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DOI: PM/7692896

BioTechniques, 1993, 15, 532-4, 536-7.

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1715	Deletion within the Src homology domain 3 of Bruton's tyrosine kinase resulting in X-linked agammaglobulinemia (XLA). 1994 , 180, 461-70		78
1714	Fluorescent differential display: arbitrarily primed RT-PCR fingerprinting on an automated DNA sequencer. 1994 , 351, 231-6		149
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1712	Adenovirus-mediated transfer of the HST-1 (FGF4) gene induces increased levels of platelet count in vivo. 1994 , 91, 12368-72		27
1711	A central role for a single c-Myb binding site in a thymic locus control region. 1995 , 15, 5707-15		37
1710	Class I [beta]-1,3-Glucanases in the Endosperm of Tobacco during Germination. 1995 , 109, 751-759		106
1709	c-kit ligand mediates increased expression of cytosolic phospholipase A2, prostaglandin endoperoxide synthase-1, and hematopoietic prostaglandin D2 synthase and increased IgE-dependent prostaglandin D2 generation in immature mouse mast cells. 1995 , 270, 3239-46		110
1708	DNA isolation from lichen ascomata. 1995 , 99, 1321-1324		109
1707	12-Lipoxygenase isoenzymes in mouse skin tumor development. 1995 , 14, 118-29		63
1706	Human peri-tumoral and lung fibroblasts produce paracrine motility factors for recently established human sarcoma cell strains. 1995 , 62, 585-92		14
1705	Estrogen response in the hFOB 1.19 human fetal osteoblastic cell line stably transfected with the human estrogen receptor gene. 1995 , 59, 193-201		56
1704	Isolation and functional identification of a novel cDNA for astaxanthin biosynthesis from Haematococcus pluvialis, and astaxanthin synthesis in Escherichia coli. 1995 , 29, 343-52		129
1703	Down-regulation of PTH-PTHrP receptor of heart in CRF: role of [Ca ²⁺] _i . 1995 , 47, 1182-6		30
1702	Impaired agonist-induced calcium signaling in hepatocytes from chronic renal failure rats. 1995 , 48, 1324-31		18
1701	Peg1/Mest imprinted gene on chromosome 6 identified by cDNA subtraction hybridization. 1995 , 11, 52-9		254

1700	Differential display analysis of gene expression in developing embryos of <i>Xenopus laevis</i> . 1995 , 1262, 43-51	17
1699	Norepinephrine-independent regulation of GR11 mRNA in vivo by a tricyclic antidepressant. 1995 , 687, 79-82	53
1698	Pre- and post-translational regulation of lysyl oxidase by transforming growth factor-beta 1 in osteoblastic MC3T3-E1 cells. 1995 , 270, 30797-803	81
1697	Molecular characterization of major histocompatibility complex class II gene expression and demonstration of antigen-specific T cell response indicate a new phenotype in class II-deficient patients. 1995 , 181, 1411-23	43
1696	Structure and expression of a smooth muscle cell-specific gene, SM22 alpha. 1995 , 270, 13460-9	209
1695	Interleukin-3 regulates development of the 5-lipoxygenase/leukotriene C4 synthase pathway in mouse mast cells. 1995 , 270, 22653-6	73
1694	A heteromorphous protein-tyrosine phosphatase, PTP phi, is regulated by CSF-1 in macrophages. 1995 , 270, 27339-47	39
1693	Does benzyladenine stimulate DNA metabolism by modifying gene expression during maize germination?. 1995 , 5, 219-226	7
1692	Cytostatic gene therapy for vascular proliferative disorders with a constitutively active form of the retinoblastoma gene product. 1995 , 267, 518-22	425
1691	RNase E autoregulates its synthesis by controlling the degradation rate of its own mRNA in <i>Escherichia coli</i> : unusual sensitivity of the rne transcript to RNase E activity. 1995 , 9, 84-96	133
1690	Inducible NorA-mediated multidrug resistance in <i>Staphylococcus aureus</i> . 1995 , 39, 2650-5	217
1689	A novel beta subunit increases rate of inactivation of specific voltage-gated potassium channel alpha subunits. 1995 , 270, 6272-7	135
1688	Time-dependent decreases of atrial natriuretic peptide release from the isolated rat atrium: evidence for a readily releasable pool. 1995 , 60, 9-18	1
1687	Antisense oligodeoxynucleotides to G-protein alpha-subunit subclasses identify a transductional requirement for the modulation of normal feeding dependent on G alpha OA subunit. 1995 , 33, 72-8	19
1686	Application of quantitative RT-PCR to the analysis of dopamine receptor mRNA levels in rat striatum. 1995 , 34, 127-34	22
1685	Cloning and characterization of the rat GALR1 galanin receptor from Rin14B insulinoma cells. 1995 , 34, 179-89	210
1684	Simultaneous extraction of total RNA and peptides from tissues: application to tachykinins. 1995 , 16, 45-53	19
1683	A rapid protocol for isolation of RNA from mycobacteria. 1995 , 21, 14-7	12

1682	Identification of a novel human serpin gene; cloning sequencing and expression of leupin. 1995 , 373, 61-5	16
1681	Up-regulation of endothelial nitric oxide synthase expression by cyclic guanosine 3',5'-monophosphate. 1995 , 374, 295-8	23
1680	A rapid and simple method for the detection of prostate-specific antigen mRNA in archival tissue specimens using a reverse transcription-polymerase chain reaction assay. 1995 , 45, 597-603	23
1679	Two endothelin receptors (ETA and ETB) expressed on circular smooth muscle cells of guinea pig cecum. 1995 , 108, 51-7	25
1678	Regulation of c-fos expression and TGF-beta production by gonadal and adrenal androgens in normal human osteoblastic cells. 1995 , 52, 149-58	63
1677	A quantitative assay for IGF-I and IGF binding protein mRNAs: expression in malignant melanoma cells. 1995 , 110, 213-23	12
1676	Implications of prostate micrometastases in pelvic lymph nodes: an archival tissue study. 1996 , 47, 370-5	73
1675	Relaxation of imprinting of the insulin-like growth factor II gene in colorectal cancer. 1996 , 107, 105-8	28
1674	The alpha / beta and alpha 2 / alpha 1-globin mRNA ratios in different forms of alpha-thalassemia. 1996 , 1315, 188-92	11
1673	The relative levels of alpha 2-, alpha 1-, and zeta-mRNA in HB H patients with different deletional and nondeletional alpha-thalassemia determinants. 1996 , 1316, 176-82	8
1672	A molecular analysis of PGE receptor (EP) expression on normal and transformed B lymphocytes: coexpression of EP1, EP2, EP3beta and EP4. 1996 , 33, 33-45	51
1671	An endogenous 55 kDa TNF receptor mediates cell death in a neural cell line. 1996 , 38, 222-32	47
1670	Creatine kinase-B mRNA levels in brain regions from male and female rats. 1996 , 41, 50-6	18
1669	The first contiguous estrogen receptor gene from a fish, <i>Oreochromis aureus</i> : evidence for multiple transcripts. 1996 , 120, 177-92	33
1668	Mutations involving the endogenous ecotropic murine leukemia virus in primary mammary carcinomas of BALB/c mice. 1996 , 99, 121-7	4
1667	Development of an in situ toxicity assay system using recombinant baculoviruses. 1996 , 51, 503-15	22
1666	Identification of functional aryl hydrocarbon receptor and aryl hydrocarbon receptor nuclear translocator in murine splenocytes. 1996 , 52, 771-80	25
1665	Both action potentials and variation potentials induce proteinase inhibitor gene expression in tomato. 1996 , 390, 275-9	121

1664	Hb Costa Rica or $\beta 77(\text{EF1})\text{His}\rightarrow\text{Arg}$: The first example of a somatic cell mutation in a globin gene. <i>Human Genetics</i> , 1996 , 97, 829-833	6.3	8
1663	Interleukin-6 induces proliferation of rat hepatocytes in vivo. 1996 , 25, 941-7		38
1662	Obesity is necessary but not sufficient for the development of diabetes mellitus. 1996 , 45, 1288-95		21
1661	Pancreatic regeneration (reg) gene expression in a rat model of islet hyperplasia. 1996 , 119, 576-84		41
1660	Synthesis of tissue inhibitor of metalloproteinase-1 (TIMP-1) in rabbit aortic neointima after selective de-endothelialization. 1996 , 126, 95-104		14
1659	Loss of heterozygosity on chromosome 6 in dichloroacetic acid and trichloroacetic acid-induced liver tumors in female B6C3F1 mice. 1996 , 108, 257-61		9
1658	Isolation and characterization of a TATA-less promoter for the human RAG-1 gene. 1996 , 33, 1059-66		29
1657	Developmental expression of the collagen-binding heat-shock protein GP46 and collagen types I and IV in rat tissues. 1996 , 74, 179-85		8
1656	Aldosterone regulation of sodium channel gamma-subunit mRNA in cortical collecting duct cells. 1996 , 271, C423-8		38
1655	Nerve growth factor and neurotrophin-3 differentially regulate the proliferation and survival of developing rat brain oligodendrocytes. 1996 , 16, 6433-42		162
1654	Changes in endothelial nitric oxide synthase mRNA during vasospasm after subarachnoid hemorrhage in monkeys. 1996 , 39, 562-7; discussion 567-8		78
1653	Use of a retroviral vector with an internal opsin promoter to direct gene expression to retinal photoreceptor cells. 1996 , 15, 833-44		13
1652	The relative levels of different types of beta-mRNA and beta-globin in BFU-E derived colonies from patients with beta chain variants; further evidence for somatic mosaicism in the Hb Costa Rica carrier [$\beta 77(\text{EF1})\text{His}\rightarrow\text{Arg}$]. 1996 , 20, 199-212		3
1651	[12]Fluorescent differential display method for high-speed scanning of tissue- or cell-specific transcripts. 1996 , 229-245		7
1650	Cross-linking of the high-affinity IgE receptor induces the expression of cyclo-oxygenase 2 and attendant prostaglandin generation requiring interleukin 10 and interleukin 1 beta in mouse cultured mast cells. 1996 , 320 (Pt 3), 965-73		30
1649	Regulation of brain interleukin-1 beta (IL-1 beta) system mRNAs in response to pathophysiological concentrations of IL-1 beta in the cerebrospinal fluid. 1996 , 7, 169-81		20
1648	Cloning and characterization of cDNAs encoding two forms of avian stem cell factor. 1996 , 1307, 149-51		6
1647	A simplified, competitive RT-PCR method for measuring rat IFN-gamma mRNA expression. 1996 , 195, 139-48		31

1646	Ensuring recovery of intact RNA from rat pancreas. 1996 , 6, 359-62	11
1645	Down-regulation of Na channel expression by A23187 in N1E-115 neuroblastoma cells. 1996 , 706, 343-6	22
1644	Kainic acid increases the expression of the prohormone convertases furin and PC1 in the mouse hippocampus. 1996 , 732, 121-32	30
1643	Analysis of RNA by capillary electrophoresis. 1996 , 17, 1512-7	34
1642	MRNA analysis in reticulocytes of subjects with Hb D, Hb Porto Alegre, Hb E, and different types of unstable hemoglobin variants. 1996 , 52, 258-63	3
1641	Metabolic flux analysis of hybridoma cells in different culture media using mass balances. 1996 , 50, 299-318	200
1640	An approach to study molecular mechanisms involved in cytokine-induced anorexia. 1996 , 70, 33-8	8
1639	In vitro expression and inhibition of procoagulant activity produced by bovine alveolar macrophages and peripheral blood cells. 1996 , 20, 519-31	5
1638	Development of a rapid detection procedure for Cryptosporidium, using in vitro cell culture combined with PCR. 1996 , 43, 72S	16
1637	Expression of Somatostatin Receptor (SSTR) Subtypes in Pituitary Adenomas: Quantitative Analysis of SSTR2 mRNA by Reverse Transcription-Polymerase Chain Reaction. 1996 , 8, 605-610	24
1636	Peg3 imprinted gene on proximal chromosome 7 encodes for a zinc finger protein. 1996 , 12, 186-90	215
1635	Increased expression of endothelin B receptor mRNA following subarachnoid hemorrhage in monkeys. 1996 , 16, 688-97	85
1634	Mutations in the kinase Rsk-2 associated with Coffin-Lowry syndrome. 1996 , 384, 567-70	348
1633	Molecular cloning and characterization of a novel mouse macrophage gene that encodes a nuclear protein comprising polyglutamine repeats and interspersing histidines. 1996 , 271, 25515-23	8
1632	Regulation of lysyl oxidase by basic fibroblast growth factor in osteoblastic MC3T3-E1 cells. 1996 , 271, 6411-6	31
1631	Identification of a TAAT-containing motif required for high level expression of the COL1A1 promoter in differentiated osteoblasts of transgenic mice. 1996 , 271, 16422-9	77
1630	Cannabinoid inhibition of adenylyate cyclase-mediated signal transduction and interleukin 2 (IL-2) expression in the murine T-cell line, EL4.IL-2. 1996 , 271, 13175-83	97
1629	Identification and characterization of novel genes modulated in the thyroid of dogs treated with methimazole and propylthiouracil. 1996 , 271, 28451-7	32

1628	A heparin-sensitive phospholipase A2 and prostaglandin endoperoxide synthase-2 are functionally linked in the delayed phase of prostaglandin D2 generation in mouse bone marrow-derived mast cells. 1996 , 271, 25936-44	85
1627	Alpha-, beta-, and gamma-mRNA levels in beta-thalassemia; transcriptional and translational differences in heterozygotes, homozygotes, and compound heterozygotes. 1997 , 21, 27-39	6
1626	Estrogen regulation of human osteoblastic cell proliferation and differentiation. 1997 , 138, 2919-27	108
1625	Activation of the metaphase checkpoint and an apoptosis programme in the early zebrafish embryo, by treatment with the spindle-destabilising agent nocodazole. 1997 , 5, 329-50	41
1624	The role of alpha1beta1 integrin in wound contraction. A quantitative analysis of liver myofibroblasts in vivo and in primary culture. 1997 , 272, 30911-7	150
1623	Activity of ubiquitin-dependent pathway in response to oxidative stress. Ubiquitin-activating enzyme is transiently up-regulated. 1997 , 272, 23086-93	178
1622	Aberrant renal vascular morphology and renin expression in mutant mice lacking angiotensin-converting enzyme. 1997 , 29, 216-21	88
1621	Treatment of experimental autoimmune encephalomyelitis with genetically modified memory T cells. 1997 , 186, 159-64	159
1620	Impaired bone marrow microenvironment and immune function in T cell protein tyrosine phosphatase-deficient mice. 1997 , 186, 683-93	309
1619	Endothelial cell expression of testican mRNA. 1997 , 5, 209-19	26
1618	Prolonged reduction of high blood pressure with an in vivo, nonpathogenic, adeno-associated viral vector delivery of AT1-R mRNA antisense. 1997 , 29, 374-80	83
1617	Megakaryocytic differentiation induced by constitutive activation of mitogen-activated protein kinase kinase. 1997 , 17, 1947-58	208
1616	Analysis of mRNA from red cells of patients with thalassemia and hemoglobin variants. 1997 , 21, 437-67	9
1615	Organization of the human beta-1,2-N-acetylglucosaminyltransferase I gene (MGAT1), which controls complex and hybrid N-glycan synthesis. 1997 , 321 (Pt 2), 465-74	37
1614	Morphometric assessment of the dermal microcirculation in patients with chronic venous insufficiency. 1997 , 26, 784-95	79
1613	CDNA cloning, heterologous expression, and characterization of rat intestinal CYP2J4. 1997 , 340, 270-8	31
1612	Differential display of reticulocalbin in the highly invasive cell line, MDA-MB-435, versus the poorly invasive cell line, MCF-7. 1997 , 231, 283-9	89
1611	HIV-1 gp120 modulates hypothalamic cytokine mRNAs in vivo: implications to cytokine feedback systems. 1997 , 231, 514-8	37

1610	Isolation and expression study of a maternally expressed novel <i>Xenopus</i> gene <i>Xem1</i> encoding a putative evolutionarily conserved membrane protein. 1997 , 238, 899-904	5
1609	Suppression of cytochrome P450 <i>Cyp2f2</i> mRNA levels in mice by the peroxisome proliferator diethylhexylphthalate. 1997 , 239, 660-5	12
1608	A set of novel tadpole specific genes expressed only in the epidermis are down-regulated by thyroid hormone during <i>Xenopus laevis</i> metamorphosis. 1997 , 182, 284-98	65
1607	Sepsis impairs anastomotic collagen gene expression and synthesis: a possible role for nitric oxide. 1997 , 69, 81-6	29
1606	Genetic and biochemical evidence for a novel avermectin-sensitive chloride channel in <i>Caenorhabditis elegans</i> . Isolation and characterization. 1997 , 272, 33167-74	92
1605	Expression of a constitutive cytochrome P450 (<i>CYP2K1</i>) in livers of rainbow trout (<i>Oncorhynchus mykiss</i>) embryo and sac-fry. 1997 , 37, 237-251	16
1604	Induction of interleukin-1 beta-converting enzyme (ICE) in murine microglia by lipopolysaccharide. 1997 , 51, 170-8	31
1603	Effect of compensatory growth on mammary growth and development in beef heifers. 1997 , 51, 237-244	3
1602	Relationship between heat shock protein 60 (HSP60) mRNA expression and resistance to platinum analogues in human ovarian and bladder carcinoma cell lines. 1997 , 119, 63-70	20
1601	Effect of dystrophin antisense oligonucleotides on cultured human neurons. 1997 , 31, 447-57	12
1600	Interleukin-1 receptor type I mRNA levels in brain regions from male and female rats. 1997 , 42, 463-7	20
1599	Central nervous system IL-1 beta system and neuropeptide Y mRNAs during IL-1 beta-induced anorexia in rats. 1997 , 44, 311-7	89
1598	Cloning and identification of the <i>Sulfolobus solfataricus</i> <i>lrp</i> gene encoding an archaeal homologue of the eubacterial leucine-responsive global transcriptional regulator <i>Lrp</i> . 1997 , 201, 63-8	19
1597	Angiotensinogen T235 expression is elevated in decidual spiral arteries. 1997 , 100, 1406-15	89
1596	Zis: a developmentally regulated gene expressed in juxtaglomerular cells. 1997 , 273, F731-8	19
1595	Effect of in vivo injection of cholera and pertussis toxin on glucose transport in rat skeletal muscle. 1997 , 272, E7-17	6
1594	Effects of diabetes on rodent cardiac thyroid hormone receptor and isomyosin expression. 1997 , 272, E856-63	4
1593	Loss of ovarian function promotes angiogenesis in human ovarian carcinoma. 1997 , 94, 13203-8	89

1592	Regulation of pineal alpha1B-adrenergic receptor mRNA: day/night rhythm and beta-adrenergic receptor/cyclic AMP control. 1997 , 51, 551-7	31
1591	Mechanisms of fluoroquinolone resistance in genetically related strains of <i>Staphylococcus aureus</i> . 1997 , 41, 2733-7	116
1590	BCR-ABL Transcripts in Bone Marrow Aspirates of Philadelphia-Negative Essential Thrombocythemia Patients: Clinical Presentation. 1997 , 90, 2768-2771	42
1589	Analysis of myosin heavy chain mRNA expression by RT-PCR. 1997 , 83, 1389-96	63
1588	Infrequent mutation of the H-cadherin gene on chromosome 16q24 in human breast cancers. 1997 , 88, 701-4	10
1587	Defective integration of activating signals derived from the T cell receptor (TCR) and costimulatory molecules in both CD4+ and CD8+ T lymphocytes of common variable immunodeficiency (CVID) patients. 1997 , 110, 174-81	37
1586	Elevation of [Ca ²⁺] _i of renal proximal tubular cells and down-regulation of mRNA of PTH-PTHrP, V1a and AT1 receptors in kidney of diabetic rats. 1997 , 51, 1950-5	16
1585	TRIzol for plasmid DNA isolation. 1997 , 2, 76-77	1
1584	Incomplete processing of type II procollagen by a rat chondrosarcoma cell line. 1997 , 247, 620-4	20
1583	Isolation of the gene encoding <i>Pyrococcus furiosus</i> ornithine carbamoyltransferase and study of its expression profile in vivo and in vitro. 1997 , 247, 1038-45	13
1582	Increased neuronal nitric oxide synthase expression in brain following portacaval anastomosis. 1997 , 765, 169-72	71
1581	Quantitative reverse transcriptase/PCR assay for the measurement of induction in cultured hepatocytes. 1997 , 107, 47-61	16
1580	Surprising diversity and distribution of spliced leader RNAs in flatworms. 1997 , 87, 29-48	41
1579	Gene linkage and steady state RNAs suggest trans-splicing may be associated with a polycistronic transcript in <i>Schistosoma mansoni</i> . 1997 , 89, 25-39	34
1578	Differential sensitivities of human blood monocytes and alveolar macrophages to the inhibition of prostaglandin endoperoxide synthase-2 by interleukin-4. 1997 , 53, 237-51	12
1577	Killing of rat adenocarcinoma 13762 in situ by adoptive transfer of CD4+ anti-tumor T cells requires tumor expression of cell surface MHC class II molecules. 1997 , 178, 79-90	19
1576	<i>Trichinella spiralis</i> : synthesis of type IV and type VI collagen during nurse cell formation. 1997 , 86, 191-9	36
1575	Detection of serologic neutralizing antibodies against HPV-11 in patients with condyloma acuminata and cervical dysplasia using an in vitro assay. 1997 , 66, 295-9	11

1574	Isolation and characterisation of a diverse family of Arabidopsis two and three-fingered C ₂ H ₂ zinc finger protein genes and cDNAs. 1997 , 33, 615-24	57
1573	Expression of the placenta-specific, 100 kDa ras GTPase activating protein in several human cancer cell lines and normal human tissues. 1997 , 175, 195-204	2
1572	Quantitative PCR analysis of TNF-alpha and IL-1 beta mRNA levels in pediatric IBD mucosal biopsies. 1997 , 42, 1557-66	93
1571	Chondrocytes are regulated by cellular adhesion through CD44 and hyaluronic acid pathway. 1997 , 12, 1657-63	102
1570	Effect of the cytostatic butyric acid pro-drug, pivaloyloxymethyl butyrate, on the tumorigenicity of cancer cells. 1997 , 123, 267-71	17
1569	Analysis of the local kinetics and localization of interleukin-1 alpha, tumour necrosis factor-alpha and transforming growth factor-beta, during the course of experimental pulmonary tuberculosis. 1997 , 90, 607-17	125
1568	TAK-603 selectively suppresses Th1-type cytokine production and inhibits the progression of adjuvant arthritis. 1997 , 92, 75-83	17
1567	Isolating RNA from clinical samples with Catrimox-14 and lithium chloride. 1997 , 11, 132-9	8
1566	Quantitative analysis of human multidrug resistance 1 (MDR1) gene expression by nonisotopic competitive reverse transcriptase polymerase chain reaction assay. 1997 , 11, 258-66	6
1565	Male accessory sex organ morphogenesis is altered by loss of function of Hoxd-13. 1997 , 208, 454-65	112
1564	Disruption of Msx-1 and Msx-2 reveals roles for these genes in craniofacial, eye, and axial development. 1997 , 209, 70-84	71
1563	Anabolic steroids induce injury and apoptosis of differentiated skeletal muscle. 1997 , 47, 186-197	32
1562	Interleukin-1beta (IL-1beta)-induced modulation of the hypothalamic IL-1beta system, tumor necrosis factor-alpha, and transforming growth factor-beta1 mRNAs in obese (fa/fa) and lean (Fa/Fa) Zucker rats: implications to IL-1beta feedback systems and cytokine-cytokine interactions. 1997 , 49, 541-50	48
1561	Regulation of GABA(A) receptor subunit mRNA expression by the pesticide dieldrin in embryonic brainstem cultures: a quantitative, competitive reverse transcription-polymerase chain reaction study. 1997 , 49, 645-53	15
1560	Stabilization of myelin mRNAs as measured in a brain slice system. 1997 , 50, 1030-9	8
1559	Cyclooxygenase 2 RNA message abundance, stability, and hypervariability in sporadic Alzheimer neocortex. 1997 , 50, 937-45	109
1558	Expression of a vitamin D-regulated gene (VDUP-1) in untreated- and MNU-treated rat mammary tissue. 1998 , 48, 33-44	39
1557	Transcriptional regulation of the human UDP-GlcNAc:alpha-6-D-mannoside beta-1-2-N-acetylglucosaminyltransferase II gene (MGAT2) which controls complex N-glycan synthesis. 1998 , 15, 301-8	12

