytes in septic patients. <b>2008</b> , 147, 1-8	31
1069	Accuracy of a routine real-time PCR assay for the diagnosis of <i>Pneumocystis jirovecii</i> pneumonia. <b>2008</b> , 75, 258-61	54
1068	Detection of spliced and unspliced forms of germline TCR-Vbeta transcripts in extrathymic lymphoid sites. <b>2008</b> , 45, 1099-111	3
1067	VIP reverses the expression profiling of TLR4-stimulated signaling pathway in rheumatoid arthritis synovial fibroblasts. <b>2008</b> , 45, 3065-73	40
1066	Tissue factor-containing microparticles released from mesangial cells in response to high glucose and AGE induce tube formation in microvascular cells. <b>2008</b> , 76, 152-60	35

1065	Comparison of the time courses of selective gene expression and dopaminergic depletion induced by MPP+ in MN9D cells. <b>2008</b> , 52, 1037-43	12
1064	Sensitivity of housekeeping genes in the hypothalamus to mismatch in diets between pre- and postnatal periods in mice. <b>2008</b> , 447, 54-7	12
1063	Pulsed expression of growth hormone mRNA in the pituitary of juvenile Pacific bluefin tuna under aquacultured conditions. <b>2008</b> , 281, 158-161	9
1062	Hepatic gene expression profiling using GeneChips in zebrafish exposed to 17alpha-methyldihydrotestosterone. <b>2008</b> , 87, 69-80	48
1061	Transforming growth factor beta isoforms (TGF-beta1, TGF-beta2, TGF-beta3) messenger RNA expression in laryngeal cancer. <b>2008</b> , 29, 233-7	10
1060	C6 glioma cells differentiated by retinoic acid overexpress the glutamate transporter excitatory amino acid carrier 1 (EAAC1). <b>2008</b> , 151, 1042-52	36
1059	Adaptive upregulation of gastric and hypothalamic ghrelin receptors and increased plasma ghrelin in a model of cancer chemotherapy-induced dyspepsia. <b>2008</b> , 148, 33-8	23
1058	Proenkephalin expression and enkephalin release are widely observed in non-neuronal tissues. <b>2008</b> , 29, 83-92	84
1057	VIP balances innate and adaptive immune responses induced by specific stimulation of TLR2 and TLR4. <b>2008</b> , 29, 948-56	41
1056	Sex, but not maternal protein or folic acid intake, determines the fatty acid composition of hepatic phospholipids, but not of triacylglycerol, in adult rats. <b>2008</b> , 78, 73-9	46
1055	In vitro and in vivo quantification of elicitin expression in <i>Phytophthora cinnamomi</i> . <b>2008</b> , 73, 48-57	20
1054	Quantitative real-time RT-PCR measurement of cytokine mRNA expression in the skin of normal cats and cats with allergic skin disease. <b>2008</b> , 122, 216-30	24
1053	Identification and validation of housekeeping genes as internal control for gene expression in an intravenous LPS inflammation model in chickens. <b>2008</b> , 122, 312-7	118
1052	Chicken 11beta-hydroxysteroid dehydrogenase type 2: partial cloning and tissue distribution. <b>2008</b> , 73, 348-55	13
1051	Depressed DHEA and increased sickness response behaviors in lame dairy cows with inflammatory foot lesions. <b>2008</b> , 34, 89-99	58
1050	alpha-Tocopherol disturbs macrophage LXRA regulation of ABCA1/G1 and cholesterol handling. <b>2008</b> , 369, 868-72	26
1049	Selecting a set of housekeeping genes for quantitative real-time PCR in normal and tetraploid haemocytes of soft-shell clams, <i>Mya arenaria</i> . <b>2008</b> , 25, 202-7	35
1048	Two new members of the <i>Tetrahymena</i> multi-stress-inducible metallothionein family: characterization and expression analysis of <i>T. rostrata</i> Cd/Cu metallothionein genes. <b>2008</b> , 423, 85-91	16

1047	Evaluation of reference genes for quantitative real-time PCR to investigate protein disulfide isomerase transcription pattern in the bovine lungworm <i>Dictyocaulus viviparus</i> . <b>2008</b> , 425, 36-43	50
1046	Molecular cloning and phylogenetic analysis on alpha2-macroglobulin (alpha2-M) of white shrimp <i>Litopenaeus vannamei</i> . <b>2008</b> , 32, 317-29	43
1045	Identification and phylogenetic analysis on lipopolysaccharide and beta-1,3-glucan binding protein (LGBP) of kuruma shrimp <i>Marsupenaeus japonicus</i> . <b>2008</b> , 32, 1260-9	75
1044	Expression of clottable protein of tiger shrimp ( <i>Penaeus monodon</i> ) in gonads and its possible role as nutrient source for the embryo. <b>2008</b> , 32, 1422-9	7
1043	Stability of reference genes for real-time PCR analyses in channel catfish ( <i>Ictalurus punctatus</i> ) tissues under varying physiological conditions. <b>2008</b> , 151, 296-304	93
1042	Comparison of two real-time reverse transcription polymerase chain reaction assays for the detection of Equine arteritis virus nucleic acid in equine semen and tissue culture fluid. <b>2008</b> , 20, 147-55	27
1041	Conventional and real-time PCR-based species identification and diversity of potato cyst nematodes ( <i>Globodera</i> spp.) from Victoria, Australia. <b>2008</b> , 10, 471-478	16
1040	Gene Expression: Basic Concepts. <b>2008</b> , 1	
1039	Selection of endogenous control genes for normalization of gene expression analysis after experimental brain trauma in mice. <b>2008</b> , 25, 785-94	61
1038	A method to increase efficiency in testing pooled field-collected mosquitoes. <b>2008</b> , 24, 311-4	13
1037	Measuring mRNA stability during early <i>Drosophila</i> embryogenesis. <b>2008</b> , 448, 299-334	6
1036	Mutation of the plastidial alpha-glucan phosphorylase gene in rice affects the synthesis and structure of starch in the endosperm. <b>2008</b> , 20, 1833-49	187
1035	A microarray approach for systematic identification of placental-derived RNA markers in maternal plasma. <b>2008</b> , 444, 275-89	9
1034	Chondroitin-4-sulphate reduced oxidative injury in caerulein-induced pancreatitis in mice: the involvement of NF-kappaB translocation and apoptosis activation. <b>2008</b> , 233, 741-52	14
1033	Exercise enhances myocardial ischemic tolerance via an opioid receptor-dependent mechanism. <b>2008</b> , 294, H402-8	54
1032	A gender-specific retinoblastoma-related protein in <i>Volvox carteri</i> implies a role for the retinoblastoma protein family in sexual development. <b>2008</b> , 20, 2399-419	28
1031	A three-dimensional tubular scaffold that modulates the osteogenic and vasculogenic differentiation of rat bone marrow stromal cells. <b>2008</b> , 14, 491-504	28
1030	Plasma membrane Ca-ATPase isoform expression in human cataractous lenses compared to age-matched clear lenses. <b>2008</b> , 40, 86-93	12

1029	Regulation of angiogenesis through a microRNA (miR-130a) that down-regulates antiangiogenic homeobox genes GAX and HOXA5. <b>2008</b> , 111, 1217-26	385
1028	Promoting basal levels of autophagy in the nervous system enhances longevity and oxidant resistance in adult <i>Drosophila</i> . <b>2008</b> , 4, 176-84	495
1027	Real-Time PCR as a Tool to Study Weed Biology. <b>2008</b> , 56, 290-296	22
1026	Regulation of endocrine and paracrine sources of Igfs and Gh receptor during compensatory growth in hybrid striped bass ( <i>Morone chrysops</i> X <i>Morone saxatilis</i> ). <b>2008</b> , 199, 81-94	75
1025	Characterization of a tobacco TPK-type K <sup>+</sup> channel as a novel tonoplast K <sup>+</sup> channel using yeast tonoplasts. <b>2008</b> , 283, 1911-20	61
1024	Alpha1 soluble guanylyl cyclase (sGC) splice forms as potential regulators of human sGC activity. <b>2008</b> , 283, 15104-13	42
1023	CpG drives human transitional B cells to terminal differentiation and production of natural antibodies. <b>2008</b> , 180, 800-8	181
1022	Germination of photoblastic lettuce seeds is regulated via the control of endogenous physiologically active gibberellin content, rather than of gibberellin responsiveness. <b>2008</b> , 59, 3383-93	38
1021	The effects of CO <sub>2</sub> and external buffering on ammonia excretion and Rhesus glycoprotein mRNA expression in rainbow trout. <b>2008</b> , 211, 3226-36	48
1020	Neutrophil granulocytes uniquely express, among human blood cells, high levels of Methionine-sulfoxide-reductase enzymes. <b>2008</b> , 83, 181-9	21
1019	Gene expression changes of prostanoid synthases in endothelial cells and prostanoid receptors in vascular smooth muscle cells caused by aging and hypertension. <b>2008</b> , 32, 409-18	136
1018	Salinity regulates claudin mRNA and protein expression in the teleost gill. <b>2008</b> , 294, R1004-14	52
1017	Cloning and expression of PKG, a candidate foraging regulating gene in <i>Vespula vulgaris</i> . <b>2008</b> , 58, 341-351	25
1016	Meristem identity gene expression during curd proliferation and flower initiation in <i>Brassica oleracea</i> . <b>2008</b> , 59, 421-33	26
1015	Prostacyclin analogs stimulate VEGF production from human lung fibroblasts in culture. <b>2008</b> , 294, L1226-32	29
1014	Molecular diagnosis of sentinel lymph node metastases in cervical cancer using squamous cell carcinoma antigen. <b>2008</b> , 14, 5571-8	18
1013	Isolation and analysis of differentially expressed genes in <i>Penicillium glabrum</i> subjected to thermal stress. <b>2008</b> , 154, 3752-3765	16
1012	Gene Expression Analysis in Superficial Bladder Cancer: Comparison of Two Suitable Endogenous Reference Genes. <b>2008</b> , 1, 145-150	7

1011	Real-time PCR quantification of human telomerase reverse transcriptase (hTERT) in colorectal cancer. <b>2008</b> , 40, 25-30	31
1010	Role of xanthine oxidase activation and reduced glutathione depletion in rhinovirus induction of inflammation in respiratory epithelial cells. <b>2008</b> , 283, 28595-606	44
1009	Purified human plasma glycosaminoglycans reduced NF-kappaB activation, pro-inflammatory cytokine production and apoptosis in LPS-treated chondrocytes. <b>2008</b> , 14, 233-46	19
1008	Influence of exogenous tissue factor on estrogen receptor alpha expression in breast cancer cells: involvement of beta1-integrin, PAR2, and mitogen-activated protein kinase activation. <b>2008</b> , 6, 1807-18	15
1007	Adipose tissue lipin-1 expression is correlated with peroxisome proliferator-activated receptor alpha gene expression and insulin sensitivity in healthy young men. <b>2008</b> , 93, 233-9	55
1006	The type B phosphatidylinositol-4-phosphate 5-kinase 3 is essential for root hair formation in <i>Arabidopsis thaliana</i> . <b>2008</b> , 20, 124-41	153
1005	Oxytocin and vasopressin gene expression and RNA splicing patterns in the rat supraoptic nucleus. <b>2008</b> , 35, 231-42	12
1004	Chapter 3. Assays of adenylate uridylate-rich element-mediated mRNA decay in cells. <b>2008</b> , 449, 47-71	23
1003	Chapter 5. In vivo analysis of the decay of transcripts generated by cytoplasmic RNA viruses. <b>2008</b> , 449, 97-123	3
1002	Identification and characterization of ADNT1, a novel mitochondrial adenine nucleotide transporter from <i>Arabidopsis</i> . <b>2008</b> , 148, 1797-808	50
1001	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <b>2008</b> , 99 E Suppl 1, ES3-52	86
1000	Expression of adenosine A 2A receptors in the rat lumbar spinal cord and implications in the modulation of N-methyl-d-aspartate receptor currents. <b>2008</b> , 106, 1882-9	15
999	Microarrays in Systems Neurobiology and Translational Neuroscience [From Genome Research to Clinical Applications. 1-34	
998	Técnicas moleculares aplicadas a microbiología de alimentos. <b>2008</b> , 30,	3
997	Effects of avilamycin and essential oils on mRNA expression of apoptotic and inflammatory markers and gut morphology of piglets. <b>2008</b> , 53, 377-387	35
996	Twenty-five years of quantitative PCR for gene expression analysis. <b>2008</b> , 44, 619-26	790
995	Miniaturized polymerase chain reaction for quantitative clinical diagnostics. 88-109	
994	The road from qualitative to quantitative assay: What is next?. 110-128	

993	Noninvasive prenatal diagnosis using cell-free fetal nucleic acids in maternal plasma. 243-253	
992	Development of a quantitative real-time RT-PCR for kinetic analysis of immediate-early transcripts of rat cytomegalovirus. <b>2009</b> , 53, 261-9	4
991	Examination of myosin heavy chain isoform expression in ovine skeletal muscles. <b>2009</b> , 87, 3915-22	24
990	The subtle effects of sea water acidification on the amphipod <i>Gammarus locusta</i>. <b>2009</b> , 6, 1479-1489	41
989	Identification of novel reference genes using multiplatform expression data and their validation for quantitative gene expression analysis. <b>2009</b> , 4, e6162	83
988	PPM1D is a potential therapeutic target in ovarian clear cell carcinomas. <b>2009</b> , 15, 2269-80	128
987	Performance Assessment of Bioremediation and Natural Attenuation. <b>2009</b> , 39, 209-270	51
986	Design and optimization of reverse-transcription quantitative PCR experiments. <b>2009</b> , 55, 1816-23	82
985	Adipose tissue collagen VI in obesity. <b>2009</b> , 94, 5155-62	218
984	Quantitative polymerase chain reaction (PCR) assays for a bacterial thiaminase I gene and the thiaminase-producing bacterium <i>Paenibacillus thiaminolyticus</i> . <b>2009</b> , 21, 229-38	4
983	Effects of interferon- $\gamma$ on the inflammatory response of swine peripheral blood mononuclear cells. <b>2009</b> , 29, 241-7	10
982	Leydig cells express follicle-stimulating hormone receptors in African catfish. <b>2009</b> , 150, 357-65	78
981	New insights into the biology of meat quality from genomic and proteomic perspectives, with particular emphasis on beef. <b>2009</b> , 199-224	2
980	Atrophin proteins interact with the Fat1 cadherin and regulate migration and orientation in vascular smooth muscle cells. <b>2009</b> , 284, 6955-65	31
979	Sensitivity of DCSR3/GAPDH ratio using quantitative real-time PCR in the rapid prenatal diagnosis for down syndrome. <b>2009</b> , 25, 220-3	5
978	Fibronectin increases survival of rat hepatic stellate cells--a novel profibrogenic mechanism of fibronectin. <b>2009</b> , 24, 271-82	17
977	Effect of atorvastatin on PM10-induced cytokine production by human alveolar macrophages and bronchial epithelial cells. <b>2009</b> , 28, 17-23	17
976	Analysis of splicing patterns by pyrosequencing. <b>2009</b> , 37, e126	9

975	Dihydrofolate reductase amplification and sensitization to methotrexate of methotrexate-resistant colon cancer cells. <b>2009</b> , 8, 424-32	34
974	Vascular endothelial growth factor receptor 2 controls blood pressure by regulating nitric oxide synthase expression. <b>2009</b> , 54, 652-8	213
973	Morphological quality and nucleic acid preservation in cytopathology. <b>2009</b> , 62, 429-34	24
972	Interindividual and interethnic variation in genomewide gene expression: insights into the biological variation of gene expression and clinical implications. <b>2009</b> , 55, 774-85	18
971	11beta-hydroxysteroid dehydrogenases are regulated during the pulmonary granulomatous response to the mycobacterial glycolipid trehalose-6,6'-dimycolate. <b>2009</b> , 16, 147-54	17
970	Type B phosphatidylinositol-4-phosphate 5-kinases mediate Arabidopsis and Nicotiana tabacum pollen tube growth by regulating apical pectin secretion. <b>2008</b> , 20, 3312-30	144
969	Molecular cloning and characterisation of heparanase mRNA in the porcine placenta throughout gestation. <b>2009</b> , 21, 757-72	21
968	eIF2alpha kinases GCN2 and PERK modulate transcription and translation of distinct sets of mRNAs in mouse liver. <b>2009</b> , 38, 328-41	55
967	Reduced adipose tissue oxygenation in human obesity: evidence for rarefaction, macrophage chemotaxis, and inflammation without an angiogenic response. <b>2009</b> , 58, 718-25	563
966	Activity of the pituitary-gonadal axis is increased prior to the onset of spawning migration of chum salmon. <b>2009</b> , 212, 56-70	18
965	Analysis of the sequence and phenotype of Drosophila Sex combs reduced alleles reveals potential functions of conserved protein motifs of the Sex combs reduced protein. <b>2009</b> , 182, 191-203	13
964	External oligonucleotide standards enable cross laboratory comparison and exchange of real-time quantitative PCR data. <b>2009</b> , 37, e138	23
963	Role of 3beta-hydroxysteroid-delta 24 reductase in mediating antiinflammatory effects of high-density lipoproteins in endothelial cells. <b>2009</b> , 29, 877-82	75
962	Validation of putative reference genes for normalization of Q-RT-PCR data from paraffin-embedded lymphoid tissue. <b>2009</b> , 18, 243-9	11
961	Activation of alternative Jdp2 promoters and functional protein isoforms in T-cell lymphomas by retroviral insertion mutagenesis. <b>2009</b> , 37, 4657-71	20
960	Channelrhodopsins of Volvox carteri are photochromic proteins that are specifically expressed in somatic cells under control of light, temperature, and the sex inducer. <b>2009</b> , 151, 347-66	46
959	Identification of two isoforms of the Kisspeptin-1 receptor (kiss1r) generated by alternative splicing in a modern teleost, the Senegalese sole (Solea senegalensis). <b>2009</b> , 80, 60-9	57
958	Transcriptomic analysis of Rhizobium leguminosarum biovar viciae in symbiosis with host plants Pisum sativum and Vicia cracca. <b>2009</b> , 191, 4002-14	100

957	Three conazoles increase hepatic microsomal retinoic acid metabolism and decrease mouse hepatic retinoic acid levels in vivo. <b>2009</b> , 234, 143-55	33
956	Development of a quantitative real-time PCR for the detection of canine respiratory coronavirus. <b>2009</b> , 155, 136-42	12
955	Development of a one-step real-time quantitative PCR assay based on primer-probe energy transfer for the detection of porcine reproductive and respiratory syndrome virus. <b>2009</b> , 158, 41-5	20
954	Broad-spectrum detection and quantitation methods of Soil-borne cereal mosaic virus isolates. <b>2009</b> , 159, 227-32	6
953	Reference genes evaluated for use in infectious pancreatic necrosis virus real-time RT-qPCR assay applied during different stages of an infection. <b>2009</b> , 162, 30-9	26
952	Desiccation survival in an Antarctic nematode: molecular analysis using expressed sequenced tags. <b>2009</b> , 10, 69	62
951	Signalling with retinoids in the human lung: validation of new tools for the expression study of retinoid receptors. <b>2009</b> , 9, 423	7
950	Suitable reference genes for real-time PCR in human HBV-related hepatocellular carcinoma with different clinical prognoses. <b>2009</b> , 9, 49	51
949	Genomic and epigenetic evidence for oxytocin receptor deficiency in autism. <b>2009</b> , 7, 62	393
948	RNA pre-amplification enables large-scale RT-qPCR gene-expression studies on limiting sample amounts. <b>2009</b> , 2, 235	36
947	A review of RT-PCR technologies used in veterinary virology and disease control: sensitive and specific diagnosis of five livestock diseases notifiable to the World Organisation for Animal Health. <b>2009</b> , 139, 1-23	144
946	Estrogen inhibits RANKL-stimulated osteoclastic differentiation of human monocytes through estrogen and RANKL-regulated interaction of estrogen receptor-alpha with BCAR1 and Traf6. <b>2009</b> , 315, 1287-301	63
945	Higher random oligo concentration improves reverse transcription yield of cDNA from bioptic tissues and quantitative RT-PCR reliability. <b>2009</b> , 87, 146-51	23
944	Molecular characterization and quantification of the gonadotropin receptors FSH-R and LH-R from Atlantic cod ( <i>Gadus morhua</i> ). <b>2009</b> , 160, 47-58	34
943	Developmental expression analysis and immunolocalization of a biogenic amine receptor in <i>Schistosoma mansoni</i> . <b>2009</b> , 122, 17-27	30
942	Identification and validation of suitable reference genes for quantitative expression of xylA and xylE genes in <i>Pseudomonas putida</i> mt-2. <b>2009</b> , 107, 210-4	14
941	Glycosaminoglycans modulate inflammation and apoptosis in LPS-treated chondrocytes. <b>2009</b> , 106, 83-92	70
940	Biochemical investigation of the effects of human platelet releasates on human articular chondrocytes. <b>2009</b> , 108, 1153-65	113