1556	Run-on gene transcription in human neocortical nuclei. Inhibition by nanomolar aluminum and implications for neurodegenerative disease. 1998 , 11, 67-78	51
1555	Characterization of a novel cDNA obtained through differential-display PCR of phorbol ester-stimulated ovarian tissue from the brook trout (<i>Salvelinus fontinalis</i>). 1998 , 49, 112-8	22
1554	Repression of interleukin-2 mRNA translation in primary human breast carcinoma tumor-infiltrating lymphocytes. 1998 , 190, 141-55	31
1553	The response of hepatic acute phase proteins during experimental pulmonary tuberculosis. 1998 , 65, 25-36	16
1552	Human T-cell leukemia virus type 1 Tax protein induces the expression of lymphocyte chemoattractant SDF-1/PBSF. 1998 , 241, 298-303	27
1551	High SDF-1 expression in HIV-1 carriers does not correlate with CD8+ T-cell-mediated suppression of viral replication. 1998 , 244, 467-72	12
1550	Identification of estrogen receptor protein and messenger ribonucleic acid in human spermatozoa. 1998 , 178, 1288-97	80
1549	Differential display analysis of oxygen-mediated changes in gene expression in first trimester human trophoblast cells. 1998 , 19, 483-8	13
1548	1,25-Dihydroxyvitamin D3 inhibition of col1a1 promoter expression in calvariae from neonatal transgenic mice. 1998 , 1398, 285-93	16
1547	Differential display with carboxy-X-rhodamine-labeled primers and the selection of differentially amplified cDNA fragments without cloning. 1998 , 256, 82-91	32
1546	Phenol-extracted plant proteins can be renatured and assayed in gel for protein kinase activity. 1998 , 265, 183-5	0
1545	Activity of glutamate dehydrogenase is increased in ammonia-stressed hybridoma cells. 1998 , 57, 447-453	21
1544	Shear stress down-regulates gene transcription and production of adrenomedullin in human aortic endothelial cells. 1998 , 71, 109-115	28
1543	Selective differential fingerprinting. A method for identifying differentially expressed genes in a family between two samples. 1998 , 10, 77-81	3
1542	PIG-B: a homemade monophasic cocktail for the extraction of RNA. 1998 , 9, 73-7	42
1541	Interleukin-1 alpha (IL-1 alpha), IL-1 beta, IL-1 receptor type I, IL-1 receptor antagonist, and TGF-beta 1 mRNAs in pediatric astrocytomas, ependymomas, and primitive neuroectodermal tumors. 1998 , 33, 125-37	19
1540	Molecular cloning of KS, a novel rat gene expressed exclusively in the kidney. 1998 , 54, 1444-54	13
1539	Clinicopathological significance of intratubular giant macrophages in progressive glomerulonephritis. 1998 , 53, 1190-200	21

1538	Modifications of RNase protection assay for neuroscience applications. 1998 , 84, 139-41	9
1537	The human RIL gene: mapping to human chromosome 5q31.1, genomic organization and alternative transcripts. 1998 , 210, 239-45	26
1536	Human AIM-1: cDNA cloning and reduced expression during endomitosis in megakaryocyte-lineage cells. 1998 , 224, 1-7	18
1535	Sebaceous carcinoma. Tumor progression through mutational inactivation of p53. 1998 , 105, 497-506	62
1534	Heterologous epitopes of IRBP protect against autoimmune uveitis induced by the autologous epitope. 1998 , 88, 128-36	8
1533	Gene expression studies of mRNAs encoding the NMDA receptor subunits NMDAR1, NMDAR2A, NMDAR2B, NMDAR2C, and NMDAR2D following long-term treatment with cis- and trans-flupenthixol as a model for understanding the mode of action of schizophrenia drug treatment. 1998 , 54, 92-100	21
1532	In vivo IL-1beta-induced modulation of G-protein alphaO subunit subclass in the hypothalamic ventromedial nucleus: implications to IL-1beta-associated anorexia. 1998 , 58, 188-94	14
1531	The pro-protein convertase PC1 is induced in the transected sciatic nerve and is present in cultured Schwann cells: comparison with PC5, furin and PC7, implication in pro-BDNF processing. 1998 , 59, 229-46	26
1530	Taurine chloramine inhibits production of nitric oxide and prostaglandin E2 in activated C6 glioma cells by suppressing inducible nitric oxide synthase and cyclooxygenase-2 expression. 1998 , 59, 189-95	51
1529	Expression of the 75 kDa TNF receptor and its role in contact-mediated neuronal cell death. 1998 , 62, 111-21	20
1528	Circadian rhythm of brain-derived neurotrophic factor in the rat suprachiasmatic nucleus. 1998 , 242, 89-92	86
1527	Effect of Wave Action on Muscle Composition, Metabolites and Growth Indices in the New Zealand Abalone, Paua (<i>Haliotis iris</i>), with Implications for Harvesting and Aquaculture. 1998 , 119, 129-136	14
1526	Interleukin-1beta system (ligand, receptor type I, receptor accessory protein and receptor antagonist), TNF-alpha, TGF-beta1 and neuropeptide Y mRNAs in specific brain regions during bacterial LPS-induced anorexia. 1998 , 45, 507-15	66
1525	Molecular and immunochemical characterization of the ionotropic glutamate receptors in the rat heart. 1998 , 46, 429-34	83
1524	Effects of protein kinase A inhibitor (H-89) on VIP- and GRF-induced release and mRNA expression of prolactin and growth hormone in the chicken pituitary gland. 1998 , 119, 89-95	12
1523	The influence of bovine growth hormone and growth hormone releasing factor on acetyl-CoA carboxylase and fatty acid synthase in primiparous Holstein cows. 1998 , 120, 241-9	8
1522	Gene expression of insulin-like growth factor-I, its receptor and binding proteins in retina under hypoxic conditions. 1998 , 47, 1331-6	33
1521	Hepatic lipase affects both HDL and ApoB-containing lipoprotein levels in the mouse. 1998 , 1392, 276-90	25

1520	Intercellular communication between vascular smooth muscle and endothelial cells mediated by heparin-binding epidermal growth factor-like growth factor and vascular endothelial growth factor. 1998 , 425, 441-7	68
1519	Regenerating gene protein may mediate gastric mucosal proliferation induced by hypergastrinemia in rats. 1998 , 115, 1483-93	159
1518	Genetic engineering of glucose-stimulated insulin secretion in Chinese hamster ovary cells. 1998 , 26, 329-40	4
1517	Persistent iron and folate deficiency in a patient with deletional hereditary persistence of fetal hemoglobin; the effect on the relative levels of Hb F and G gamma chains and the corresponding mRNAs. 1998 , 22, 53-63	4
1516	Characterization of the cytochrome P450 CYP2J4: expression in rat small intestine and role in retinoic acid biotransformation from retinal. 1998 , 353, 257-64	33
1515	Phenytoin alters transcript levels of hormone-sensitive lipase in muscle from horses with hyperkalemic periodic paralysis. 1998 , 358, 264-70	4
1514	Enhanced collagen accumulation following direct transfection of the inducible nitric oxide synthase gene in cutaneous wounds. 1998 , 246, 654-9	133
1513	Differentiation method-dependent expression of leptin in adipocyte cell lines. 1998 , 251, 225-9	22
1512	Bone marrow stromal cells as targets for gene therapy of hemophilia A. 1998 , 9, 353-65	66
1511	Expression of brain-derived neurotrophic factor and its cognate receptor, TrkB, in the rat suprachiasmatic nucleus. 1998 , 151, 184-93	39
1510	pyrH-encoded UMP-kinase directly participates in pyrimidine-specific modulation of promoter activity in Escherichia coli. 1998 , 280, 571-82	47
1509	Quantification of G protein mRNA using reverse transcription and competitive PCR with a colorimetric microplate assay. 1998 , 12, 15-25	1
1508	Detection of intrauterine viral infection using the polymerase chain reaction. 1998 , 63, 85-95	66
1507	Coordinate expression of cyclooxygenase-2 and renin in the rat kidney in renovascular hypertension. 1998 , 31, 201-5	106
1506	Efficient reamplification of differential display products by transient ligation and thermal asymmetric PCR. 1998 , 26, 1130-1	6
1505	Prostaglandin E2 Up-regulates HIV-1 long terminal repeat-driven gene activity in T cells via NF-kappaB-dependent and -independent signaling pathways. 1998 , 273, 27306-14	47
1504	Structure and expression of a dhurrinase (beta-glucosidase) from sorghum. 1998 , 116, 1469-78	60
1503	An alternatively spliced fibroblast growth factor (FGF)-5 mRNA is abundant in brain and translates into a partial agonist/antagonist for FGF-5 neurotrophic activity. 1998 , 273, 29262-71	29

1502	Glucocorticoids decrease c-fos expression in human nasal polyps in vivo. 1998 , 53, 577-82	13
1501	Estrogen regulation of a transforming growth factor-beta inducible early gene that inhibits deoxyribonucleic acid synthesis in human osteoblasts. 1998 , 139, 1346-53	71
1500	Alpha 1-antitrypsin and protease complexation is induced by lipopolysaccharide, interleukin-1beta, and tumor necrosis factor-alpha in monocytes. 1998 , 157, 246-55	68
1499	Simultaneous up-regulation of viral receptor expression and DNA synthesis is required for increasing efficiency of retroviral hepatic gene transfer. 1998 , 273, 11954-61	18
1498	Pex mRNA is localized in developing mouse osteoblasts and odontoblasts. 1998 , 46, 459-68	129
1497	Expression of FAP-1 (Fas-associated phosphatase) and resistance to Fas-mediated apoptosis in T cell lines derived from human T cell leukemia virus type 1-associated myelopathy/tropical spastic paraparesis patients. 1998 , 14, 261-7	45
1496	TGF alpha is dispensable for skin tumorigenesis in Tg.AC mice. 1998 , 26, 562-9	7
1495	Expression of 15-lipoxygenase by human colorectal carcinoma Caco-2 cells during apoptosis and cell differentiation. 1998 , 273, 21569-77	107
1494	Impact of chronic treatment of ewes with estradiol-17beta or progesterone on oxytocin receptor gene transcription and ovarian oxytocin secretion. 1998 , 59, 105-10	3
1493	Preservation of nucleic acids for polymerase chain reaction after prolonged storage at room temperature. 1998 , 7, 302-9	5
1492	Altered ratios of alternatively spliced long and short gamma2 subunit mRNAs of the gamma-amino butyrate type A receptor in prefrontal cortex of schizophrenics. 1998 , 95, 15066-71	117
1491	Budesonide epimer R or dexamethasone selectively inhibit platelet-activating factor-induced or interleukin 1beta-induced DNA binding activity of cis-acting transcription factors and cyclooxygenase-2 gene expression in human epidermal keratinocytes. 1998 , 95, 3914-9	66
1490	Effects of norepinephrine on expression of IGF-1/IGF-1R and SERCA2 in rat heart. 1998 , 37, 202-9	9
1489	A plasmid isolated from phytopathogenic onion yellows phytoplasma and its heterogeneity in the pathogenic phytoplasma mutant. 1998 , 11, 1031-7	34
1488	Innervation and target tissue interactions induce Rab-GDP dissociation inhibitor (GDI) expression during peripheral synapse formation in developing chick ciliary ganglion neurons in situ. 1998 , 18, 6331-9	15
1487	Thyroid receptor plasticity in striated muscle types: effects of altered thyroid state. 1998 , 274, E1018-26	16
1486	eNOS expression is not altered in pulmonary vascular remodeling due to increased pulmonary blood flow. 1998 , 274, L1058-65	23
1485	Interaction of hyperthyroidism and hindlimb suspension on skeletal myosin heavy chain expression. 1998 , 85, 2227-36	45

1484	Quantification of prostate-specific antigen mRNA by coamplification with a recombinant RNA internal standard and microtiterwell-based hybridization. 1998 , 44, 1170-1176	17
1483	Acrolein-induced MUC5ac expression in rat airways. 1998 , 274, L573-81	38
1482	The endogenous insulin-like growth factor system in radiocontrast nephropathy. 1998 , 274, F490-7	
1481	Effects of isometric training on skeletal myosin heavy chain expression. 1998 , 84, 2036-41	27
1480	Mass isotopomer study of the nonoxidative pathways of the pentose cycle with [1,2-13C2]glucose. 1998 , 274, E843-51	105
1479	Introduction of a norA promoter region mutation into the chromosome of a fluoroquinolone-susceptible strain of <i>Staphylococcus aureus</i> using plasmid integration. 1999 , 43, 2222-4	26
1478	Regulation of human airway mucins by acrolein and inflammatory mediators. 1999 , 276, L549-55	56
1477	Chronic exercise increases macrophage-mediated tumor cytolysis in young and old mice. 1999 , 276, R482-9	26
1476	Monocyte inflammation augments acrolein-induced Muc5ac expression in mouse lung. 1999 , 277, L489-97	43
1475	Osteoblast fibronectin mRNA, protein synthesis, and matrix are unchanged after exposure to microgravity. 1999 , 13 Suppl, S121-7	27
1474	Polyamine-fas interactions: inhibition of polyamine biosynthesis in MRL-lpr/lpr mice is associated with the up-regulation of fas mRNA in thymocytes. 1999 , 29, 299-309	7
1473	Asbestos upregulates expression of the urokinase-type plasminogen activator receptor on mesothelial cells. 1999 , 21, 637-46	20
1472	Subunit expression of the cardiac L-type calcium channel is differentially regulated in diastolic heart failure of the cardiac allograft. 1999 , 100, 155-63	52
1471	Gender-specific exacerbation of murine lupus by gonadotropin-releasing hormone: potential role of G alpha(q/11). 1999 , 140, 3429-37	22
1470	Insulin-like growth factor (IGF)-I, IGF-I receptor, and IGF binding protein-3 messenger ribonucleic acids and protein in corpora lutea from prostaglandin F(2alpha)-treated gilts. 1999 , 61, 1527-34	16
1469	<i>Oryza sativa</i> PSK gene encodes a precursor of phytosulfokine-alpha, a sulfated peptide growth factor found in plants. 1999 , 96, 13560-5	111
1468	Imprinting by neonatal sex steroids on the structure and function of the mature mouse prostate. 1999 , 61, 200-8	29
1467	Amphibian Melanophore Technology as a Functional Screen for Antagonists of G-Protein Coupled 7-Transmembrane Receptors. 1999 , 4, 269-278	8

1466	Transcriptional activation of the human manganese superoxide dismutase gene mediated by tetradecanoylphorbol acetate. 1999 , 274, 37455-60	74
1465	17 beta-estradiol reduces glycoxidative damage in the artery wall. 1999 , 19, 840-6	17
1464	The interleukin-1 type 2 receptor gene displays immediate early gene responsiveness in glucocorticoid-stimulated human epidermal keratinocytes. 1999 , 274, 8630-8	10
1463	An infection-based model of neurodevelopmental damage. 1999 , 96, 12102-7	251
1462	Characterization of functionally active subribosomal particles from <i>Thermus aquaticus</i> . 1999 , 96, 85-90	86
1461	Monocyte chemoattractant protein-1 and macrophage inflammatory protein-2 production is inhibited by taurine chloramine in rat C6 glioma cells. 1999 , 70, 9-14	10
1460	Abdominal surgery reduces the ability of rat spleen cells to synthesize and secrete active tumour necrosis factor-alpha (TNF-alpha) by a multilevel regulation. 1999 , 115, 19-25	10
1459	Detection of melanocortin-3 receptor mRNA in immature rat pituitary: functional relation to gamma3-MSH-induced changes in intracellular Ca ²⁺ concentration?. 1999 , 11, 171-9	18
1458	Altered gene expression in melanocytes exposed to 4-tertiary butyl phenol (4-TBP): upregulation of the A2b adenosine receptor 1. 1999 , 113, 725-31	22
1457	Nitric oxide induces heme oxygenase-1 gene expression in mesangial cells. 1999 , 55, 1734-9	66
1456	Significance of heterogeneous nuclear ribonucleoprotein B1 as a new early detection marker for oral squamous cell carcinoma. 1999 , 90, 1358-63	26
1455	A novel nuclear export activity in HIV-1 matrix protein required for viral replication. 1999 , 402, 681-5	111
1454	Molecular Analysis of kdr-like Resistance in a Permethrin-Resistant Strain of Colorado Potato Beetle. 1999 , 63, 63-75	58
1453	Microsatellite instability is infrequent in azoxymethane-induced rat intestinal tumors: An assessment by capillary electrophoresis. 1999 , 157, 9-15	5
1452	Vitamin D3 receptor (VDR) expression in HC-11 mammary cells: regulation by growth-modulatory agents, differentiation, and Ha-ras transformation. 1999 , 54, 123-33	38
1451	Molecular cloning and developmental expression of rat glycogenin in cardiac tissue. 1999 , 194, 117-23	4
1450	Deep zone articular chondrocytes in vitro express genes that show specific changes with mineralization. 1999 , 14, 1916-25	27
1449	Increased interleukin-6 expression by microglia from brain of aged mice. 1999 , 93, 139-48	258

1448	Intracellular CXCR4 signaling, neuronal apoptosis and neuropathogenic mechanisms of HIV-1-associated dementia. 1999 , 98, 185-200	275
1447	p53 mutations in tumors derived from irradiated human thyroid epithelial cells. 1999 , 425, 231-8	11
1446	Targeted transfection of the IL-3 gene into primary human hematopoietic progenitor cells through the c-kit receptor. 1999 , 27, 250-8	7
1445	Optimized lymphocyte protein extraction performed simultaneously with DNA and RNA isolation: application to the study of factors affecting DNA, RNA, and protein recovery from lymphocytes of the oldest individuals. 1999 , 275, 192-201	13
1444	Genetic characterization of the hemagglutinin of two strains of influenza B virus co-circulated in Taiwan. 1999 , 59, 208-14	3
1443	Nerve growth factor and proprotein convertases furin and PC7 in transected sciatic nerves and in nerve segments cultured in conditioned media: their presence in Schwann cells, macrophages, and smooth muscle cells. 1999 , 403, 471-85	39
1442	Effect of trichloroethylene on DNA methylation and expression of early-intermediate protooncogenes in the liver of B6C3F1 mice. 1999 , 13, 231-7	38
1441	Inhibierung der Angiogenese in vivo durch ets-1-Antisense-Oligonucleotide [Hemmung der Expression des Ets-1-Transkriptionsfaktors durch das Antibiotikum Fumagillin. 1999 , 111, 3432-3435	6
1440	Is gut the major source of proinflammatory cytokine release during polymicrobial sepsis?. 1999 , 1454, 289-95	22
1439	D2 dopamine receptor but not AMPA and kainate glutamate receptor genes show altered expression in response to long term treatment with trans- and cis-flupenthixol in the rat brain. 1999 , 68, 14-21	4
1438	Increased expression of plasminogen activator and plasminogen activator inhibitor during liver fibrogenesis of rats: role of stellate cells. 1999 , 31, 703-11	105
1437	MOLECULAR DETECTION OF PROSTATE CELLS IN EJACULATE AND URETHRAL WASHINGS IN MEN WITH SUSPECTED PROSTATE CANCER. 1999 , 161, 1337-1343	23
1436	Up-regulation of low density lipoprotein receptor by a novel isobenzofranone derivative, MD-700. 1999 , 146, 281-90	9
1435	Transforming growth factor-beta1 fails to stimulate wound healing and impairs its signal transduction in an aged ischemic ulcer model: importance of oxygen and age. 1999 , 154, 301-9	95
1434	Colocalization within the nucleolus of two highly related IFN-induced human nuclear phosphoproteins with nucleolin. 1999 , 250, 62-74	5
1433	A 1.4-Mb high-resolution physical map and contig of chromosome segment 11p15.5 and genes in the LOH11A metastasis suppressor region. 1999 , 55, 164-75	28
1432	The promoter of the Poly(A) binding protein 2 (Pabp2) retroposon is derived from the 5'-untranslated region of the Pabp1 progenitor gene. 1999 , 61, 194-200	9
1431	Developmental regulation of the translational repressor NAT1 during cardiac development. 1999 , 31, 1717-24	6

1430	Characterization of a novel member of the FGF family, XFGF-20, in <i>Xenopus laevis</i> . 1999 , 261, 756-65	28
1429	Ectopic <i>Msx2</i> overexpression inhibits and <i>Msx2</i> antisense stimulates calvarial osteoblast differentiation. 1999 , 209, 298-307	100
1428	Studying the telomerase RNA in <i>Tetrahymena</i> . 2000 , 62, 417-32	4
1427	Reporter gene imaging: effects of ganciclovir treatment on nucleoside uptake, hypoxia and perfusion in a murine gene therapy tumour model that expresses herpes simplex type-1 thymidine kinase. 2000 , 21, 129-37	13
1426	Identification and cloning of a human urea transporter HUT11, which is downregulated during adipogenesis of explant cultures of human bone. 2000 , 76, 639-650	13
1425	Occult hepatitis B virus infection in HBs antigen-negative hepatocellular carcinoma in a Japanese population: involvement of HBx and p53. 2000 , 62, 151-8	55
1424	Sex differentiation and mRNA expression of P450c17, P450arom and AMH in gonads of the chicken. 2000 , 55, 20-30	65
1423	Molecular and immunohistochemical staging of men with seminal vesicle invasion and negative pelvic lymph nodes at radical prostatectomy. 2000 , 89, 2577-2586	31
1422	Fibroblast growth factor-9 modulates the expression of myelin related proteins and multiple fibroblast growth factor receptors in developing oligodendrocytes. 2000 , 61, 273-87	45
1421	Use of bidirectional blots in differential display analysis. 2000 , 280, 216-20	5
1420	MET oncogene aberrant expression in canine osteosarcoma. 2000 , 18, 253-6	35
1419	Cyclosporine stimulates Na ⁺ -K ⁺ -Cl ⁻ cotransport activity in cultured mouse medullary thick ascending limb cells. 2000 , 58, 1652-63	17
1418	Monocyte chemoattractant protein-1 and macrophage infiltration in hypertensive kidney injury. 2000 , 58, 2408-19	89
1417	Increased interferon-gamma (IFN-gamma), IL-10 and decreased IL-4 mRNA expression in peripheral blood mononuclear cells (PBMC) from patients with systemic lupus erythematosus (SLE). 2000 , 122, 464-70	118
1416	Interactions between hormone-mediated and vaccine-mediated immunotherapy for pulmonary tuberculosis in BALB/c mice. 2000 , 100, 391-8	27
1415	Expression of kininogens in the connective tissue-type mast cells of the rat. 2000 , 101, 531-40	4
1414	Cloning of the guanylate kinase homologues AGK-1 and AGK-2 from <i>Arabidopsis thaliana</i> and characterization of AGK-1. 2000 , 267, 606-15	13
1413	A protein kinase C-independent pathway leading to c-Jun-dependent expression of 100-kDa Ras GTPase-activating protein in JEG-3 human choriocarcinoma cells. 2000 , 267, 1589-97	2

1412	Purification, characterization and antifungal properties of a lipid-transfer protein from sunflower (<i>Helianthus annuus</i>) seeds. 2000 , 110, 158-163	55
1411	An efficient, reliable and inexpensive device for the rapid homogenization of multiple tissue samples by centrifugation. 2000 , 95, 123-5	5
1410	No contractile effect for 5-HT1D and 5-HT1F receptor agonists in human and bovine cerebral arteries: similarity with human coronary artery. 2000 , 129, 501-8	75
1409	Insulin receptor and insulin receptor substrate-I in rat retinae. 2000 , 28, 212-5	19
1408	Competitive reverse transcription-polymerase chain reaction assay for quantification of human multidrug resistance 1 (MDR1) gene expression in fresh leukemic cells. 2000 , 135, 199-209	8
1407	Lithium treatment in ovo: effects on embryonic heart rate, natural death of ciliary ganglion neurons, and brain expression of a highly conserved chicken homolog of human MTG8/ETO. 2000 , 123, 13-24	11
1406	Tumor cell splice variants of the transcription factor TEF-1 induced by SV40 T-antigen transformation. 2000 , 1517, 82-90	15
1405	Expression of receptor protein tyrosine phosphatase alpha mRNA in human prostate cancer cell lines. 2000 , 208, 11-8	3
1404	Metabolic-flux analysis of hybridoma cells under oxidative and reductive stress using mass balances. 2000 , 32, 97-107	21
1403	Identification and molecular characterization of the <i>Choristoneura fumiferana</i> multicapsid nucleopolyhedrovirus genomic region encoding the regulatory genes pkip, p47, lef-12, and gta. 2000 , 271, 109-21	13
1402	Molecular Analysis of kdr-like Resistance in Permethrin-Resistant Strains of Head Lice, <i>Pediculus capitis</i> . 2000 , 66, 130-143	135
1401	African swine fever virus EP153R open reading frame encodes a glycoprotein involved in the hemadsorption of infected cells. 2000 , 266, 340-51	49
1400	Molecular cloning and characterization of OsPSK, a gene encoding a precursor for phytosulfokine-alpha, required for rice cell proliferation. 2000 , 44, 635-47	15
1399	Myristoylated alanine-rich C kinase substrate protein and mRNA in bovine corpus luteum during the estrous cycle. 2000 , 12, 289-94	2
1398	Potential for Resource Competition between Eurasian Ruffe and Yellow Perch: Growth and RNA Responses in Laboratory Experiments. 2000 , 129, 1331-1339	14
1397	Molecular Biological Analyses and Molecular Pathology in Clinical Chemistry. 2000 ,	
1396	Role of brain-derived neurotrophic factor in the circadian regulation of the suprachiasmatic pacemaker by light. 2000 , 20, 2978-87	102
1395	Differential regulation of p27(Kip1) expression by mitogenic and hypertrophic factors: Involvement of transcriptional and posttranscriptional mechanisms. 2000 , 148, 543-56	122