939	Checklist for optimization and validation of real-time PCR assays. <b>2009</b> , 23, 145-51	113
938	Validation of reference genes for normalization of real-time quantitative RT-PCR data in traumatic brain injury. <b>2009</b> , 87, 34-41	39
937	The melanocortin system in articular chondrocytes: melanocortin receptors, pro-opiomelanocortin, precursor proteases, and a regulatory effect of alpha-melanocyte-stimulating hormone on proinflammatory cytokines and extracellular matrix components. <b>2009</b> , 60, 3017-27	34
936	A clone screening method using mRNA levels to determine specific productivity and product quality for monoclonal antibodies. <b>2009</b> , 102, 1107-18	58
935	Using microarray technology to select housekeeping genes in Chinese hamster ovary cells. <b>2009</b> , 104, 1041-6	29
934	Comparison of cyclooxygenase-2 and CD44 mRNA expression in colorectal cancer and its relevance for prognosis. <b>2009</b> , 454, 381-7	10
933	Reference genes for quantitative analysis on <i>Clonorchis sinensis</i> gene expression by real-time PCR. <b>2009</b> , 104, 321-8	57
932	Seasonal and sex-specific mRNA levels of key endocrine genes in adult yellow perch ( <i>Perca flavescens</i> ) from Lake Erie. <b>2009</b> , 11, 210-22	11
931	Improvement of in vitro oocyte maturation with lectin supplementation and expression analysis of Cx43, GDF-9, FGF-4 and Fibronectin mRNA transcripts in Buffalo ( <i>Bubalus bubalis</i> ). <b>2009</b> , 26, 365-71	6
930	Real-time PCR array chip with capillary-driven sample loading and reactor sealing for point-of-care applications. <b>2009</b> , 11, 1007-20	38
929	Molecular characterization of a putative heat shock protein cognate gene in <i>Rhynchosciara americana</i> . <b>2009</b> , 17, 935-45	6
928	Evaluation of Candidate Reference Genes for Real-Time Quantitative PCR of Plant Samples Using Purified cDNA as Template. <b>2009</b> , 27, 407-416	32
927	Selection of plastid- and nuclear-encoded reference genes to study the effect of altered endogenous cytokinin content on photosynthesis genes in <i>Nicotiana tabacum</i> . <b>2009</b> , 102, 21-9	21
926	Rapid in planta detection of <i>Chalara fraxinea</i> by a real-time PCR assay using a dual-labelled probe. <b>2009</b> , 125, 329-335	55
925	Expression of a putative stem cell marker, Musashi 1, in mammary glands of ewes. <b>2009</b> , 40, 139-49	15
924	Tecoflex <sup>TM</sup> functionalization by curdlan and its effect on protein adsorption and bacterial and tissue cell adhesion. <b>2009</b> , 20, 1115-29	17
923	The impact of iodine excess on thyroid hormone biosynthesis and metabolism in rats. <b>2009</b> , 130, 72-85	13
922	Estrogen modulates expression of putative housekeeping genes in the mouse uterus. <b>2009</b> , 35, 211-9	41

921	Unique splicing pattern of the TCF7L2 gene in human pancreatic islets. <b>2009</b> , 52, 850-4	63
920	Functional characterization of a stilbene synthase gene using a transient expression system in planta. <b>2009</b> , 28, 589-99	20
919	mRNA expression analysis of the physiological responses to ammonia infusion in rainbow trout. <b>2009</b> , 179, 799-810	44
918	FGF2 specifies hESC-derived definitive endoderm into foregut/midgut cell lineages in a concentration-dependent manner. <b>2010</b> , 28, 45-56	105
917	Quantitative RT-PCR analysis of estrogen receptor gene expression in laser microdissected prostate cancer tissue. <b>2009</b> , 69, 810-9	24
916	Quantitative TaqMan real-time PCR assays for gene expression normalisation in feline tissues. <b>2009</b> , 10, 106	57
915	Selection of reference genes for quantitative RT-PCR studies in Rhipicephalus (Boophilus) microplus and Rhipicephalus appendiculatus ticks and determination of the expression profile of Bm86. <b>2009</b> , 10, 112	99
914	Reverse transcription-quantitative polymerase chain reaction: description of a RIN-based algorithm for accurate data normalization. <b>2009</b> , 10, 31	25
913	Construction of an adult barnacle (Balanus amphitrite) cDNA library and selection of reference genes for quantitative RT-PCR studies. <b>2009</b> , 10, 62	27
912	Selection and evaluation of reference genes for improved interrogation of microbial transcriptomes: case study with the extremophile Acidithiobacillus ferrooxidans. <b>2009</b> , 10, 63	58
911	Identification of valid reference genes during the differentiation of human myoblasts. <b>2009</b> , 10, 66	52
910	Selection of reference genes for expression studies with fish myogenic cell cultures. <b>2009</b> , 10, 80	50
909	Effects of lead exposure on hippocampal metabotropic glutamate receptor subtype 3 and 7 in developmental rats. <b>2009</b> , 8, 5	23
908	Effects of chronic celecoxib on testicular function in normal and lipopolysaccharide-treated rats. <b>2009</b> , 32, 542-55	16
907	Use of induction promoters to regulate hyaluronan synthase and UDP-glucose-6-dehydrogenase of Streptococcus zooepidemicus expression in Lactococcus lactis: a case study of the regulation mechanism of hyaluronic acid polymer. <b>2009</b> , 107, 136-44	36
906	Quantitative PCR study on the mode of action of oligosaccharide elicitors on penicillin G production by Penicillium chrysogenum. <b>2009</b> , 107, 1131-9	15
905	Altered monocyte cyclo-oxygenase response in non-obese diabetic mice. <b>2009</b> , 155, 304-10	4
904	Development of a widely applicable positive control strategy to support detection of infectious salmon anaemia virus (ISAV) using Taqman real-time PCR. <b>2009</b> , 32, 151-6	22

903	Involvement of the PRKCB1 gene in autistic disorder: significant genetic association and reduced neocortical gene expression. <b>2009</b> , 14, 705-18	60
902	Analysis of gene expression in two large schizophrenia cohorts identifies multiple changes associated with nerve terminal function. <b>2009</b> , 14, 1083-94	141
901	Human adenylate kinase 2 deficiency causes a profound hematopoietic defect associated with sensorineural deafness. <b>2009</b> , 41, 106-11	173
900	Quantitative RT-PCR gene expression analysis of laser microdissected tissue samples. <b>2009</b> , 4, 902-22	76
899	Microbial community in granules from a high-rate EGSB reactor. <b>2009</b> , 45, 593-598	8
898	MLH1 mediates PARP-dependent cell death in response to the methylating agent N-methyl-N-nitrosourea. <b>2009</b> , 101, 441-51	15
897	Growth phase-dependent variations in transcript profiles for thioredoxin- and glutathione-dependent redox systems followed by budding and hyphal <i>Candida albicans</i> cultures. <b>2009</b> , 9, 1078-90	26
896	Influence of the photoperiod on growth rate and insulin-like growth factor-I gene expression in Nile tilapia <i>Oreochromis niloticus</i> . <b>2009</b> , 75, 130-41	20
895	Drought-Induced Oxidative Conditions in Rice Anthers Leading to a Programmed Cell Death and Pollen Abortion*. <b>2009</b> , 195, 157-164	47
894	Efficiency of SCNT buffalo ( <i>Bubalus bubalis</i> ) embryos in different culture medium and analysis of mRNA expression of insulin-like growth factors during embryogenesis. <b>2010</b> , 45, 786-95	6
893	Expression pattern of apoptotic genes in vitrified-thawed bovine oocytes. <b>2010</b> , 45, e83-90	26
892	Differential expression of cellulose synthase (CesA) gene transcripts in potato as revealed by QRT-PCR. <b>2009</b> , 47, 1116-8	10
891	Terminal continuation (TC) RNA amplification without second strand synthesis. <b>2009</b> , 177, 381-5	41
890	The optimization of TaqMan real-time RT-PCR assay for transcriptional profiling of GABA-A receptor subunit plasticity. <b>2009</b> , 181, 58-66	30
889	Effects of short term triiodothyronine administration to broiler chickens fed methimazole. <b>2009</b> , 150, 72-8	2
888	Relative expression of cell growth regulatory genes insulin-like growth factors (IGF-1 and IGF-2) and their receptors (IGF-1R and IGF-2R) in somatic cell nuclear transferred (SCNT) and in vitro fertilized (IVF) pre-implantation buffalo embryos. <b>2009</b> , 33, 555-64	14
887	Transformation of real-time PCR fluorescence data to target gene quantity. <b>2009</b> , 384, 1-10	42
886	Quantification of PCR products by phosphate measurement. <b>2009</b> , 384, 305-11	

885	Following ionic activity by electrochemistry during the polymerase chain reaction. <b>2009</b> , 385, 26-33	4
884	Reference gene selection for quantitative real-time PCR normalization in tomato subjected to nitrogen, cold, and light stress. <b>2009</b> , 387, 238-42	265
883	Detection of stable reference genes for real-time PCR analysis in schizophrenia and bipolar disorder. <b>2009</b> , 391, 91-7	29
882	Contribution of cell culture, RNA extraction, and reverse transcription to the measurement error in quantitative reverse transcription polymerase chain reaction-based gene expression quantification. <b>2009</b> , 393, 29-35	5
881	A simple and rapid method for the disruption of <i>Staphylococcus aureus</i> , optimized for quantitative reverse transcriptase applications: Application for the examination of Camembert cheese. <b>2009</b> , 89, 69-81	15
880	The MIQE guidelines: minimum information for publication of quantitative real-time PCR experiments. <b>2009</b> , 55, 611-22	97 <sup>10</sup>
879	Development of noncompetitive exogenous internal amplification control for real-time PCR based on UFA method. <b>2009</b> , 24, 121-127	1
878	Application of game theory to the interaction between plant viruses during mixed infections. <b>2009</b> , 90, 2815-2820	45
877	Investigation of associations of <i>Yarrowia lipolytica</i> , <i>Staphylococcus xylosum</i> , and <i>Lactococcus lactis</i> in culture as a first step in microbial interaction analysis. <b>2009</b> , 75, 6422-30	13
876	Leukemia. <b>2009</b> ,	1
875	End-stage renal failure and regulatory activities of CD4+CD25bright+FoxP3+ T-cells. <b>2009</b> , 24, 1969-78	76
874	TNF-alpha gene expression in colorectal mucosa as a predictor of remission after induction therapy with infliximab in ulcerative colitis. <b>2009</b> , 46, 222-7	62
873	Relation of adipose tissue to metabolic flexibility. <b>2009</b> , 83, 32-43	34
872	Expression of alkane monooxygenase (alkB) genes by plant-associated bacteria in the rhizosphere and endosphere of Italian ryegrass ( <i>Lolium multiflorum</i> L.) grown in diesel contaminated soil. <b>2009</b> , 157, 3347-50	114
871	Gene and protein expression for prolactin, growth hormone and somatolactin in <i>Sparus aurata</i> : seasonal variations. <b>2009</b> , 153, 130-5	25
870	Response to hydroxyurea in beta thalassemia major and intermedia: experience in western India. <b>2009</b> , 407, 10-5	62
869	Allelopathic mechanism of pyrogallol to <i>Microcystis aeruginosa</i> PCC7806 (Cyanobacteria): from views of gene expression and antioxidant system. <b>2009</b> , 75, 924-8	110
868	The ATRA-dependent overexpression of the glutamate transporter EAAC1 requires RARbeta induction. <b>2009</b> , 1788, 1861-8	11

867	Hydroxyurea in sickle cell disease--a study of clinico-pharmacological efficacy in the Indian haplotype. <b>2009</b> , 42, 25-31	49
866	Immune response of white shrimp, <i>Litopenaeus vannamei</i> , after a concurrent infection with white spot syndrome virus and infectious hypodermal and hematopoietic necrosis virus. <b>2009</b> , 26, 582-8	62
865	A second proPO present in white shrimp <i>Litopenaeus vannamei</i> and expression of the proPOs during a <i>Vibrio alginolyticus</i> injection, molt stage, and oral sodium alginate ingestion. <b>2009</b> , 26, 49-55	37
864	Cell turnover and gene activities in sheep mammary glands prior to lambing to involution. <b>2009</b> , 41, 326-33	29
863	Modulation of ovine neutrophil function and apoptosis by standardized extracts of <i>Echinacea angustifolia</i> , <i>Butea frondosa</i> and <i>Curcuma longa</i> . <b>2009</b> , 128, 366-73	15
862	Determination of internal control for gene expression studies in equine tissues and cell culture using quantitative RT-PCR. <b>2009</b> , 130, 114-9	25
861	Ostreid herpes virus 1 infection in families of the Pacific oyster, <i>Crassostrea gigas</i> , during a summer mortality outbreak: differences in viral DNA detection and quantification using real-time PCR. <b>2009</b> , 142, 181-7	95
860	A powerful and flexible linear mixed model framework for the analysis of relative quantification RT-PCR data. <b>2009</b> , 94, 146-52	164
859	Intestinal edema: effect of enteral feeding on motility and gene expression. <b>2009</b> , 155, 283-92	15
858	Regulation of interleukin 1alpha, activin and inhibin by lipopolysaccharide in Sertoli cells from prepubertal rats. <b>2009</b> , 307, 169-75	15
857	Molecular detection of <i>Puccinia horiana</i> in <i>Chrysanthemum x morifolium</i> through conventional and real-time PCR. <b>2009</b> , 76, 136-45	26
856	Expression changes of dopaminergic system-related genes in PC12 cells induced by manganese, silver, or copper nanoparticles. <b>2009</b> , 30, 926-33	141
855	Quantitative expression analysis of Bodhesin genes in the buck ( <i>Capra hircus</i> ) reproductive tract by real-time polymerase chain reaction (qRT-PCR). <b>2009</b> , 110, 245-55	7
854	Expression of Epidermal Growth Factor Receptor variant III in laryngeal carcinoma tissues. <b>2009</b> , 36, 682-7	8
853	Effect of sequential exposure on infection and dissemination rates for West Nile and St. Louis encephalitis viruses in <i>Culex quinquefasciatus</i> . <b>2009</b> , 9, 281-6	32
852	Reliability of real-time reverse-transcription PCR in clinical diagnostics: gold standard or substandard?. <b>2009</b> , 9, 187-97	106
851	Effect of adipose tissue on the sexual dimorphism in metabolic flexibility. <b>2009</b> , 58, 1564-71	19
850	The role of metabotropic glutamate receptor 5 in developmental lead neurotoxicity. <b>2009</b> , 191, 223-30	21

849	Expression dynamics of secreted protease genes in <i>Trichophyton rubrum</i> induced by key host's proteinaceous components. <b>2009</b> , 47, 759-65	22
848	Identification of suitable normalizing genes for quantitative real-time RT-PCR analysis of gene expression in fetal mouse gonads. <b>2009</b> , 3, 194-204	59
847	Placental biomarkers of phthalate effects on mRNA transcription: application in epidemiologic research. <b>2009</b> , 8, 20	20
846	Analysis and Troubleshooting. <b>2009</b> , 247-263	
845	Overview of Molecular Diagnostic Techniques and Instrumentation. <b>2009</b> , 19-32	5
844	Stem Cells in Regenerative Medicine. <b>2009</b> ,	7
843	Nerve growth factor and receptor expression in rheumatoid arthritis and spondyloarthritis. <b>2009</b> , 11, R82	69
842	Functional relevance of three proopiomelanocortin (POMC) genes in darkening camouflage, blind-side hypermelanosis, and appetite of <i>Paralichthys olivaceus</i> . <b>2015</b> , 179, 44-56	12
841	Development and application of molecular methods (PCR) for detection of Tasmanian Atlantic salmon reovirus. <b>2015</b> , 38, 739-54	8
840	Molecular Characterization of Rejection in Solid Organ Transplantation. <b>2016</b> , 1132-1149	
839	Reference gene selection for gene expression studies in lily using quantitative real-time PCR. <b>2016</b> , 15,	2
838	Evaluation of Housekeeping Genes for Quantitative Real-Time PCR Analysis of <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <b>2016</b> , 17,	43
837	Validation of Reference Genes for Quantitative Real-Time PCR in Bovine PBMCs Transformed and Non-transformed by <i>Theileria annulata</i> . <b>2016</b> , 54, 39-46	6
836	Dietary spray-dried chicken plasma improves intestinal barrier function and modulates immune status in weaning piglets. <b>2016</b> , 94, 173-84	16
835	p75 neurotrophin receptor and pro-BDNF promote cell survival and migration in clear cell renal cell carcinoma. <b>2016</b> , 7, 34480-97	25
834	Qingchang Wenzhong Decoction Ameliorates Dextran Sulphate Sodium-Induced Ulcerative Colitis in Rats by Downregulating the IP10/CXCR3 Axis-Mediated Inflammatory Response. <b>2016</b> , 2016, 4312538	8
833	Regulatory complexity revealed by integrated cytological and RNA-seq analyses of meiotic substages in mouse spermatocytes. <b>2016</b> , 17, 628	27
832	The importance of selecting the appropriate reference genes for quantitative real time PCR as illustrated using colon cancer cells and tissue. <b>2016</b> , 5, 99	18

831	PCR en tiempo real: una metodología útil para la detección y cuantificación de granulovirus. <b>2016</b> , 18, 24	2
830	Quantitative Evaluation and Selection of Reference Genes for Quantitative RT-PCR in Mouse Acute Pancreatitis. <b>2016</b> , 2016, 8367063	18
829	Selection of Suitable Reference Genes for Quantitative Real-Time PCR Normalization in Three Types of Rat Adipose Tissue. <b>2016</b> , 17,	24
828	Novel strong promoter of antimicrobial peptides gene pro-SmAMP2 from chickweed ( <i>Stellaria media</i> ). <b>2016</b> , 16, 43	9
827	Selection of suitable reference genes for gene expression studies in normal human ovarian tissues, borderline ovarian tumours and ovarian cancer. <b>2016</b> , 14, 5725-5731	8
826	A Comparative Study of SMN Protein and mRNA in Blood and Fibroblasts in Patients with Spinal Muscular Atrophy and Healthy Controls. <b>2016</b> , 11, e0167087	21
825	Normalization with Corresponding Native Tissue Minimizes Bias Caused by Commercial Reverse Transcription Kits on Quantitative Real-Time PCR Results. <b>2016</b> , 11, e0167209	3
824	Reference Gene Selection for RT-qPCR Analysis of Flower Development in <i>Chrysanthemum morifolium</i> and <i>Chrysanthemum lavandulifolium</i> . <b>2016</b> , 7, 287	39
823	Validation and Comparison of Reference Genes for qPCR Normalization of Celery ( <i>Apium graveolens</i> ) at Different Development Stages. <b>2016</b> , 7, 313	64
822	Evaluation of Reference Genes for Quantitative Real-Time PCR Analysis of the Gene Expression in Laticifers on the Basis of Latex Flow in Rubber Tree ( <i>Hevea brasiliensis</i> Muell. Arg.). <b>2016</b> , 7, 1149	15
821	Suitable Reference Genes for Accurate Gene Expression Analysis in Parsley () for Abiotic Stresses and Hormone Stimuli. <b>2016</b> , 7, 1481	21
820	Nonsense Mutation Inside Anthocyanidin Synthase Gene Controls Pigmentation in Yellow Raspberry (L.). <b>2016</b> , 7, 1892	23
819	Forensic body fluid identification: state of the art. <b>2016</b> , 11	31
818	Digital Nucleic Acid Detection Based on Microfluidic Lab-on-a-Chip Devices. <b>2016</b> ,	
817	Depth-dependent plasticity in opsin gene expression varies between damselfish (Pomacentridae) species. <b>2016</b> , 25, 3645-61	37
816	Evaluation of potential mechanisms of atrazine-induced reproductive impairment in fathead minnow ( <i>Pimephales promelas</i> ) and Japanese medaka ( <i>Oryzias latipes</i> ). <b>2016</b> , 35, 2230-8	18
815	Genome maintenance and bioenergetics of the long-lived hypoxia-tolerant and cancer-resistant blind mole rat, <i>Spalax</i> : a cross-species analysis of brain transcriptome. <b>2016</b> , 6, 38624	19
814	Impacts of environment on gene expression and epigenetic modification in grazing animals. <b>2016</b> , 94, 63-73	1

813	Fucoidan alleviates high-fat diet-induced dyslipidemia and atherosclerosis in ApoE(shl) mice deficient in apolipoprotein E expression. <b>2016</b> , 32, 46-54	66
812	In Vivo siRNA Delivery Using JC Virus-like Particles Decreases the Expression of RANKL in Rats. <b>2016</b> , 5, e298	16
811	A robust and specific real-time PCR tool for the detection of <i>Phytophthora lateralis</i> in plant tissues. <b>2016</b> , 146, 231-244	6
810	Gemfibrozil disrupts the metabolism of circulating lipids in bobwhite quails. <b>2016</b> , 179, 137-43	4
809	Importance of reference gene selection for articular cartilage mechanobiology studies. <b>2016</b> , 24, 719-30	26
808	Validation of reliability for reference genes under various abiotic stresses in tea plant. <b>2016</b> , 63, 423-432	11
807	A robust biomarker of differential correlations improves the diagnosis of cytologically indeterminate thyroid cancers. <b>2016</b> , 37, 1355-62	17
806	High temperature attenuates the gravitropism of inflorescence stems by inducing SHOOT GRAVITROPISM 5 alternative splicing in <i>Arabidopsis</i> . <b>2016</b> , 209, 265-79	20
805	Identification and Validation of Reference Genes for the Normalization of Gene Expression Data in qRT-PCR Analysis in <i>Aphis gossypii</i> (Hemiptera: Aphididae). <b>2016</b> , 16,	57
804	Protective Immunity Against Homologous and Heterologous Influenza Virus Lethal Challenge by Immunization with New Recombinant Chimeric HA2-M2e Fusion Protein in BALB/C Mice. <b>2016</b> , 29, 228-34	9
803	Omics approaches to probe markers of disease resistance in animal sciences. <b>2016</b> , 12, 2036-46	9
802	Dependence on glutamine uptake and glutamine addiction characterize myeloma cells: a new attractive target. <b>2016</b> , 128, 667-79	85
801	The utility of optical detection system (qPCR) and bioinformatics methods in reference gene expression analysis. <b>2016</b> ,	3
800	WITHDRAWN: Selection of reference genes in five types of human tissues for normalization of gene expression studies in infectious diseases. <b>2016</b> ,	1
799	Expression of plant antimicrobial peptide pro-SmAMP2 gene increases resistance of transgenic potato plants to <i>Alternaria</i> and <i>Fusarium</i> pathogens. <b>2016</b> , 52, 939-951	9
798	Methods and Techniques in Molecular Toxicology of Nanomaterials. <b>2016</b> , 231-256	
797	Infection Process of <i>Burkholderia glumae</i> Before Booting Stage of Rice. <b>2016</b> , 164, 825-832	8
796	Culture-Independent Rapid Detection Methods for Bacterial Pathogens and Toxins in Food Matrices. <b>2016</b> , 15, 183-205	142

795	Evaluation and validation of suitable reference genes for reverse transcription-quantitative polymerase chain reaction studies in cholangiocarcinoma patients and cell lines. <b>2016</b> , 11, 2673-2681	5
794	Improvement of expression level of polysaccharide lyases with new tag GAPDH in <i>E. coli</i> . <b>2016</b> , 236, 159-65	7
793	Role of hesperetin in LDL-receptor expression in hepatoma HepG2 cells. <b>2016</b> , 16, 182	12
792	Diagnostics in hepatitis C: The end of response-guided therapy?. <b>2016</b> , 65, S67-S81	19
791	Easy-to-use strategy for reference gene selection in quantitative real-time PCR experiments. <b>2016</b> , 389, 1353-1366	16
790	Structural and functional analysis of new plant promoter pro-SmAMP1 from <i>Stellaria media</i> . <b>2016</b> , 63, 663-672	3
789	Validation of reference genes for RT-qPCR analysis of growth hormone receptor and growth hormone expression in the tench ( <i>Tinca tinca</i> ) fed substituting poultry meal for fish meal. <b>2016</b> , 465, 179-188	5
788	Absolute quantification of olive oil DNA by droplet digital-PCR (ddPCR): Comparison of isolation and amplification methodologies. <b>2016</b> , 213, 388-394	21
787	Control of seed dormancy in <i>Arabidopsis</i> by a cis-acting noncoding antisense transcript. <b>2016</b> , 113, E7846-E7855	0
786	Identification and validation of <i>Aeluropus littoralis</i> reference genes for Quantitative Real-Time PCR Normalization. <b>2016</b> , 23, 18	8
785	The 60S ribosomal protein L13 is the most preferable reference gene to investigate gene expression in selected organs from turkeys and chickens, in context of different infection models. <b>2016</b> , 47, 105	15
784	Dopamine beta-hydroxylase participate in the immunoendocrine responses of hypothermal stressed white shrimp, <i>Litopenaeus vannamei</i> . <b>2016</b> , 59, 166-178	21
783	NADPH oxidase is implicated in the pathogenesis of oxidative phosphorylation dysfunction in mice fed a high-fat diet. <b>2016</b> , 6, 23664	24
782	Widespread recovery of methylation at gametic imprints in hypomethylated mouse stem cells following rescue with DNMT3A2. <b>2016</b> , 9, 53	5
781	17 $\beta$ -Trenbolone exposure programs metabolic dysfunction in larval medaka. <b>2016</b> , 31, 1539-1551	5
780	CXCL12/CXCR4 display an inverse mRNA expression profile in gastric carcinoma that correlates with tumor progression. <b>2016</b> , 11, 360-364	8
779	Detailed Molecular Characterisation of the Transgenic Potato Line, AppA6, Modified with the Apple ( <i>Malus domestica</i> ) Polygalacturonase Inhibiting Protein 1 (pgip1) Gene. <b>2016</b> , 59, 129-147	0
778	The agony of choice in dermatophyte diagnostics-performance of different molecular tests and culture in the detection of <i>Trichophyton rubrum</i> and <i>Trichophyton interdigitale</i> . <b>2016</b> , 22, 735.e11-7	18

777	Assessing Gene Expression of the Endocannabinoid System. <b>2016</b> , 1412, 237-46	2
776	Differential methylation at the RELN gene promoter in temporal cortex from autistic and typically developing post-puberal subjects. <b>2016</b> , 8, 18	23
775	The Tetrahymena metallothionein gene family: twenty-one new cDNAs, molecular characterization, phylogenetic study and comparative analysis of the gene expression under different abiotic stressors. <b>2016</b> , 17, 346	20
774	Molecular characterization and expression pattern of dmrt1 in the immature Chinese sturgeon <i>Acipenser sinensis</i> . <b>2016</b> , 88, 567-79	12
773	Clinical verification of a novel urinary microRNA panel: 133b, -342 and -30 as biomarkers for diabetic nephropathy identified by bioinformatics analysis. <b>2016</b> , 83, 92-99	70
772	rRNA Binding Sites and the Molecular Mechanism of Action of the Tetracyclines. <b>2016</b> , 60, 4433-41	76
771	Systematic expression analysis of Hox genes at adulthood reveals novel patterns in the central nervous system. <b>2016</b> , 221, 1223-43	34
770	miR-200/ZEB axis regulates sensitivity to nintedanib in non-small cell lung cancer cells. <b>2016</b> , 48, 937-44	52
769	Isoepoxydon dehydrogenase (idh) gene expression in relation to patulin production by <i>Penicillium expansum</i> under different temperature and atmosphere. <b>2016</b> , 220, 50-7	13
768	Recombinant plasmid-based quantitative Real-Time PCR analysis of <i>Salmonella enterica</i> serotypes and its application to milk samples. <b>2016</b> , 122, 50-8	17
767	Problems of variable biomarker evaluation in stratified medicine research--A case study of ERCC1 in non-small-cell lung cancer. <b>2016</b> , 92, 1-7	10
766	Determination of internal controls for quantitative gene expression of <i>Isochrysis zhangjiangensis</i> at nitrogen stress condition. <b>2016</b> , 15, 137-144	4
765	Toxicity determinants of multi-walled carbon nanotubes: The relationship between functionalization and agglomeration. <b>2016</b> , 3, 230-243	116
764	Reference Gene Selection and Evaluation for Gene Expression Studies Using qRT-PCR in the White-Backed Planthopper, <i>Sogatella furcifera</i> (Hemiptera: Delphacidae). <b>2016</b> , 109, 879-86	39
763	Utilizing Low-Volume Aqueous Acoustic Transfer with the Echo 525 to Enable Miniaturization of qRT-PCR Assay. <b>2016</b> , 21, 57-63	9
762	Gene expression of cytokeratin 19 and its molecular detection in human breast cancer cell lines. <b>2016</b> , 120, 25-31	2
761	Mechanisms of resistance to fluconazole in <i>Candida albicans</i> clinical isolates from Iranian HIV-infected patients with oropharyngeal candidiasis. <b>2016</b> , 26, 35-41	27
760	The combined effects of <i>Dolichospermum flos-aquae</i> , light, and temperature on microcystin production by <i>Microcystis aeruginosa</i> . <b>2016</b> , 34, 1173-1182	6

759	Endothelial cell activation by hemodynamic shear stress derived from arteriovenous fistula for hemodialysis access. <b>2016</b> , 310, H49-59	25
758	Identification and selection of normalization controls for quantitative transcript analysis in <i>Blumeria graminis</i> . <b>2016</b> , 17, 625-33	12
757	Decoration of intramyocellular lipid droplets with PLIN5 modulates fasting-induced insulin resistance and lipotoxicity in humans. <b>2016</b> , 59, 1040-8	33
756	Selection of reliable reference genes in eutopic and ectopic endometrium for quantitative expression studies. <b>2016</b> , 78, 66-73	8
755	Molecular Testing and the Pathologist's Role in Clinical Trials of Breast Cancer. <b>2016</b> , 16, 166-79	14
754	Genetic data: The new challenge of personalized medicine, insights for rheumatoid arthritis patients. <b>2016</b> , 583, 90-101	27
753	Identification of stable reference genes for quantitative PCR in cells derived from chicken lymphoid organs. <b>2016</b> , 170, 20-4	28
752	Validation of putative reference genes for gene expression studies in heat stressed and EMSH treated melanocyte cells of <i>Bos indicus</i> using real-time quantitative PCR. <b>2016</b> , 30, 161-7	6
751	Cisgenic Rvi6 scab-resistant apple lines show no differences in Rvi6 transcription when compared with conventionally bred cultivars. <b>2016</b> , 243, 635-44	9
750	Real-time RT-PCR systems for CTC detection from blood samples of breast cancer and gynaecological tumour patients (Review). <b>2016</b> , 35, 1905-15	24
749	In vivo expression of genes in the entomopathogenic fungus <i>Beauveria bassiana</i> during infection of lepidopteran larvae. <b>2016</b> , 136, 32-4	3
748	Multiplex real-time RT-PCR assay for bovine viral diarrhea virus type 1, type 2 and HoBi-like pestivirus. <b>2016</b> , 229, 1-7	18
747	Developing high throughput quantitative PCR assays for diagnosing Ikeda and other <i>Theileria orientalis</i> types common to New Zealand in bovine blood samples. <b>2016</b> , 64, 29-37	25
746	Evaluation of housekeeping genes as references for quantitative real-time PCR analysis of gene expression in the murrelet <i>Channa striatus</i> under high-temperature stress. <b>2016</b> , 42, 125-35	22
745	Epigenetic Methods in Neuroscience Research. <b>2016</b> ,	
744	Mammalian Genome Plasticity: Expression Analysis of Transposable Elements. <b>2016</b> , 163-174	
743	Antitumor effects of interleukin-6 (IL-6)/interleukin-6 receptor (IL-6R) signaling pathway inhibition in clear cell carcinoma of the ovary. <b>2016</b> , 55, 832-41	40
742	Evaluation of the reference genes for expression analysis using quantitative real-time polymerase chain reaction in the green peach aphid, <i>Myzus persicae</i> . <b>2017</b> , 24, 222-234	46

741	EvaGreen-based Multiplex Real-time PCR Assay for Rapid Differentiation of Wild-Type and Glycoprotein E-Deleted Bovine Herpesvirus-1 Strains. <b>2017</b> , 28, 248-252	2
740	Evaluation of RNA extraction methods in rice and their application in expression analysis of resistance genes against <i>Magnaporthe oryzae</i> . <b>2017</b> , 31, 75-84	2
739	Ultrasensitive Electrochemical Detection of miRNA-21 Using a Zinc Finger Protein Specific to DNA-RNA Hybrids. <b>2017</b> , 89, 2024-2031	53
738	Fluorescence turn-on hairpin-probe PCR. <b>2017</b> , 53, 1393-1396	5
737	A quantitative SMRT cell sequencing method for ribosomal amplicons. <b>2017</b> , 135, 77-84	5
736	Decreased TAp63 and Np63 mRNA Levels in Most Human Pituitary Adenomas Are Correlated with Notch3/Jagged1 Relative Expression. <b>2017</b> , 28, 13-21	3
735	Development of a qPCR Method for the Identification and Quantification of Two Closely Related Tuna Species, Bigeye Tuna ( <i>Thunnus obesus</i> ) and Yellowfin Tuna ( <i>Thunnus albacares</i> ), in Canned Tuna. <b>2017</b> , 65, 913-920	16
734	Selection of suitable reference genes for quantitative real-time PCR gene expression analysis in <i>Salix matsudana</i> under different abiotic stresses. <b>2017</b> , 7, 40290	37
733	RNA sequencing analysis of transcriptional change in the freshwater mussel <i>Elliptio complanata</i> after environmentally relevant sodium chloride exposure. <b>2017</b> , 36, 2352-2366	8
732	Beneficial contribution of the arbuscular mycorrhizal fungus, <i>Rhizophagus irregularis</i> , in the protection of <i>Medicago truncatula</i> roots against benzo[a]pyrene toxicity. <b>2017</b> , 27, 465-476	12
731	Reference genes for studies in infectious parasitic diseases in five types of human tissues. <b>2017</b> , 7, 98-105	3
730	The phytochelatin synthase gene in date palm ( <i>Phoenix dactylifera</i> L.): Phylogeny, evolution and expression. <b>2017</b> , 140, 7-17	12
729	Reference genes for quantitative RT-PCR of the pilocarpine producer <i>Pilocarpus microphyllus</i> and two other <i>Pilocarpus</i> species. <b>2017</b> , 29, 51-59	1
728	New insights into the role of chitosan oligosaccharide in enhancing growth performance, antioxidant capacity, immunity and intestinal development of weaned pigs. <b>2017</b> , 7, 9669-9679	60
727	Molecular Analysis of Endodontic Infections. <b>2017</b> , 81-128	1
726	RNA Extracted from Formalin-Fixed, Paraffin-Embedded Renal Biopsy Biospecimens: An Evaluation of Alternative Extraction Kits and the Effects of Storage Time. <b>2017</b> , 15, 396-398	
725	An isothermal, label-free, and rapid one-step RNA amplification/detection assay for diagnosis of respiratory viral infections. <b>2017</b> , 90, 187-194	33
724	Cadmium exposure on tissue-specific cadmium accumulation and alteration of hemoglobin expression in the 4th-instar larvae of <i>Prosilocerus akamusi</i> (Tokunaga) under laboratory conditions. <b>2017</b> , 144, 187-192	5

723	Selection of reference genes for microRNA analysis associated to early stress response to handling and confinement in <i>Salmo salar</i> . <b>2017</b> , 7, 1756	5
722	Non-alcoholic fatty liver disease, vascular inflammation and insulin resistance are exacerbated by TRAIL deletion in mice. <b>2017</b> , 7, 1898	31
721	MicroRNA Expression Profiling by PCR Array in 2D and 3D Differentiated Neural Culture Systems and Target Validation. <b>2017</b> , 43-57	
720	GPNA inhibits the sodium-independent transport system L for neutral amino acids. <b>2017</b> , 49, 1365-1372	36
719	Lung inflammation after bleomycin treatment in mice: Selection of an accurate normalization strategy for gene expression analysis in an ex-vivo and in-vitro model. <b>2017</b> , 88, 145-154	5
718	Validation of optimal reference genes for quantitative real time PCR in muscle and adipose tissue for obesity and diabetes research. <b>2017</b> , 7, 3612	24
717	Molecular Profiling of Malignant Pleural Effusion in Metastatic Non-Small-Cell Lung Carcinoma. The Effect of Preanalytical Factors. <b>2017</b> , 14, 1169-1176	36
716	Identification of potential internal control genes for real-time PCR analysis during stress response in <i>Pyropia haitanensis</i> . <b>2017</b> , 35, 1432-1441	2
715	Reproducibility of biomedical research - The importance of editorial vigilance. <b>2017</b> , 11, 1-3	7
714	Identification of putative effector genes and their transcripts in three strains related to 'Candidatus <i>Phytoplasma aurantifolia</i> '. <b>2017</b> , 199, 57-66	8
713	Preparation of MS2-based nanoparticles as control and standard materials for the molecular detection of dengue virus serotypes. <b>2017</b> , 233, 42-50	3
712	Evaluation of Histidine Decarboxylase (HDC) Activity and Human Histamine Receptor 3 (H3R) and HDC mRNA Levels. <b>2017</b> , 389-410	
711	Evaluation of reference genes at different developmental stages for quantitative real-time PCR in <i>Aedes aegypti</i> . <b>2017</b> , 7, 43618	39
710	Selection and validation of reference genes for RT-qPCR analysis in Sf9 cell line infected by <i>Heliothis virescens</i> ascovirus 3h (HvAV-3h). <b>2017</b> , 20, 463-468	4
709	NanoString, a novel digital color-coded barcode technology: current and future applications in molecular diagnostics. <b>2017</b> , 17, 95-103	75
708	Validation and application of a quantitative real-time PCR assay to detect common wheat adulteration of durum wheat for pasta production. <b>2017</b> , 224, 86-91	16
707	Antihypertensive methyldopa, labetalol, hydralazine, and clonidine reversed tumour necrosis factor- $\alpha$ -inhibited endothelial nitric oxide synthase expression in endothelial-trophoblast cellular networks. <b>2017</b> , 44, 421-427	7
706	Activity of <i>etv5a</i> and <i>etv5b</i> genes in the hypothalamus of fasted zebrafish is influenced by serotonin. <b>2017</b> , 246, 233-240	5