1394	Upregulation of Kv1.3 K(+) channels in microglia deactivated by TGF-beta. 2000 , 279, C1123-34	53
1393	Serotonin 5-HT(7) receptors mediate relaxation of porcine pial veins. 2000 , 278, H907-12	18
1392	CFTR modulates lung secretory cell proliferation and differentiation. 2000 , 279, L333-41	49
1391	Novel expression and regulation of the renin-angiotensin system in metanephric organ culture. 2000 , 279, R522-30	14
1390	Role of denervation in modulating IIb MHC gene expression in response to T(3) plus unloading state. 2000 , 88, 682-9	27
1389	Loss of [13C]glycerol carbon via the pentose cycle. Implications for gluconeogenesis measurement by mass isotope distribution analysis. 2000 , 275, 36787-93	16
1388	Progesterone exposure prevents matrix metalloproteinase-3 (MMP-3) stimulation by interleukin-1alpha in human endometrial stromal cells. 2000 , 85, 1611-9	63
1387	Infusion of N-proopiomelanocortin-(1-77) increases adrenal weight and messenger ribonucleic acid levels of cytochrome P450 17alpha-hydroxylase in the sheep fetus during late gestation. 2000 , 141, 2153-8	20
1386	High plasma growth hormone (GH) levels inhibit expression of GH secretagogue receptor messenger ribonucleic acid levels in the rat pituitary. 2000 , 141, 2084-9	22
1385	A1 adenosine receptor activation increases adipocyte leptin secretion. 2000 , 141, 1442-5	34
1384	Reversible suppression of in vitro biomineralization by activation of protein kinase A. 2000 , 275, 11082-91	32
1383	Trout ovulatory proteins: site of synthesis, regulation, and possible biological function. 2000 , 62, 928-38	16
1382	Role of sphingosine in the tumor necrosis factor alpha stimulatory effect on lactate dehydrogenase A expression and activity in porcine Sertoli cells. 2000 , 63, 1473-81	15
1381	Connexin gene expression in seminiferous tubules of the Sprague-Dawley rat. 2000 , 62, 748-54	66
1380	Purification and characterization of Sa-lrp, a DNA-binding protein from the extreme thermoacidophilic archaeon Sulfolobus acidocaldarius homologous to the bacterial global transcriptional regulator Lrp. 2000 , 182, 3661-72	54
1379	Developmental expression of thyroid hormone receptors in the rat testis. 2000 , 62, 664-9	118
1378	A tumor necrosis factor decoy receptor homologue is up-regulated in the brook trout (<i>Salvelinus fontinalis</i>) ovary at the completion of ovulation. 2000 , 62, 420-6	43
1377	Cytochrome P4502E (CYP2E) in brain: constitutive expression, induction by ethanol and localization by fluorescence in situ hybridization. 2000 , 373, 23-34	106

1376	Effects of shear stress on eicosanoid gene expression and metabolite production in vascular endothelium as studied in a novel biomechanical perfusion model. 2000 , 269, 257-64	53
1375	Surfactant protein A exhibits inhibitory effect on eosinophils IL-8 production. 2000 , 270, 831-5	22
1374	Restructured transactivation domain in hamster AH receptor. 2000 , 273, 272-81	33
1373	Involvement of the glucose-regulated protein 94 (Dd-GRP94) in starvation response of Dictyostelium discoideum cells. 2000 , 274, 323-31	17
1372	A novel member of the tob family of proteins controls sexual fate in Caenorhabditis elegans germ cells. 2000 , 217, 77-90	64
1371	Radial transformation-associated recombination cloning from the mouse genome: isolation of Tg.AC transgene with flanking DNAs. 2000 , 70, 292-9	16
1370	Transcriptional regulation of L-type calcium channel expression in cardiac myocytes. 2000 , 32, 1841-9	30
1369	Gap junctions and the regulation of cellular functions of stem cells during development and differentiation. 2000 , 20, 245-64	126
1368	Liver damage using suicide genes. A model for oval cell activation. 2000 , 157, 549-59	31
1367	A S100 homologue mRNA isolated by differential display PCR is down-regulated in the brook trout (Salvelinus fontinalis) post-ovulatory ovary. 2000 , 257, 187-94	16
1366	Somatostatin receptor gene expression in neuroblastoma. 2000 , 88, 61-73	61
1365	Stimulation of astrocyte-enriched culture with arachidonic acid increases proenkephalin mRNA: involvement of proto-oncoprotein and mitogen activated protein kinases. 2000 , 76, 396-406	5
1364	Human brain thioltransferase: constitutive expression and localization by fluorescence in situ hybridization. 2000 , 85, 123-32	13
1363	The differential molecular mechanisms underlying proenkephalin mRNA expression induced by forskolin and phorbol-12-myristic-13-acetate in primary cultured astrocytes. 2000 , 84, 41-51	4
1362	Immunosuppressive therapy using FTY720 combined with tacrolimus in rat liver transplantation. 2000 , 127, 47-54	36
1361	Effects of orbital spaceflight on human osteoblastic cell physiology and gene expression. 2000 , 26, 325-31	41
1360	NADPH- and hydroperoxide-supported 17beta-estradiol hydroxylation catalyzed by a variant form (432L, 453S) of human cytochrome P450 1B1. 2000 , 74, 11-8	20
1359	Steady state expression of cell-cycle regulatory genes in prostate carcinoma cell lines. 2000 , 5, 71-7	4

1358	Blood oxygen transport, rheology and haematological responses to confinement stress in diploid and triploid Atlantic salmon, <i>Salmo salar</i> . 2000 , 184, 349-361	54
1357	TNF-alpha induction by LPS is regulated posttranscriptionally via a Tpl2/ERK-dependent pathway. 2000 , 103, 1071-83	682
1356	Relative quantitation of mRNA in beta-thalassemia/Hb E using real-time polymerase chain reaction. 2000 , 24, 105-16	13
1355	Production of Recombinant Antibody Against Potato Virus Y by using Phage Display Technology. 2000 , 14, 18-24	
1354	In vitro cellular tropism of human T cell leukemia virus type 2. 2000 , 16, 1661-8	24
1353	Human immunodeficiency virus type 1 spinoculation enhances infection through virus binding. 2000 , 74, 10074-80	558
1352	Neutrophil chemoattractant 2 beta regulates expression of the Reg gene in injured gastric mucosa in rats. 2000 , 119, 1610-22	57
1351	DNA Extraction Methods in Forensic Analysis. 2000 ,	2
1350	Aortic endothelial cell von Willebrand factor content, and circulating plasminogen activator inhibitor-1 are increased, but expression of endothelial leukocyte adhesion molecules is unchanged in insulin-dependent diabetic BB rats. 2000 , 149, 331-42	4
1349	General Aspects of DNA Isolation and Purification. 2000 , 1-32	1
1348	Isolation and Purification of RNA. 2000 , 119-144	2
1347	Cold-induced proteins in cold-active isolates of the insectpathogenic fungus <i>Metarhizium anisopliae</i> . 2001 , 105, 868-873	11
1346	Two isoforms of trimming glucosidase II exist in mammalian tissues and cell lines but not in yeast and insect cells. 2001 , 280, 363-7	16
1345	Expression of the melanocortin 5 receptor on rat lymphocytes. 2001 , 281, 1086-92	19
1344	The AH receptor of the most dioxin-sensitive species, guinea pig, is highly homologous to the human AH receptor. 2001 , 285, 1121-9	39
1343	CpG island of rat sphingosine kinase-1 gene: tissue-dependent DNA methylation status and multiple alternative first exons. 2001 , 76, 117-25	100
1342	Humoral hypercalcemia of malignancy: severe combined immunodeficient/beige mouse model of adult T-cell lymphoma independent of human T-cell lymphotropic virus type-1 tax expression. 2001 , 158, 2219-28	50
1341	Organization of the NKEF gene and its expression in the common carp (<i>Cyprinus carpio</i>). 2001 , 25, 597-606	35

1340	Synthetic low-calcaemic vitamin D(3) analogues inhibit secretion of insulin-like growth factor II and stimulate production of insulin-like growth factor-binding protein-6 in conjunction with growth suppression of HT-29 colon cancer cells. 2001 , 183, 141-9	38
1339	Growth inhibitory effect of p21 and p53 containing adenoviruses on transitional cell carcinoma cell lines in vitro and in vivo. 2001 , 6, 155-162	5
1338	A novel osteopontin-like protein is expressed in the trout ovary during ovulation. 2001 , 489, 119-24	19
1337	Inflammatory bowel disease is associated with changes of enterocytic junctions. 2001 , 281, G216-28	264
1336	Endothelin-1 decreases glutamate uptake in primary cultured rat astrocytes. 2001 , 281, C1495-503	38
1335	Myocardial creatine kinase kinetics and isoform expression in hearts with severe LV hypertrophy. 2001 , 281, H376-86	28
1334	Time course changes in IGFBP-1 after treadmill exercise and postexercise food intake in rats. 2001 , 280, E650-6	21
1333	Deficiency of dietary EAA preferentially inhibits mRNA translation of ribosomal proteins in liver of meal-fed rats. 2001 , 281, E430-9	72
1332	Expression of carbonic anhydrase IV in mouse placenta. 2001 , 280, R365-75	4
1331	Inducible nitric oxide synthase and glomerular hemodynamics in rats with liver cirrhosis. 2001 , 281, F293-9	15
1330	Molecular detection of respiratory syncytial virus in postmortem lung tissue samples from Mexican children deceased with pneumonia. 2001 , 20, 495-501	26
1329	RNA: Methods for Preparation. 2001 ,	
1328	Single-Step Method of Total RNA Isolation by Guanidine Phenol Extraction. 1-6	2
1327	Oral administration of leucine stimulates ribosomal protein mRNA translation but not global rates of protein synthesis in the liver of rats. 2001 , 131, 1171-6	100
1326	Characterization and localization of cytochrome P450 mediated metabolism of MPTP to nor-MPTP in mouse brain: relevance to Parkinson's disease. 2001 , 3, 369-80	7
1325	Selective inhibition of beta(2)-adrenergic receptor-mediated cAMP generation by activation of the P2Y(2) receptor in mouse pineal gland tumor cells. 2001 , 77, 1475-85	17
1324	Evidence for a PTH-independent humoral mechanism in post-transplant hypophosphatemia and phosphaturia. 2001 , 60, 1182-96	66
1323	Local expression of enzymatically active class I beta-1, 3-glucanase enhances symptoms of TMV infection in tobacco. 2001 , 28, 361-9	125

1322	Treatment with BB-94, a broad spectrum inhibitor of zinc-dependent metalloproteinases, causes deviation of the cytokine profile towards type-2 in experimental pulmonary tuberculosis in Balb/c mice. 2000 , 81, 199-209	27
1321	Dirigent proteins and dirigent sites in lignifying tissues. 2001 , 57, 883-97	142
1320	'VIT1', a novel gene associated with vitiligo. 2001 , 14, 475-84	54
1319	Distribution in ocular structures and optic pathways of immunocompetent and glial cells in an experimental allergic encephalomyelitis (EAE) relapsing model. 2001 , 63, 525-35	8
1318	Differential DM20 mRNA expression distinguishes two distinct patterns of spontaneous recovery from murine autoimmune encephalomyelitis. 2001 , 64, 542-51	10
1317	Cysteine protease inhibitor is specifically expressed in pre- and early-vitellogenic oocytes from the brook trout periovulatory ovary. 2001 , 60, 312-8	9
1316	Involvement of transcription factor HNF3gamma in the effect of o-aminoazotoluene on glucocorticoid induction of tyrosine aminotransferase in mice sensitive to its hepatocarcinogenic action. 2001 , 31, 10-5	14
1315	Treatment with 1,25-dihydroxyvitamin D3 reduces impairment of human osteoblast functions during cellular aging in culture. 2001 , 186, 298-306	33
1314	Involvement of Smads in TGFbeta1-induced furin (fur) transcription. 2001 , 188, 264-73	42
1313	Interleukin (IL)-4/IL-9 and exogenous IL-16 induce IL-16 production by BEAS-2B cells, a bronchial epithelial cell line. 2001 , 207, 75-80	10
1312	Involvement of cyclooxygenase-2 in the potentiation of allyl alcohol-induced liver injury by bacterial lipopolysaccharide. 2001 , 174, 113-21	37
1311	Gene expression analyzed by microarrays in HSV-1 latent mouse trigeminal ganglion following heat stress. 2001 , 23, 273-80	40
1310	Interleukin-2-dependent but not independent T-cell lines infected with human T-cell leukemia virus type 1 selectively express CD45RO, a marker for persistent infection in vivo. 2001 , 23, 263-71	5
1309	Metastatic MHC class I-negative mouse cells derived by transformation with human papillomavirus type 16. 2001 , 84, 374-80	10
1308	Preservation of RNA for functional genomic studies: a multidisciplinary tumor bank protocol. 2001 , 14, 116-28	171
1307	Pharmacological characterization of adenosine receptors in PGT-beta mouse pineal gland tumour cells. 2001 , 134, 132-42	44
1306	MDR1 expression in poor-risk acute myeloid leukemia with partial or complete monosomy 7. 2001 , 15, 398-405	12
1305	Metallothionein III is reduced in Alzheimer's disease. 2001 , 894, 37-45	152

1304	Glomerular osteopontin expression and macrophage infiltration in glomerulosclerosis of DOCA-salt rats. 2001 , 38, 153-64	59
1303	The distribution of PIG-A gene abnormalities in paroxysmal nocturnal hemoglobinuria granulocytes and cultured erythroblasts. 2001 , 29, 391-400	10
1302	Apoptosis in v-myc-transfected MSU-1.1 fibroblasts is induced by cell-matrix contact and differs from that of normal dermal fibroblasts. 2001 , 37, 606-12	
1301	Alternative splicing in intracellular loop connecting domains II and III of the alpha 1 subunit of Cav1.2 Ca ²⁺ channels predicts two-domain polypeptides with unique C-terminal tails. 2001 , 276, 1398-406	27
1300	Effect of aging and obesity on insulin responsiveness and glut-4 glucose transporter content in skeletal muscle of Fischer 344 x Brown Norway rats. 2001 , 56, B486-92	18
1299	Epididymal specificity and androgen regulation of rat EP2. 2001 , 65, 575-80	21
1298	Degradation of p21 ^{cip1} in cells productively infected with human cytomegalovirus. 2001 , 75, 3613-25	71
1297	cDNA microarray reveals altered cytoskeletal gene expression in space-flown leukemic T lymphocytes (Jurkat). 2001 , 15, 1783-5	91
1296	Molecular cloning of chicken vasoactive intestinal polypeptide receptor complementary DNA, tissue distribution and chromosomal localization. 2001 , 64, 1575-81	34
1295	An ovarian progastriecin is present in the trout coelomic fluid after ovulation. 2001 , 64, 1048-55	20
1294	Celecoxib loses its anti-inflammatory efficacy at high doses through activation of NF-kappaB. 2001 , 15, 1622-4	138
1293	Developmental expression of PEPT1 and PEPT2 in rat small intestine, colon, and kidney. 2001 , 49, 789-95	97
1292	G(alpha)11 signaling through ARF6 regulates F-actin mobilization and GLUT4 glucose transporter translocation to the plasma membrane. 2001 , 21, 5262-75	57
1291	A549 cells can express interleukin-16 and stimulate eosinophil chemotaxis. 2001 , 25, 212-8	14
1290	Vitamin E succinate inhibits the function of androgen receptor and the expression of prostate-specific antigen in prostate cancer cells. 2002 , 99, 7408-13	127
1289	KIAA1096, a gene on chromosome 1q, is amplified and overexpressed in bladder cancer. 2002 , 21, 707-15	13
1288	The immunosuppressant rapamycin represses human immunodeficiency virus type 1 replication. 2002 , 46, 3447-55	69
1287	Elastase-released epidermal growth factor recruits epidermal growth factor receptor and extracellular signal-regulated kinases to down-regulate tropoelastin mRNA in lung fibroblasts. 2002 , 277, 18938-46	40

1286	High efficiency genetic modification of hair follicles and growing hair shafts. 2002 , 99, 13120-4	23
1285	Evidence for a direct interaction between the tumor suppressor serpin, maspin, and types I and III collagen. 2002 , 277, 10783-8	81
1284	Expression of tumor necrosis factor-alpha-related apoptosis-inducing ligand and its receptors in rat testis during development. 2002 , 66, 1707-15	40
1283	2 Dissecting host-pathogen molecular interactions with microarrays. 2002 , 31, 19-35	1
1282	Characterization and expression of steroidogenic acute regulatory protein and MLN64 cDNAs in trout. 2002 , 143, 2062-70	86
1281	Differential metabolism of alprazolam by liver and brain cytochrome (P4503A) to pharmacologically active metabolite. 2002 , 2, 243-58	34
1280	Biosynthesis of UDP-xylose. Cloning and characterization of a novel Arabidopsis gene family, UXS, encoding soluble and putative membrane-bound UDP-glucuronic acid decarboxylase isoforms. 2002 , 130, 2188-98	141
1279	Interferon-beta-1b and interferon-gamma have similar inhibitory effects on apolipoprotein-E production in the monocyte/macrophage. 2002 , 8, 124-9	3
1278	Detection of cytokeratins in normal and malignant laryngeal epithelia by means of reverse transcriptase-polymerase chain reaction. 2002 , 111, 149-54	15
1277	Genes of de novo pyrimidine biosynthesis from the hyperthermoacidophilic crenarchaeote Sulfolobus acidocaldarius: novel organization in a bipolar operon. 2002 , 184, 4430-41	14
1276	Induction of multidrug resistance-1 and cytochrome P450 mRNAs in human mononuclear cells by rifampin. 2002 , 30, 20-6	52
1275	Trans-10,cis-12-conjugated linoleic acid inhibits Caco-2 colon cancer cell growth. 2002 , 283, G357-67	76
1274	The class II transactivator requires brahma-related gene 1 to activate transcription of major histocompatibility complex class II genes. 2002 , 22, 5019-26	45
1273	Upregulation of thymosin beta-10 by Mycobacterium bovis infection of bovine macrophages is associated with apoptosis. 2002 , 70, 2121-7	27
1272	Nerve growth factor increases sodium channel expression in pancreatic beta cells: implications for insulin secretion. 2002 , 16, 891-2	31
1271	Furin gene (fur) regulation in differentiating human megakaryoblastic Dami cells: involvement of the proximal GATA recognition motif in the P1 promoter and impact on the maturation of furin substrates. 2002 , 100, 3578-87	19
1270	Identification and characterization of the gene encoding the human phosphopantetheine adenylyltransferase and dephospho-CoA kinase bifunctional enzyme (CoA synthase). 2002 , 365, 13-8	45
1269	Chapter I Methods used in inducible transcription factor studies: focus on mRNA. 2002 , 19, 1-38	4

1268	Cytokine regulation of gingival fibroblast lysyl oxidase, collagen, and elastin. 2002 , 73, 145-52	36
1267	Effect of transforming growth factor-alpha on intestinal adaptation in a rat model of short bowel syndrome. 2002 , 108, 235-42	31
1266	Toxicological consequences of differential regulation of cytochrome p450 isoforms in rat brain regions by phenobarbital. 2002 , 399, 56-65	26
1265	Ceruloplasmin carries the anionic glycan oligo/poly alpha2,8 deaminoneuraminic acid. 2002 , 295, 597-602	8
1264	Retinal ganglion cell differentiation in cultured mouse retinal explants. 2002 , 28, 448-56	36
1263	Identification, characterization of levoglucosan kinase, and cloning and expression of levoglucosan kinase cDNA from <i>Aspergillus niger</i> CBX-209 in <i>Escherichia coli</i> . 2002 , 26, 71-81	46
1262	Flt3 ligand augmentation of T cell mitogenesis and expansion of type 1 effector/memory T cells. 2002 , 2, 925-40	8
1261	Identification and molecular characterization of the baculovirus CfMNPV early genes: ie-1, ie-2 and pe38. 2002 , 83, 13-30	6
1260	Constitutive expression and localization of the major drug metabolizing enzyme, cytochrome P4502D in human brain. 2002 , 103, 49-61	60
1259	Diversity of complement factor B/C2 in the common carp (<i>Cyprinus carpio</i>): three isotypes of B/C2-A expressed in different tissues. 2002 , 26, 533-41	42
1258	Localization of calcitonin gene-related peptide receptors in rat gastric mucosa. 2002 , 23, 955-66	24
1257	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. 2002 , 114, 165-71	12
1256	Morphological sex reversal upon short-term exposure to endocrine modulators in juvenile fathead minnow (<i>Pimephales promelas</i>). 2002 , 131, 51-63	72
1255	Thioltransferase (glutaredoxin) mediates recovery of motor neurons from excitotoxic mitochondrial injury. 2002 , 22, 8402-10	32
1254	Cis-acting elements, CARG-, E-, CCAAT- and TATA-boxes may be involved in sexually regulated gene transcription in <i>Schistosoma mansoni</i> . 2002 , 97 Suppl 1, 85-90	2
1253	Hypoxia differentially regulates nutrient transport in rat jejunum regardless of luminal nutrient present. 2002 , 283, G1336-42	18
1252	Localization of Reg receptor in rat fundic mucosa. 2002 , 139, 101-8	27
1251	Repeated imipramine and electroconvulsive shock increase alpha 1A-adrenoceptor mRNA level in rat prefrontal cortex. 2002 , 444, 151-9	25

1250	Developmentally regulated expression and localization of dystrophin and utrophin in the human fetal brain. 2002 , 123, 455-62	17
1249	Expression of alpha(2)-adrenergic receptor subtypes in prenatal rat spinal cord. 2002 , 133, 93-104	12
1248	A method for the extraction of high-quality RNA and protein from single small samples of arteries and veins preserved in RNAlater. 2002 , 47, 87-92	45
1247	Biological dosimetry of magnetic resonance imaging. 2002 , 15, 584-90	12
1246	Basic fibroblast growth factor decreases elastin gene transcription in aortic smooth muscle cells. 2002 , 85, 592-600	21
1245	Inhibition of Caco-2 cell proliferation by all-trans retinoic acid: role of insulin-like growth factor binding protein-6. 2002 , 190, 92-100	40
1244	Synergistic effects of 1,25-Dihydroxyvitamin D3 and TGF-beta1 on the production of insulin-like growth factor binding protein 3 in human bone marrow stromal cell cultures. 2002 , 110, 410-4	9
1243	The role of prostaglandin E2 in the immunopathogenesis of experimental pulmonary tuberculosis. 2002 , 106, 257-66	101
1242	Glucosamine:fructose-6-phosphate aminotransferase: gene characterization, chitin biosynthesis and peritrophic matrix formation in <i>Aedes aegypti</i> . 2002 , 11, 207-16	43
1241	High resolution contact probing of the Lrp-like DNA-binding protein Ss-Lrp from the hyperthermoacidophilic crenarchaeote <i>Sulfolobus solfataricus</i> P2. 2002 , 45, 1541-55	24
1240	Characterisation of silent and active genes for a variable large protein of <i>Borrelia recurrentis</i> . 2002 , 2, 25	9
1239	Multiple forms of U2 snRNA coexist in the silk moth <i>Bombyx mori</i> . 2002 , 11, 105-14	14
1238	Potential role of endothelin 1 in ischaemia-induced angiogenesis in critical leg ischaemia. 2002 , 89, 741-7	12
1237	Immunological and pathological comparative analysis between experimental latent tuberculous infection and progressive pulmonary tuberculosis. 2002 , 128, 229-37	63
1236	Differential regulation of atrial and brain natriuretic peptides and its implications for the management of left ventricular volume overload. 2002 , 32, 563-9	17
1235	Nitric oxide synthesis and nitric oxide synthase expression in the kidney of rats treated by FK506. 2002 , 7, 23-28	
1234	Localization of peripheral dopamine D1 and D2 receptors in rat corpus cavernosum. 2002 , 90, 105-12	16
1233	Characterization of lymphocyte beta 2-adrenoceptor signalling in patients with left ventricular volume overload disease. 2002 , 29, 181-8	36