705	Epigenetics and Gene Expression in Cancer, Inflammatory and Immune Diseases. <b>2017</b> ,	
704	Dnmt1, Dnmt3a and Dnmt3b cooperate in photoreceptor and outer plexiform layer development in the mammalian retina. <b>2017</b> , 159, 132-146	26
703	Microbiota and Epigenetic Regulation of Inflammatory Mediators. <b>2017</b> , 115-134	
702	Comprehensive evaluation of candidate reference genes for gene expression studies in <i>Lysiphlebia japonica</i> (Hymenoptera: Aphidiidae) using RT-qPCR. <b>2017</b> , 637, 211-218	10
701	Adaptive gene profiling of <i>Mycobacterium tuberculosis</i> during sub-lethal kanamycin exposure. <b>2017</b> , 112, 243-253	3
700	Schisandrin B down-regulated lncRNA BCYRN1 expression of airway smooth muscle cells by improving miR-150 expression to inhibit the proliferation and migration of ASMC in asthmatic rats. <b>2017</b> , 50,	32
699	Detection of circulating tumor cells by reverse transcription-quantitative polymerase chain reaction and magnetic activated cell sorting in the peripheral blood of patients with hepatocellular carcinoma. <b>2017</b> , 16, 5894-5900	8
698	Biotic factors that induce the tomato Ve1 R-gene. <b>2017</b> , 265, 61-69	8
697	The transcription of atypical protein kinase C in hemocytes of the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> , during the molt stage and injection of pathogen-associated compounds. <b>2017</b> , 69, 52-58	7
696	Induced expression of selected plant defence related genes in pot azalea, <i>Rhododendron simsii</i> hybrid. <b>2017</b> , 213, 1	18
695	Selection of Suitable Internal Control Genes for Accurate Normalization of Real-Time Quantitative PCR Data of Buffalo ( <i>Bubalus bubalis</i> ) Blastocysts Produced by SCNT and IVF. <b>2017</b> , 19, 302-310	7
694	A novel quantitative PCR mediated by high-fidelity DNA polymerase. <b>2017</b> , 7, 10365	5
693	Adrenocorticotrophic hormone and 1,25-dihydroxyvitamin D enhance human osteogenesis in vitro by synergistically accelerating the expression of bone-specific genes. <b>2017</b> , 97, 1072-1083	17
692	Selection of reference genes to quantify relative expression of ochratoxin A-related genes by <i>Penicillium nordicum</i> in dry-cured ham. <b>2017</b> , 68, 104-111	5
691	Identification of reference genes for qRT-PCR in granulosa cells of healthy women and polycystic ovarian syndrome patients. <b>2017</b> , 7, 6961	14
690	Selection of reference genes for expression analysis using RT-qPCR in the dissemination system of <i>Heliothis virescens</i> ascovirus 3 h (HvAV-3h). <b>2017</b> , 7, 7045	4
689	Identification of housekeeping genes as references for quantitative real-time RT-PCR analysis in <i>Misgurnus anguillicaudatus</i> . <b>2017</b> , 96, 895-904	11
688	Determination of stable reference genes for RT-qPCR expression data in mechanistic pain studies on pig dorsal root ganglia and spinal cord. <b>2017</b> , 114, 493-501	12

687	Selection and validation of reference genes for RT-qPCR indicates that juice of sugarcane varieties modulate the expression of C metabolism genes in the endophytic diazotrophic <i>Herbaspirillum rubrisubalbicans</i> strain HCC103. <b>2017</b> , 110, 1555-1568	1
686	quantGenius: implementation of a decision support system for qPCR-based gene quantification. <b>2017</b> , 18, 276	27
685	A rapid and efficient method for uniform gene expression using the barley stripe mosaic virus. <b>2017</b> , 13, 24	14
684	Ct shift: A novel and accurate real-time PCR quantification model for direct comparison of different nucleic acid sequences and its application for transposon quantifications. <b>2017</b> , 598, 43-49	6
683	ST2 from rainbow trout quenches TLR signalling, localises at the nuclear membrane and allows the nuclear translocation of MYD88. <b>2017</b> , 67, 139-152	8
682	Clinical utility of bronchoalveolar lavage cytomegalovirus viral loads in the diagnosis of cytomegalovirus pneumonitis in infants. <b>2017</b> , 89, 1080-1087	10
681	Alternative splicing provides a proactive mechanism for the diurnal CONSTANS dynamics in <i>Arabidopsis</i> photoperiodic flowering. <b>2017</b> , 89, 128-140	18
680	Sugarcane Water Stress Tolerance Mechanisms and Its Implications on Developing Biotechnology Solutions. <b>2017</b> , 8, 1077	62
679	Identification of Optimal Reference Genes for Expression Analysis in Radish (L.) and Its Relatives Based on Expression Stability. <b>2017</b> , 8, 1605	33
678	Design and Experimental Evolution of trans-Splicing Group I Intron Ribozymes. <b>2017</b> , 22,	9
677	Evaluation of Non-destructive Molecular Diagnostics for the Detection of <i>Neoparamoeba perurans</i> . <b>2017</b> , 4,	17
676	xMAP Technology: Applications in Detection of Pathogens. <b>2017</b> , 8, 55	57
675	A Basic Guide to Real Time PCR in Microbial Diagnostics: Definitions, Parameters, and Everything. <b>2017</b> , 8, 108	285
674	An ErChen and YinChen Decoction Ameliorates High-Fat-Induced Nonalcoholic Steatohepatitis in Rats by Regulating JNK1 Signaling Pathway. <b>2017</b> , 2017, 4603701	5
673	UDP and NTF2 are the most consistently expressed genes in <i>Panax ginseng</i> roots at different growth stages. <b>2017</b> , 15, 4382-4390	0
672	Selection and validation of reference genes for qRT-PCR analysis during biological invasions: The thermal adaptability of <i>Bemisia tabaci</i> MED. <b>2017</b> , 12, e0173821	25
671	Validation of qPCR reference genes in lymphocytes from patients with amyotrophic lateral sclerosis. <b>2017</b> , 12, e0174317	9
670	Selection and validation of reference genes for quantitative real-time PCR analysis under different experimental conditions in the leafminer <i>Liriomyza trifolii</i> (Diptera: Agromyzidae). <b>2017</b> , 12, e0181862	26

669	A tissue-based approach to selection of reference genes for quantitative real-time PCR in a sheep osteoporosis model. <b>2017</b> , 18, 975	14
668	Selection of reliable reference genes for the normalisation of gene expression levels following time course LPS stimulation of murine bone marrow derived macrophages. <b>2017</b> , 18, 43	16
667	Development and Field Application of a Model Predicting Effects of Episodic Hypoxia on Short-Term Growth of Spot. <b>2017</b> , 9, 504-520	0
666	Genetic characteristics of polycistronic system-mediated randomly-inserted multi-transgenes in miniature pigs and mice. <b>2018</b> , 17, 37-50	
665	ARK5 promotes invasion and migration in hepatocellular carcinoma cells by regulating epithelial-mesenchymal transition. <b>2018</b> , 15, 1511-1516	6
664	The Comparison of Antibodies Raised Against PLRV with Two Different Approaches - Viral Particles Purification and Recombinant Production of CP. <b>2017</b> , 08,	2
663	Molecular Technologies for the Detection and Characterisation of Food-Borne Pathogens. <b>2017</b> , 187-203	
662	ABC Assay: Method Development and Application to Quantify the Role of Three DWV Master Variants in Overwinter Colony Losses of European Honey Bees. <b>2017</b> , 9,	46
661	Cloning and evaluation of reference genes for quantitative real-time PCR analysis in. <b>2017</b> , 5, e3260	6
660	Reverse-transcription quantitative PCR directly from cells without RNA extraction and without isothermal reverse-transcription: a 'zero-step' RT-qPCR protocol. <b>2017</b> , 2, bpx008	3
659	Validation of reference genes for real-time quantitative polymerase chain reaction analysis in <i>Lactobacillus plantarum</i> R23 under sulfur dioxide stress conditions. <b>2018</b> , 24, 390-395	1
658	An oilseed rape WRKY-type transcription factor regulates ROS accumulation and leaf senescence in <i>Nicotiana benthamiana</i> and <i>Arabidopsis</i> through modulating transcription of <i>RbohD</i> and <i>RbohF</i> . <b>2018</b> , 247, 1323-1338	35
657	Effect of propionamide on the growth of <i>Microcystis flos-aquae</i> colonies and the underlying physiological mechanisms. <b>2018</b> , 630, 526-535	15
656	Inhibitory effect of Thai propolis on human osteoclastogenesis. <b>2018</b> , 34, 237	5
655	Selecting and validating reference genes for quantitative real-time PCR in <i>Plutella xylostella</i> (L.). <b>2018</b> , 61, 349-358	8
654	The potential of three different PCR-related approaches for the authentication of mixtures of herbal substances and finished herbal medicinal products. <b>2018</b> , 43, 60-67	4
653	Hsa-let-7c controls the committed differentiation of IGF-1-treated mesenchymal stem cells derived from dental pulps by targeting IGF-1R via the MAPK pathways. <b>2018</b> , 50, 1-14	28
652	Enhanced <i>Fusarium oxysporum</i> f. sp. <i>tuberosi</i> Resistance in Transgenic Potato Expressing a Rice GLP Superoxide Dismutase Gene. <b>2018</b> , 95, 383-394	4

651	Assessment of DNA Contamination in RNA Samples Based on Ribosomal DNA. <b>2018</b> ,	4
650	Thymoquinone alleviates the experimentally induced Alzheimer's disease inflammation by modulation of TLRs signaling. <b>2018</b> , 37, 1092-1104	33
649	Advances in Transcriptomics of Plants. <b>2018</b> , 164, 161-185	11
648	In vitro methods for testing antiviral drugs. <b>2018</b> , 36, 557-576	22
647	Real-Time Reverse Transcription PCR as a Tool to Study Virulence Gene Regulation in Bacterial Pathogens. <b>2018</b> , 1734, 23-32	2
646	Nuclear localization of EIF4G3 suggests a role for the XY body in translational regulation during spermatogenesis in mice. <b>2018</b> , 98, 102-114	17
645	Stem cell-like populations and immunoregulatory molecules in periodontal granulation tissue. <b>2018</b> , 53, 610-621	10
644	Development of a Plasmid-Free Biosynthetic Pathway for Enhanced Muconic Acid Production in <i>Pseudomonas chlororaphis</i> HT66. <b>2018</b> , 7, 1131-1142	16
643	Limited reverse transcriptase activity of phi29 DNA polymerase. <b>2018</b> , 46, 3625-3632	10
642	Variability of the Expression of Reference Genes in Samples of Human Olfactory Epithelium. <b>2018</b> , 164, 655-657	
641	Identification of SNPs involved in regulating a novel alternative transcript of P450 CYP6ER1 in the brown planthopper. <b>2018</b> , 25, 726-738	6
640	DNA-directed assembly of copper nanoblocks with inbuilt fluorescent and electrochemical properties: Application in simultaneous amplification-free analysis of multiple RNA species. <b>2018</b> , 11, 940-952	26
639	Identification of optimal reference genes for transcriptomic analyses in normal and diseased human heart. <b>2018</b> , 114, 247-258	23
638	The hatching process and mechanisms of adaptive hatching acceleration in hourglass treefrogs, <i>Dendropsophus ebraccatus</i> . <b>2018</b> , 217, 63-74	3
637	Diurnal Temperature Range and Chikungunya Virus Infection in Invasive Mosquito Vectors. <b>2018</b> , 55, 217-224	16
636	Resistance Genes in <i>Piper colubrinum</i> : In Silico Survey From Leaf Transcriptome and Expression Studies Upon Challenge Inoculation with <i>Phytophthora capsici</i> . <b>2018</b> , 184, 987-1008	3
635	Silencing tyrosine hydroxylase retards depression of immunocompetence of <i>Litopenaeus vannamei</i> under hypothermal stress. <b>2018</b> , 72, 519-527	9
634	Development of a Real-Time RT-PCR for the Universal Detection of LChV1 and Study of the Seasonal Fluctuation of the Viral Titer in Sweet Cherry Cultivars. <b>2018</b> , 102, 899-904	7

633	Trustworthy Identification of Resistance Biomarkers of <i>Bacillus weihenstephanensis</i> : Workflow of the Quality Assurance Procedure. <b>2018</b> , 11, 921-932	2
632	Validation of Reference Genes for Expression Studies in Human Meningiomas under Different Experimental Settings. <b>2018</b> , 55, 5787-5797	4
631	Gene expression studies of reference genes for quantitative real-time PCR: an overview in insects. <b>2018</b> , 40, 227-236	58
630	Bone Marrow-Derived Mesenchymal Stromal Cells Enhanced by Platelet-Rich Plasma Maintain Adhesion to Scaffolds in Arthroscopic Simulation. <b>2018</b> , 34, 872-881	13
629	Reusable building blocks in biological systems. <b>2018</b> , 15, 20180595	3
628	Maternal and paternal nutrition in a mosquito influences offspring life histories but not infection with an arbovirus. <b>2018</b> , 9, e02469	15
627	Evidence of Alternative Splicing as a Regulatory Mechanism for Kissr2 in Pejerrey Fish. <b>2018</b> , 9, 604	10
626	Recommendations for improving accuracy of gene expression data in bone and cartilage tissue engineering. <b>2018</b> , 8, 14874	6
625	Selection and evaluation of potential reference genes for gene expression analysis in greenbug ( <i>Schizaphis graminum</i> Rondani). <b>2018</b> , 17, 2054-2065	10
624	Detection of Tilapia Lake Virus Using Conventional RT-PCR and SYBR Green RT-qPCR. <b>2018</b> ,	6
623	Introducing nano-scale quantitative polymerase chain reaction. <b>2018</b> , 506, 923-926	5
622	Polypyrimidine tract-binding protein blocks miRNA-124 biogenesis to enforce its neuronal-specific expression in the mouse. <b>2018</b> , 115, E11061-E11070	11
621	Two-component cyclase opsins of green algae are ATP-dependent and light-inhibited guanylyl cyclases. <b>2018</b> , 16, 144	29
620	Evaluation of internal control genes for quantitative realtime PCR analyses for studying fruit development of dwarf tomato cultivar 'Micro-Tom'. <b>2018</b> , 35, 225-235	6
619	Diagnosis of Viral Infection Using Real-time Polymerase Chain Reaction. <b>2018</b> , 48, 1	1
618	Gold nanoparticles - an optical biosensor for RNA quantification for cancer and neurologic disorders diagnosis. <b>2018</b> , 13, 8137-8151	7
617	Nucleic Acids   RNA Identification and Quantification via RT-qPCR. <b>2018</b> , 35-35	
616	A new set of reference housekeeping genes for the normalization RT-qPCR data from the intestine of piglets during weaning. <b>2018</b> , 13, e0204583	9

615	Quantification of RNA by Real-Time Reverse Transcription-Polymerase Chain Reaction (RT-PCR). <b>2018</b> , 2018,	10
614	Reference Gene Selection for Quantitative Real-Time Reverse-Transcriptase PCR in Annual Ryegrass ( <i>Lolium multiflorum</i> ) Subjected to Various Abiotic Stresses. <b>2018</b> , 23,	19
613	Identification of valid reference genes for circadian gene-expression studies in human mammary epithelial cells. <b>2018</b> , 35, 1689-1701	6
612	Intracellular RNA-tracking methods. <b>2018</b> , 8,	12
611	Selection and validation of suitable reference genes for qPCR gene expression analysis in goats and sheep under Peste des petits ruminants virus (PPRV), lineage IV infection. <b>2018</b> , 8, 15969	4
610	AMPA receptors and seizures mediate hippocampal radial glia-like stem cell proliferation. <b>2018</b> , 66, 2397-2413	7
609	Identification and characterization of skin color microRNAs in Koi carp ( <i>Cyprinus carpio</i> L.) by Illumina sequencing. <b>2018</b> , 19, 779	15
608	Group I Intron-Based Therapeutics Through Trans-Splicing Reaction. <b>2018</b> , 159, 79-100	2
607	Validation of Internal Control Genes for Quantitative Real-Time PCR Gene Expression Analysis in. <b>2018</b> , 23,	15
606	Immunomodulation of IL-1, IL-6 and IL-8 cytokines by alkaloids during bovine sub-clinical mastitis. <b>2018</b> , 8, 409	8
605	Optimal reference genes for normalization of qPCR gene expression data from proton and photon irradiated dermal fibroblasts. <b>2018</b> , 8, 12688	3
604	Plant Genetics and Molecular Biology. <b>2018</b> ,	4
603	Acetolactate Synthase Overexpression in Mesosulfuron-Methyl-Resistant Shortawn Foxtail ( <i>Alopecurus aequalis</i> Sobol.): Reference Gene Selection and Herbicide Target Gene Expression Analysis. <b>2018</b> , 66, 9624-9634	13
602	Seasonal N <sub>2</sub> O emissions respond differently to environmental and microbial factors after fertilization in wheat/maize agroecosystem. <b>2018</b> , 112, 215-229	8
601	Selection and evaluation of housekeeping genes as endogenous controls for quantification of mRNA transcripts in <i>Theileria parva</i> using quantitative real-time polymerase chain reaction (qPCR). <b>2018</b> , 13, e0196715	8
600	Rapid and simultaneous detection of <i>Salmonella</i> spp., <i>Escherichia coli</i> O157, and <i>Listeria</i> monocytogenes by magnetic capture hybridization and multiplex real-time PCR. <b>2018</b> , 63, 735-742	12
599	Poly-adenine-mediated fluorescent spherical nucleic acid probes for live-cell imaging of endogenous tumor-related mRNA. <b>2018</b> , 14, 1797-1807	11
598	Experimental Study of Phlebitis Ointment Administration in Acute Superficial Thrombophlebitis. <b>2018</b> , 2018, 2983195	1

597	A novel specific duplex real-time RT-PCR method for absolute quantitation of Grapevine Pinot gris virus in plant material and single mites. <b>2018</b> , 13, e0197237	7
596	Formation of Sublethally Injured <i>Yersinia enterocolitica</i> , <i>Escherichia coli</i> O157:H7, and <i>Salmonella enterica</i> Seroovar Enteritidis Cells after Neutral Electrolyzed Oxidizing Water Treatments. <b>2018</b> , 84,	14
595	A TaqMan RT-qPCR assay for tilapia lake virus (TiLV) detection in tilapia. <b>2018</b> , 497, 184-188	23
594	Identification of appropriate reference genes for local immune-related studies in Morada Nova sheep infected with <i>Haemonchus contortus</i> . <b>2018</b> , 45, 1253-1262	3
593	Impact of genetic drift, selection and accumulation level on virus adaptation to its host plants. <b>2018</b> , 19, 2575-2589	10
592	Isolation and Characterization of the Flavonol Regulator CcMYB12 From the Globe Artichoke [ var. (L.) Fiori]. <b>2018</b> , 9, 941	19
591	COP9 signalosome subunit 5A affects phenylpropanoid metabolism, trichome formation and transcription of key genes of a regulatory tri-protein complex in <i>Arabidopsis</i> . <b>2018</b> , 18, 134	8
590	Oligodendrogloma Cells Lack Glutamine Synthetase and Are Auxotrophic for Glutamine, but Do not Depend on Glutamine Anaplerosis for Growth. <b>2018</b> , 19,	12
589	Transmission potential of Mayaro virus in Florida <i>Aedes aegypti</i> and <i>Aedes albopictus</i> mosquitoes. <b>2018</b> , 32, 436-442	41
588	Validation of reference genes for quantitative real-time PCR in tiger beetles across sexes, body parts, sexual maturity and immune challenge. <b>2018</b> , 8, 10743	8
587	The Induction of Bone Formation: The Translation Enigma. <b>2018</b> , 6, 74	13
586	Identification of Reference Genes for Normalizing Quantitative Real-Time PCR in <i>Urechis unicinctus</i> . <b>2018</b> , 17, 614-622	1
585	MicroRNA expression in bovine preimplantation embryos. <b>2018</b> , 30, 546-554	6
584	Validation of Reference Genes in Mussel <i>Mytilus galloprovincialis</i> Tissues under the Presence of Okadaic Acid. <b>2018</b> , 37, 93-101	7
583	Validated reverse transcription droplet digital PCR serves as a higher order method for absolute quantification of Potato virus Y strains. <b>2018</b> , 410, 3815-3825	20
582	Quantification of plasmid DNA standards for U.S. EPA fecal indicator bacteria qPCR methods by droplet digital PCR analysis. <b>2018</b> , 152, 135-142	7
581	Free Circulating miRNAs Measurement in Clinical Settings: The Still Unsolved Issue of the Normalization. <b>2018</b> , 87, 113-139	27
580	Selection and evaluation of reference genes for gene expression using quantitative real-time PCR in <i>Mythimna separata walker</i> (Lepidoptera: Noctuidae). <b>2018</b> , 48, 390	2

579	Optimization of cationic (Q)-paper for detection of arboviruses in infected mosquitoes. <b>2018</b> , 261, 71-79	4
578	The NETest: The Clinical Utility of Multigene Blood Analysis in the Diagnosis and Management of Neuroendocrine Tumors. <b>2018</b> , 47, 485-504	49
577	Enzyme-free digital counting of endogenous circular RNA molecules in B-cell malignancies. <b>2018</b> , 98, 1657-1669	60
576	Single neuron serotonin receptor subtype gene expression correlates with behaviour within and across three molluscan species. <b>2018</b> , 285,	10
575	Chikungunya virus vector competency of Brazilian and Florida mosquito vectors. <b>2018</b> , 12, e0006521	19
574	The structural and proteomic analysis of <i>Spiroplasma eriocheiris</i> in response to colchicine. <b>2018</b> , 8, 8577	1
573	Selection and validation of reference genes for quantitative gene expression analyses in black locust ( <i>Robinia pseudoacacia</i> L.) using real-time quantitative PCR. <b>2018</b> , 13, e0193076	11
572	Techniques for Nucleic Acid Engineering. <b>2018</b> , 247-315	4
571	Characterization of Transcriptional Activities. <b>2019</b> , 830-841	
570	Imaging Gene Expression. <b>2019</b> ,	
569	Analyzing magnetic bead QuantiGene <sup>®</sup> Plex 2.0 gene expression data in high throughput mode using QGprofiler. <b>2019</b> , 20, 378	2
568	Comparative in Vitro Cytotoxicity of Realistic Doses of Benchmark Multi-Walled Carbon Nanotubes towards Macrophages and Airway Epithelial Cells. <b>2019</b> , 9,	13
567	The white spot syndrome virus hijacks the expression of the <i>Penaeus vannamei</i> Toll signaling pathway to evade host immunity and facilitate its replication. <b>2019</b> , 92, 905-912	6
566	Selection of reference genes for flowering pathway analysis in the masting plants, <i>Celmisia lyallii</i> and <i>Chionochloa pallens</i> , under variable environmental conditions. <b>2019</b> , 9, 9767	7
565	Treatment of hepatotoxicity induced by $\beta$ -radiation using platelet-rich plasma and/or low molecular weight chitosan in experimental rats. <b>2019</b> , 95, 1517-1528	
564	Diurnal variation in opsin expression and common housekeeping genes necessitates comprehensive normalization methods for quantitative real-time PCR analyses. <b>2019</b> , 19, 1447-1460	9
563	Selection of reference genes for <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) feeding on different diets. <b>2019</b> , 22, 1115-1122	5
562	Optimal use of statistical methods to validate reference gene stability in longitudinal studies. <b>2019</b> , 14, e0219440	15

561	Flavonoid Biosynthesis Is Likely More Susceptible to Elevation and Tree Age Than Other Branch Pathways Involved in Phenylpropanoid Biosynthesis in Leaves. <b>2019</b> , 10, 983	16
560	Nonlinear Multimodal Imaging Characteristics of Early Septic Liver Injury in a Mouse Model of Peritonitis. <b>2019</b> , 91, 11116-11121	9
559	Effects of phenol on glutathione S-transferase expression and enzyme activity in <i>Chironomus kiiensis</i> larvae. <b>2019</b> , 28, 754-762	4
558	General Geochemistry and Microbiology Techniques. <b>2019</b> , 3-60	
557	Selection of reference genes for normalization of cranberry ( <i>Vaccinium macrocarpon</i> Ait.) gene expression under different experimental conditions. <b>2019</b> , 14, e0224798	2
556	Expression of / subfamily members and oxylipin levels during LPS-induced inflammation and resolution in mice. <b>2019</b> , 33, 14784-14797	3
555	Identification of Reference Genes for Quantitative Gene Expression Studies in <i>Pinus massoniana</i> and Its Introgression Hybrid. <b>2019</b> , 10, 787	2
554	Visualization of Single mRNAs in Live Neurons. <b>2019</b> , 2038, 47-61	1
553	Selection of an inadequate housekeeping gene leads to misinterpretation of target gene expression in zinc deficiency and zinc supplementation models. <b>2019</b> , 56, 192-197	4
552	Selection of suitable reference genes for qRT-PCR analysis of <i>Begonia semperflorens</i> under stress conditions. <b>2019</b> , 46, 6027-6037	2
551	The high-density lipoprotein receptor <i>Scarb1</i> is required for normal bone differentiation in vivo and in vitro. <b>2019</b> , 99, 1850-1860	7
550	Selection of reference genes for quantitative real-time PCR analysis of photosynthesis-related genes expression in. <b>2019</b> , 25, 1497-1506	5
549	An Experimental Approach to Rigorously Assess Paneth Cell Defensin (Defa) mRNA Expression in C57BL/6 Mice. <b>2019</b> , 9, 13115	9
548	Diurnal expression of ABC and SLC transporters in jejunum is modulated by adrenalectomy. <b>2019</b> , 226, 108607	5
547	Identification and validation of potential reference gene for effective dsRNA knockdown analysis in <i>Chilo partellus</i> . <b>2019</b> , 9, 13629	12
546	Use of a Purpose-Built Impression Cytology Device for Gene Expression Quantification at the Ocular Surface Using Quantitative PCR and Droplet Digital PCR. <b>2019</b> , 38, 127-133	5
545	Linking nutrient stoichiometry to Zika virus transmission in a mosquito. <b>2019</b> , 191, 1-10	6
544	RNA-seq-based selection of reference genes for RT-qPCR analysis of pitaya. <b>2019</b> , 9, 1403-1412	9

543	Evaluation of Appropriate Reference Genes For Investigating Gene Expression in <i>Chlorops oryzae</i> (Diptera: Chloropidae). <b>2019</b> , 112, 2207-2214	2
542	A novel data processing method CyC* for quantitative real time polymerase chain reaction minimizes cumulative error. <b>2019</b> , 14, e0218159	2
541	Fluorescence in Industry. <b>2019</b> ,	2
540	qPCR data analysis: Better results through iconoclasm. <b>2019</b> , 17, 100084	5
539	Robust reference gene design and validation for expression studies in the large milkweed bug, <i>Oncopeltus fasciatus</i> , upon cardiac glycoside stress. <b>2019</b> , 710, 66-75	5
538	Big Data to the Bench: Transcriptome Analysis for Undergraduates. <b>2019</b> , 18, ar19	1
537	An annual cycle of gene regulation in the red-legged salamander mental gland: from hypertrophy to expression of rapidly evolving pheromones. <b>2019</b> , 19, 10	4
536	Vector Competence of (Diptera: Ceratopogonidae) for Epizootic Hemorrhagic Disease Virus Serotype 2 Strains from Canada and Florida. <b>2019</b> , 11,	4
535	Medroxyprogesterone Acetate Decreases Th1, Th17, and Increases Th22 Responses via AHR Signaling Which Could Affect Susceptibility to Infections and Inflammatory Disease. <b>2019</b> , 10, 642	10
534	A Mismatch-Tolerant Reverse Transcription Loop-Mediated Isothermal Amplification Method and Its Application on Simultaneous Detection of All Four Serotype of Dengue Viruses. <b>2019</b> , 10, 1056	25
533	Framework for DNA Quantification and Outlier Detection Using Multidimensional Standard Curves. <b>2019</b> , 91, 7426-7434	10
532	Validation of reference genes for quantitative real-time polymerase chain reaction in <i>Drosophila melanogaster</i> exposed to two chemicals. <b>2019</b> , 49, 277-283	3
531	Enzyme-Driven Assembly and Disassembly of Hybrid DNA-RNA Nanotubes. <b>2019</b> , 141, 7831-7841	37
530	Afferent neuropeptide Y projections to the ventral tegmental area in normal-weight male Wistar rats. <b>2019</b> , 527, 2659-2674	12
529	Phospholipase C zeta 1 mRNA as a marker of oocyte-activation and fertilization potential of water buffalo ( <i>Bubalus bubalis</i> ) semen. <b>2019</b> , 225, 103-108	
528	HSP27 expression in the human peripheral blood mononuclear cells as an early prognostic biomarker in coronary artery disease patients. <b>2019</b> , 13, 1791-1795	5
527	Time-Gated Luminescence Acquisition for Biochemical Sensing: miRNA Detection. <b>2019</b> , 213-267	2
526	Evaluating the applicability of mouse SINEs as an alternative normalization approach for RT-qPCR in brain tissue of the APP23 model for Alzheimer's disease. <b>2019</b> , 320, 128-137	5

525	Minor groove binder modification of widely used TaqMan hydrolysis probe for detection of dengue virus reduces risk of false-negative real-time PCR results for serotype 4. <b>2019</b> , 268, 17-23	1
524	Transcriptome analysis of beta-lactamase genes in diarrheagenic <i>Escherichia coli</i> . <b>2019</b> , 9, 3626	13
523	Identification of Reference Genes for Quantitative Gene Expression Studies in Three Tissues of Japanese Quail. <b>2019</b> , 10,	6
522	A review of direct polymerase chain reaction of DNA and RNA for forensic purposes. <b>2019</b> , e1335	6
521	Selection of Reference Genes for Expression Analysis in Chinese Medicinal Herb. <b>2019</b> , 10, 44	6
520	Involvement of a novel protein kinase C (nPKC) in immunocompetence in hemocytes of white shrimp, <i>Litopenaeus vannamei</i> . <b>2019</b> , 87, 590-599	5
519	Validation of housekeeping genes as candidate internal references for quantitative expression studies in healthy and nervous necrosis virus-infected seven-band grouper ( <i>Hyporhamphus septemfasciatus</i> ). <b>2019</b> , 22,	5
518	Identification and characterization of the GmRD26 soybean promoter in response to abiotic stresses: potential tool for biotechnological application. <b>2019</b> , 19, 79	8
517	Real-time PCR for direct aptamer quantification on functionalized graphene surfaces. <b>2019</b> , 9, 19311	8
516	Selection of reference genes for quantitative real-time polymerase chain reaction normalization in <i>Bradysia odoriphaga</i> (Diptera: Sciaridae). <b>2019</b> , 22, 422-436	6
515	Soluble Fiber and Insoluble Fiber Regulate Colonic Microbiota and Barrier Function in a Piglet Model. <b>2019</b> , 2019, 7809171	20
514	An assessment of the multifactorial profile of steroid-metabolizing enzymes and steroid receptors in the eutopic endometrium during moderate to severe ovarian endometriosis. <b>2019</b> , 17, 111	6
513	Selection of valid reference genes for quantitative real-time PCR in <i>Cotesia chilonis</i> (Hymenoptera: Braconidae) exposed to different temperatures. <b>2019</b> , 14, e0226139	8
512	The impact of translational studies in the current management of osteoporosis. <b>2019</b> , 3, 9-9	
511	Circulating miRNA or circulating DNA? Potential biomarkers for organ transplant rejection. <b>2019</b> , 26, e12444	0
510	What's the norm in normalization? A frightening note on the use of RT-qPCR in the livestock science. <b>2019</b> , 721S, 100003	3
509	Fully Packaged Portable Thin Film Biosensor for the Direct Detection of Highly Pathogenic Viruses from On-Site Samples. <b>2019</b> , 13, 812-820	19
508	Selection of endogenous reference genes for qRT-PCR analysis in <i>Camelina sativa</i> and identification of FLOWERING LOCUS C allele-specific markers to differentiate summer- and winter-biotypes. <b>2019</b> , 129, 495-502	16

507	Express and portable label-free DNA detection and recognition with SERS platform based on functional Au grating. <b>2019</b> , 470, 219-227	29
506	Titer Variation of Citrus Tristeza Virus in Aphids at Different Acquisition Access Periods and Its Association with Transmission Efficiency. <b>2019</b> , 103, 874-879	1
505	Leaf epidermis transcriptome reveals drought-Induced hormonal signaling for stomatal regulation in wild barley. <b>2019</b> , 87, 39-54	16
504	Screening of reference genes using real-time quantitative PCR for gene expression studies in Hughes (Acari: Phytoseiidae). <b>2019</b> , 109, 443-452	3
503	Bioactive Glasses in Gene Regulation and Proliferation. <b>2019</b> , 175-200	
502	Application of mesenchymal stem cells to enhance non-union bone fracture healing. <b>2019</b> , 107, 301-311	14
501	Causative agent, diagnosis and management of white spot disease in shrimp: A review. <b>2020</b> , 12, 822-865	21
500	Relative and Absolute Expression Analysis of MicroRNAs Associated with Luminal A Breast Cancer-A Comparison. <b>2020</b> , 26, 833-844	9
499	Novel protein kinase C participates catecholamine biosynthesis and immunocompetence modulation in haemocytes of <i>Litopenaeus vannamei</i> . <b>2020</b> , 103, 103504	4
498	Effects of soluble and insoluble dietary fiber supplementation on growth performance, nutrient digestibility, intestinal microbe and barrier function in weaning piglet. <b>2020</b> , 260, 114335	24
497	Knockout of the non-essential gene SUGCT creates diet-linked, age-related microbiome disbalance with a diabetes-like metabolic syndrome phenotype. <b>2020</b> , 77, 3423-3439	5
496	Validation of reference genes for gene expression analysis following experimental traumatic brain injury in a pediatric mouse model. <b>2020</b> , 156, 43-49	7
495	Reference gene selection and validation by qRT-PCR during flower development and in different organs of <i>Primula forbesii</i> . <b>2020</b> , 95, 383-394	4
494	Length-dependent toxicity of TiO nanofibers: mitigation via shortening. <b>2020</b> , 14, 433-452	8
493	Biolistic-mediated oil palm transformation with alfalfa glucanase (AGLU1) and rice chitinase (RCH10) genes for increasing oil palm resistance towards <i>Ganoderma boninense</i> . <b>2020</b> , 144, 112008	5
492	The optimal compound reference genes for qRT-PCR analysis in the developing rat long bones under physiological conditions and prenatal dexamethasone exposure model. <b>2020</b> , 98, 242-251	4
491	Selecting suitable reference genes for qPCR normalization: a comprehensive analysis in MCF-7 breast cancer cell line. <b>2020</b> , 21, 68	6
490	Selection of endogenous control genes for normalising gene expression data derived from formalin-fixed paraffin-embedded tumour tissue. <b>2020</b> , 10, 17258	3

489	Messenger RNA enrichment using synthetic oligo(T) click nucleic acids. <b>2020</b> , 56, 13987-13990	4
488	Specific Real-Time PCR for the Detection and Absolute Quantitation of Grapevine Roditis Leaf Discoloration-Associated Virus, an EPPO Alert Pathogen. <b>2020</b> , 9,	0
487	Sphingosine 1-phosphate protects against radiation-induced ovarian injury in female rats-impact on mitochondrial-related genes. <b>2020</b> , 18, 99	1
486	Comparison and clinical validation of qPCR assays targeting Leishmania 18S rDNA and HSP70 genes in patients with American Tegumentary Leishmaniasis. <b>2020</b> , 14, e0008750	3
485	Development of Sarcophaga dux (diptera: Sarcophagidae) at constant temperatures and differential gene expression for age estimation of the pupae. <b>2020</b> , 93, 102735	4
484	Effect of Oral Infection of Mayaro Virus on Fitness Correlates and Expression of Immune Related Genes in. <b>2020</b> , 12,	2
483	Role of novel protein kinase C in neuroendocrine-immune regulatory network in haemocytes of Litopenaeus vannamei: An in vitro approach. <b>2020</b> , 105, 53-61	2
482	An assumption-free quantitative polymerase chain reaction method with internal standard. <b>2020</b> , 220, 121405	0
481	A new set of reference genes for comparative gene expression analyses in Yarrowia lipolytica. <b>2020</b> , 20,	2
480	KRAS-regulated glutamine metabolism requires UCP2-mediated aspartate transport to support pancreatic cancer growth. <b>2020</b> , 2, 1373-1381	19
479	High-Throughput Method for Detection of Arbovirus Infection of Saliva in Mosquitoes and. <b>2020</b> , 12,	0
478	Standardization of BCR-ABL1 p210 Monitoring: From Nested to Digital PCR. <b>2020</b> , 12,	2
477	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. <b>2020</b> , 167, 112474	8
476	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. <b>2020</b> , 132, 20279-20286	6
475	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. <b>2020</b> , 59, 20104-20111	17
474	Evaluation of Reference Genes and Age Estimation of Forensically Useful Aldrichina grahami (Diptera: Calliphoridae) During Intrapuparial Period. <b>2021</b> , 58, 47-55	2
473	Glycyrrhizin Blocks the Detrimental Effects of HMGB1 on Cortical Neurogenesis After Traumatic Neuronal Injury. <b>2020</b> , 10,	2
472	Cyclic AMP mediates heat stress response by the control of redox homeostasis and ubiquitin-proteasome system. <b>2020</b> , 43, 2727-2742	7

471	The Epistemology of a Positive SARS-CoV-2 Test. <b>2021</b> , 69, 359-375	1
470	High-Fat Diet Alters the Expression of Reference Genes in Male Mice. <b>2020</b> , 7, 589771	6
469	CoV2-ID, a MIQE-compliant sub-20-min 5-plex RT-PCR assay targeting SARS-CoV-2 for the diagnosis of COVID-19. <b>2020</b> , 10, 22214	11
468	RNA- and DNA-Based Identification of Body Fluids. <b>2020</b> , 87-104	0
467	Expression and Localization of Paneth Cells and Their $\alpha$ -Defensins in the Small Intestine of Adult Mouse. <b>2020</b> , 11, 570296	7
466	Analysis of a Marseillevirus Transcriptome Reveals Temporal Gene Expression Profile and Host Transcriptional Shift. <b>2020</b> , 11, 651	10
465	Genes involved in glucocorticoid receptor signalling affect susceptibility to mood disorders. <b>2021</b> , 22, 149-160	1
464	Genotype-Dependent Gene Expression in Strawberry ( <i>Fragaria x ananassa</i> ) Plants Under High Temperature Stress. <b>2020</b> , 58, 848-866	2
463	Selection of stable reference genes for gene expression analysis in sweet potato ( <i>Ipomoea batatas</i> L.). <b>2020</b> , 53, 101610	3
462	Reference gene selection and validation for mRNA expression analysis by RT-qPCR in murine M1- and M2-polarized macrophage. <b>2020</b> , 47, 2735-2748	3
461	Data on analysis of OCC-1 transcript levels in pluripotent and differentiated states of P19'cells. <b>2020</b> , 29, 105367	
460	One-Step Reverse-Transcription Digital PCR for Reliable Quantification of Different Pepino Mosaic Virus Genotypes. <b>2020</b> , 9,	5
459	Single-molecule analysis of nucleic acid biomarkers - A review. <b>2020</b> , 1115, 61-85	15
458	Candidate Genes for Freezing and Drought Tolerance Selected on the Basis of Proteome Analysis in Doubled Haploid Lines of Barley. <b>2020</b> , 21,	5
457	Identification of candidate reference genes for quantitative RT-PCR in <i>Miscanthus sinensis</i> subjected to various abiotic stresses. <b>2020</b> , 47, 2913-2927	2
456	Availability-Driven Design of Hairpin Fuels and Small Interfering Strands for Leakage Reduction in Autocatalytic Networks. <b>2020</b> , 124, 3326-3335	4
455	Functional Consequences of Low Activity of Transport System A for Neutral Amino Acids in Human Bone Marrow Mesenchymal Stem Cells. <b>2020</b> , 21,	4
454	Altered Long Non-coding RNAs Involved in Immunological Regulation and Associated with Choroidal Neovascularization in Mice. <b>2020</b> , 17, 292-301	6