1232	Decreased production of insulin-like growth factor-binding protein (IGFBP)-6 by transfection of colon cancer cells with an antisense IGFBP-6 cDNA construct leads to stimulation of cell proliferation. 2002 , 17, 563-70	15
1231	Quantitative reverse transcription-polymerase chain reaction of GABA(A) alpha1, beta1 and gamma2S subunits in epileptic rats following photothrombotic infarction of neocortex. 2002 , 52, 85-95	17
1230	Sulphur amino acid synthesis in <i>Schizosaccharomyces pombe</i> represents a specific variant of sulphur metabolism in fungi. 2002 , 19, 29-35	35
1229	Cytosine deaminase and thymidine kinase gene therapy in a Dunning rat prostate tumour model: absence of bystander effects and characterisation of 5-fluorocytosine metabolism with ¹⁹ F-NMR spectroscopy. 2002 , 9, 1564-75	20
1228	Gonadotropin stimulation of MLS human epithelial ovarian carcinoma cells augments cell adhesion mediated by CD44 and by alpha(v)-integrin. 2002 , 84, 296-302	34
1227	Sandostatin impairs postresection intestinal adaptation in a rat model of short bowel syndrome. 2002 , 47, 2095-102	29
1226	Species variations in cDNA sequence and exon splicing patterns in the extensible I-band region of cardiac titin: relation to passive tension. 2002 , 23, 473-82	27
1225	Transgenic expression of the Arabidopsis DELLA proteins GAI and gai confers altered gibberellin response in tobacco. 2003 , 12, 707-14	29
1224	Rainbow trout follicular maturational competence acquisition is associated with an increased expression of follicle stimulating hormone receptor and insulin-like growth factor 2 messenger RNAs. 2003 , 66, 46-53	60
1223	Molecular cloning of insulin-like growth factor-I complimentary DNA and promoter region in the domestic duck (<i>Anas platyrhynchos</i>)*. 2003 , 74, 277-282	2
1222	Effects of enteral arginine supplementation on the structural intestinal adaptation in a rat model of short bowel syndrome. 2003 , 48, 1346-51	12
1221	Restriction accessibility in isolated nuclei reveals light-induced chromatin reorganization at the PEPC promoter in maize. 2003 , 52, 669-78	6
1220	Exploiting a minimal system to study the epigenetic control of DNA replication: the interplay between transcription and replication. 2003 , 11, 413-21	61
1219	MHC class II-expressing hepatocytes function as antigen-presenting cells and activate specific CD4 T lymphocytes. 2003 , 37, 1079-85	103
1218	Production of TARC and MDC by naive T cells in asthmatic patients. 2003 , 23, 34-45	34
1217	Quantification of photosynthetic gene expression in maize C(3) and C(4) tissues by real-time PCR. 2003 , 75, 183-92	20
1216	Expression of the translational repressor NAT1 in experimental models of cardiac hypertrophy. 2003 , 245, 183-90	8
1215	Large-scale sequencing analysis of the full-length cDNA library of human hepatocellular carcinoma. 2003 , 10, 636-643	4

1214	Semiquantitative mRNA measurements of osteoinductive growth factors in human iliac-crest bone: expression of LMP splice variants in human bone. 2003 , 73, 446-54	20
1213	Molecular cloning of the complement regulatory factor I isotypes from the common carp (<i>Cyprinus carpio</i>). 2003 , 54, 801-6	31
1212	The complement component C5 of the common carp (<i>Cyprinus carpio</i>): cDNA cloning of two distinct isotypes that differ in a functional site. 2003 , 54, 807-15	44
1211	Transcriptional pattern of a novel gene, expressed specifically after the point-of-no-return during sexualization, in planaria. 2003 , 212, 585-92	22
1210	Differential gene expression in the periprosthetic membrane: lubricin as a new possible pathogenetic factor in prosthesis loosening. 2003 , 443, 57-66	22
1209	BMP2 initiates chondrogenic lineage development of adult human mesenchymal stem cells in high-density culture. 2003 , 71, 567-77	178
1208	Expression profiling of blood samples from an SU5416 Phase III metastatic colorectal cancer clinical trial: a novel strategy for biomarker identification. 2003 , 3, 3	73
1207	Cytokinin-induced differentiation of human myeloid leukemia HL-60 cells is associated with the formation of nucleotides, but not with incorporation into DNA or RNA. 2003 , 1643, 11-24	33
1206	Immunoblot analysis and immunohistochemical characterization of CYP2A expression in human olfactory mucosa. 2003 , 66, 1245-51	37
1205	Modulation of TNF-alpha expression in bone marrow macrophages: involvement of vitamin D response element. 2003 , 88, 986-98	44
1204	T-box gene products are required for mesenchymal induction of epithelial branching in the embryonic mouse lung. 2003 , 226, 82-90	59
1203	Expression of CD137 and its ligand in human neurons, astrocytes, and microglia: modulation by FGF-2. 2003 , 74, 67-73	29
1202	Insulin-like growth factor-I increases astrocyte intercellular gap junctional communication and connexin43 expression in vitro. 2003 , 74, 12-22	42
1201	A method for simultaneous RNA and DNA isolation from dried blood and semen stains. 2003 , 136, 76-8	57
1200	Cytomegalovirus and Epstein-Barr virus DNA transcription in endodontic symptomatic lesions. 2003 , 18, 104-8	64
1199	beta-Microseminoprotein-related molecules may participate in formation of the mesoderm in the chick embryo. 2003 , 45, 309-19	4
1198	The <i>Aspergillus nidulans</i> metR gene encodes a bZIP protein which activates transcription of sulphur metabolism genes. 2003 , 49, 1081-94	55
1197	Palmitic and stearic fatty acids induce caspase-dependent and -independent cell death in nerve growth factor differentiated PC12 cells. 2003 , 84, 655-68	101

1196	Expression of NOS1 and soluble guanylyl cyclase by human kidney epithelial cells: morphological evidence for an autocrine/paracrine action of nitric oxide. 2003 , 64, 170-80	25
1195	Response of parathyroid glands to calcitriol in culture: Is this response mediated by the genetic polymorphisms in vitamin D receptor?. 2003 , S19-22	15
1194	Exercise-induced HSP27, HSP70 and MAPK responses in human skeletal muscle. 2003 , 178, 61-72	97
1193	A marked difference in pathogenesis and immune response induced by different Mycobacterium tuberculosis genotypes. 2003 , 133, 30-7	337
1192	TERE1, a novel gene affecting growth regulation in prostate carcinoma. 2003 , 54, 144-55	33
1191	Genetics of leptin expression in baboons. 2003 , 27, 778-83	20
1190	Analysis of DNA adducts of acetaldehyde by liquid chromatography-mass spectrometry. 2003 , 987, 341-7	27
1189	Protection against liver damage by cardiotrophin-1: a hepatocyte survival factor up-regulated in the regenerating liver in rats. 2003 , 125, 192-201	75
1188	Dystrophin antisense oligonucleotides decrease expression of nNOS in human neurons. 2003 , 118, 52-9	8
1187	Gene organization of human transporter associated with antigen processing-like (TAPL, ABCB9): analysis of alternative splicing variants and promoter activity. 2003 , 309, 815-22	19
1186	Low-fat diet impairs postresection intestinal adaptation in a rat model of short bowel syndrome. 2003 , 38, 1182-7	33
1185	A gene cluster involved in pyrimidine reductive catabolism from Brevibacillus agri NCHU1002. 2003 , 303, 848-54	14
1184	Therapeutic efficacy of an E coli strain carrying an ovalbumin allergenic peptide as a fused protein to OMPC in a murine model of allergic airway inflammation. 2003 , 21, 566-78	6
1183	Tissue-specific expression pattern of bovine prion gene: quantification using real-time RT-PCR. 2003 , 17, 5-10	54
1182	EP2 splicing variants in rhesus monkey (Macaca mulatta) epididymis. 2003 , 69, 294-300	10
1181	Pregnancy influence on the vascular interactions between nitric oxide and other endothelium-derived mediators in rat kidney. 2003 , 81, 1-8	13
1180	Integrin alpha2 and extracellular signal-regulated kinase are functionally linked in highly malignant autocrine transforming growth factor-alpha-driven colon cancer cells. 2003 , 278, 19861-9	27
1179	Opposite effects of rofecoxib on nuclear factor-kappaB and activating protein-1 activation. 2003 , 304, 1153-60	39

1178	Glutaredoxin is essential for maintenance of brain mitochondrial complex I: studies with MPTP. 2003 , 17, 717-9	69
1177	Models of anergy in the human Jurkat T cell line. 2003 , 1, 537-44	8
1176	Genomic effects of IFN-beta in multiple sclerosis patients. 2003 , 171, 2694-702	103
1175	Transcriptional organization of the <i>Pseudomonas putida</i> tol-oprL genes. 2003 , 185, 184-95	27
1174	Expression of the mouse gonadotropin-releasing hormone receptor gene in alpha T3-1 gonadotrope cells is stimulated by cyclic 3',5'-adenosine monophosphate and protein kinase A, and is modulated by Steroidogenic factor-1 and Nur77. 2003 , 144, 1958-71	30
1173	Expression cloning of receptor ligand transporters. 2003 , 364, 322-39	
1172	Divergent long-terminal-repeat retrotransposon families in the genome of <i>Paragonimus westermani</i> . 2003 , 41, 221-31	6
1171	Epidermal growth factor upregulates beta-adrenergic receptor signaling in a human salivary cell line. 2003 , 284, C1164-75	15
1170	Detection and molecular characterization of infectious laryngotracheitis virus in laying hens in Brazil. 2004 , 6, 253-256	1
1169	Expression of phospholipases A2 and C in human corneal epithelial cells. 2004 , 45, 3997-4003	14
1168	Trigeminal neuronal recording in animal models of orofacial pain. 2004 , 99, 123-37	2
1167	Immunomodulatory actions of gonadal steroids may be mediated by gonadotropin-releasing hormone. 2004 , 145, 330-6	37
1166	In vitro quantification of dexamethasone-induced surfactant protein B expression in human lung cells. 2004 , 15, 155-9	15
1165	Characterization of the interaction between P143 and LEF-3 from two different baculovirus species: <i>Choristoneura fumiferana</i> nucleopolyhedrovirus LEF-3 can complement <i>Autographa californica</i> nucleopolyhedrovirus LEF-3 in supporting DNA replication. 2004 , 78, 329-39	23
1164	Administration of human insulin-like growth factor-binding protein-1 increases circulating levels of growth hormone in mice. 2004 , 145, 4401-7	9
1163	Effect of melatonin cotreatment against kainic acid on coenzyme Q10, lipid peroxidation and Trx mRNA in rat hippocampus. 2004 , 114, 1085-97	12
1162	DeltaFosB induces osteosclerosis and decreases adipogenesis by two independent cell-autonomous mechanisms. 2004 , 24, 2820-30	63
1161	Increased adrenomedullin immunoreactivity and mRNA expression in coronary plaques obtained from patients with unstable angina. 2004 , 90, 1206-10	8

1160	Detection and differentiation of porcine circoviruses in Brazilian pigs. 2004 , 154, 728-9	6
1159	Targeted gene expression profiling in the rainbow trout (<i>Oncorhynchus mykiss</i>) ovary during maturational competence acquisition and oocyte maturation. 2004 , 71, 73-82	88
1158	Adenoviral gene delivery of elafin and secretory leukocyte protease inhibitor attenuates NF-kappa B-dependent inflammatory responses of human endothelial cells and macrophages to atherogenic stimuli. 2004 , 172, 4535-44	121
1157	A bifunctional 3,5-epimerase/4-keto reductase for nucleotide-rhamnose synthesis in <i>Arabidopsis</i> . 2004 , 134, 1337-46	56
1156	Terbinafine resistance mediated by salicylate 1-monooxygenase in <i>Aspergillus nidulans</i> . 2004 , 48, 3530-5	39
1155	Bacterial DNA evokes epithelial IL-8 production by a MAPK-dependent, NF-kappaB-independent pathway. 2003 , 17, 1319-21	92
1154	Two zebrafish eIF4E family members are differentially expressed and functionally divergent. 2004 , 279, 10532-41	38
1153	Nuclear scaffold/matrix attached region modules linked to a transcription unit are sufficient for replication and maintenance of a mammalian episome. 2004 , 101, 11322-7	132
1152	Estrogen and neuroprotection: higher constitutive expression of glutaredoxin in female mice offers protection against MPTP-mediated neurodegeneration. 2004 , 18, 1102-4	62
1151	The biosynthesis of UDP-galacturonic acid in plants. Functional cloning and characterization of <i>Arabidopsis</i> UDP-D-glucuronic acid 4-epimerase. 2004 , 136, 4256-64	58
1150	Melanoma associated antigen (MAGE)-A3 expression in Stages I and II non-small cell lung cancer: results of a multi-center study. 2004 , 25, 131-4	121
1149	Posttranscriptional regulation of the immediate-early gene EGR1 by light in the mouse retina. 2004 , 20, 3371-7	17
1148	Ubiquitin-proteasome-mediated CREB repressor degradation during induction of long-term facilitation. 2004 , 91, 210-9	55
1147	Analysis of the vitamin D system in basal cell carcinomas (BCCs). 2004 , 84, 693-702	61
1146	Mannan-binding lectin insufficiency in children with recurrent infections of the respiratory system. 2004 , 136, 304-11	121
1145	A comparative study of the effect of oxidative stress on the cytoskeleton in human cortical neurons. 2004 , 196, 29-36	44
1144	Developmental alcohol exposure disrupts circadian regulation of BDNF in the rat suprachiasmatic nucleus. 2004 , 26, 353-8	24
1143	Negative subtraction hybridization: an efficient method to isolate large numbers of condition-specific cDNAs. <i>BMC Genomics</i> , 2004 , 5, 22	4.5 14

1142	Effects of carbocisteine on altered activities of glycosidase and glycosyltransferase and expression of Muc5ac in SO ₂ -exposed rats. 2004 , 487, 7-15	20
1141	Differential functional expression of human myocardial G protein receptor kinases in left ventricular cardiac diseases. 2004 , 489, 167-77	83
1140	Combination benefit of a pyrimidylpiperazine derivative (Y-40138) and methotrexate in arthritic rats. 2004 , 497, 351-9	4
1139	Effects of lipopolysaccharide on the appearance of macrophage populations and fibrogenesis in cisplatin-induced rat renal injury. 2004 , 56, 13-24	19
1138	Cannabinoids and the human uterus during pregnancy. 2004 , 190, 2-9; discussion 3A	64
1137	The effects of dexamethasone and betamethasone on surfactant protein-B messenger RNA expression in human type II pneumocytes and human lung adenocarcinoma cells. 2004 , 190, 952-9	11
1136	Characterization of corticosteroid redosing in an in vitro cell line model. 2004 , 191, 1403-8	10
1135	Evaluation of a PCR based on primers to Nc5 gene for the detection of <i>Neospora caninum</i> in brain tissues of bovine aborted fetuses. 2004 , 28, 581-5	4
1134	Upregulation of the mitochondrial phosphate carrier during freezing in the wood frog <i>Rana sylvatica</i> : potential roles of transporters in freeze tolerance. 2004 , 36, 229-39	21
1133	[The structure and specific features of the cDNA expression of the human gene MRPL37]. 2004 , 30, 499-506	11
1132	Effect of dietary fat on early morphological intestinal adaptation in a rat with short bowel syndrome. 2004 , 20, 419-24	48
1131	The pattern of cytokine gene expression in human colorectal carcinoma. 2004 , 10, 109-16	31
1130	Elevated caspase-3 and Fas mRNA expression in jejunum of adult rats during subclinical zinc deficiency. 2004 , 18, 41-5	2
1129	Cloning and sequencing of cDNA encoding glutamine synthetase from the sea anemone <i>Aiptasia pallida</i> . 2004 , 530-531, 267-272	2
1128	Isolation and characterization of stress-responsive genes from the scleractinian coral <i>Pocillopora damicornis</i> . 2004 , 23, 485	20
1127	[Molecular characterization of tissue-engineered articular chondrocyte transplants based on resorbable polymer fleece]. 2004 , 33, 76-85	16
1126	A second outbreak of rabies in African wild dogs (<i>Lycaon pictus</i>) in Madikwe Game Reserve, South Africa, demonstrating the efficacy of vaccination against natural rabies challenge. 2004 , 7, 193-198	38
1125	Myocardial hypertrophy is not a prerequisite for changes in early gene expression in left ventricular volume overload. 2004 , 18, 39-44	7

1124	Expression of acyl-CoA synthetase 5 reflects the state of villus architecture in human small intestine. 2004 , 202, 188-96	18
1123	gene targeting of IL-3 into immature hematopoietic cells through CD117 receptor mediated antibody gene delivery. 2004 , 2, 16	6
1122	Homozygous deletions within the 11q13 cervical cancer tumor-suppressor locus in radiation-induced, neoplastically transformed human hybrid cells. 2004 , 39, 277-87	12
1121	Analysis of translocations that involve the NUP98 gene in patients with 11p15 chromosomal rearrangements. 2004 , 41, 339-52	31
1120	Expression of MOR1C-like mu-opioid receptor mRNA in rats. 2004 , 473, 213-32	8
1119	A role for lysyl oxidase regulation in the control of normal collagen deposition in differentiating osteoblast cultures. 2004 , 200, 53-62	65
1118	Hepatocyte growth factor/scatter factor stimulates migration of muscle precursors in developing mouse tongue. 2004 , 201, 236-43	18
1117	Interleukin-1 β /tumor necrosis factor- β and interleukin-12 secreted by zinc-induced murine macrophages in vivo and in vitro. 2004 , 17, 123-135	0
1116	Human and murine lymphocyte neurotrophin expression is confined to B cells. 2004 , 77, 709-17	46
1115	Acute cadmium exposure enhances AP-1 DNA binding and induces cytokines expression and heat shock protein 70 in HepG2 cells. 2004 , 197, 213-28	69
1114	Simultaneous assay of DNA and RNA targets in the whole blood using novel isolation procedure and molecular colony amplification. 2004 , 334, 376-81	17
1113	An mRNA and DNA co-isolation method for forensic casework samples. 2004 , 335, 289-98	74
1112	Perfil de la expresi3n g3nica de los macr3fagos humanos en cultivo en respuesta a atorvastatina. 2004 , 16, 175-184	0
1111	Titin isoform changes in rat myocardium during development. 2004 , 121, 1301-12	84
1110	Dihydropyrimidine dehydrogenase and thymidylate synthase polymorphisms and their association with 5-fluorouracil/leucovorin chemotherapy in colorectal cancer. 2004 , 3, 225-34	14
1109	Analysis of Maxi-K alpha subunit splice variants in human myometrium. 2004 , 2, 67	13
1108	Hyperactive spruce budworm antifreeze protein expression in transgenic Drosophila does not confer cold shock tolerance. 2004 , 49, 28-36	12
1107	Plasmodium vivax merozoite surface protein 8 cloning, expression, and characterisation. 2004 , 324, 1393-9	38

1106	Effects of altered Clock gene expression on the pacemaker properties of SCN2.2 cells and oscillatory properties of NIH/3T3 cells. 2004 , 127, 989-99	19
1105	Oxidative damage to DNA, p53 gene expression and p53 protein level in the process of aging in rat brain. 2004 , 139, 227-36	28
1104	Changes in methylation pattern of NMDA receptor NR2B gene in cortical neurons after chronic ethanol treatment in mice. 2004 , 121, 19-27	56
1103	Analysis of genes isolated from lipopolysaccharide-stimulated rainbow trout (<i>Oncorhynchus mykiss</i>) macrophages. 2004 , 41, 1199-210	89
1102	Inhibition of cytokines expression in human microglia infected by virulent and non-virulent mycobacteria. 2004 , 44, 381-92	30
1101	Altered gene expressions in rat hippocampus after kainate injection with or without melatonin pre-treatment. 2004 , 359, 65-8	11
1100	Selective changes in gene expression in cortical regions sensitive to amphetamine during the neurodegenerative process. 2004 , 25, 555-72	22
1099	Characterization of cDNAs encoding putative laccase-like multicopper oxidases and developmental expression in the tobacco hornworm, <i>Manduca sexta</i> , and the malaria mosquito, <i>Anopheles gambiae</i> . 2004 , 34, 29-41	138
1098	Inhibition of real-time RT-PCR quantification due to tissue-specific contaminants. 2004 , 18, 45-50	96
1097	Oral arginine reduces gut mucosal injury caused by lipopolysaccharide endotoxemia in rat. 2004 , 122, 256-62	40
1096	Expression of haptoglobin mRNA in the liver and oviduct during the oestrous cycle of cows (<i>Bos taurus</i>). 2004 , 84, 13-26	11
1095	Oxidative damage and altered antioxidant enzyme activities in the small intestine of streptozotocin-induced diabetic rats. 2004 , 36, 89-97	138
1094	Pioglitazone prevents hypertension and reduces oxidative stress in diet-induced obesity. 2004 , 43, 48-56	160
1093	A prostaglandin E2 receptor subtype EP4 agonist attenuates cardiovascular depression in endotoxin shock by inhibiting inflammatory cytokines and nitric oxide production. 2004 , 22, 76-81	31
1092	Isolating DNA, RNA, polysomes, and protein. 2004 , 74, 579-99	4
1091	Membrane localization of transporter associated with antigen processing (TAP)-like (ABCB9) visualized in vivo with a fluorescence protein-fusion technique. 2004 , 27, 1916-22	20
1090	Participation of aldosterone in the vascular inflammatory response of spontaneously hypertensive rats: role of the NFkappaB/IkappaB system. 2005 , 23, 1167-72	46
1089	Treatment of pea pods with Bruchin B results in up-regulation of a gene similar to MtN19. 2005 , 43, 225-31	22

1088	Fas/FasL play a central role in pancreatitis-induced hepatocyte apoptosis. 2005 , 9, 467-74; discussion 474-5	16
1087	Constitutive expression and localization of cytochrome P-450 1A1 in rat and human brain: presence of a splice variant form in human brain. 2005 , 93, 724-36	45
1086	Bacterial colonization of nasal mucosa induces expression of siderocalin, an iron-sequestering component of innate immunity. 2005 , 7, 1404-17	71
1085	Expression of acyl-CoA synthetase 5 in human endometrium and in endometrioid adenocarcinomas. 2005 , 47, 501-7	5
1084	Lipopolysaccharide-induced elevation and secretion of interleukin-1beta in the submandibular gland of male mice. 2005 , 116, 213-22	27
1083	Altered level of apurinic/aprimidinic endonuclease/redox factor-1 (APE/REF-1) mRNA in the hippocampus of ovariectomized rats treated by raloxifene against kainic acid. 2005 , 32, 611-4	10
1082	SNAMA, a novel protein with a DWNN domain and a RING finger-like motif: a possible role in apoptosis. 2005 , 1727, 169-76	12
1081	Induction of apoptosis by R-flurbiprofen in human colon carcinoma cells: involvement of p53. 2005 , 69, 831-9	24
1080	Metabolic activation of zebularine, a novel DNA methylation inhibitor, in human bladder carcinoma cells. 2005 , 70, 121-33	69
1079	In vivo and in vitro studies of fetal hemoglobin induction by hydroxyurea in beta-thalassemia/hemoglobin E patients. 2005 , 33, 1486-92	25
1078	Detecting growth under environmental extremes: Spatial and temporal patterns in nucleic acid ratios in two Antarctic bivalves. 2005 , 326, 144-156	19
1077	Growth characterization of neo porcine cartilage pellets and their use in an interactive culture model. 2005 , 13, 478-87	31
1076	Characterization of cDNA encoding a human sperm membrane protein sharing homology with Huntington protein. 2005 , 66, 117-25	2
1075	Hypoxia-activated genes from early placenta are elevated in preeclampsia, but not in Intra-Uterine Growth Retardation. <i>BMC Genomics</i> , 2005 , 6, 111	4.5 37
1074	Comparison of gene expression signatures of diamide, H2O2 and menadione exposed <i>Aspergillus nidulans</i> cultures--linking genome-wide transcriptional changes to cellular physiology. <i>BMC Genomics</i> , 2005 , 6, 182	4.5 65
1073	Cloning of duck PRL cDNA and genomic DNA. 2005 , 141, 39-47	30
1072	Molecular identification of pathogenic house dust mites using 12S rRNA sequences. 2005 , 26, 2927-34	12
1071	Alpha6 integrin subunit mediates laminin enhancement of cisplatin-induced apoptosis in testicular tumor germ cells. 2005 , 117, 68-81	9

1070	S100b counteracts effects of the neurotoxicant trimethyltin on astrocytes and microglia. 2005 , 81, 677-86	55
1069	Morphine activates Arc expression in the mouse striatum and in mouse neuroblastoma Neuro2A MOR1A cells expressing mu-opioid receptors. 2005 , 82, 563-70	18
1068	Kinetics of Bifidobacterium longum ATCC 15707 fermentations: effect of the dilution rate and carbon source. 2005 , 67, 623-30	11
1067	Effect of subcutaneous insulin on intestinal adaptation in a rat model of short bowel syndrome. 2005 , 21, 132-7	12
1066	Oral arginine improves intestinal recovery following ischemia-reperfusion injury in rat. 2005 , 21, 191-6	44
1065	Parenteral arginine impairs intestinal adaptation following massive small bowel resection in a rat model. 2005 , 21, 460-5	7
1064	Phytoestrogen-rich herb formula "XLGB" prevents OVX-induced deterioration of musculoskeletal tissues at the hip in old rats. 2005 , 23 Suppl, 55-61	59
1063	Intestinal and systemic effects of oral insulin supplementation in rats after weaning. 2005 , 50, 1239-44	16
1062	Oral insulin enhances intestinal regrowth following massive small bowel resection in rat. 2005 , 50, 2379-85	29
1061	The L-type calcium channel alpha 1C subunit gene undergoes extensive, uncoordinated alternative splicing. 2005 , 269, 153-63	8
1060	The effect of higher order RNA processes on changing patterns of protein domain selection: a developmentally regulated transcriptome of type 1 inositol 1,4,5-trisphosphate receptors. 2005 , 59, 312-31	15
1059	Rickettsial infection in animals and Brazilian spotted fever endemicity. 2005 , 11, 265-70	240
1058	Expression of matrix metalloproteinase-3 in mouse endometrial stromal cells during early pregnancy: regulation by interleukin-1alpha and tenascin-C. 2005 , 21, 111-8	16
1057	Cisplatin-induced renal interstitial fibrosis in neonatal rats, developing as solitary nephron unit lesions. 2005 , 33, 207-17	24
1056	Eplerenone reduces oxidative stress and enhances eNOS in SHR: vascular functional and structural consequences. 2005 , 7, 1294-301	60
1055	Two divergent isotypes of the fourth complement component from a bony fish, the common carp (Cyprinus carpio). 2005 , 175, 4508-17	19
1054	Hypoxia-enhanced expression of the proprotein convertase furin is mediated by hypoxia-inducible factor-1: impact on the bioactivation of proproteins. 2005 , 280, 6561-9	131
1053	Rho A/Rho kinase mRNA and protein levels in human myometrium during pregnancy and labor. 2005 , 12, 20-7	29

1052	Therapeutic mechanism of Saikosaponin-d in anti-Thy1 mAb 1-22-3-induced rat model of glomerulonephritis. 2005 , 101, e111-8	21
1051	Association of tissue-specific differentially methylated regions (TDMs) with differential gene expression. 2005 , 102, 3336-41	293
1050	RNA Isolation Strategies. 2005 , 67-113	
1049	Effect of sex and sex hormones on structural intestinal adaptation after massive small bowel resection in rats. 2005 , 40, 489-95	9
1048	Efficient isolation of intact RNA from the soft coral <i>Scleronephthya gracillimum</i> (København) for gene expression analyses. 2005 , 9, 205-209	7
1047	Model of inhibition of <i>Thermus aquaticus</i> polymerase and Moloney murine leukemia virus reverse transcriptase by tea polyphenols (+)-catechin and (-)-epigallocatechin-3-gallate. 2005 , 99, 221-7	9
1046	Presence of splice variant forms of cytochrome P4502D1 in rat brain but not in liver. 2005 , 135, 81-92	8
1045	Caloric restriction and physical activity in zebrafish (<i>Danio rerio</i>). 2005 , 383, 99-104	96
1044	Beneficial effects of oral insulin on intestinal recovery following ischemia-reperfusion injury in rat. 2005 , 128, 108-13	13
1043	Mosquito glucosamine-6-phosphate N-acetyltransferase: cDNA, gene structure and enzyme kinetics. 2005 , 35, 637-46	13
1042	Characterization of <i>Haemonchus contortus</i> calreticulin suggests its role in feeding and immune evasion by the parasite. 2005 , 1722, 293-303	63
1041	A gene cluster for the fatty acid catabolism from <i>Pseudonocardia autotrophica</i> BCRC12444. 2005 , 329, 863-8	9
1040	Identifying and characterising the <i>Plasmodium falciparum</i> merozoite surface protein 10 <i>Plasmodium vivax</i> homologue. 2005 , 331, 1178-84	25
1039	Renal localization, expression, and developmental regulation of P450 4F cytochromes in three substrains of spontaneously hypertensive rats. 2005 , 338, 423-31	18
1038	Identification and characterisation of the <i>Plasmodium vivax</i> rhoptry-associated protein 2. 2005 , 337, 853-9	26
1037	Tendon xanthomas in familial hypercholesterolemia are associated with a differential inflammatory response of macrophages to oxidized LDL. 2005 , 579, 4503-12	46
1036	Mongoose rabies in southern Africa: a re-evaluation based on molecular epidemiology. 2005 , 109, 165-73	75
1035	ABCC5, ERCC2, XPA and XRCC1 transcript abundance levels correlate with cisplatin chemoresistance in non-small cell lung cancer cell lines. 2005 , 4, 18	122

1034	ABCG2 expression is an independent unfavorable prognostic factor in esophageal squamous cell carcinoma. 2006 , 71, 251-8	63
1033	Differentiation of umbilical cord blood-derived multilineage progenitor cells into respiratory epithelial cells. 2006 , 8, 480-7	86
1032	Nicotinamide prevents apoptosis in human cortical neuronal cells. 2006 , 16, 173-80	12
1031	Peripheral leukocyte response to oncological radiotherapy: expression of heat shock proteins. 2006 , 82, 171-9	8
1030	Expression, content, and localization of insulin-like growth factor I in human achilles tendon. 2006 , 47, 200-6	21
1029	In vitro and in vivo effects of the PPAR-alpha agonists fenofibrate and retinoic acid in endometrial cancer. 2006 , 5, 13	67
1028	In vivo expression of immunosuppressive cytokines in human papillomavirus-transformed cervical cancer cells. 2006 , 19, 481-91	71
1027	Example of real-time quantitative reverse transcription-PCR (Q-RT-PCR) analysis of bacterial gene expression during mammalian infection: <i>Borrelia burgdorferi</i> in mouse tissues. 2005 , Chapter 1D, Unit 1D.3	16
1026	Most of the interleukin 1 receptor antagonist, cathepsin S, macrophage migration inhibitory factor, nerve growth factor, and interleukin 18 release by explants of human adipose tissue is by the non-fat cells, not by the adipocytes. 2006 , 55, 1113-21	60
1025	Nitric oxide induces metallothionein-I gene expression in mesangial cells. 2006 , 148, 180-7	9
1024	Differentiation of human adult CD34+ stem cells into cells with a neural phenotype: role of astrocytes. 2006 , 197, 399-406	19
1023	The <i>Plasmodium vivax</i> rhoptry-associated protein 1. 2006 , 341, 1053-8	20
1022	Interleukin-6 and insulin-like growth factor system relationships and differences in the human placenta and fetus from the 35th week of gestation. 2006 , 16, 365-72	12
1021	Cyclic compressive mechanical stimulation induces sequential catabolic and anabolic gene changes in chondrocytes resulting in increased extracellular matrix accumulation. 2006 , 25, 323-31	109
1020	Liver fibrosis induced by hepatic overexpression of PDGF-B in transgenic mice. 2006 , 45, 419-28	186
1019	Impact of atmospheric CO ₂ on growth, photosynthesis and nitrogen metabolism in cucumber (<i>Cucumis sativus</i> L.) plants. 2006 , 163, 809-17	40
1018	Immunoproteasome and LMP2 polymorphism in aged and Alzheimer's disease brains. 2006 , 27, 54-66	162
1017	Simultaneous isolation of total cellular lipids and RNA from cultured cells. <i>BioTechniques</i> , 2006 , 41, 426, 428, 430	2.5 8

1016	Expression of GAS7 in childhood CNS tumors. 2006 , 46, 325-8	3
1015	Regulation of cardiolipin synthase levels in <i>Saccharomyces cerevisiae</i> . 2006 , 23, 279-91	12
1014	Metabolic changes during natural ageing in sunflower (<i>Helianthus annuus</i>) leaves: expression and activity of glutamine synthetase isoforms are regulated differently during senescence. 2006 , 128, 175-185	31
1013	Gonadotropin-releasing hormone and G proteins: potential roles in autoimmunity. 2000 , 917, 809-18	8
1012	Subtotal nephrectomy impairs ischemia-induced angiogenesis and hindlimb re-perfusion in rats. 2006 , 69, 2013-21	47
1011	Efficient expression and secretion of two co-produced xylanases from <i>Aspergillus niger</i> in <i>Pichia pastoris</i> directed by their native signal peptides and the <i>Saccharomyces cerevisiae</i> mating factor. 2006 , 39, 683-689	25
1010	Differential enrichment of high- and low-molecular weight proteins and concurrent RNA extraction. 2006 , 359, 274-6	7
1009	Bosentan inhibits tumor vascularization and bone metastasis in an immunocompetent skin-fold chamber model of breast carcinoma cell metastasis. 2006 , 23, 41-53	29
1008	Optimized RT-PCR method for assaying expression of monocyte chemotactic protein type 1 (MCP-1) in rabbit aorta. 2006 , 44, 133-43	6
1007	Effect of leptin on intestinal re-growth following massive small bowel resection in rat. 2006 , 22, 9-15	25
1006	Coeliac disease is associated with impaired expression of acyl-CoA-synthetase 5. 2006 , 21, 130-4	5
1005	Gastrodia anti-fungal protein from the orchid <i>Gastrodia elata</i> confers disease resistance to root pathogens in transgenic tobacco. 2006 , 224, 1373-83	24
1004	Functional characterization of cell hybrids generated by induced fusion of primary porcine mesenchymal stem cells with an immortal murine cell line. 2006 , 326, 123-37	11
1003	Biphasic and dually coordinated expression of the genes encoding major shell matrix proteins in the pearl oyster <i>Pinctada fucata</i> . 2006 , 8, 52-61	109
1002	Hydroxyurea responses and fetal hemoglobin induction in beta-thalassemia/HbE patients' peripheral blood erythroid cell culture. 2006 , 85, 164-9	26
1001	Isolation and characterization of a gene cluster for dibenzofuran degradation in a new dibenzofuran-utilizing bacterium, <i>Paenibacillus</i> sp. strain YK5. 2006 , 184, 305-15	24
1000	Comparative studies of differential expression of chitinolytic enzymes encoded by <i>chiA</i> , <i>chiB</i> , <i>chiC</i> and <i>nagA</i> genes in <i>Aspergillus nidulans</i> . 2006 , 51, 547-54	30
999	Human astrocytes can be induced to differentiate into cells with neuronal phenotype. 2006 , 312, 2336-46	14

998	Cloning and identification of a membrane progesterin receptor in goldfish ovaries and evidence it is an intermediary in oocyte meiotic maturation. 2006 , 145, 101-8		72
997	Distribution-insensitive cluster analysis in SAS on real-time PCR gene expression data of steadily expressed genes. 2006 , 82, 44-50		8
996	Diversity and function of decomposer fungi from a grassland soil. 2006 , 38, 7-20		113
995	Interleukin-6 and STAT3 protect the liver from hepatic ischemia and reperfusion injury during ischemic preconditioning. 2006 , 140, 793-802		40
994	Effects of increased sedimentation on the physiology of two estuarine soft-sediment bivalves, <i>Austrovenus stutchburyi</i> and <i>Paphies australis</i> . 2006 , 333, 12-26		32
993	Indicators of short-term growth in bivalves: Detecting environmental change across ecological scales. 2006 , 337, 38-48		22
992	Glucose-mediated repression of autolysis and conidiogenesis in <i>Emericella nidulans</i> . 2006 , 110, 1172-8		28
991	Increased expression of MDR1 mRNAs and P-glycoprotein in placentas from HIV-1 infected women. 2006 , 27, 699-706		27
990	Molecular phenotype of zebrafish ovarian follicle by serial analysis of gene expression and proteomic profiling, and comparison with the transcriptomes of other animals. <i>BMC Genomics</i> , 2006 , 7, 46	4-5	71
989	Differentiation of human bone marrow stem cells into cells with a neural phenotype: diverse effects of two specific treatments. 2006 , 7, 14		67
988	Amyloid contained in the knee joint meniscus is formed from apolipoprotein A-I. 2006 , 54, 3545-50		45
987	Microarray analysis of the developing cortex. 2006 , 66, 1646-58		38
986	Overexpression of hyaluronan synthases alters vascular smooth muscle cell phenotype and promotes monocyte adhesion. 2006 , 206, 378-85		66
985	Effects of mutations in the GanB/RgsA G protein mediated signalling on the autolysis of <i>Aspergillus nidulans</i> . 2006 , 46, 495-503		16
984	Detection of human bocavirus in Japanese children with lower respiratory tract infections. 2006 , 44, 1132-4		184
983	Characterization of a novel partition system encoded by the delta and omega genes from the streptococcal plasmid pSM19035. 2006 , 188, 4362-72		25
982	Using global genome approaches to address problems in cod mariculture1. 2006 , 63, 393-399		13
981	Illumination is necessary and sufficient to induce histone acetylation independent of transcriptional activity at the C4-specific phosphoenolpyruvate carboxylase promoter in maize. 2006 , 141, 1078-88		43

980	Role of connective tissue growth factor in vascular and renal damage associated with hypertension in rats. Interactions with angiotensin II. 2006 , 7, 192-200	26
979	Transforming growth factor beta1 induces hypoxia-inducible factor-1 stabilization through selective inhibition of PHD2 expression. 2006 , 281, 24171-81	226
978	Diagnosis of hepatitis a virus infection: a molecular approach. 2006 , 19, 63-79	256
977	Fascin is a potential biomarker for early-stage oesophageal squamous cell carcinoma. 2006 , 59, 958-64	61
976	Rho A/Rho kinase: human umbilical artery mRNA expression in normal and pre eclamptic pregnancies and functional role in isoprostane-induced vasoconstriction. 2006 , 132, 169-76	16
975	Expression of the genes dual oxidase 2, lipocalin 2 and regenerating islet-derived 1 alpha in Crohn's disease. 2007 , 42, 454-63	36
974	Peripheral infusion of insulin-like growth factor-I increases the number of newborn oligodendrocytes in the cerebral cortex of adult hypophysectomized rats. 2007 , 148, 3765-72	32
973	Identification and characterization of archaeal and fungal tRNA methyltransferases. 2007 , 425, 185-209	1
972	Overexpression of Helicobacter pylori-associated urease mRNAs in human gastric cancer. 2007 , 26, 641-8	11
971	Transplantation of allogeneic chondrocytes cultured in fibroin sponge and stirring chamber to promote cartilage regeneration. 2007 , 13, 483-92	59
970	Large-scale survey of cytosine methylation of retrotransposons and the impact of readout transcription from long terminal repeats on expression of adjacent rice genes. 2007 , 177, 1975-85	93
969	Seroepidemiology of human bocavirus in Hokkaido prefecture, Japan. 2007 , 45, 3218-23	97
968	Development of a high-throughput screening assay based on the 3-dimensional pannus model for rheumatoid arthritis. 2007 , 12, 956-65	24
967	Interleukin-10 regulates transforming growth factor-beta signaling in cultured human bronchial epithelial cells. 2007 , 74, 454-9	11
966	Treatment response and colonic gene expression in patients with Crohn's disease. 2007 , 42, 834-40	8
965	Hypoxia-inducible factor mediates hypoxic and tumor necrosis factor alpha-induced increases in tumor necrosis factor-alpha converting enzyme/ADAM17 expression by synovial cells. 2007 , 282, 33714-33724	89
964	Isolation and solubilization of proteins after TRIzol extraction of RNA and DNA from patient material following prolonged storage. <i>BioTechniques</i> , 2007 , 42, 467-70, 472	2.5 156
963	Multiple fungal enzymes possess cysteine synthase activity in vitro. 2007 , 158, 428-36	10

962	Evaluation of enrichment-free PCR-based detection on the rfbE gene of Escherichia coli O157--application to municipal wastewater. 2007 , 41, 1280-6	29
961	Molecular mechanisms of continuous light inhibition of Atlantic salmon parrōmolt transformation. 2007 , 273, 235-245	61
960	Identifying and characterising the Plasmodium falciparum RhopH3 Plasmodium vivax homologue. 2007 , 358, 861-6	18
959	Prevalence of sexually transmissible pathogens in semen from asymptomatic male infertility patients with and without leukocytospermia. 2007 , 87, 1087-97	166
958	Sulfate transport in Aspergillus nidulans: a novel gene encoding alternative sulfate transporter. 2007 , 44, 715-25	18
957	Two Aspergillus nidulans genes encoding methylenetetrahydrofolate reductases are up-regulated by homocysteine. 2007 , 44, 691-700	10
956	Hibernating black bears (Ursus americanus) experience skeletal muscle protein balance during winter anorexia. 2007 , 147, 20-8	62
955	Calpastatin in rat myoblasts: transient diminution and decreased phosphorylation depend on myogenin-directed myoblast differentiation. 2007 , 39, 253-61	11
954	Effect of probiotics on intestinal regrowth and bacterial translocation after massive small bowel resection in a rat. 2007 , 42, 1365-71	50
953	A drastic reduction in DOF1 transcript levels does not affect C4-specific gene expression in maize. 2007 , 164, 1665-74	14
952	Hepatocyte transplantation from steatotic liver in a rat model. 2007 , 142, 104-12	6
951	Preferential existence of death-inducing proteins in the human cardiomyopathic left ventricle. 2007 , 142, 227-32	3
950	Oral glutamine prevents gut mucosal injury and improves mucosal recovery following lipopolysaccharide endotoxemia in a rat. 2007 , 143, 379-84	27
949	ArgR-dependent repression of arginine and histidine transport genes in Escherichia coli K-12. 2007 , 373, 251-67	37
948	In vitro and in vivo studies of creatine monohydrate supplementation to Duroc and Landrace pigs. 2007 , 76, 342-51	31
947	The analysis of tRNA import into mammalian mitochondria. <i>Methods in Molecular Biology</i> , 2007 , 372, 235-53	1.4 13
946	Regulation of enterocyte apoptosis by acyl-CoA synthetase 5 splicing. 2007 , 133, 587-98	40
945	Virtual Northern analysis of the human genome. <i>PLoS ONE</i> , 2007 , 2, e460	3.7 10

944	Effects of BRCA1 transgene expression on murine mammary gland development and mutagen-induced mammary neoplasia. 2007 , 3, 281-91	11
943	Mechanical stimulation of TMJ condylar chondrocytes encapsulated in PEG hydrogels. 2007 , 83, 323-31	41
942	Towards in situ tissue repair: human mesenchymal stem cells express chemokine receptors CXCR1, CXCR2 and CCR2, and migrate upon stimulation with CXCL8 but not CCL2. 2007 , 101, 135-46	277
941	Homemade viral RNA isolation protocol using silica columns: a comparison of four protocols. 2007 , 360, 148-50	3
940	Optimized methodology for sequential extraction of RNA and protein from small human skin biopsies. 2007 , 127, 349-53	32
939	Chinese herbal formula Qilong-Lishui granule improves puromycin aminonucleoside-induced renal injury through regulation of bone morphogenetic proteins. 2007 , 12, 466-73	5
938	An alternatively spliced cytochrome P4501A1 in human brain fails to bioactivate polycyclic aromatic hydrocarbons to DNA-reactive metabolites. 2007 , 102, 867-77	15
937	Identification and characterization of SV31, a novel synaptic vesicle membrane protein and potential transporter. 2007 , 103, 276-87	19
936	Detection of Helicobacter pylori in oral aphthous ulcers. 1999 , 28, 197-203	47
935	Constitutive expression and functional characterization of mitochondrial glutaredoxin (Grx2) in mouse and human brain. 2007 , 1185, 8-17	39
934	Lung carcinomas decrease the number of monocytes/macrophages (CD14+ cells) that produce TNF-alpha. 2007 , 122, 323-9	16
933	Involvement of kinin B1 receptor and oxidative stress in sensory abnormalities and arterial hypertension in an experimental rat model of insulin resistance. 2007 , 41, 375-87	36
932	Membrane type-1 matrix metalloproteinase is induced following cyclic compression of in vitro grown bovine chondrocytes. 2007 , 15, 1301-10	16
931	Role of proteinase-activated receptor-2 on cyclooxygenase-2 expression in H. pylori-infected gastric epithelial cells. 2007 , 1096, 29-36	12
930	RNA extraction from mammalian tissues. <i>Methods in Molecular Biology</i> , 2007 , 362, 315-27	1.4 29
929	Expression and function of protease-activated receptor 4 in human myometrium. 2007 , 196, 169.e1-6	1
928	Molecular cloning of Pit-1 cDNA and genomic DNA of the domestic duck (<i>Anas platyrhynchos</i>). 2007 , 78, 180-188	2
927	Effects of ouabain on proliferation, intracellular free calcium and c-myc mRNA expression in vascular smooth muscle cells. 2007 , 177, 589-95	14

926	Dietary glutamine supplementation prevents mucosal injury and modulates intestinal epithelial restitution following ischemia-reperfusion injury in the rat. 2007 , 52, 1497-504	27
925	CARD15 status and familial predisposition for Crohn's disease and colonic gene expression. 2007 , 52, 1783-9	8
924	Genetic diversity of Brazilian strains of porcine circovirus type 2 (PCV-2) revealed by analysis of the cap gene (ORF-2). 2007 , 152, 1435-45	33
923	Transferrin in the mosquito, <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae), up-regulated upon infection and development of the filarial parasite, <i>Wuchereria bancrofti</i> (Cobbold) (Spirurida: Onchocercidae). 2007 , 101, 325-30	20
922	Bombesin stimulates enterocyte turnover following massive small bowel resection in a rat. 2007 , 23, 397-404	10
921	The effect of leptin on intestinal recovery following ischemia-reperfusion injury in a rat. 2007 , 23, 473-8	11
920	Osteogenic and adipogenic potential of porcine adipose mesenchymal stem cells. 2007 , 43, 95-100	51
919	alpha/beta-Globin mRNA ratio determination by multiplex quantitative real-time reverse transcription-polymerase chain reaction as an indicator of globin gene function. 2007 , 40, 1373-7	18
918	Designing 3D photopolymer hydrogels to regulate biomechanical cues and tissue growth for cartilage tissue engineering. 2008 , 25, 2379-86	64
917	Complete genomic RNA sequence of the Polish Pepino mosaic virus isolate belonging to the US2 strain. 2008 , 36, 209-14	32
916	Oral insulin up-regulates Toll-like receptor 4 expression and enhances intestinal recovery following lipopolysaccharide-induced gut injury in a rat. 2008 , 53, 1231-9	2
915	Characterization of two distinct Polish isolates of Pepino mosaic virus. 2008 , 122, 443-445	19
914	RNA Isolation method for polysaccharide rich algae: agar producing <i>Gracilaria tenuistipitata</i> (Rhodophyta). 2008 , 20, 9-12	34
913	Reverse transcription-polymerase chain reaction on a microarray: the integrating concept of "active arrays". 2008 , 391, 1671-8	17
912	Immune-related genes associated with intestinal tissue in the sea cucumber <i>Holothuria glaberrima</i> . 2008 , 60, 57-71	60
911	Development of an efficient protocol of RNA isolation from recalcitrant tree tissues. 2008 , 38, 57-64	54
910	Gene expression profiles of mouse striatum in control and maneb + paraquat-induced Parkinson's disease phenotype: validation of differentially expressed energy metabolizing transcripts. 2008 , 40, 59-68	27
909	Effect of transforming growth factor-alpha on enterocyte apoptosis is correlated with EGF receptor expression along the villus-crypt axis during methotrexate-induced intestinal mucositis in a rat. 2008 , 13, 1344-55	8