453	Targeted migration of pterophorin-S indicates extensive extracellular matrix dynamics in <i>Volvox carteri</i> . <b>2020</b> , 103, 2301-2317	1
452	Recent trends in molecular techniques for food pathogen detection. <b>2020</b> , 177-285	1
451	Real-time PCR for identification of five species of <i>Cryptolestes</i> based on COI barcode region. <b>2020</b> , 87, 101623	1
450	GATA Binding Protein 3 Is a Direct Target of Kruppel-Like Transcription Factor 7 and Inhibits Chicken Adipogenesis. <b>2020</b> , 11, 610	4
449	Critique of the pairwise method for estimating qPCR amplification efficiency: beware of correlated data!. <b>2020</b> , 21, 291	
448	Quantitative polymerase chain reaction offers improved diagnostic and analytical sensitivity in identifying differential microsporidium ( <i>Loma morhua</i> ) infections among family lines of cultured Atlantic cod ( <i>Gadus morhua</i> ). <b>2020</b> , 527, 735416	2
447	Selection and evaluation of appropriate reference genes for RT-qPCR based expression analysis in <i>Candida tropicalis</i> following azole treatment. <b>2020</b> , 10, 1972	7
446	Selection and validation of suitable reference genes for quantitative real time PCR analysis of gene expression studies in patchouli under <i>Meloidogyne incognita</i> attack and PGPR treatment. <b>2020</b> , 19, 100625	2
445	Detection of Eight Respiratory Bacterial Pathogens Based on Multiplex Real-Time PCR with Fluorescence Melting Curve Analysis. <b>2020</b> , 2020, 2697230	6
444	Interaction of field realistic doses of clothianidin and <i>Varroa destructor</i> parasitism on adult honey bee ( <i>Apis mellifera</i> L.) health and neural gene expression, and antagonistic effects on differentially expressed genes. <b>2020</b> , 15, e0229030	15
443	Transcriptome analysis of phototransduction-related genes in tentacles of the sea cucumber <i>Apostichopus japonicus</i> . <b>2020</b> , 34, 100675	1
442	Highly degraded RNA can still provide molecular information: An in vitro approach. <b>2020</b> , 41, 386-393	4
441	RT-qPCR Testing of SARS-CoV-2: A Primer. <b>2020</b> , 21,	81
440	Saliva in Health and Disease. <b>2020</b> ,	2
439	Validation of Reference Genes for Quantitative Gene Expression Studies in <i>Octopus minor</i> . <b>2020</b> , 55, 183-191	0
438	Molecular Biomarkers for Spinal Muscular Atrophy: A Systematic Review. <b>2021</b> , 11, e524-e536	0
437	Interplay of Cucurbit Yellow Stunting Disorder Virus With Cucurbit Chlorotic Yellows Virus and Transmission Dynamics by MED. <b>2021</b> , 105, 416-424	2
436	Reply to Aquino-Jarquin. <b>2021</b> , 72, 1490-1491	1

435	Pharmacological blockage of transforming growth factor- $\beta$ signalling by a Traf2- and Nck-interacting kinase inhibitor, NCB-0846. <b>2021</b> , 124, 228-236	7
434	Evaluation of SYBR Green real time PCR for detecting SARS-CoV-2 from clinical samples. <b>2021</b> , 289, 114035	8
433	Thalidomide Inhibits Angiogenesis via Downregulation of VEGF and Angiopoietin-2 in Crohn's Disease. <b>2021</b> , 44, 795-807	4
432	RNA -based approaches for body fluid identification in forensic science. <b>2021</b> , 3,	2
431	Estimating salinity stress via hsp70 expression in the invasive round goby ( <i>Neogobius melanostomus</i> ): implications for further range expansion. <b>2021</b> , 848, 421-429	4
430	Selection of reference genes for normalization of microRNA expression in sugarcane stalks during its interaction with. <b>2021</b> , 11, 72	1
429	Unbiased RNA-Seq-driven identification and validation of reference genes for quantitative RT-PCR analyses of pooled cancer exosomes. <b>2021</b> , 22, 27	7
428	The Impact of Data Augmentation on Accuracy of COVID-19 Detection Based on X-ray Images. <b>2021</b> , 1041-1049	1
427	A polyA DNA probe-based ultra-sensitive and structure-distinguishable electrochemical biosensor for the analysis of RNAi transgenic maize. <b>2021</b> , 146, 3526-3533	1
426	Variation in Expression of Reference Genes across Life Stages of a Bee,. <b>2021</b> , 12,	3
425	Selection and validation of reference genes by RT-qPCR under photoperiodic induction of flowering in sugarcane ( <i>Saccharum</i> spp.). <b>2021</b> , 11, 4589	2
424	Modern Approaches for the Genetic Improvement of Rice, Wheat and Maize for Abiotic Constraints-Related Traits: A Comparative Overview. <b>2021</b> , 11, 376	8
423	Reference gene selection for qRT-PCR analyses of luffa ( <i>Luffa cylindrica</i> ) plants under abiotic stress conditions. <b>2021</b> , 11, 3161	3
422	Microfluidic-based virus detection methods for respiratory diseases. <b>2021</b> , 4, 1-26	8
421	PANDAA intentionally violates conventional qPCR design to enable durable, mismatch-agnostic detection of highly polymorphic pathogens. <b>2021</b> , 4, 227	0
420	Evaluation of actin as a reference for quantitative gene expression studies in <i>Emiliania huxleyi</i> ( <i>Prymnesiophyceae</i> ) under ocean acidification conditions. <b>2021</b> , 60, 148-157	2
419	COVID-19 and Diagnostic Testing for SARS-CoV-2 by RT-qPCR-Facts and Fallacies. <b>2021</b> , 22,	8
418	Identification of suitable reference genes for mesenchymal stem cells from menstrual blood of women with endometriosis. <b>2021</b> , 11, 5422	3

417	Recent trends in analytical and digital techniques for the detection of the SARS-Cov-2. <b>2021</b> , 270, 106538	13
416	Automatic COVID-19 detection from X-ray images using ensemble learning with convolutional neural network. <b>2021</b> , 24, 1111-1124	34
415	Divergence in floral scent and morphology, but not thermogenic traits, associated with pollinator shift in two brood-site-mimicking Typhonium (Araceae) species. <b>2021</b> , 128, 261-280	0
414	Establishment of a novel probe-based RT-qPCR approach for detection and quantification of tight junctions reveals age-related changes in the gut barriers of broiler chickens. <b>2021</b> , 16, e0248165	3
413	Virus Detection: A Review of the Current and Emerging Molecular and Immunological Methods. <b>2021</b> , 8, 637559	15
412	The Salivary miRNome: A Promising Biomarker of Disease. <b>2021</b> , 10, 29-38	2
411	Investigation of the expression pattern of Ribonuclease, Cysteine protease, and Glutathione peroxidase genes in response to septoria leaf blotch in bread wheat. <b>2021</b> , 114, 101634	
410	Selection and Validation of Reference Genes For qRT-PCR Analysis of (Hemiptera: Aphididae). <b>2021</b> , 12, 663338	5
409	DAND5 Inactivation Enhances Cardiac Differentiation in Mouse Embryonic Stem Cells. <b>2021</b> , 9, 629430	1
408	Long Non-Coding RNA CRNDE Is Involved in Resistance to EGFR Tyrosine Kinase Inhibitor in EGFR-Mutant Lung Cancer via eIF4A3/MUC1/EGFR Signaling. <b>2021</b> , 22,	5
407	The function of the calcium channel Orai1 in osteoclast development. <b>2021</b> , 35, e21653	0
406	Innovative GenExpA software for selecting suitable reference genes for reliable normalization of gene expression in melanoma.	
405	HDL Improves Cholesterol and Glucose Homeostasis and Reduces Atherosclerosis in Diabetes-Associated Atherosclerosis. <b>2021</b> , 2021, 6668506	2
404	Screening of Reference Genes for RT-qPCR in Chicken Adipose Tissue and Adipocytes. <b>2021</b> , 12, 676864	1
403	Stress-induced expression of IPT gene in transgenic wheat reduces grain yield penalty under drought. <b>2021</b> , 19, 67	1
402	Methylobacterium oryzae Influences Isoepoxydon Dehydrogenase Gene Expression and Patulin Production by Penicillium expansum. <b>2021</b> , 13, 1427	1
401	MOL-PCR and xMAP Technology: A Multiplex System for Fast Detection of Food- and Waterborne Viruses. <b>2021</b> , 23, 765-776	3
400	maxRatio improves the detection of samples with abnormal amplification profiles on QIAgenE artus HIV-1 qPCR assay. 9, 1030	

- 399 Bezafibrate activation of PPAR drives disturbances in mitochondrial redox bioenergetics and decreases the viability of cells from patients with VLCAD deficiency. **2021**, 1867, 166100 0
- 398 Expression stability of candidate RT-qPCR housekeeping genes in *Spodoptera frugiperda* (Lepidoptera: Noctuidae). **2021**, 108, e21831 4
- 397 Inhibitory effect of strawberry geranium (*Saxifraga stolonifera*) on Toll-like receptor 2-mediated inflammatory response in human skin keratinocytes. **2021**, 275, 114039
- 396 Estimating Real-Time qPCR Amplification Efficiency from Single-Reaction Data. **2021**, 11, 0
- 395 Environmental RNA: A Revolution in Ecological Resolution?. **2021**, 36, 601-609 6
- 394 The GhSWEET42 Glucose Transporter Participates in Infection in Cotton. **2021**, 12, 690754 3
- 393 A cell wall-localized NLR confers resistance to Soybean mosaic virus by recognizing viral-encoded cylindrical inclusion protein. **2021**, 14, 1881-1900 6
- 392 Analysis, quantification, and visualization of RT-LAMP technique for detection of COVID-19.
- 391 maxRatio improves the detection of samples with abnormal amplification profiles on QIAgen's artus HIV-1 qPCR assay. **2020**, 9, 1030
- 390 Screening Potential Reference Genes in with Real-Time Quantitative PCR Analysis under Different Experimental Conditions. **2021**, 12, 0
- 389 RT-qPCR Diagnostics: The "Drosten" SARS-CoV-2 Assay Paradigm. **2021**, 22, 1
- 388 Determination of reliable reference genes for gene expression studies in Chinese chive (*Allium tuberosum*) based on the transcriptome profiling. **2021**, 11, 16558 2
- 387 The selection and identification of compound housekeeping genes for quantitative real-time polymerase chain reaction analysis in rat fetal kidney. **2021**,
- 386 Development of a reverse transcription droplet digital PCR assay for sensitive detection of peach latent mosaic viroid. **2021**, 58, 101746 3
- 385 Enhanced copper-resistance gene repertoire in *Alteromonas macleodii* strains isolated from copper-treated marine coatings. **2021**, 16, e0257800 1
- 384 Dietary Supplementation with Transgenic Oil Containing 20:5n-3 and 22:6n-3 or Fish Oil Induces Differential Changes in the Transcriptome of CD3 T Lymphocytes. **2021**, 13, 0
- 383 Identification of new reference genes with stable expression patterns for gene expression studies using human cancer and normal cell lines. **2021**, 11, 19459 0
- 382 Screening of reference genes in tiger puffer (*Takifugu rubripes*) across tissues and under different nutritional conditions. **2021**, 47, 1739-1758 3

381	Cloning and characterization of a key enzyme in octopaminergic pathway: Tyramine beta-hydroxylase from <i>Litopenaeus vannamei</i> , as expressed during <i>Vibrio alginolyticus</i> infection and hypothermal stress. <b>2021</b> , 119, 1-10	1
380	Successful expression of the synthetic merBps gene in tobacco. <b>2021</b> , 167, 874-883	1
379	Using the transcriptome to evaluate the best reference genes for studying nutrition of the critically endangered Yangtze sturgeon ( <i>Acipenser dabryanus</i> ). <b>2021</b> , 543, 736894	0
378	Bringing MicroRNAs to Light: Methods for MicroRNA Quantification and Visualization in Live Cells. <b>2020</b> , 8, 619583	12
377	Auto-qPCR: A Python-based web app for automated and reproducible analysis of qPCR data.	
376	Identification of the Genetic Basis of Response to De-Acclimation in Winter Barley. <b>2021</b> , 22,	2
375	Effects of TiO <sub>2</sub> Nanoparticles on Activity of Antioxidant Enzymes, the Expression of Genes Involved in Rosmarinic Acid Biosynthesis and Rosmarinic Acid Content in <i>Dracocephalum kotschy</i> Boiss. <b>2021</b> , 68, 118-125	
374	Validation of internal control genes for expression studies: Effects of the neurotrophin BDNF on hippocampal neurons. <b>2008</b> , 86, 3684-3692	45
373	Quantitative (real-time) PCR. <b>2005</b> , 105-115	13
372	Molecular Pathology Methods. <b>2007</b> , 15-40	5
371	Gene Expression Characteristics in the Japanese Medaka ( <i>Oryzias latipes</i> ) Liver after Exposure to Endocrine Disrupting Chemicals. <b>2008</b> , 338-347	3
370	Expression profiling by real-time quantitative polymerase chain reaction (RT-qPCR). <b>2014</b> , 1169, 133-42	7
369	Transcriptomic Responses of <i>Salmonella</i> Species to Desiccation and Low-Moisture Environments: Extending Our Knowledge of How Bacteria Cope with Low-Moisture Stress. <b>2014</b> , 49-66	1
368	Primer design using Primer Express <sup>®</sup> for SYBR Green-based quantitative PCR. <b>2015</b> , 1275, 153-64	9
367	Gene Expression Profiling of Celiac Biopsies and Peripheral Blood Monocytes Using Taqman Assays. <b>2015</b> , 1326, 105-15	3
366	Quantitative (real-time) RT-PCR in cardiovascular research. <b>2007</b> , 366, 121-43	7
365	Derivation of contractile smooth muscle cells from embryonic stem cells. <b>2009</b> , 482, 345-67	8
364	Complete array of HOX gene expression by RQ-PCR. <b>2009</b> , 538, 369-93	12

363	DNA microchips to identify molecular signatures in cervical cancers. <b>2007</b> , 385, 87-101	2
362	Quantitative analysis of gene expression relative to 18S rRNA in carcinoma samples using the LightCycler instrument and a SYBR GreenI-based assay: determining FAT10 mRNA levels in hepatocellular carcinoma. <b>2008</b> , 429, 59-72	9
361	Quantification of GPCR mRNA using real-time RT-PCR. <b>2011</b> , 746, 165-93	6
360	Absolute and relative quantification of mRNA expression (transcript analysis). <b>2011</b> , 759, 73-86	2
359	Analysis of gene expression in bone by quantitative RT/PCR. <b>2012</b> , 816, 261-75	3
358	Detection, enumeration, and characterization of immune cells infiltrating melanoma tumors. <b>2013</b> , 961, 261-77	3
357	MNAzyme qPCR: a superior tool for multiplex qPCR. <b>2013</b> , 1039, 31-49	7
356	Molecular Pathology Methods. <b>2016</b> , 19-52	2
355	Monitoring Disease Response. <b>2007</b> , 143-164	3
354	Recombinant Yeast Assays and Gene Expression Assays for the Analysis of Endocrine Disruption. <b>2009</b> , 69-113	1
353	Translating Time-Course Gene Expression Profiles into Semi-algebraic Hybrid Automata Via Dimensionality Reduction. <b>2007</b> , 51-65	3
352	New Insights in the Genus Phytophthora and Current Diseases These Pathogens Cause in Their Ecosystem. <b>2004</b> , 436-466	9
351	Latest Advances and Trends in PCR-Based Diagnostic Methods. <b>2003</b> , 397-412	2
350	Cancer Genomics in Precision Oncology: Applications, Challenges, and Prospects. <b>2020</b> , 453-499	6
349	Molecular monitoring of chronic myeloid leukemia. <b>2003</b> , 40, 62-68	2
348	Selection of Endogenous Control Reference Genes for Studies on Type 1 or Type 2 Endometrial Cancer. <b>2020</b> , 10, 8468	6
347	Selection and validation of experimental condition-specific reference genes for qRT-PCR in Metopolophium dirhodum (Walker) (Hemiptera: Aphididae). <b>2020</b> , 10, 21951	4
346	Chapter 4:HO-1-derived CO Is a Regulator of Vascular Function and Metabolic Syndrome. <b>2018</b> , 59-100	1

345	Polypyrimidine Tract Binding Protein blocks microRNA-124 biogenesis to enforce its neuronal specific expression.	1
344	PANDAA-monium: Intentional violations of conventional qPCR design enables rapid, HIV-1 subtype-independent drug resistance SNP detection.	3
343	Potential role of transforming growth factor-beta 1/Smad signaling in secondary lymphedema after cancer surgery. <b>2020</b> , 111, 2620-2634	6
342	Type 2 cytokines in respiratory syncytial virus bronchiolitis. <b>2004</b> , 169, 1167-8; author reply 1168	4
341	Pre-B cell colony-enhancing factor inhibits neutrophil apoptosis in experimental inflammation and clinical sepsis. <b>2004</b> , 113, 1318-27	429
340	Pancreatic GLP-1 receptor activation is sufficient for incretin control of glucose metabolism in mice. <b>2012</b> , 122, 388-402	128
339	Up-Regulation of IL-18 and IL-12 in the Ileum of Neonatal Rats with Necrotizing Enterocolitis.	4
338	Failure of normal adult Leydig cell development in androgen-receptor-deficient mice. <b>2002</b> , 115, 3491-3496	102
337	The importance of selecting the appropriate reference genes for quantitative real time PCR as illustrated using colon cancer cells and tissue. 5, 99	9
336	Estradiol and Bisphenol A stimulate androgen receptor and estrogen receptor gene expression in fetal mouse prostate mesenchyme cells. <b>2007</b> , 115, 902-8	105
335	Light-dependent development of circadian gene expression in transgenic zebrafish. <b>2005</b> , 3, e34	74
334	Transstadial Effects of Bti on Traits of Aedes aegypti and Infection with Dengue Virus. <b>2016</b> , 10, e0004370	20
333	Transmission risk of two chikungunya lineages by invasive mosquito vectors from Florida and the Dominican Republic. <b>2017</b> , 11, e0005724	41
332	The effects of exposure to pyriproxyfen and predation on Zika virus infection and transmission in Aedes aegypti. <b>2020</b> , 14, e0008846	6
331	Endocrine activity of extraembryonic membranes extends beyond placental amniotes. <b>2009</b> , 4, e5452	26
330	Novel bioluminescent quantitative detection of nucleic acid amplification in real-time. <b>2010</b> , 5, e14155	58
329	Changes in N-transforming archaea and bacteria in soil during the establishment of bioenergy crops. <b>2011</b> , 6, e24750	100
328	Transcriptional networks in epithelial-mesenchymal transition. <b>2011</b> , 6, e25354	39

327	Vascular dysfunction induced in offspring by maternal dietary fat involves altered arterial polyunsaturated fatty acid biosynthesis. <b>2012</b> , 7, e34492	48
326	Selection of suitable reference genes for RT-qPCR analyses in cyanobacteria. <b>2012</b> , 7, e34983	102
325	Validation of the <i>Emy1</i> transcription profiling assay and selection of reference genes suited for a RT-qPCR assay in developing barley caryopsis. <b>2012</b> , 7, e41886	25
324	Selection and validation of endogenous reference genes for qRT-PCR analysis in leafy spurge ( <i>Euphorbia esula</i> ). <b>2012</b> , 7, e42839	42
323	Selection of suitable housekeeping genes for real-time quantitative PCR in CD4(+) lymphocytes from asthmatics with or without depression. <b>2012</b> , 7, e48367	30
322	Expression stabilities of candidate reference genes for RT-qPCR under different stress conditions in soybean. <b>2013</b> , 8, e75271	71
321	Evaluation and validation of reference genes for normalization of quantitative real-time PCR based gene expression studies in peanut. <b>2013</b> , 8, e78555	55
320	Regulation of rhodopsin-eGFP distribution in transgenic xenopus rod outer segments by light. <b>2013</b> , 8, e80059	10
319	A calcium-deficient diet in rat dams during gestation and nursing affects hepatic 11 $\beta$ hydroxysteroid dehydrogenase-1 expression in the offspring. <b>2014</b> , 9, e84125	7
318	Evidence based selection of commonly used RT-qPCR reference genes for the analysis of mouse skeletal muscle. <b>2014</b> , 9, e88653	47
317	Lymphangiogenesis and angiogenesis in abdominal aortic aneurysm. <b>2014</b> , 9, e89830	31
316	Identification of candidate reference genes in perennial ryegrass for quantitative RT-PCR under various abiotic stress conditions. <b>2014</b> , 9, e93724	50
315	Reference genes for quantitative gene expression studies in multiple avian species. <b>2014</b> , 9, e99678	65
314	Identification of endogenous reference genes for the analysis of microRNA expression in the hippocampus of the pilocarpine-induced model of mesial temporal lobe epilepsy. <b>2014</b> , 9, e100529	7
313	Validation of suitable reference genes for expression normalization in <i>Echinococcus</i> spp. larval stages. <b>2014</b> , 9, e102228	20
312	Identification of Suitable Reference Genes for Real Time Quantitative Polymerase Chain Reaction Assays on Pectoralis major Muscle in Chicken ( <i>Gallus gallus</i> ). <b>2015</b> , 10, e0127935	29
311	Reference gene selection for quantitative real-time PCR normalization in larvae of three species of Grapholitini (Lepidoptera: Tortricidae). <b>2015</b> , 10, e0129026	5
310	Selection and Evaluation of Tissue Specific Reference Genes in <i>Lucilia sericata</i> during an Immune Challenge. <b>2015</b> , 10, e0135093	20