908	Msh2 promoter region hypermethylation as a marker of aging-related deterioration in old retired female breeder mice. 2008 , 9, 325-34	11
907	Responsiveness of intestinal epithelial cell turnover to TGF-alpha after bowel resection in a rat is correlated with EGF receptor expression along the villus-crypt axis. 2008 , 24, 21-8	9
906	Effect of 100% oxygen on E-selectin expression, recruitment of neutrophils and enterocyte apoptosis following intestinal ischemia-reperfusion in a rat. 2008 , 24, 29-35	16
905	Peptide YY induces enterocyte proliferation in a rat model with total enteral nutrition after distal bowel resection. 2008 , 24, 913-9	3
904	Transforming growth factor-alpha stimulates enterocyte proliferation and accelerates intestinal recovery following methotrexate-induced intestinal mucositis in a rat and a cell culture model. 2008 , 24, 1303-11	11
903	Dietary palmitic acid modulates intestinal re-growth after massive small bowel resection in a rat. 2008 , 24, 1313-21	13
902	Rat brain thioltransferase: regional distribution, immunological characterization, and localization by fluorescent in situ hybridization. 1999 , 72, 1170-8	30
901	SREA is involved in regulation of siderophore biosynthesis, utilization and uptake in <i>Aspergillus nidulans</i> . 2001 , 41, 1077-89	129
900	Human mastoid periosteum-derived stem cells: promising candidates for skeletal tissue engineering. 2008 , 2, 136-46	50
899	NR1 and GluR2 expression mediates excitotoxicity in chronic hypobaric hypoxia. 2008 , 86, 1142-52	49
898	Chondrogenic differentiation capacity of human mesenchymal progenitor cells derived from subchondral cortico-spongious bone. 2008 , 26, 1449-56	49
897	Gankyrin oncoprotein overexpression as a critical factor for tumor growth in human esophageal squamous cell carcinoma and its clinical significance. 2008 , 122, 325-32	42
896	The role of hydrogel structure and dynamic loading on chondrocyte gene expression and matrix formation. 2008 , 41, 1528-36	86
895	The composition of basal and induced cellulase systems in <i>Penicillium decumbens</i> under induction or repression conditions. 2008 , 42, 560-567	52
894	Doubly truncated FosB isoform (Delta2DeltaFosB) induces osteosclerosis in transgenic mice and modulates expression and phosphorylation of Smads in osteoblasts independent of intrinsic AP-1 activity. 2008 , 23, 584-95	27
893	Treatment with glutamine is associated with down-regulation of Toll-like receptor-4 and myeloid differentiation factor 88 expression and decrease in intestinal mucosal injury caused by lipopolysaccharide endotoxaemia in a rat. 2008 , 151, 341-7	54
892	Analysis of adiponectin gene and comparison of its expression in two different pig breeds. 2008 , 16, 1869-74	30
891	Studies on effects of Lp(a) lipoprotein on gene expression in endothelial cells in vitro. 1997 , 52, 314-25	5

890	Investigating glutamate receptor-like gene co-expression in <i>Arabidopsis thaliana</i> . 2008 , 31, 861-71	95
889	Histone H1e interacts with small hepatitis delta antigen and affects hepatitis delta virus replication. 2008 , 375, 197-204	9
888	Endocrine systems in juvenile anadromous and landlocked Atlantic salmon (<i>Salmo salar</i>): seasonal development and seawater acclimation. 2008 , 155, 762-72	76
887	Comparative analysis of the acute response of the trout, <i>O. mykiss</i> , head kidney to in vivo challenge with virulent and attenuated infectious hematopoietic necrosis virus and LPS-induced inflammation. <i>BMC Genomics</i> , 2008 , 9, 141	4.5 54
886	Expression of GABA A receptor alpha1 subunit mRNA and protein in rat neocortex following photothrombotic infarction. 2008 , 1210, 29-38	19
885	Effects of nutrition and genotype on prion protein (PrPC) gene expression in the fetal and maternal sheep placenta. 2008 , 29, 422-8	2
884	Development and validation of nested-PCR for the diagnosis of clinical and subclinical infectious laryngotracheitis. 2008 , 151, 188-193	17
883	Expression of RHOGTPase regulators in human myometrium. 2008 , 6, 1	31
882	Upregulation of PSCDBP, TLR2, TWIST1, FLJ35382, EDNRB, and RGS12 gene expression in human myometrium at labor. 2008 , 15, 382-93	32
881	Feeding strategy for improving tenderness has opposite effects in two different muscles. 2008 , 80, 1037-45	27
880	Treatment with type I interferons induces a regulatory T cell subset in peripheral blood mononuclear cells from multiple sclerosis patients. 2008 , 8, 881-6	10
879	Synaptic terminals from mice midbrain exhibit functional P2X7 receptor. 2008 , 151, 361-73	32
878	(Z)-1,1-Dichloro-2-(4-methoxyphenyl)-3-phenylcyclopropane induces concentration-dependent growth inhibition, apoptosis, and coordinates regulation of apoptotic genes in TRAMP cells. 2008 , 26, 378-85	1
877	Fatty acid composition of adipose tissue and blood in humans and its use as a biomarker of dietary intake. 2008 , 47, 348-80	859
876	Detection of <i>Leptospira</i> spp. in semen and vaginal fluids of goats and sheep by polymerase chain reaction. 2008 , 69, 837-42	62
875	Prohibitin identified by proteomic analysis of prostate biopsies distinguishes hyperplasia and cancer. 2008 , 266, 171-85	72
874	Characterisation of the <i>Plasmodium vivax</i> Pv38 antigen. 2008 , 376, 326-30	22
873	Characterization and expression of the transcription factor PU.1 during LPS-induced inflammation in the rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2008 , 24, 35-45	4.3 17

872	Altered degradation of circulating nucleic acids and oligonucleotides in diabetic patients. 2008 , 79, 204-13	6
871	Effects of dietary soy protein on iliac and carotid artery atherosclerosis and gene expression in male monkeys. 2008 , 196, 106-113	28
870	Effects of ezetimibe and/or simvastatin on LDL receptor protein expression and on LDL receptor and HMG-CoA reductase gene expression: a randomized trial in healthy men. 2008 , 198, 198-207	46
869	Participaci3n de los mineralocorticoides en la respuesta inflamatoria vascular asociada a la hipertensi3n. 2008 , 20, 233-238	
868	Correlation between IL-10 gene expression and HPV infection in cervical cancer: a mechanism for immune response escape. 2008 , 26, 1037-43	54
867	Simultaneous isolation of DNA and RNA from the same cell population obtained by laser capture microdissection for genome and transcriptome profiling. 2008 , 10, 129-34	26
866	Beta-adrenoceptor subtype expression in human placenta and umbilical arteries in normal and preeclamptic pregnancies. 2008 , 27, 169-81	5
865	Expression levels of mRNA for Rho A/Rho kinase and its role in isoprostane-induced vasoconstriction of human placental and maternal vessels. 2008 , 15, 179-88	8
864	AGEs and glucose levels modulate type I and III procollagen mRNA synthesis in dermal fibroblasts cells culture. 2008 , 2008, 473603	28
863	Novel splice site mutation in the growth hormone receptor gene in Turkish patients with Laron-type dwarfism. 2008 , 21, 47-58	8
862	Location and function of STIM1 in the activation of Ca ²⁺ entry signals. 2008 , 283, 26252-62	41
861	Expression of pulmonary vasoactive factors after sevoflurane anaesthesia in rats: a quantitative real-time polymerase chain reaction study. 2008 , 100, 190-4	14
860	CYP4Fs expression in rat brain correlates with changes in LTB ₄ levels after traumatic brain injury. 2008 , 25, 1187-94	18
859	Effect of lactulose on bacterial translocation and intestinal adaptation in a rat model of short bowel syndrome. 2008 , 46, 507-13	6
858	Characterization and heterologous expression of an age-dependent fungal/bacterial type chitinase of <i>Aspergillus nidulans</i> . 2008 , 55, 351-61	10
857	Plasma lipid-dependent and -independent effects of dietary soy protein and social status on atherogenesis in premenopausal monkeys: implications for postmenopausal atherosclerosis burden. 2008 , 15, 950-7	30
856	Extraction. 2009 ,	
855	Abnormal expression of C3ORF9 gene in patients with myelodysplastic syndromes. 2009 , 22, 787-93	5

- 854 Influence of smoking on colonic gene expression profile in Crohn's disease. *PLoS ONE*, **2009**, 4, e6210 3-7 23
- 853 Alternative-splicing in the exon-10 region of GABA(A) receptor beta(2) subunit gene: relationships between novel isoforms and psychotic disorders. *PLoS ONE*, **2009**, 4, e6977 3-7 29
- 852 [Application of a diagnostic method using reverse transcription-PCR ELISA for the diagnosis of enteroviral infections]. **2009**, 29, 594-600 3
- 851 The acute-phase protein serum amyloid A3 is expressed in the bovine mammary gland and plays a role in host defence. **2009**, 14, 26-37 68
- 850 Indirect regulation of PTH by estrogens may require FGF23. **2009**, 20, 2009-17 79
- 849 *Caenorhabditis elegans* metallothioneins protect against toxicity induced by depleted uranium. **2009**, 111, 345-54 36
- 848 Myoinositol oxygenase controls the level of myoinositol in *Arabidopsis*, but does not increase ascorbic acid. **2009**, 149, 1042-9 85
- 847 Molecular cloning and tissue distribution of reduced folate carrier and effect of dietary folate supplementation on the expression of reduced folate carrier in laying hens. **2009**, 88, 1939-47 16
- 846 Gene expression profiling of intestinal regeneration in the sea cucumber. *BMC Genomics*, **2009**, 10, 262 4-5 77
- 845 Isolation and characterization of the equine influenza virus causing the 2006 outbreak in Chile. **2009**, 137, 172-7 11
- 844 Effects and mechanisms of PPARalpha activator fenofibrate on myocardial remodelling in hypertension. **2009**, 13, 4444-52 27
- 843 *Ornithodoros savignyi*: soft tick apyrase belongs to the 5'-nucleotidase family. **2009**, 122, 318-27 34
- 842 Functional and molecular characterizations of chloride channels in rat pleural mesothelial cells. **2009**, 614, 22-9 5
- 841 Downregulation of connective tissue growth factor by three-dimensional matrix enhances ovarian carcinoma cell invasion. **2009**, 125, 816-25 34
- 840 Effects of SMYD3 overexpression on transformation, serum dependence, and apoptosis sensitivity in NIH3T3 cells. **2009**, 61, 679-84 29
- 839 Lack of evidence for the mu-opioid receptor splice variant MOR1C in rats. **2009**, 517, 452-8 2
- 838 Advanced glycation end products in diabetic patients with optimized glycaemic control and their effects on endothelial reactivity: possible implications in venous graft failure. **2009**, 25, 420-6 13
- 837 Development and characterization of a conditionally transformed adult human osteoblastic cell line. **1996**, 11, 806-19 75

836	Endomyocardial biopsy derived adherent proliferating cells - a potential cell source for cardiac tissue engineering. 2010 , 109, 564-75	19
835	Expression of Lewy body protein septin 4 in postmortem brain of Parkinson's disease and control subjects. 2009 , 24, 204-10	30
834	Evolution of viviparity and uterine angiogenesis: vascular endothelial growth factor (VEGF) in oviparous and viviparous skinks. 2010 , 314, 148-56	9
833	Association between the expression of IL-10 and T cell activation proteins loss in early breast cancer patients. 2009 , 135, 255-64	7
832	Analysis of genes isolated from plated hemocytes of the Pacific oyster, <i>Crassostrea gigas</i> . 2009 , 11, 24-44	46
831	Magnetic-bead-based microfluidic system for ribonucleic acid extraction and reverse transcription processes. 2009 , 11, 339-50	37
830	<i>Aspergillus nidulans</i> genes encoding reverse transsulfuration enzymes belong to homocysteine regulon. 2009 , 55, 561-70	11
829	Analysis of current and alternative phenol based RNA extraction methodologies for cyanobacteria. 2009 , 10, 79	128
828	Functional dissection of the cytosolic chaperone network in tomato mesophyll protoplasts. 2009 , 32, 123-33	58
827	The N-terminal tripeptide of insulin-like growth factor-I protects against beta-amyloid-induced somatostatin depletion by calcium and glycogen synthase kinase 3 beta modulation. 2009 , 109, 360-70	29
826	Polymorphism in jasmonate signaling partially accounts for the variety of volatiles produced by <i>Nicotiana attenuata</i> plants in a native population. 2009 , 183, 1134-1148	77
825	Concurrent extraction of proteins and RNA from cell-laden hydrogel scaffold free of polysaccharide interference. 2009 , 877, 3762-6	2
824	Scaling up in vitro transcription synthesis of RNA standards for competitive quantitative RT-PCR: looking for bigger yields. 2009 , 385, 179-81	2
823	Cell-matrix interactions and dynamic mechanical loading influence chondrocyte gene expression and bioactivity in PEG-RGD hydrogels. 2009 , 5, 2832-46	53
822	Cloning of PRL and VIP cDNAs of the Java sparrow (<i>Padda oryzivora</i>). 2009 , 80, 176-86	4
821	Simultaneous extraction of high-quality RNA and DNA from small tissue samples. 2009 , 100, 246-50	44
820	Characterization and expression of NADPH oxidase in LPS-, poly(I:C)- and zymosan-stimulated trout (<i>Oncorhynchus mykiss</i> W.) macrophages. <i>Fish and Shellfish Immunology</i> , 2009 , 26, 651-61	4-3 17
819	Effect of different ascorbate supplementations on in vitro cartilage formation in porcine high-density pellet cultures. 2009 , 41, 249-56	16

818	Alterations of p16 and p14ARF genes and their 9p21 locus in oral squamous cell carcinoma. 2009 , 107, 81-91		46
817	Acetyl-L-carnitine (ALCAR) prevents hypobaric hypoxia-induced spatial memory impairment through extracellular related kinase-mediated nuclear factor erythroid 2-related factor 2 phosphorylation. 2009 , 161, 501-14		52
816	Identification of <i>Leptospira</i> spp. carriers among seroreactive goats and sheep by polymerase chain reaction. 2009 , 87, 16-9		36
815	Immunogenicity and protection-inducing ability of recombinant <i>Plasmodium vivax</i> rhoptry-associated protein 2 in Aotus monkeys: a potential vaccine candidate. 2009 , 27, 2870-6		12
814	Differentiation of field isolates and vaccine strains of infectious laryngotracheitis virus by DNA sequencing. 2009 , 27, 6731-8		45
813	Characterization and antigenicity of the promising vaccine candidate <i>Plasmodium vivax</i> 34kDa rhoptry antigen (Pv34). 2009 , 28, 415-21		15
812	Molecular analysis of tammar (<i>Macropus eugenii</i>) mammary epithelial cells stimulated with lipopolysaccharide and lipoteichoic acid. 2009 , 129, 36-48		18
811	Tissue specific differentially methylated regions (TDMR): Changes in DNA methylation during development. 2009 , 93, 130-9		100
810	Cold preservation of the liver with oxygenation by a two-layer method. 2009 , 152, 209-17		2
809	Effects of thyroid hormone on the adaptation in short bowel syndrome. 2009 , 155, 116-24		5
808	Axodendritic fibres of mouse cerebellar granule neurons exhibit a diversity of functional P2X receptors. 2009 , 55, 671-82		10
807	Changes in islet plasma membrane calcium-ATPase activity and isoform expression induced by insulin resistance. 2009 , 490, 17-23		9
806	Analysis of nascent RNA transcripts by chromatin RNA immunoprecipitation. <i>Methods in Molecular Biology</i> , 2009 , 567, 215-35	1.4	11
805	VEGF(121)b, a new member of the VEGF(xxx)b family of VEGF-A splice isoforms, inhibits neovascularisation and tumour growth in vivo. 2009 , 101, 1183-93		38
804	Production of plantibodies in <i>Nicotiana</i> plants. <i>Methods in Molecular Biology</i> , 2009 , 483, 103-34	1.4	4
803	The levels of glutathione and nitrite-nitrate and the expression of Bcl-2 mRNA in ovariectomized rats treated by raloxifene against kainic acid. 2009 , 119, 227-39		11
802	Bilirubin impairs intestinal regrowth following massive small bowel resection in a rat model. 2009 , 49, 16-22		1
801	Molecular Biological Analyses and Molecular Pathology in Clinical Chemistry. 2009 ,		

800 Isolation of Nucleic Acids from Soft Tissues. **2009**,

799 Isolation of Viral RNA from Cultures. **2009**,

798 Expression of NOD2 in a rat model of acute pancreatitis. **2010**, 39, 1034-40 4

797 Simultaneous assay for four bacterial species including *Alloicoccus otitidis* using multiplex-PCR in children with culture negative acute otitis media. **2010**, 29, 741-5 59

796 RNAzol[®] RT: a new single-step method for isolation of RNA. **2010**, 7, 4-5 17

795 The expression of IL-6 by osteoblasts is increased in healthy elderly individuals: stimulated proliferation and differentiation are unaffected by age. **2010**, 87, 414-23 13

794 Effect of simvastatin on intestinal recovery following gut ischemia-reperfusion injury in a rat. **2010**, 26, 105-10 18

793 Oral insulin stimulates intestinal epithelial cell turnover in correlation with insulin-receptor expression along the villus-crypt axis in a rat model of short bowel syndrome. **2010**, 26, 37-44 21

792 Characterization of a filamentous virus from Bermuda grass and its molecular, serological and biological comparison with *Spartina mottle virus*. **2010**, 155, 1675-80 4

791 Effects of glutamine supplementation on kidney of diabetic rat. **2010**, 38, 1021-30 12

790 MeaB-dependent nutrition sensing regulates autolysis in carbon starved *Aspergillus nidulans* cultures. **2010**, 50, 104-8 3

789 Gene expression profiling of the proliferative effect of periplocin on mouse cardiac microvascular endothelial cells. **2010**, 16, 33-40 13

788 Metabolic engineering using mtLD gene enhances tolerance to water deficit and salinity in sorghum. **2010**, 54, 647-652 38

787 Polymorphisms in tumor necrosis factor and lymphotoxin A in tuberculosis without and with response to treatment. **2010**, 33, 267-75 10

786 Mechanical loading regimes affect the anabolic and catabolic activities by chondrocytes encapsulated in PEG hydrogels. **2010**, 18, 126-37 60

785 Chemokine profile of synovial fluid from normal, osteoarthritis and rheumatoid arthritis patients: CCL25, CXCL10 and XCL1 recruit human subchondral mesenchymal progenitor cells. **2010**, 18, 1458-66 78

784 Long-term conservation of HCV RNA at 4 degrees C using a new RNA stabilizing solution. **2010**, 168, 207-11 4

783 Evidence of perturbations of cell cycle and DNA repair pathways as a consequence of human and murine NF1-haploinsufficiency. *BMC Genomics*, **2010**, 11, 194 4.5 14

782	Ghrelin in the human myometrium. 2010 , 8, 55		21
781	Protective effect of a coffee preparation (Nescafe pure) against carbon tetrachloride-induced liver fibrosis in rats. 2010 , 29, 399-405		22
780	Chondrogenic differentiation of human subchondral progenitor cells is impaired by rheumatoid arthritis synovial fluid. 2010 , 28, 819-27		19
779	Analysis of marine bivalve shellfish from the fish market in Santos city, S� Paulo state, Brazil, for <i>Toxoplasma gondii</i> . 2010 , 170, 8-13		46
778	Isolation and characterization of a β -glucosidase from <i>Penicillium decumbens</i> and improving hydrolysis of corncob residue by using it as cellulase supplementation. 2010 , 46, 444-9		70
777	Small intestinal mucosa expression of putative chaperone fls485. 2010 , 10, 27		2
776	Variation in salinity tolerance and shoot sodium accumulation in <i>Arabidopsis</i> ecotypes linked to differences in the natural expression levels of transporters involved in sodium transport. 2010 , 33, 793-804		84
775	A genetic basis for the phenotypic differentiation between siscowet and lean lake trout (<i>Salvelinus namaycush</i>). 2010 , 19 Suppl 1, 176-96		94
774	The COP9 signalosome mediates transcriptional and metabolic response to hormones, oxidative stress protection and cell wall rearrangement during fungal development. 2010 , 78, 964-79		61
773	Bcl-2 overexpression in hepatic stellate cell line CFSC-2G, induces a pro-fibrotic state. 2010 , 25, 1306-14		5
772	<i>Lotus tenuis</i> tolerates combined salinity and waterlogging: maintaining O ₂ transport to roots and expression of an NHX1-like gene contribute to regulation of Na ⁺ transport. 2010 , 139, 358-74		19
771	Vascular cellular adhesion molecule-1 (VCAM-1) expression in mice retinal vessels is affected by both hyperglycemia and hyperlipidemia. <i>PLoS ONE</i> , 2010 , 5, e12699	3.7	80
770	Effects of feeding diets naturally contaminated with <i>Fusarium</i> mycotoxins on protein metabolism in late gestation and lactation of first-parity sows. <i>Journal of Animal Science</i> , 2010 , 88, 998-1008	0.7	4
769	Expression of DLK1 and MEG3 genes in porcine tissues during postnatal development. 2010 , 33, 790-4		12
768	Probucol attenuates cyclophosphamide-induced oxidative apoptosis, p53 and Bax signal expression in rat cardiac tissues. 2010 , 3, 308-16		71
767	Thymoquinone attenuates diethylnitrosamine induction of hepatic carcinogenesis through antioxidant signaling. 2010 , 3, 254-61		114
766	ERK-MAPK signaling opposes rho-kinase to reduce cardiomyocyte apoptosis in heart ischemic preconditioning. 2010 , 16, 307-15		48
765	Parenteral but not enteral omega-3 fatty acids (Omegaven) modulate intestinal regrowth after massive small bowel resection in rats. 2010 , 34, 503-12		26

764	EIF2C is overexpressed and amplified in head and neck squamous cell carcinoma. 2010 , 72, 337-43	17
763	The effect of glucagon-like peptide 2 injection on performance, small intestinal morphology, and nutrient transporter expression of stressed broiler chickens. 2010 , 89, 1967-74	41
762	Characterization by restriction fragment length polymorphism and sequence analysis of field and vaccine strains of infectious laryngotracheitis virus involved in severe outbreaks. 2010 , 39, 425-33	18
761	The positive effects of growth hormone-releasing peptide-6 on weight gain and fat mass accrual depend on the insulin/glucose status. 2010 , 151, 2008-18	9
760	Potential neuroprotective effect of gamma-glutamylcysteine ethyl ester on rat brain against kainic acid-induced excitotoxicity. 2010 , 44, 513-21	10
759	Antidepressant imipramine induces human astrocytes to differentiate into cells with neuronal phenotype. 2010 , 13, 603-15	23
758	TRIZOL treatment of secretory phase endometrium allows combined proteomic and mRNA microarray analysis of the same sample in women with and without endometriosis. 2010 , 8, 123	16
757	Effects of small interfering RNAs targeting fascin on human esophageal squamous cell carcinoma cell lines. 2010 , 5, 41	19
756	Constituents of <i>Amoora cucullata</i> with TRAIL resistance-overcoming activity. 2010 , 8, 3696-703	29
755	An inducible nitric oxide synthase polymorphism is associated with the risk of recurrent depressive disorder. 2010 , 486, 184-7	27
754	Involvement of ganglionic cholinergic receptors on the steroidogenesis in the luteal phase in rat. 2010 , 120, 45-52	8
753	Lipid-induced up-regulation of human acyl-CoA synthetase 5 promotes hepatocellular apoptosis. 2010 , 1801, 1025-35	26
752	Total RNA isolation from stallion sperm and testis biopsies. 2010 , 74, 1099-1106, 1106e1-2	60
751	Cloning and expression of canine CD25 for validation of an anti-human CD25 antibody to compare T regulatory lymphocytes in healthy dogs and dogs with osteosarcoma. 2010 , 135, 137-145	29
750	Effect of high water temperature on mortality, immune response and viral replication of WSSV-infected <i>Marsupenaeus japonicus</i> juveniles and adults. 2010 , 305, 133-137	28
749	Effects of acidic water and aluminum exposure on gill Na(+), K(+)-ATPase alpha-subunit isoforms, enzyme activity, physiology and return rates in Atlantic salmon (<i>Salmo salar</i> L.). 2010 , 97, 250-9	31
748	Effect of gamma-glutamylcysteine ethylester on the levels of c-fos mRNA expression, glutathione and reactive oxygen species formation in kainic acid excitotoxicity. 2010 , 62, 1010-7	8
747	RNA Isolation Strategies. 2010 , 45-80	3