309	Identification and Evaluation of Reference Genes for Accurate Transcription Normalization in Safflower under Different Experimental Conditions. <b>2015</b> , 10, e0140218	9
308	Shape-Related Toxicity of Titanium Dioxide Nanofibres. <b>2016</b> , 11, e0151365	39
307	Validation of Novel Biomarkers for Prostate Cancer Progression by the Combination of Bioinformatics, Clinical and Functional Studies. <b>2016</b> , 11, e0155901	30
306	RPL13A and EEF1A1 Are Suitable Reference Genes for qPCR during Adipocyte Differentiation of Vascular Stromal Cells From Patients with Different BMI and HOMA-IR. <b>2016</b> , 11, e0157002	19
305	Evaluation of Reference Genes for Reverse Transcription Quantitative PCR Studies of Physiological Responses in the Ghost Moth, <i>Thitarodes armoricanus</i> (Lepidoptera, Hepialidae). <b>2016</b> , 11, e0159060	20
304	Selection of Suitable Reference Genes for RT-qPCR Normalization under Abiotic Stresses and Hormone Stimulation in Persimmon ( <i>Diospyros kaki</i> Thunb). <b>2016</b> , 11, e0160885	9
303	Identification of Reference Genes for Quantitative Real Time PCR Assays in Aortic Tissue of Syrian Hamsters with Bicuspid Aortic Valve. <b>2016</b> , 11, e0164070	3
302	Identification of Appropriate Reference Genes for Normalization of miRNA Expression in Grafted Watermelon Plants under Different Nutrient Stresses. <b>2016</b> , 11, e0164725	8
301	Identification of reference genes for qPCR analysis during hASC long culture maintenance. <b>2017</b> , 12, e0170918	21
300	Selection and evaluation of new reference genes for RT-qPCR analysis in <i>Epinephelus akaara</i> based on transcriptome data. <b>2017</b> , 12, e0171646	13
299	Validation of housekeeping genes for studying differential gene expression in the bovine myometrium. <b>2013</b> , 61, 505-16	16
298	Overcoming drug-tolerant cancer cell subpopulations showing AXL activation and epithelial-mesenchymal transition is critical in conquering ALK-positive lung cancer. <b>2018</b> , 9, 27242-27255	21
297	Multipolar mitosis and aneuploidy after chrysotile treatment: a consequence of abscission failure and cytokinesis regression. <b>2016</b> , 7, 8979-92	16
296	GENETIC DIFFERENTIATION METHODS OF MICROORGANISMS IN THE SOIL - PLANT SYSTEM. <b>2019</b> , 56, 341-352	3
295	Housekeeping genes as internal standards in cancer research. <b>2004</b> , 8, 107	9
294	Granulin Expression in Hamsters during <i>Opisthorchis viverrini</i> Infection-Induced Cholangiocarcinogenesis. <b>2018</b> , 19, 2437-2445	2
293	Light modulates activity and expression of glutamine synthetase isoforms in maize seedling roots. <b>2008</b> , 60, 649-660	3
292	Levels of estrogen receptor B splice variant (ERBB) mRNA correlates with progesterone receptor in breast carcinomas. <b>2010</b> , 62, 257-262	1

291	Platelet gel in the treatment of cutaneous ulcers: the experience of the Immunohaematology and Transfusion Centre of Parma. <b>2010</b> , 8, 237-47	22
290	Expression of 1-Aminocyclopropane-1-Carboxylate Synthase and 1-Aminocyclopropane-1-Carboxylate Oxidase Genes during Ripening in <b>Bendaijii</b> Persimmon Fruit. <b>2006</b> , 75, 178-184	10
289	Suitable reference genes for real-time quantitative PCR in <i>Salsola laricifolia</i> under five abiotic stresses. <b>2019</b> , 63, 380-387	1
288	Reference gene selections for real time quantitative PCR analysis of gene expression in different oat tissues and under salt stress. 64, 838-844	2
287	Development and preliminary evaluation of a real-time PCR assay for <i>Halioticida noduliformans</i> in abalone tissues. <b>2012</b> , 99, 103-17	4
286	[MYP gene expressions at transcription level in different stages of gonad of sea urchin <i>Strongylocentrotus intermedius</i> and hybrids]. <b>2008</b> , 30, 1453-8	5
285	Alternative Splicing of SDIR1 Gene in <i>Arabidopsis thaliana</i> (Cruciferae). <b>2010</b> , 32, 141-146	1
284	mRNA levels of TLR4 and TLR5 are independent of <i>H. pylori</i> . <b>2008</b> , 14, 5306-10	6
283	Real-time determination of human telomerase reverse transcriptase mRNA in gastric cancer. <b>2004</b> , 10, 3514-7	26
282	Chemokine expression in hepatocellular carcinoma versus colorectal liver metastases. <b>2006</b> , 12, 6627-33	36
281	Correlation of IL-8 with induction, progression and metastatic potential of colorectal cancer. <b>2007</b> , 13, 4996-5002	88
280	Expression of matrix metalloproteinases 2 and 9 in human gastric cancer and superficial gastritis. <b>2010</b> , 16, 1500-5	39
279	Reference genes for quantitative RT-PCR data in gastric tissues and cell lines. <b>2013</b> , 19, 7121-8	35
278	Differential expression of a novel colorectal cancer differentiation-related gene in colorectal cancer. <b>2001</b> , 7, 551-4	6
277	Inhibitory Effects of Bacteriophages on the Growth of <i>Vibrio</i> sp., Pathogens of Shrimp in the Indian Aquaculture Environment. <b>2007</b> , 2, 166-183	20
276	Plant Transformation: Needs and Futurity of the Transgenes. <b>2008</b> , 7, 403-412	6
275	Determination of cryIAb and cryIAc Copy Number in Transgenic Basmati 370 Rice ( <i>Oryza sativa</i> L.) Plants Using Real-time PCR and its Comparison with Southern Blot. <b>2005</b> , 5, 283-288	3
274	Exogenous reference gene normalization for real-time reverse transcription-polymerase chain reaction analysis under dynamic endogenous transcription. <b>2012</b> , 7, 1064-72	10

273	Comprehensive molecular screening: from the RT-PCR to the RNA-seq. <b>2013</b> , 2, 87-91	36
272	Reference gene selection for quantitative PCR studies in bovine neutrophils. <b>2013</b> , 04, 6-14	6
271	Quantitative Analysis of ATP Sulfurylase and Selenocysteine Methyltransferase Gene Expression in Different Organs of Tea Plant (<i>Camellia sinensis</i>). <b>2012</b> , 03, 51-59	5
270	VEGF System in Dog Thymus Temporal Expression. <b>2015</b> , 05, 211-217	1
269	Altered molecular pattern of mucosal healing in Crohn's disease fibrotic stenosis. <b>2013</b> , 4, 53-8	7
268	The subtle effects of sea water acidification on the amphipod <i>Gammarus locusta</i>.	9
267	Modulation of alpha 1 adrenergic receptors on urinary bladder in rat spinal cord injury model. <b>2012</b> , 16, 62-8	6
266	Identification of Appropriate Reference Genes for qRT-PCR Analysis of Heat-Stressed Mammary Epithelial Cells in Riverine Buffaloes ( <i>Bubalus bubalis</i> ). <b>2013</b> , 2013, 735053	15
265	Phenotypic landscape inference reveals multiple evolutionary paths to C4 photosynthesis. <b>2013</b> , 2, e00961	79
264	AR phosphorylation and CHK2 kinase activity regulates IR-stabilized AR-CHK2 interaction and prostate cancer survival. <b>2020</b> , 9,	1
263	Investigation of the effects of estrogen on skeletal gene expression during zebrafish larval head development. <b>2016</b> , 4, e1878	20
262	Evaluation of reference genes for gene expression in red-tailed phascogale () liver, lung, small intestine and spleen. <b>2016</b> , 4, e2552	2
261	Screening of reference genes in real-time PCR for. <b>2019</b> , 7, e6253	3
260	Evaluation of candidate reference genes for quantitative real-time PCR analysis in a male rat model of dietary iron deficiency. <b>2021</b> , 16, 17	0
259	Juvenile hormone analog enhances Zika virus infection in <i>Aedes aegypti</i> . <b>2021</b> , 11, 21062	3
258	DNA-RNA Barcoding and Gene Sequencing. <b>2021</b> , 165-227	
257	Athermal, Chemically Triggered Release of RNA from Thioester Nucleic Acids. <b>2021</b> ,	1
256	Athermal, Chemically Triggered Release of RNA from Thioester Nucleic Acids.	

- 255 An Improved Reference Gene for Detection of "Liberibacter asiaticus" Associated with Citrus Huanglongbing by qPCR and Digital Droplet PCR Assays. **2021**, 10, 0
- 254 Quantitative Two-Step RT-PCR for the Detection of Human ABCA1 Transporter on LightCycler Using Hybridization Probes and External Standards. **2002**, 15-25
- 253 Quantitative analyses of the levels of hormonal mRNAs in the salmon neuroendocrine system. **2003**, 225-235 0
- 252 Molecular Biology Techniques and Applications. **2003**,
- 251 Biological Assays. **2003**,
- 250 Nutritional Genomics. **2004**, 1-23 1
- 249 Medulloblastoma MYC Messenger RNA Expression. **2004**, 780-784
- 248 Real Time Reverse Transcription PCR. **2004**, 1131-1135
- 247 Assays for alloreactive responses by PCR. **2007**, 407, 209-24 1
- 246 Structure-Function Analyses of Single Cells by Combining Patch-Clamp Techniques with Reverse Transcription-Polymerase Chain Reaction. **2007**, 373-409
- 245 Rumen-protected Methionine Improves Early-Lactation Performance of Dairy Cattle Under High Ambient Temperatures. **2007**, 2, 184-195 5
- 244 Molecular Genetics of Lung and Pleural Neoplasms. **2008**, 47-157 1
- 243 Modification of relative gene expression ratio obtained from real time qPCR with whole carotid body by using mathematical equations. **2009**, 648, 125-35
- 242 Molecular Pathology Methods. **2009**, 15-40
- 241 Molecular Pathology Methods. **2009**, 15-40
- 240 Intraoperative Molecular Staging Using Real-Time Polymerase Chain Reaction. **2009**, 153-163
- 239 Real-Time PCR. **2009**, 841-869 2
- 238 Monitoring the immune response using real-time PCR. **2009**, 496, 323-38 2

237 Molecular Pathology Methods. **2009**, 15-40

236 Reversal of Immune Suppression in Sentinel Lymph Nodes. **2009**, 407-423

235 Cell Viability, Measurement. 1

234 Adult Stem Cells in Drug Discovery. **2011**, 457-471

233 Establishment of Real-time TaqMan-Fluorescence Quantitative RT-PCR Assay for Detection and Quantification of mRNA Expression of RAc1 of Rice. **2010**, 31, 75-81

232 Quantification of DNA, RNA, and Protein Expression. **2011**, 525-537

231 Reverse Transcription. **2011**, 93-97

230 Molecular Analysis in Mechanobiology. **2011**, 45-72

229 Plesiomonas. **2011**, 997-1008

1

228 Experimental validation: concepts and practice. **2012**, 95-136

227 Characterization of RNA. **2012**, 135-160

226 Expression profiling to identify candidate genes associated with allergic phenotypes. **2013**, 1032, 287-95

225 A Real-Time Quantitative PCR Assay for Quantification of c-Myc DNA in Patients who Suffers from Leukemia.

224 MIQE. **2013**, 221-230

223 Thermocycler Calibration and Analytical Assay Validation. **2013**, 125-142

222 Biological Assays. **2013**, 293-338

221 Hepatitis C Virus Testing. **2014**, 57-80

220 Polymerase Chain Reaction (PCR) and Real-Time PCR. **2014**, 201-210

219 RNA Profiling: A New Tool in Forensic Science. **2014**, 315-330

218 Normalization of Gene Expression by Quantitative RT-PCR in Human Cell Line: comparison of 12 Endogenous Reference Genes. **2018**, 28, 741-748

9

217 E. coli Lipopolysaccharide Decreases the Expression of Proteins of Tight Junctions in the Jejunum of Weaning Piglets. **2014**, 67, 7301-7310

1

216 Effect of methotrexate combined with ginger, silymarin or propolis on the mRNA expression levels of cytochrome P450 oxidoreductase (POR), caspase 3 (CASP-3) and interleukin 6 (IL-6). **2015**, 14, 695-701

215 Mifepristone plays a leading role in progesterone receptor expression of canine endometrial stromal cells. **2015**, 39-42

214 Practical approach to quantification of mRNA abundance using RT-qPCR, normalization of experimental data and MIQE. **2016**, 32, 161-172

1

213 Characterization of Hepatitis C Virus (HCV) Genotypes with Spectrum of its Viral Load. **2016**, 3,

212 Cardiovascular risk protection from the Mediterranean diet and olive oil. A transcriptomic update in humans. **2016**, 67, 161

1

211 Validation of reference genes in human chordoma. **2017**, 8, 100

1

210 Expression stability of reference genes in the skeletal muscles of beef cattle. **2017**, 16, 261-267

2

209 Effects of royal jelly on energy status and expression of apoptosis and biotransformation genes in normal fibroblast and colon cancer cells. **2018**, 175-192

3

208 An annual cycle of gene regulation in the red-legged salamander mental gland: from hypertrophy to expression of rapidly evolving pheromones.

207 Validation of some of Housekeeping Genes in *Aeluropus littoralis* under Salinity Stress. **2018**, 10, 110-117

1

206 Characterization and spatial expression pattern of a novel CONSTANS gene (GbCOL-6) from *Ginkgo biloba*. **2018**, 17, 104-112

205 Identification of Suitable spp. Housekeeping Genes. **2019**, 51,

204 Optimal use of statistical methods to validate reference gene stability in longitudinal studies.

1

203 Linking nutrient stoichiometry to Zika virus transmission in a mosquito.

202 AR phosphorylation and CHK2 kinase activity regulates IR stabilized AR  $\chi$ CHK2 interaction and prostate cancer survival.

- 201 Screening for stable internal reference genes for quantitative PCR analysis of Wolbachia-host interactions in whitefly *Bemisia tabaci* (Homoptera: Aleyrodidae). 116, 402-402
- 200 maxRatio improves the detection of samples with abnormal amplification profiles on QIAgen<sup>®</sup> artus HIV-1 qPCR assay. **2020**, 9, 1030
- 199 A critical analysis of research methods and experimental models to study the root canal microbiome. **2021**, 3
- 198 Auto-qPCR; a python-based web app for automated and reproducible analysis of qPCR data. **2021**, 11, 21293 1
- 197 Genome-wide screening of novel RT-qPCR reference genes for study of GLRaV-3 infection in wine grapes and refinement of an RNA isolation protocol for grape berries. **2021**, 17, 110 2
- 196 Influence of bamboo vinegar powder (BVP) enriched diet on antioxidant status, immunity level, and pro-anti-inflammatory cytokines modulation in Asian sea bass, *Lates calcarifer* (Bloch 1790) against *Vibrio anguillarum*. **2021**, 119, 462-477 2
- 195 Transcriptome-based screening and the optimal reference genes for real-time quantitative PCR in *Rehmannia chingii* and *R. henryi*. 64, 798-806 1
- 194 Selection of Reference Genes for RT-qPCR Analysis of Wing Dimorphism in English Grain Aphid, *Sitobion avenae* (Hemiptera: Aphididae). **2021**, 1
- 193 Methodology Assays for the Salivary Biomarkers Identification and Measurement. **2020**, 67-95 2
- 192 Analyzing Gene Expression through Real Time PCR while Neo-tissue Regeneration using Developed Tissue Constructs. **2020**, 15-34
- 191 Assessment of the relative number of copies of the gene encoding human neutrophil antigen-2a (HNA-2a), CD177, and a homologous pseudogene by quantitative real-time PCR. **2020**, 19, 122-126 3
- 190 Ultrafast VCSEL-based plasmonic polymerase chain reaction with real-time label-free amplicon detection for point-of-care diagnostics. **2020**, 0
- 189 GAPDH spike RNA as an alternative for housekeeping genes in relative gene expression assay using real-time PCR. **2020**, 44, 1
- 188 In Planta Gene Expression Analysis and Colonization of *Fusarium oxysporum*. **2022**, 2391, 139-152 1
- 187 Comparison of the bacterial viability assessments for the disinfected quarantined water along with an effect of total residual oxidants. **2021**, 193, 782 0
- 186 Aspartate induces metabolic changes and improves the host's ability to fight against *Aeromonas hydrophila* infection in *Cyprinus carpio*. **2022**, 53, 1050 0
- 185 Focusing on genomic and phenomic aberrations in non-melanotic skin cancers. **2006**, 578, 381-6
- 184 Tumorbilogie und moderne Labordiagnostik. **2005**, 7-14

183	The use of real-time reverse transcriptase PCR for the quantification of cytokine gene expression. <b>2003</b> , 14, 33-43	238
182	Pitfalls of quantitative real-time reverse-transcription polymerase chain reaction. <b>2004</b> , 15, 155-66	600
181	Triamcinolone acetonide and anecortave acetate do not stimulate uveal melanoma cell growth. <b>2008</b> , 14, 1752-9	9
180	Susceptibility of Florida mosquitoes to infection with chikungunya virus. <b>2008</b> , 78, 422-5	37
179	Size alters susceptibility of vectors to dengue virus infection and dissemination. <b>2008</b> , 79, 688-95	68
178	Protein kinase C in porcine retinal arteries and neuroretina following retinal ischemia-reperfusion. <b>2009</b> , 15, 737-46	4
177	Quantitative evaluation and selection of reference genes in a rat model of extended liver resection. <b>2009</b> , 20, 109-15	20
176	Two-Step versus One-Step RNA-to-CT 2-Step and One-Step RNA-to-CT 1-Step: validity, sensitivity, and efficiency. <b>2009</b> , 20, 172-9	18
175	Intestinal cytokine mRNA expression in canine inflammatory bowel disease: a meta-analysis with critical appraisal. <b>2009</b> , 59, 153-62	41
174	PCR-based expression analysis and identification of microRNAs. <b>2005</b> , 1, 44-9	17
173	Environmental and biological factors influencing <i>Culex pipiens quinquefasciatus</i> Say (Diptera: Culicidae) vector competence for Saint Louis encephalitis virus. <b>2009</b> , 81, 264-72	34
172	Differential expression of transforming growth factor-beta isoforms in bullous keratopathy corneas. <b>2010</b> , 16, 161-6	10
171	Tumor necrosis factor and its receptors in the neuroretina and retinal vasculature after ischemia-reperfusion injury in the pig retina. <b>2010</b> , 16, 2317-27	21
170	Insulin, insulin-like growth factor-1, insulin receptor, and insulin-like growth factor-1 receptor expression in the chick eye and their regulation with imposed myopic or hyperopic defocus. <b>2011</b> , 17, 1436-48	33
169	Effect of preoperative FOLFOX chemotherapy on CCL20/CCR6 expression in colorectal liver metastases. <b>2011</b> , 17, 3109-16	13
168	Exposure to chikungunya virus and adult longevity in <i>Aedes aegypti</i> (L.) and <i>Aedes albopictus</i> (Skuse). <b>2010</b> , 35, 61-8	9
167	Multiple cytokines are involved in the early events leading to the Alzheimer's disease pathology. <b>2008</b> , 1, 359-373	4
166	Bevacizumab and intraocular tumors: an intriguing paradox. <b>2012</b> , 18, 2454-67	21