746	Identification and characterization of the Plasmodium vivax thrombospondin-related apical merozoite protein. 2010 , 9, 283		8
745	Methods for isolation of total RNA to recover miRNAs and other small RNAs from diverse species. <i>Methods in Molecular Biology</i> , 2010 , 592, 31-50	1.4	35
744	The ionotropic γ -aminobutyric acid receptor gene family of the silkworm, Bombyx mori. 2010 , 53, 688-97		26
743	Effects of the noradrenergic neurotoxin DSP-4 on the expression of β -adrenoceptor subtypes after antidepressant treatment. 2011 , 63, 1349-58		9
742	Controlling the fibroblastic differentiation of mesenchymal stem cells via the combination of fibrous scaffolds and connective tissue growth factor. 2011 , 17, 2773-85		63
741	Hypoxia-induced invadopodia formation involves activation of NHE-1 by the p90 ribosomal S6 kinase (p90RSK). <i>PLoS ONE</i> , 2011 , 6, e28851	3.7	65
740	The rs2030324 SNP of brain-derived neurotrophic factor (BDNF) is associated with visual cognitive processing in multiple sclerosis. 2011 , 18, 43-52		18
739	Impact of oceanic upwelling on morphometric and molecular indices of an intertidal fish <i>Scartichthys viridis</i> (Blenniidae). 2011 , 44, 33-42		19
738	Sensitization with anti-inflammatory BmAFI of <i>Brugia malayi</i> allows L3 development in the hostile peritoneal cavity of <i>Mastomys coucha</i> . 2011 , 120, 191-205		19
737	RB1 gene mutations in Iranian patients with retinoblastoma: report of four novel mutations. 2011 , 204, 316-22		12
736	H-FABP and LEPR gene expression profile in skeletal muscles and liver during ontogenesis in various breeds of pigs. 2011 , 40, 147-54		25
735	C-Phycocyanin ameliorates experimental autoimmune encephalomyelitis and induces regulatory T cells. 2011 , 11, 29-38		31
734	Insulin and growth hormone-releasing peptide-6 (GHRP-6) have differential beneficial effects on cell turnover in the pituitary, hypothalamus and cerebellum of streptozotocin (STZ)-induced diabetic rats. 2011 , 337, 101-13		8
733	Novel porcine housekeeping genes for real-time RT-PCR experiments normalization in adipose tissue: assessment of leptin mRNA quantity in different pig breeds. 2011 , 87, 191-5		20
732	Study of infection by Rickettsiae of the spotted fever group in humans and ticks in an urban park located in the City of Londrina, State of Parana, Brazil. 2011 , 44, 313-7		2
731	Nerve injury evoked loss of latexin expression in spinal cord neurons contributes to the development of neuropathic pain. <i>PLoS ONE</i> , 2011 , 6, e19270	3.7	9
730	Muc5b is the major polymeric mucin in mucus from thoroughbred horses with and without airway mucus accumulation. <i>PLoS ONE</i> , 2011 , 6, e19678	3.7	4
729	Sequential alterations in catabolic and anabolic gene expression parallel pathological changes during progression of monoiodoacetate-induced arthritis. <i>PLoS ONE</i> , 2011 , 6, e24320	3.7	33

728	The Reproductive Biology of Siscowet and Lean Lake Trout in Southern Lake Superior. 2011 , 140, 1472-1491	25
727	Anti-influenza virus activity of tricetin, 4',5,7-trihydroxy-3',5'-dimethoxyflavone. 2011 , 22, 1-11	23
726	Assessing the role of root plasma membrane and tonoplast Na ⁺ /H ⁺ exchangers in salinity tolerance in wheat: in planta quantification methods. 2011 , 34, 947-961	126
725	Arabidopsis SNARE protein SEC22 is essential for gametophyte development and maintenance of Golgi-stack integrity. 2011 , 66, 268-79	40
724	A fast brassinolide-regulated response pathway in the plasma membrane of Arabidopsis thaliana. 2011 , 66, 528-40	76
723	Detection of KI polyomavirus and WU polyomavirus DNA by real-time polymerase chain reaction in nasopharyngeal swabs and in normal lung and lung adenocarcinoma tissues. 2011 , 55, 525-30	20
722	Effects of extracorporeal shock wave therapy on desmitis of the accessory ligament of the deep digital flexor tendon in the horse. 2011 , 40, 450-6	17
721	Mechanisms of functional specificity among plasma-membrane syntaxins in Arabidopsis. 2011 , 12, 1269-80	59
720	CSP α promotes SNARE-complex assembly by chaperoning SNAP-25 during synaptic activity. 2011 , 13, 30-9	174
719	Chromatin modification acts as a memory for systemic acquired resistance in the plant stress response. 2011 , 12, 50-5	363
718	Effect of the FABP3 and LEPR gene polymorphisms and expression levels on intramuscular fat (IMF) content and fat cover degree in pigs. 2011 , 142, 114-120	13
717	Postprandial effects on appetite-related neuropeptide expression in the brain of Atlantic salmon, <i>Salmo salar</i> . 2011 , 171, 359-66	66
716	Early onset sebaceous carcinoma. 2011 , 6, 81	10
715	Tumor necrosis factor -308 and lymphotoxin +252 polymorphisms in Mexican children with Kawasaki disease and coronary aneurysms. 2011 , 42, 602-7	8
714	Berberine attenuates lipopolysaccharide-induced impairments of intestinal glutamine transport and glutaminase activity in rat. 2011 , 82, 323-30	13
713	The expression pattern of myogenic regulatory factors MyoD, Myf6 and Pax7 in postnatal porcine skeletal muscles. 2011 , 11, 79-83	36
712	Cytochrome P4504f, a potential therapeutic target limiting neuroinflammation. 2011 , 82, 53-64	26
711	Altered nucleic acid partitioning during phenol extraction or silica adsorption by guanidinium and potassium salts. 2011 , 419, 309-16	10

710	Effect of oral insulin on diabetes-induced intestinal mucosal growth in rats. 2011 , 56, 2566-74	9
709	Nutritional supplementation with transforming growth factor-beta inhibits intestinal adaptation after massive small bowel resection in a rat. 2011 , 27, 211-6	7
708	An integrated microfluidic system capable of sample pretreatment and hybridization for microarrays. 2011 , 10, 999-1009	4
707	GABA and GAD expression in the X-organ sinus gland system of the <i>Procambarus clarkii</i> crayfish: inhibition mediated by GABA between X-organ neurons. 2011 , 197, 923-38	3
706	Changes in cardiac heparan sulfate proteoglycan expression and streptozotocin-induced diastolic dysfunction in rats. 2011 , 10, 35	14
705	Sequence and gene expression of chloroquine resistance transporter (pfcrt) in the association of in vitro drugs resistance of <i>Plasmodium falciparum</i> . 2011 , 10, 42	20
704	PvRON2, a new <i>Plasmodium vivax</i> rhoptry neck antigen. 2011 , 10, 60	21
703	Peroxisome proliferator-activated receptor α (PPAR α) mRNA expression in human hepatocellular carcinoma tissue and non-cancerous liver tissue. 2011 , 9, 167	8
702	A simple and efficient micrografting method for stably transformed <i>Nicotiana attenuata</i> plants to examine shoot-root signaling. 2011 , 7, 34	23
701	Identification, structure, and characterization of an exopolysaccharide produced by <i>Histophilus somni</i> during biofilm formation. 2011 , 11, 186	28
700	Chondrogenic differentiation of human mesenchymal stem cells in micro-masses is impaired by high doses of the chemokine CXCL7. 2011 , 5, 50-9	6
699	Simultaneous isolation of DNA, RNA, and protein from <i>Medicago truncatula</i> L. 2011 , 32, 321-30	30
698	High resolution ArrayCGH and expression profiling identifies PTPRD and PCDH17/PCH68 as tumor suppressor gene candidates in laryngeal squamous cell carcinoma. 2011 , 50, 154-66	54
697	Adequacy of herniated disc tissue as a cell source for nucleus pulposus regeneration. 2011 , 14, 273-80	31
696	Genome-wide expression profiling of human lymphoblastoid cell lines identifies CHL1 as a putative SSRI antidepressant response biomarker. 2011 , 12, 171-84	55
695	High-throughput simultaneous analysis of RNA, protein, and lipid biomarkers in heterogeneous tissue samples. 2011 , 57, 1545-55	3
694	Generation of HIV-1 and Internal Control Transcripts as Standards for an In-House Quantitative Competitive RT-PCR Assay to Determine HIV-1 Viral Load. 2011 , 2011, 964831	4
693	Effects of acute changes in neonatal leptin levels on food intake and long-term metabolic profiles in rats. 2011 , 152, 4116-26	26

692	Mineralocorticoid receptor activation: a major contributor to salt-induced renal injury and hypertension in young rats. 2011 , 300, F1402-9		30
691	A cytoplasm-specific activity encoded by the Trithorax-like ATX1 gene. 2011 , 39, 4709-18		10
690	Immune and viral profile from tolerance to hepatitis B surface antigen clearance: a longitudinal study of vertically hepatitis B virus-infected children on combined therapy. 2011 , 85, 2416-28		43
689	Polyethyleneimine (PEI) mediated siRNA gene silencing in the <i>Schistosoma mansoni</i> snail host, <i>Biomphalaria glabrata</i> . 2011 , 5, e1212		33
688	A new, robust, and nonradioactive approach for exploring N-myristoylation. 2012 , 53, 2459-68		11
687	A rat model of smoke inhalation injury. 2012 , 24, 356-64		24
686	Reversing the resistance phenotype of the <i>Biomphalaria glabrata</i> snail host <i>Schistosoma mansoni</i> infection by temperature modulation. 2012 , 8, e1002677		48
685	Novel mutation and three other sequence variants segregating with phenotype at keratoconus 13q32 susceptibility locus. 2012 , 20, 389-97		61
684	Genome-wide transcriptomic variations of human lymphoblastoid cell lines: insights from pairwise gene-expression correlations. 2012 , 13, 1893-904		8
683	A 3D environment for anulus fibrosus regeneration. 2012 , 17, 177-83		9
682	Neuroprotection by mefenamic acid against D-serine: involvement of oxidative stress, inflammation and apoptosis. 2012 , 46, 726-39		9
681	RNA quantification using noble metal nanoprobe: simultaneous identification of several different mRNA targets using color multiplexing and application to cancer diagnostics. <i>Methods in Molecular Biology</i> , 2012 , 906, 71-87	1.4	9
680	Expression of cell growth negative regulators MEG3 and GADD45 is lost in most sporadic human pituitary adenomas. 2012 , 15, 420-7		24
679	Characterization and evaluation of sex-specific expression of suppressors of cytokine signaling (SOCS)-1 and -3 in juvenile yellow perch (<i>Perca flavescens</i>) treated with lipopolysaccharide. <i>Fish and Shellfish Immunology</i> , 2012 , 33, 468-81	4.3	21
678	CSP α knockout causes neurodegeneration by impairing SNAP-25 function. 2012 , 31, 829-41		109
677	Kainic acid-induced changes in the opioid/nociceptin system and the stress/toxicity pathways in the rat hippocampus. 2012 , 60, 555-64		5
676	Orexin A decreases lipid peroxidation and apoptosis in a novel hypothalamic cell model. 2012 , 524, 30-4		41
675	The p21-activated kinase PAK 5 is involved in formalin-induced nociception through regulation of MAP-kinase signaling and formalin-specific receptors. 2012 , 234, 121-8		9

674	Dietary L-arginine supplementation reduces Methotrexate-induced intestinal mucosal injury in rat. 2012 , 12, 41	32
673	Chondrogenic differentiation of human subchondral progenitor cells is affected by synovial fluid from donors with osteoarthritis or rheumatoid arthritis. 2012 , 7, 10	26
672	Detection of porcine circovirus genotypes 2a and 2b in aborted foetuses from infected swine herds in the State of S Paulo, Brazil. 2012 , 54, 29	7
671	Transcriptome profiling of <i>Zymomonas mobilis</i> under ethanol stress. 2012 , 5, 75	48
670	The effect of aryl hydrocarbon receptor ligands on the expression of polymerase (DNA directed) kappa (PolI), polymerase RNA II (DNA directed) polypeptide A (PolR2a), CYP1B1 and CYP1A1 genes in rat liver. 2012 , 34, 819-25	11
669	Interleukin-1-mediated effects of normal oral keratinocytes and head and neck squamous carcinoma cells on extracellular matrix related gene expression in fibroblasts. 2012 , 48, 1236-41	2
668	The NAC transcription factor gene ANAC072 is differentially expressed in <i>Arabidopsis thaliana</i> in response to microbe-associated molecular pattern (MAMP) molecules. 2012 , 80, 19-27	7
667	Epigenetic regulation on GABRB2 isoforms expression: developmental variations and disruptions in psychotic disorders. 2012 , 134, 260-6	26
666	Insights into the achaete-scute homolog-1 gene (hASH1) in normal and neoplastic human lung. 2012 , 75, 58-65	38
665	Anti-cytomegalovirus effects of tricin are dependent on CXCL11. 2012 , 14, 1086-92	20
664	Growth, osmoregulation and endocrine changes in wild Atlantic salmon smolts and post-smolts during marine migration. 2012 , 362-363, 127-136	33
663	Fenofibrate reduces mortality and precludes neurological deficits in survivors in murine model of Japanese encephalitis viral infection. <i>PLoS ONE</i> , 2012 , 7, e35427	3-7 30
662	Transmission ecology of Sin Nombre hantavirus in naturally infected North American deer mouse populations in outdoor enclosures. <i>PLoS ONE</i> , 2012 , 7, e47731	3-7 21
661	Inhibition of gene expression of organic cation/carnitine transporter and antioxidant enzymes in oxazaphosphorines-induced acute cardiomyopathic rat models. 2012 , 2012, 452902	9
660	Downregulation of oxidative and nitrosative apoptotic signaling by L-carnitine in Ifosfamide-induced Fanconi syndrome rat model. 2012 , 2012, 696704	6
659	VEGF and metalloproteinase 2 (MMP 2) expression in gastric cancer tissue. 2012 , 18, BR130-4	25
658	Marine leech <i>Ozobranchus margo</i> parasitizing loggerhead turtle (<i>Caretta caretta</i>) in Rio Grande do Sul, Brazil. 2012 , 21, 301-3	5
657	Excretion of <i>Brucella abortus</i> vaccine B19 strain during a reproductive cycle in dairy cows. 2012 , 43, 594-601	7

656	Detection and characterization of fibropapilloma associated herpesvirus of marine turtles in Rio Grande do Sul, Brazil. 2012 , 32, 1179-1183		9
655	Desferrioxamine attenuates doxorubicin-induced acute cardiotoxicity through TGF- β /Smad p53 pathway in rat model. 2012 , 2012, 619185		184
654	Human platelet-rich plasma stimulates migration and chondrogenic differentiation of human subchondral progenitor cells. 2012 , 30, 845-52		140
653	Identification of Bombyx atonal and functional comparison with the Drosophila atonal proneural factor in the developing fly eye. 2012 , 50, 393-403		8
652	Detection of human bocaviruses 1 to 4 from nasopharyngeal swab samples collected from patients with respiratory tract infections. 2012 , 50, 2118-21		32
651	Variability of mRNA abundance of leukemia inhibitory factor gene (LIF) in porcine ovary, oviduct and uterus tissues. <i>Molecular Biology Reports</i> , 2012 , 39, 7965-72	2.8	7
650	Cloning, expression and characterization of a eukaryotic cycloalkanone monooxygenase from <i>Cylindrocarpon radicola</i> ATCC 11011. 2012 , 94, 705-17		23
649	The echinocandin B producer fungus <i>Aspergillus nidulans</i> var. <i>roseus</i> ATCC 58397 does not possess innate resistance against its lipopeptide antimycotic. 2012 , 95, 113-22		9
648	Transcriptome profiling of <i>Zymomonas mobilis</i> under furfural stress. 2012 , 95, 189-99		61
647	Proteins isolated with TRIzol are compatible with two-dimensional electrophoresis and mass spectrometry analyses. 2012 , 421, 330-2		19
646	Karyotyping of human chondrocytes in scaffold-assisted cartilage tissue engineering. 2012 , 8, 1519-29		8
645	Increased levels of deleted in malignant brain tumours 1 (DMBT1) in active bacteria-related appendicitis. 2012 , 60, 561-9		7
644	Changes in the cannabinoid (CB1) receptor expression level and G-protein activation in kainic acid induced seizures. 2012 , 99, 64-8		24
643	Thyroid transcription factor 1, a homeodomain containing transcription factor, contributes to regulating periodic oscillations in GnRH gene expression. 2012 , 24, 916-29		12
642	Use of PCR-based assays for the detection of the adventitious agent porcine circovirus type 1 (PCV1) in vaccines, and for confirming the identity of cell substrates and viruses used in vaccine production. 2012 , 179, 201-11		6
641	Role of damage-specific DNA polymerases in M13 phage mutagenesis induced by a major lipid peroxidation product trans-4-hydroxy-2-nonenal. 2012 , 729, 41-51		5
640	Equid herpesvirus type-1 exhibits neurotropism and neurovirulence in a mouse model. 2012 , 146, 202-10		14
639	Expression profiling, gene silencing and transcriptional networking of metzincin metalloproteases in the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> . 2012 , 186, 403-14		29

- 638 The role of growth hormone in growth, lipid homeostasis, energy utilization and partitioning in rainbow trout: interactions with leptin, ghrelin and insulin-like growth factor I. **2012**, 175, 153-62 38
- 637 Quantifying Ostreid herpesvirus (OsHV-1) genome copies and expression during transmission. **2012**, 63, 596-604 51
- 636 Effect of alpha-naphthylisothiocyanate-induced liver injury on intestinal adaptation in a rat model of short bowel syndrome. **2012**, 28, 161-9 2
- 635 Inhibition of glucocorticoid receptors ameliorates hypobaric hypoxia induced memory impairment in rat. **2013**, 240, 76-86 20
- 634 Telomerase downregulation induces proapoptotic genes expression and initializes breast cancer cells apoptosis followed by DNA fragmentation in a cell type dependent manner. *Molecular Biology Reports*, **2013**, 40, 4995-5004 2.8 16
- 633 Heterogeneity of 11q13 region rearrangements in laryngeal squamous cell carcinoma analyzed by microarray platforms and fluorescence in situ hybridization. *Molecular Biology Reports*, **2013**, 40, 4161-71^{2.8} 18
- 632 RNA isolation from mammalian samples. **2013**, Chapter 4, Unit 4.16 13
- 631 Simultaneously extracting DNA, RNA, and protein using kits: is sample quantity or quality prejudiced?. **2013**, 433, 10-8 31
- 630 Efficient recovery of proteins from multiple source samples after TRIzol(™) or TRIzol(™)LS RNA extraction and long-term storage. *BMC Genomics*, **2013**, 14, 181 4.5 79
- 629 N-glycosylation profile of undifferentiated and adipogenically differentiated human bone marrow mesenchymal stem cells: towards a next generation of stem cell markers. **2013**, 22, 3100-13 32
- 628 Towards biological anulus repair: TGF-β, FGF-2 and human serum support matrix formation by human anulus fibrosus cells. **2013**, 45, 68-76 16
- 627 Involvement of the ganglion cholinergic receptors in gonadotropin-releasing hormone, catecholamines, and progesterone release in the rat ovary. **2013**, 99, 2062-70 14
- 626 Polyglycolic acid-hyaluronan scaffolds loaded with bone marrow-derived mesenchymal stem cells show chondrogenic differentiation in vitro and cartilage repair in the rabbit model. **2013**, 101, 1310-20 29
- 625 Anti-inflammatory BmAFI of *Brugia malayi* modulates IgE, histamine and histamine receptor responses in *Mastomys coucha*. **2013**, 127, 82-6 2
- 624 A biomolecular isolation framework for eco-systems biology. **2013**, 7, 110-21 73
- 623 Simultaneous isolation of high-quality DNA, RNA, miRNA and proteins from tissues for genomic applications. **2013**, 8, 2240-55 73
- 622 IFN-γ-induced priming maintains long-term strain-transcending immunity against blood-stage *Plasmodium chabaudi* malaria. **2013**, 191, 5160-9 21
- 621 Scaffold-assisted cartilage tissue engineering using infant chondrocytes from human hip cartilage. **2013**, 21, 1997-2005 22

620	RNAzol [®] BD: a reagent for the effective isolation of RNA from whole blood. 2013 , 10, ii-ii	6
619	Environmental enrichment promotes neural plasticity and cognitive ability in fish. 2013 , 280, 20131331	136
618	Annotation and characterization of the Plasmodium vivax rhoptry neck protein 4 (PvRON4). 2013 , 12, 356	14
617	Genetic and functional evidence for a role for SLC11A1 in susceptibility to otitis media in early childhood in a Western Australian population. 2013 , 16, 411-8	6
616	Selective nucleic acid removal via exclusion (SNARE): capturing mRNA and DNA from a single sample. 2013 , 85, 9764-70	33
615	A novel protein kinase involved in Na(+) exclusion revealed from positional cloning. 2013 , 36, 553-68	60
614	Transcriptome changes initiated by carbon starvation in Aspergillus nidulans. 2013 , 159, 176-190	58
613	Leptin receptor is up-regulated in inflamed human dental pulp. 2013 , 39, 1567-71	11
612	The expression pattern of proteolytic enzymes of cathepsin family in two important porcine skeletal muscles. 2013 , 157, 427-434	4
611	Bacteria diversity and arsenic mobilization in rock biofilm from an ancient gold and arsenic mine. 2013 , 461-462, 330-40	28
610	Atlantic salmon (<i>Salmo salar</i> L.) smolts require more than two weeks to recover from acidic water and aluminium exposure. 2013 , 142-143, 33-44	8
609	Protective effect of oestradiol in the coeliac ganglion against ovarian apoptotic mechanism on dioestrus. 2013 , 135, 60-6	3
608	Kainic acid-induced seizure activity alters the mRNA expression and G-protein activation of the opioid/nociceptin receptors in the rat brain cortex. 2013 , 105, 13-9	9
607	Protein from the fraction remaining after RNA extraction is useful for proteomics but care must be exercised in its application. 2013 , 95, 46-50	10
606	Establishment of real-time TaqMan-fluorescence quantitative RT-PCR assay for detection and quantitation of ten kinds of porcine inflammation markers mRNA. 2013 , 193, 169-72	
605	Seawater tolerance and post-smolt migration of wild Atlantic salmon <i>Salmo salar</i> × brown trout <i>S. trutta</i> hybrid smolts. 2013 , 82, 206-27	14
604	Estimating the biodegradation of pesticide in soils by monitoring pesticide-degrading gene expression. 2013 , 24, 203-13	20
603	A faster method to detect norovirus in oysters using probe hybridization to isolate target RNA before RT-PCR. 2013 , 10, 362-7	1

602	Evaluation of DNA extraction methods of rumen microbial populations. 2013 , 29, 301-7		8
601	Effect of cell wall integrity stress and RlmA transcription factor on asexual development and autolysis in <i>Aspergillus nidulans</i> . 2013 , 54, 1-14		45
600	Single-Step Method of Total RNA Isolation by Guanidine Phenol Extraction. 2013 ,		
599	Long-term, intermittent, insulin-induced hypoglycemia produces marked obesity without hyperphagia or insulin resistance: a model for weight gain with intensive insulin therapy. 2013 , 304, E131-8		23
598	Increased detection of Sin Nombre hantavirus RNA in antibody-positive deer mice from Montana, USA: evidence of male bias in RNA viremia. 2013 , 5, 2320-8		12
597	SNARE complexes of different composition jointly mediate membrane fusion in <i>Arabidopsis</i> cytokinesis. 2013 , 24, 1593-601		77
596	AN ENZYMATIC METHOD TO OBTAIN A NEW SCAFFOLD FOR ENGINEERING CARTILAGE. 2013 , 1498, 139-144		
595	Leptin expression in healthy and inflamed human dental pulp. 2013 , 46, 442-8		16
594	Prognostic significance of K-ras codon 12 mutation in patients with resected gallbladder cancer. 2013 , 30, 233-9		18
593	Activation of the miR-17 family and miR-21 during murine kidney ischemia-reperfusion injury. 2013 , 23, 344-54		44
592	A rapid and sensitive assay for DNA-protein covalent complexes in living cells. 2013 , 41, e104		65
591	Effects of coronary ischemia-reperfusion in a rat model of early overnutrition. Role of angiotensin receptors. <i>PLoS ONE</i> , 2013 , 8, e54984	3-7	10
590	Long-term effects of early overnutrition in the heart of male adult rats: role of the renin-angiotensin system. <i>PLoS ONE</i> , 2014 , 8, e65172	3-7	8
589	Comparison of the nodule vs. root transcriptome of the actinorhizal plant <i>Datisca glomerata</i> : actinorhizal nodules contain a specific class of defensins. <i>PLoS ONE</i> , 2013 , 8, e72442	3-7	37
588	Cholesterol diet withdrawal leads to an initial plaque instability and subsequent regression of accelerated iliac artery atherosclerosis in rabbits. <i>PLoS ONE</i> , 2013 , 8, e77037	3-7	23
587	Expression microarray analysis reveals alternative splicing of LAMA3 and DST genes in head and neck squamous cell carcinoma. <i>PLoS ONE</i> , 2014 , 9, e91263	3-7	25
586	Rapid and efficient isolation of high-quality small RNAs from recalcitrant plant species rich in polyphenols and polysaccharides. <i>PLoS ONE</i> , 2014 , 9, e95687	3-7	27
585	Denatured mammalian protein mixtures exhibit unusually high solubility in nucleic acid-free pure water. <i>PLoS ONE</i> , 2014 , 9, e113295	3-7	6