- 165 Gene Expression upon Proliferation and Differentiation of Hematopoietic Cells with Ph Chromosome ex vivo. **2012**, 4, 95-114 1
- 164 In vitro studies on the antimicrobial peptide human beta-defensin 9 (HBD9): signalling pathways and pathogen-related response (an American Ophthalmological Society thesis). **2014**, 112, 50-73 5
- 163 Identification and Characterization of a Differentially Expressed Gene (07E12) in the Infective Larvae of the Parasitic Nematode *Ascaris suum*. **2014**, 9, 209-17
- 162 Expression profiling of microarray gene signatures in acute and chronic myeloid leukaemia in human bone marrow. **2015**, 5, 27-42 1
- 161 Histone demethylase KDM2B inhibits the chondrogenic differentiation potentials of stem cells from apical papilla. **2015**, 8, 2165-73 7
- 160 Depletion of MEIS2 inhibits osteogenic differentiation potential of human dental stem cells. **2015**, 8, 7220-30 5
- 159 IRS-1 regulates proliferation, invasion and metastasis of pancreatic cancer cells through MAPK and PI3K signaling pathways. **2018**, 11, 5185-5193 1
- 158 DNA-coated gold nanoparticles for tracking hepatocyte growth factor secreted by transplanted mesenchymal stem cells in pulmonary fibrosis therapy.. **2021**, 0
- 157 Screening of stable internal reference gene of Quinoa under hormone treatment and abiotic stress.. **2021**, 27, 2459-2470 1
- 156 Molecular and cellular dynamics of early embryonic cell divisions in *Volvox carteri*.. **2022**, 1
- 155 Effects of single and dual-stressor elevation of environmental temperature and P on metabolism and acid-base regulation in the Louisiana red swamp crayfish, *Procambarus clarkii*.. **2022**, 266, 111151 0
- 154 Selection of References for microRNA Quantification in Japanese Flounder () Normal Tissues and Infected Livers.. **2022**, 13, 1
- 153 Precise RNA Quantification by Counting Individual RNA Molecules Using High-Sensitivity Capillary Flow Cytometry.. **2022**,
- 152 A robust biostatistical method leverages informative but uncertainly determined qPCR data for biomarker detection, early diagnosis, and treatment.. **2022**, 17, e0263070
- 151 Differences in Vasa Vasorum Distribution in Human Aortic Aneurysms and Atheromas.. **2022**, 33197211063655
- 150 The Crowded Uterine Horn Mouse Model for Examining Postnatal Metabolic Consequences of Intrauterine Growth Restriction vs. Macrosomia in Siblings.. **2022**, 12, 1
- 149 X-Ray Gitterinden COVID-19 Tespiti in Derin Deneme Temelli Bir Yaklaşım.
- 148 Selection and validation of reference genes for measuring gene expression in *Piper* species at different life stages using RT-qPCR analysis.. **2022**, 171, 201-212 0

- 147 In vivo study of a novel protein kinase C that mediates immunocompetence and catecholamine biosynthesis in hemocytes of *Litopenaeus vannamei* by using its potential competitive inhibitor, bisindolylmaleimide I.. **2022**, 122, 87-87
- 146 Clinical relevance of a newly developed endometrial receptivity test for patients with recurrent implantation failure in Japan.. **2022**, 21, e12444 ○
- 145 BlotIt - Optimal alignment of western blot and qPCR experiments. 1
- 144 Overexpression of *from* in affects the development of leaf morphology.. **2022**, ○
- 143 The Optimal Reference Gene Validation in *Cyclocarya paliurus* (Batal.) Iljinskaja Under Environmental Stresses. 1
- 142 Synthetic metabolism approaches - a valuable resource for systems biology. **2022**, 30, 100417 ○
- 141 Innovative GenExpA software for selecting suitable reference genes for reliable normalization of gene expression in melanoma.. **2022**, 12, 3331
- 140 Adiponectin Influences FGF2 in the Developing Porcine Corpus Luteum.. **2022**, 9,
- 139 Identification of reference genes for quantitative expression analysis in Indian catfish, *Clarias magur*, under physiological and pathological conditions. **2022**, 53, 2785-2795 ○
- 138 Phosphoryl guanidine oligonucleotides as primers for RNA-dependent DNA synthesis using murine leukemia virus reverse transcriptase.. **2022**, 26, 5-13
- 137 Validation of Potential Reference Genes for Real-Time qPCR Analysis in Pharaoh Ant, (*Hymenoptera*: *Formicidae*).. **2022**, 13, 852357 ○
- 136 Selection and Validation of Reference Genes for Quantitative Real-Time PCR Normalization in (*Lepidoptera*: *Noctuidae*) Under Different Conditions.. **2022**, 13, 842195 1
- 135 Role of Subcutaneous Adipose Tissues in the Pathophysiology of Secondary Lymphedema.. **2022**, ○
- 134 AMPA receptors in schizophrenia: A systematic review of postmortem studies on receptor subunit expression and binding.. **2022**, 243, 98-109 ○
- 133 Rapid and sensitive detection of viral particles by coupling redox cycling and electrophoretic enrichment.. **2022**, 208, 114198 1
- 132 Ghrelin Is Effective on Passive Avoidance Memory by Altering the Expression of NMDAR and HTR1a Genes in the Hippocampus of Male Wistar Rats.. **2021**, 10, 380-386 ○
- 131 Growth and Hepatic Insulin-Like Growth Factor-I Gene Expression in Dominant and Subordinate *Oreochromis niloticus* L Under Limited Period of Physical Interaction. **2021**, 934, 012005
- 130 PNC2 (SLC25A36) deficiency associated with the hyperinsulinism/hyperammonemia syndrome.. **2021**, 1

129 Identification, Sequencing and Stability Evaluation of Eight Reference Genes in Saffron (*Crocus sativus* L.). **2020**, 7, 127-144

128 Impact of Nano- and Micro-Sized Chromium(III) Particles on Cytotoxicity and Gene Expression Profiles Related to Genomic Stability in Human Keratinocytes and Alveolar Epithelial Cells.. **2022**, 12, [View](#)

127 Emerging Technologies: The Bright Future of Fluorescence. 277-305

126 DataSheet\_1.zip. **2020**,

125 Data\_Sheet\_1.docx. **2019**,

124 Data\_Sheet\_1.XLSX. **2020**,

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

122 Image\_10.PDF. **2020**,

121 Image\_11.PDF. **2020**,

120 Image\_12.PDF. **2020**,

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

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

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

116 Image\_5.TIF. **2020**,

115 Image\_6.TIF. **2020**,

114 Image\_7.TIF. **2020**,

113 Image\_8.TIF. **2020**,

112 Image\_9.PDF. **2020**,

111 Table\_1.PDF. **2020**,

110 Table\_10.xls. **2020**,

109 Table\_2.xls. **2020**,

108 Table\_3.DOC. **2020**,

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

106 Table\_5.XLSX. **2020**,

105 Table\_6.DOC. **2020**,

104 Table\_7.PDF. **2020**,

103 Table\_8.DOC. **2020**,

102 Table\_9.xls. **2020**,

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

100 Image\_2.TIFF. **2018**,

99 Image\_3.TIFF. **2018**,

98 Image\_4.TIFF. **2018**,

97 Image\_5.TIFF. **2018**,

96 Table\_1.docx. **2018**,

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

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

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

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

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

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

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

88 Table\_1.XLSX. **2019**,

87 Image\_1.pdf. **2020**,

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

85 Data\_Sheet\_2.xlsx. **2019**,

84 Data\_Sheet\_3.xls. **2019**,

83 Table\_1.DOCX. **2019**,

82 Table\_2.DOCX. **2019**,

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

80 Identification of VEGF Isoforms in Mouse, Rat, and Zebrafish Using RT-qPCR.. **2022**, 2475, 25-46

79 At Embryo Implantation Site IL-35 Secreted by Trophoblast, Polarizing T Cells towards IL-35+ IL-10+ IL-4+ Th2-Type Cells, Could Favour Fetal Allograft Tolerance and Pregnancy Success.. **2022**, 23,

78 Reference Gene Validation for RTqPCR in PBMCs from Asthmatic Patients with or without Obesity. **2022**, 5, 35

77 Comparative analysis of novel and common reference genes in adult tissues of the mussel *Mytilus galloprovincialis*.. **2022**, 23, 349

76 Small, charged proteins in salmon louse (*Lepeophtheirus salmonis*) secretions modulate Atlantic salmon (*Salmo salar*) immune responses and coagulation.. **2022**, 12, 7995

- 75 Vegetation formation in *Staphylococcus aureus* endocarditis inversely correlates with RNAlII and sarA expression in invasive clonal complex 5 (CC5) isolates.
- 74 Concat\_CNN: A Model to Detect COVID-19 from Chest X-ray Images with Deep Learning. **2022**, 3,
- 73 Selection and Validation of Reference Genes for RT-qPCR Analysis in Tibetan Medicinal Plant *Saussurea laniceps* Callus under Abiotic Stresses and Hormone Treatments. **2022**, 13, 904 ○
- 72 Selection of suitable candidate genes for mRNA expression normalization in bulbil development of *Pinellia ternata*. **2022**, 12,
- 71 Selection and Validation of Reference Genes for Gene Expression Studies Using Quantitative Real-Time PCR in *Prunus Necrotic Ringspot Virus*-Infected *Cucumis sativus*. **2022**, 14, 1269
- 70 Gapdh Shows Altered Gene Expression in Alcohol Models. **2022**, 49, 16-21
- 69 Vegetation Formation in *Staphylococcus aureus* Endocarditis Inversely Correlates With RNAlII and sarA Expression in Invasive Clonal Complex 5 Isolates. 12,
- 68 Screening of Stably Expressed Internal Reference Genes for Quantitative Real-Time PCR Analysis in Quail. ○
- 67 Amelioration for an ignored pitfall in reference gene selection by considering the mean expression and standard deviation of target genes. **2022**, 12, ○
- 66 Development of real-time PCR methods for the quantification of *Methanoculleus*, *Methanosarcina* and *Methanobacterium* in anaerobic digestion. **2022**, 199, 106529 ○
- 65 Protocol for qPCR analysis that corrects for cDNA amplification efficiency. **2022**, 3, 101515 ○
- 64 Claudin-10 Expression Level is Associated with Recurrence of Primary Hepatocellular Carcinoma. **2005**, 11, 551-556 3○
- 63 Development and applications of a TaqMan based quantitative real-time PCR for the rapid detection of Pigeon circovirus (PiCV). **2022**, 114588
- 62 Current strategies with implementation of three-dimensional cell culture: the challenge of quantification. **2022**, 12, ○
- 61 Identification and validation of stable reference genes for quantitative real time PCR in different minipig tissues at developmental stages. **2022**, 23, ○
- 60 BlotIt: Optimal alignment of Western blot and qPCR experiments. **2022**, 17, e0264295
- 59 Identification of suitable reference genes for normalization of quantitative real-time PCR -based gene expression in chicken (*Gallus gallus*). ○
- 58 Oilseed rape MPK1 mediates reactive oxygen species-dependent cell death and jasmonic acid-induced leaf senescence. **2022**, 202, 105028

57	Interferon-gamma modulates articular chondrocyte and osteoblast metabolism through protein kinase R-independent and dependent mechanisms. <b>2022</b> , 32, 101323	o
56	Can Gene Expression Studies Inform Coral Reef Conservation and Restoration?. <b>2022</b> , 151-166	o
55	Identification and Validation of Reference Genes for Expression Analysis Using qRT-PCR in Cimex hemipterus (Hemiptera: Cimicidae). <b>2022</b> , 13, 784	o
54	Addressing the challenges of symbiont-mediated RNAi in aphids.	o
53	Toxicity Study of 3-Thienylalanine- Ornithine-Proline (TOP) Using as Novel ACE Inhibitor. <b>2022</b> , 28,	o
52	Assessing Gene Expression of the Endocannabinoid System Components by Real-Time Quantitative Reverse Transcription Polymerase Chain Reaction. <b>2023</b> , 349-359	o
51	A deep learning approach for classification of COVID and pneumonia using DenseNet -201.	o
50	Potential protective effects of chrysin against immunotoxicity induced by diazinon. <b>2022</b> , 12,	o
49	G protein-coupled Receptor Contributions to Wing Growth and Morphogenesis in Drosophila melanogaster.	o
48	Airborne fungal and bacterial microbiome in classrooms of elementary schools during the COVID -19 pandemic period: Effects of school disinfection and other environmental factors. <b>2022</b> , 32,	o
47	Improved Bladder Tumor RNA Isolation from Archived Tissues Using Methylene Blue for Normalization, Multiplex RNA Hybridization, Sequencing and Subtyping. <b>2022</b> , 23, 10267	o
46	Selection and validation of reference genes for qPCR of differentiation and maturation of THP-1 cells to M1 macrophage-like cells.	1
45	A review on molecular detection techniques of white spot syndrome virus: Perspectives of problems and solutions in shrimp farming.	1
44	Evaluation of Mean Percentage of Full-Length SMN Transcripts as a Molecular Biomarker of Spinal Muscular Atrophy. <b>2022</b> , 13, 1911	o
43	Reference genes for the developing mouse lung under consideration of biological, technical and experimental confounders. <b>2022</b> , 12,	o
42	Evaluation of housekeeping genes for normalizing RT-qPCR and analysis of the expression patterns of WRKY1 transcription factor and rhynchophylline biosynthetic-related genes in Uncaria rhynchophylla.	o
41	Comparative study of commercial media to improve GMP manufacturing of recombinant human interferon $\beta$ 1a by CHO cells in perfusion bioreactor.	o
40	Mapping Proteome and Lipidome Changes in Early-Onset Non-Alcoholic Fatty Liver Disease Using Hepatic 3D Spheroids. <b>2022</b> , 11, 3216	o

- 39 Evaluation of housekeeping genes as references for quantitative real-time PCR analysis of European eel, *Anguilla anguilla*. ○
- 38 Molecular approaches in cancer. **2022**, 537, 60-73 1
- 37 Reverse Transcriptases: From Discovery and Applications to Xenobiology. ○
- 36 Potential diagnostic value of circulating miRNAs in HFrEF and bioinformatics analysis. ○
- 35 SaffronOMICS: Novel Approaches Toward Putting Saffron Data at Work. **2022**, 43-62 ○
- 34 Scavenger receptor class B type I genetic variants associated with disease severity in chronic hepatitis C virus infection. **2023**, 95, ○
- 33 Recent Development in Detection Systems for Human Viral Pathogens from Clinical Samples with Special Reference to Biosensors. **2023**, 1-25 ○
- 32 Viral Quantification in Bee Samples Using Synthetic DNA Sequences with Real-Time PCR (qPCR). **2023**, 57-66 ○
- 31 Screening Method for the Identification of Compounds That Activate Pregnane X Receptor. **2022**, 2, ○
- 30 Development of an amplicon-based high throughput sequencing method for genotypic characterisation of norovirus in oysters. ○
- 29 Catalyst-Accelerated Circular Cascaded DNA Circuits: Simpler Design, Faster Speed, Higher Gain. 2205903 ○
- 28 Selection of stably expressed internal control genes in circulating polymorphoneutrophils of periparturient Sahiwal (*Bos indicus*) cows. **2018**, 88, 79-85 ○
- 27 Potential Changes in Soil Microbial Composition under 1,2-Dichlorobenzene Contamination. **2023**, 15, 1432 ○
- 26 Galactosyltransferase GhRFS6 interacting with GhOPR9 involved in defense against *Verticillium* wilt in cotton. **2023**, 328, 111582 ○
- 25 Selection and Verification of Reference Genes for Gene Expression Studies in Different Cell Lines of Golden Pompano (*Trachinotus ovatus*). **2023**, 8, 8 ○
- 24 Transcriptomic-based selection of reference genes for quantitative real-time PCR in an insect endosymbiotic model. ○
- 23 Expression pattern of genes encoding bZIP56, WRKY1 and NAM-B1 transcription factors under Zn deficiency conditions in bread wheat (*Triticum aestivum* L.). **2022**, 14, 106-116 ○
- 22 Comparison between droplet digital PCR and reverse transcription-quantitative PCR methods to measure ecotoxicology biomarkers. **2023**, 190, 114829 ○

21	Development and application of a reverse transcription droplet digital PCR assay for detection and quantification of <i>Plantago asiatica</i> mosaic virus. <b>2023</b> , 169, 106255	○
20	Morpho-Physiological, Biochemical, and Ultrastructural Modifications on Sugarcane to Prolonged Water Deficit. <b>2022</b> , 139-158	○
19	Validation of the Reference Genes for Expression Analysis in the Hippocampus after Transient Ischemia/Reperfusion Injury in Gerbil Brain. <b>2023</b> , 24, 2756	○
18	THz-PCR Based on Resonant Coupling between Middle Infrared and DNA Carbonyl Vibrations. <b>2023</b> , 15, 8224-8231	○
17	Transmission of Asian Zika Lineage by <i>Aedes aegypti</i> and <i>Ae. albopictus</i> Mosquitoes in Florida. <b>2023</b> , 15, 425	1
16	Global distribution, traditional and modern detection, diagnostic, and management approaches of <i>Rhizoctonia solani</i> associated with legume crops. 13,	○
15	Gene-Edited Human-Induced Pluripotent Stem Cell Lines to Elucidate DAND5 Function throughout Cardiac Differentiation. <b>2023</b> , 12, 520	○
14	A Novel and Highly Inclusive Quantitative Real-Time RT-PCR Method for the Broad and Efficient Detection of Grapevine Leafroll-Associated Virus 1. <b>2023</b> , 12, 876	○
13	Selection and Validation of Reference Genes for RT-qPCR Analysis of Gene Expression in <i>Nicotiana benthamiana</i> upon Single Infections by 11 Positive-Sense Single-Stranded RNA Viruses from Four Genera. <b>2023</b> , 12, 857	○
12	Systematic Identification of the Optimal Housekeeping Genes for Accurate Transcriptomic and Proteomic Profiling of Tissues following Complex Traumatic Injury. <b>2023</b> , 6, 22	○
11	Anti-Mutagenic and Immunomodulatory Effects of <i>Astragali Radix</i> Extract on a Cyclophosphamide-Induced Immunosuppressed Mouse Model. <b>2023</b> , 13, 2959	○
10	Addressing the challenges of symbiont-mediated RNAi in aphids. 11, e14961	○
9	Robust and Precise Quantitative Real-Time Polymerase Chain Reaction with an Amplification Efficiency-Aware Reaction Kinetics Model. <b>2023</b> , 95, 5402-5410	○
8	Insights into Early Ontogenesis of <i>Salmo salar</i> : RNA Extraction, Housekeeping Gene Validation and Transcriptional Expression of Important Primordial Germ Cell and Sex-Determination Genes. <b>2023</b> , 13, 1094	○
7	Phosphorus level impacts luteolin effect on <i>Microcystis aeruginosa</i> growth and microcystin-pollution risk [Novel perspective from correlation between exopolymers substances fractions and microcystin-production/release. <b>2023</b> , 255, 114794	○
6	Informative Use of Cycle-Threshold Values to Account for Sampling Variability in Pathogen Detection	○
5	E-Cigarette Aerosol Condensate Leads to Impaired Coronary Endothelial Cell Health and Restricted Angiogenesis. <b>2023</b> , 24, 6378	○
4	Facilitation of Dye-Based Quantitative Real-Time Polymerase Chain Reaction with Poly(ethylene glycol)-Engrafted Graphene Oxide. <b>2023</b> , 13, 1348	○

- 3 Amplicon-Based High-Throughput Sequencing Method for Genotypic Characterization of Norovirus in Oysters. o
- 2 2D silicene nanosheets for the detection of DNA nucleobases for genetic biomarker: a DFT study. o
- 1 Transcriptomic-based selection of reference genes for quantitative real-time PCR in an insect endosymbiotic model. 11, o