584	Molecular evidence that only two opsin subfamilies, the blue light- (SWS2) and green light-sensitive (RH2), drive color vision in Atlantic cod (<i>Gadus morhua</i>). <i>PLoS ONE</i> , 2014 , 9, e115436	3.7	14
583	Fibronectin stimulates migration and proliferation, but not chondrogenic differentiation of human subchondral progenitor cells. 2014 , 9, 759-73		10
582	Nicotinamide treatment reduces the levels of oxidative stress, apoptosis, and PARP-1 activity in A β (1-42)-induced rat model of Alzheimer's disease. 2014 , 48, 146-58		113
581	Garlic-derived compound S-allylmercaptocysteine inhibits cell growth and induces apoptosis via the JNK and p38 pathways in human colorectal carcinoma cells. 2014 , 8, 2591-2596		17
580	Crosstalk between Edc4 and mammalian target of rapamycin complex 1 (mTORC1) signaling in mRNA decapping. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 23179-95	6.3	5
579	Effect of hyaluronan on developmental competence and quality of oocytes and obtained blastocysts from in vitro maturation of bovine oocytes. 2014 , 2014, 519189		7
578	Hemerythrins in the microaerophilic bacterium <i>Campylobacter jejuni</i> help protect key iron-sulphur cluster enzymes from oxidative damage. 2014 , 16, 1105-21		37
577	Initial boost release of transforming growth factor- β and chondrogenesis by freeze-dried bioactive polymer scaffolds. 2014 , 42, 2562-76		5
576	Subphysiological compressive loading reduces apoptosis following acute impact injury in a porcine cartilage model. 2014 , 6, 81-8		7
575	Clinical, radiological and molecular diagnosis correlation in serum samples from patients with osteoarticular tuberculosis. 2014 , 4, 581-5		4
574	Purification, cloning, characterization, and N-glycosylation analysis of a novel β -fructosidase from <i>Aspergillus oryzae</i> FS4 synthesizing levan- and neolevan-type fructooligosaccharides. <i>PLoS ONE</i> , 2014 , 9, e114793	3.7	11
573	A comprehensive analysis of breakpoint cluster region-abelson fusion oncogene splice variants in chronic myeloid leukemia and their correlation with disease biology. 2014 , 20, 64-8		7
572	A role for versican in the development of leiomyosarcoma. 2014 , 289, 34089-103		28
571	Dietary administration of β -D-glucan and probiotic strain <i>Shewanella putrefaciens</i> , single or combined, on gilthead seabream growth, immune responses and gene expression. <i>Fish and Shellfish Immunology</i> , 2014 , 39, 34-41	4.3	81
570	Selecting housekeeping genes as references for the normalization of quantitative PCR data in breast cancer. 2014 , 16, 184-90		23
569	Molecular characterization, 3D model analysis, and expression pattern of the CmUBC gene encoding the melon ubiquitin-conjugating enzyme under drought and salt stress conditions. 2014 , 52, 90-105		8
568	Retinal proteome alterations in a mouse model of type 2 diabetes. 2014 , 57, 192-203		26
567	Laser-structured bacterial nanocellulose hydrogels support ingrowth and differentiation of chondrocytes and show potential as cartilage implants. 2014 , 10, 1341-53		80

566	Pseudomonas pyocyanin stimulates IL-8 expression through MAPK and NF- κ B pathways in differentiated U937 cells. 2014 , 14, 26	14
565	Genetic and functional evidence for a locus controlling otitis media at chromosome 10q26.3. 2014 , 15, 18	7
564	Effect of ozone on intestinal recovery following intestinal ischemia-reperfusion injury in a rat. 2014 , 30, 181-8	16
563	Inhibition of gene expression of carnitine palmitoyltransferase I and heart fatty acid binding protein in cyclophosphamide and ifosfamide-induced acute cardiotoxic rat models. 2014 , 14, 232-42	13
562	Human platelet-rich plasma induces chondrogenic differentiation of subchondral progenitor cells in polyglycolic acid-hyaluronan scaffolds. 2014 , 102, 681-92	23
561	Expression of the Arabidopsis vacuolar H ⁺ -pyrophosphatase gene (AVP1) improves the shoot biomass of transgenic barley and increases grain yield in a saline field. 2014 , 12, 378-86	110
560	Effects of age and caloric restriction on the cardiac and coronary response to endothelin-1 in rats. 2014 , 60, 183-9	4
559	Molecular cloning of two novel peroxidases and their response to salt stress and salicylic acid in the living fossil Ginkgo biloba. 2014 , 114, 923-36	12
558	Germline mutation of RPS20, encoding a ribosomal protein, causes predisposition to hereditary nonpolyposis colorectal carcinoma without DNA mismatch repair deficiency. 2014 , 147, 595-598.e5	114
557	Chemokine-coupled α integrin-induced macrophage Rac2-Myosin IIA interaction regulates VEGF-A mRNA stability and arteriogenesis. 2014 , 211, 1957-68	34
556	Molecular cloning and biochemical characterization of iron superoxide dismutase from the rodent malaria parasite Plasmodium vinckei. 2014 , 63, 817-25	9
555	When everything converges: integrative taxonomy with shell, DNA and venom data reveals Conus conco, a new species of cone snails (Gastropoda: Conoidea). 2014 , 80, 186-92	16
554	Effects of initial boost with TGF-beta 1 and grade of intervertebral disc degeneration on 3D culture of human annulus fibrosus cells. 2014 , 9, 73	9
553	Diversified expression of aryl hydrocarbon receptor dependent genes in human laryngeal squamous cell carcinoma cell lines treated with β -aphthoflavone. 2014 , 231, 99-107	9
552	TP53 status regulates ACSL5-induced expression of mitochondrial mortalin in enterocytes and colorectal adenocarcinomas. 2014 , 357, 267-78	10
551	An integrated microfluidic platform for rapid detection and subtyping of influenza viruses from clinical samples. 2014 , 16, 501-512	11
550	The Tc1/mariner transposable element family shapes genetic variation and gene expression in the protist Trichomonas vaginalis. 2014 , 5, 12	17
549	Bioavailability of the imidazole antifungal agent clotrimazole and its effects on key biotransformation genes in the common carp (Cyprinus carpio). 2014 , 152, 57-65	30

548	Transcription of the vascular endothelial growth factor receptor-3 (VEGFR3) gene is regulated by the zinc finger proteins Sp1 and Sp3 and is under epigenetic control: transcription of vascular endothelial growth factor receptor 3. 2014 , 37, 131-45		17
547	Evaluating contribution of ionic, osmotic and oxidative stress components towards salinity tolerance in barley. 2014 , 14, 113		118
546	Glutamine attenuates the inhibitory effect of methotrexate on TLR signaling during intestinal chemotherapy-induced mucositis in a rat. 2014 , 11, 17		17
545	SMAD inhibition attenuates epithelial to mesenchymal transition by primary keratinocytes in vitro. 2014 , 23, 497-503		18
544	Correction for concentration overestimation of nucleic acids with phenol. 2014 , 465, 179-86		4
543	Comprehensive analysis of the whole transcriptomes from two different pig breeds using RNA-Seq method. 2014 , 45, 674-84		33
542	Chronic social instability stress enhances vulnerability of BDNF response to LPS in the limbic structures of female rats: a protective role of antidepressants. 2014 , 88, 74-83		16
541	Osmoregulation in Atlantic salmon <i>Salmo salar</i> smolts transferred to seawater at different temperatures. 2014 , 85, 1163-76		13
540	Modulatory effects of deltamethrin-exposure on the immune status, metabolism and oxidative stress in gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2014 , 36, 120-9	4-3	55
539	The Contribution of Smart Materials and Advanced Clinical Diagnostic Micro- Devices on the Progress and Improvement of Human Health Care. 2014 , 203-236		
538	Sensitivity of the vitellogenin assay to diagnose exposure of fathead minnows to 17 β -ethynylestradiol. 2014 , 152, 353-60		27
537	Evaluation of minimally invasive muscle biopsy method for genetic analysis in horse. 2015 , 15, 621-627		5
536	Suppression of NGB and NAB/ERabp1 in tomato modifies root responses to potato cyst nematode infestation. 2015 , 16, 334-48		1
535	Transfection of Sertoli cells with androgen receptor alters gene expression without androgen stimulation. 2015 , 16, 23		4
534	Reduction in A β -induced cell death in the hippocampus of 17 β -estradiol-treated female rats is associated with an increase in IGF-I signaling and somatostatinergic tone. 2015 , 135, 1257-71		10
533	Molecular characterization of Brazilian equid herpesvirus type 1 strains based on neuropathogenicity markers. 2015 , 46, 565-70		5
532	Occurrence of infectious Laryngotracheitis Virus (ILTV) in 2009-2013 in the State of S \tilde{a} o Paulo - Brazil. 2015 , 17, 117-120		3
531	AGEs-Induced IL-6 Synthesis Precedes RAGE Up-Regulation in HEK 293 Cells: An Alternative Inflammatory Mechanism?. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 20100-17	6-3	14

530	Age-Dependent Changes in the Inflammatory Nociceptive Behavior of Mice. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27508-19	6.3	5
529	Effect of ozone on intestinal epithelial homeostasis in a rat model. 2015 , 6, e0006		1
528	Neonicotinoid-Coated Zea mays Seeds Indirectly Affect Honeybee Performance and Pathogen Susceptibility in Field Trials. <i>PLoS ONE</i> , 2015 , 10, e0125790	3.7	60
527	A Putative Non-Canonical Ras-Like GTPase from <i>P. falciparum</i> : Chemical Properties and Characterization of the Protein. <i>PLoS ONE</i> , 2015 , 10, e0140994	3.7	4
526	Global miRNA Expression Profiling Identifies miR-1290 as Novel Potential oncomiR in Laryngeal Carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0144924	3.7	24
525	Molecular cloning of AtRS4, a seed specific multifunctional RFO synthase/galactosylhydrolase in <i>Arabidopsis thaliana</i> . 2015 , 6, 789		15
524	Persistence and spreading of field and vaccine strains of infectious laryngotracheitis virus (ILTV) in vaccinated and unvaccinated geographic regions, in Brazil. 2015 , 47, 1101-8		17
523	Utilization of a genetically modified muscle flap for local BMP-2 production and its effects on bone healing: a histomorphometric and radiological study in a rat model. 2015 , 10, 55		2
522	Broad application of a simple and affordable protocol for isolating plant RNA. 2015 , 8, 154		7
521	Viral Agents Causing Brown Cap Mushroom Disease of <i>Agaricus bisporus</i> . <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7125-34	4.8	14
520	In planta transformation of sorghum (<i>Sorghum bicolor</i> (L.) Moench) using TPS1 gene for enhancing tolerance to abiotic stresses. 2015 , 94, 425-34		11
519	Alterations in brain neurotrophic and glial factors following early age chronic methylphenidate and cocaine administration. 2015 , 282, 125-32		22
518	Analysis of the biological activities of <i>Saccharomyces cerevisiae</i> expressing intracellular EGF, extracellular EGF, and tagged EGF in early-weaned rats. 2015 , 99, 2179-89		11
517	The <i>Aspergillus nidulans</i> metZ gene encodes a transcription factor involved in regulation of sulfur metabolism in this fungus and other Eurotiales. 2015 , 61, 115-25		15
516	Glutamyl transpeptidase (GgtA) of <i>Aspergillus nidulans</i> is not necessary for bulk degradation of glutathione. 2015 , 197, 285-97		4
515	Effects of the lipid regulating drug clofibric acid on PPAR β -regulated gene transcript levels in common carp (<i>Cyprinus carpio</i>) at pharmacological and environmental exposure levels. 2015 , 161, 127-37		30
514	The normalisation of CAPN gene expression in <i>M. pectoralis superficialis</i> in broiler lines differing in growth rate and their relationship to breast muscle tenderness. 2015 , 56, 452-8		8
513	Molecular and cellular profiling of acute responses to total body radiation exposure in ovariectomized female cynomolgus macaques. 2015 , 91, 510-8		12

512	Disruption of the cytochrome P-450 1B1 gene exacerbates renal dysfunction and damage associated with angiotensin II-induced hypertension in female mice. 2015 , 308, F981-92	10
511	Differential upregulation of the hypothetical transmembrane protein 66 () in multiple sclerosis patients with potential inflammatory response. 2015 , 3, 98-104	7
510	Curcumin pretreatment mediates antidiabetogenesis via functional regulation of adrenergic receptor subtypes in the pancreas of multiple low-dose streptozotocin-induced diabetic rats. 2015 , 35, 823-33	16
509	Comparative Study of Three Methods of Sample Preparation for Proteomics Research. 2015 , 43, 808-813	4
508	Pretransplant donor and recipient CTLA-4 mRNA and protein levels as a prognostic marker for aGvHD in allogeneic hematopoietic stem cell transplantation. 2015 , 165, 52-9	5
507	A monophasic solution for isolation of RNA devoid of polymerase chain reaction-detectable genomic DNA contamination. 2015 , 477, 50-2	1
506	Comparison of the biological activities of <i>Saccharomyces cerevisiae</i> -expressed intracellular EGF, extracellular EGF, and tagged EGF in early-weaned pigs. 2015 , 99, 7125-35	12
505	The <i>Plasmodium vivax</i> rhoptry neck protein 5 is expressed in the apical pole of <i>Plasmodium vivax</i> VCG-1 strain schizonts and binds to human reticulocytes. 2015 , 14, 106	13
504	Leptin promotes dentin sialophosphoprotein expression in human dental pulp. 2015 , 41, 487-92	9
503	Probing protein quinary interactions by in-cell nuclear magnetic resonance spectroscopy. 2015 , 54, 2727-38	57
502	The low information content of <i>Neurospora</i> splicing signals: implications for RNA splicing and intron origin. 2015 , 21, 997-1004	2
501	TOL19-001 reduces inflammation and MMP expression in monolayer cultures of tendon cells. 2015 , 15, 217	14
500	The Impact of Chronic Early Administration of Psychostimulants on Brain Expression of BDNF and Other Neuroplasticity-Relevant Proteins. 2015 , 57, 231-42	17
499	Expression and immunohistochemical localization of leptin receptor in human periapical granuloma. 2015 , 48, 611-8	5
498	Core oxidative stress response in <i>Aspergillus nidulans</i> . <i>BMC Genomics</i> , 2015 , 16, 478	4-5 30
497	Differential gene expression between hygienic and non-hygienic honeybee (<i>Apis mellifera</i> L.) hives. <i>BMC Genomics</i> , 2015 , 16, 500	4-5 27
496	Suppression of <i>Arabidopsis</i> peroxidase 72 alters cell wall and phenylpropanoid metabolism. 2015 , 239, 192-9	37
495	Sodium-pump gene-expression, protein abundance and enzyme activity in isolated nephron segments of the aging rat kidney. 2015 , 3, e12369	4

494	Hsp transcript induction is correlated with physiological changes under drought stress in Indian mustard. 2015 , 21, 305-16	13
493	Role of orexin A signaling in dietary palmitic acid-activated microglial cells. 2015 , 606, 140-4	42
492	Alternariol derivatives from <i>Alternaria alternata</i> , an endophytic fungus residing in red sea soft coral, inhibit HCV NS3/4A protease. 2015 , 51, 579-584	14
491	Towards a consensus: Multiple experiments provide evidence for constitutive expression differences among sexes and populations of sea lice (<i>Lepeophtheirus salmonis</i>) related to emamectin benzoate resistance. 2015 , 448, 445-450	8
490	Ecophysiological constraints of <i>Aster tripolium</i> under extreme thermal events impacts: Merging biophysical, biochemical and genetic insights. 2015 , 97, 217-28	38
489	Potential stem cell labeling ability of poly-L-lysine complexed to ultrasmall iron oxide contrast agent: An optimization and relaxometry study. 2015 , 339, 427-36	17
488	A large cohort of α -thalassemia in Thailand: molecular, hematological and diagnostic considerations. 2015 , 54, 164-9	17
487	Coextraction and PCR Based Analysis of Nucleic Acids From Formalin-Fixed Paraffin-Embedded Specimens. 2015 , 29, 485-92	10
486	Prognostic importance of expression of the Wilms' tumor 1 gene in newly diagnosed acute promyelocytic leukemia. 2015 , 56, 2289-95	11
485	Peroxidase 4 is involved in syringyl lignin formation in <i>Arabidopsis thaliana</i> . 2015 , 175, 86-94	42
484	Effects of risperidone treatment on the expression of hypothalamic neuropeptide in appetite regulation in Wistar rats. 2015 , 1596, 146-55	16
483	The suppression of AtPrx52 affects fibers but not xylem lignification in <i>Arabidopsis</i> by altering the proportion of syringyl units. 2015 , 154, 395-406	48
482	MtDNA COI-COII marker and drone congregation area: an efficient method to establish and monitor honeybee (<i>Apis mellifera</i> L.) conservation centres. 2015 , 15, 673-83	22
481	HBsAg plasma level kinetics: a new role for an old marker as a therapy response predictor in vertically infected children on combination therapy. 2015 , 22, 441-52	2
480	Nucleic Acid Extraction in Diagnostic Virology. 2016 , 117-128	
479	Sea lampreys elicit strong transcriptomic responses in the lake trout liver during parasitism. <i>BMC Genomics</i> , 2016 , 17, 675	4.5 9
478	Extraction. 2016 , 1-6	
477	Inverse Relationship of the CMKLR1 Relative Expression and Chemerin Serum Levels in Obesity with Dysmetabolic Phenotype and Insulin Resistance. 2016 , 2016, 3085390	10

476	Low CD36 and LOX-1 Levels and CD36 Gene Subexpression Are Associated with Metabolic Dysregulation in Older Individuals with Abdominal Obesity. 2016 , 2016, 5678946		1
475	Bcmimp1, a <i>Botrytis cinerea</i> Gene Transiently Expressed in planta, Encodes a Mitochondrial Protein. 2016 , 7, 213		2
474	Different Culture Metabolites of the Red Sea Fungus <i>Fusarium equiseti</i> Optimize the Inhibition of Hepatitis C Virus NS3/4A Protease (HCV PR). 2016 , 14,		21
473	Selective Retention of an Inactive Allele of the DKK2 Tumor Suppressor Gene in Hepatocellular Carcinoma. 2016 , 12, e1006051		5
472	Silencing S-Adenosyl-L-Methionine Decarboxylase (SAMDC) in <i>Nicotiana tabacum</i> Points at a Polyamine-Dependent Trade-Off between Growth and Tolerance Responses. 2016 , 7, 379		25
471	Raffinose Family Oligosaccharides Act As Galactose Stores in Seeds and Are Required for Rapid Germination of <i>Arabidopsis</i> in the Dark. 2016 , 7, 1115		36
470	Depletion of Key Meiotic Genes and Transcriptome-Wide Abiotic Stress Reprogramming Mark Early Preparatory Events Ahead of Apomeiotic Transition. 2016 , 7, 1539		25
469	Generating Peripheral Blood Derived Lymphocytes Reacting Against Autologous Primary AML Blasts. 2016 , 39, 71-80		6
468	Neuroprotective Effects of Engineered Polymeric Nasal Microspheres Containing Hydroxypropyl-β-Cyclodextrin on β-Amyloid (1-42)-Induced Toxicity. 2016 , 105, 2372-80		20
467	Mechanical fatigue performance of PCL-chondroprogenitor constructs after cell culture under bioreactor mechanical stimulus. 2016 , 104, 330-8		5
466	Serial changes in the proliferation and differentiation of adipose-derived stem cells after ionizing radiation. 2016 , 7, 117		10
465	<i>Rickettsia vini</i> n. sp. (Rickettsiaceae) infecting the tick <i>Ixodes arboricola</i> (Acari: Ixodidae). 2016 , 9, 469		19
464	Metabolic Regulation as a Consequence of Anaerobic 5-Methylthioadenosine Recycling in <i>Rhodospirillum rubrum</i> . 2016 , 7,		12
463	Platelet-Derived Growth Factor Receptor Activation Promotes the Prodestructive Invadosome-Forming Phenotype of Synoviocytes from Patients with Rheumatoid Arthritis. 2016 , 196, 3264-75		28
462	Impact of date palm fruits extracts and probiotic enriched diet on antioxidant status, innate immune response and immune-related gene expression of European seabass (<i>Dicentrarchus labrax</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 52, 298-308	4-3	156
461	Characterization of a new peptide transport system in <i>Streptococcus thermophilus</i> . 2016 , 86, 34-45		5
460	A residue substitution in the plastid ribosomal protein L12/AL1 produces defective plastid ribosome and causes early seedling lethality in rice. 2016 , 91, 161-77		18
459	FoxO3a-mediated autophagy is down-regulated in the laforin deficient mice, an animal model for Lafora progressive myoclonus epilepsy. 2016 , 474, 321-327		13

458	5. MMP-2, TIMP-2, TAZ and MEF2a Transcript Expression in Osteogenic and Adipogenic Differentiation of Porcine Mesenchymal Stem Cells. 2016 , 16, 369-385	8
457	Cytochrome P450 1B1 Contributes to the Development of Angiotensin II-Induced Aortic Aneurysm in Male Apoe(-/-) Mice. 2016 , 186, 2204-2219	9
456	Adaptation of Akkermansia muciniphila to the Oxidic-Anoxic Interface of the Mucus Layer. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 6983-6993	4.8 61
455	Current insights into the sulfatase pathway in human testis and cultured Sertoli cells. 2016 , 146, 737-748	8
454	In vitro studies of an aged black garlic extract enriched in S-allylcysteine and polyphenols with cardioprotective effects. 2016 , 27, 189-200	23
453	Dysregulation of hypothalamic modulation in olanzapine treated male rats. 2016 , 71, 103-7	6
452	The Evolutionarily-conserved Polyadenosine RNA Binding Protein, Nab2, Cooperates with Splicing Machinery to Regulate the Fate of pre-mRNA. 2016 , 36, 2697-2714	22
451	Fenofibrate reduces intestinal damage and improves intestinal recovery following intestinal ischemia-reperfusion injury in a rat. 2016 , 32, 1193-1200	9
450	Total Cellular RNA Modulates Protein Activity. 2016 , 55, 4568-73	17
449	Association of single nucleotide polymorphisms in Pre-miR-27a, Pre-miR-196a2, Pre-miR-423, miR-608 and Pre-miR-618 with breast cancer susceptibility in a South American population. 2016 , 17, 109	48
448	Control of light-dependent keto carotenoid biosynthesis in Nostoc 7120 by the transcription factor NtcA. 2016 , 71, 303-311	5
447	Polymorphism and Expression Profile of Cholecystokinin Type A Receptor in Relation to Gallstone Disease Susceptibility. 2016 , 54, 665-75	2
446	Deletion of the type-1 interferon receptor in APPSWE/PS1E9 mice preserves cognitive function and alters glial phenotype. 2016 , 4, 72	38
445	Connecting Source with Sink: The Role of Arabidopsis AAP8 in Phloem Loading of Amino Acids. 2016 , 171, 508-21	73
444	Metagenomic Analysis of Cerebrospinal Fluid from Patients with Multiple Sclerosis. 2016 , 935, 89-98	18
443	Biochemical and molecular changes induced by salinity stress in Oryza sativa L.. 2016 , 38, 1	9
442	Role of mannitol dehydrogenases in osmoprotection of Gluconobacter oxydans. 2016 , 100, 9967-9978	15
441	Effects of Ethyl Pyruvate in Preventing the Development of Diet-induced Atherosclerosis by Blocking the HMGB1 Expression in ApoE-Deficient Mice. 2016 , 67, 299-304	11

440	Gene promoter methylation signature predicts survival of head and neck squamous cell carcinoma patients. 2016 , 11, 61-73	24
439	Maize maintains growth in response to decreased nitrate supply through a highly dynamic and developmental stage-specific transcriptional response. 2016 , 14, 342-53	15
438	Inhibition of versican expression by siRNA facilitates tropoelastin synthesis and elastic fiber formation by human SK-LMS-1 leiomyosarcoma smooth muscle cells in vitro and in vivo. 2016 , 50, 67-81	15
437	Exposure to increased levels of estradiol during development can have long-term effects on the response to undernutrition in female rats. 2016 , 19, 414-422	9
436	Exposure of the gilthead seabream () to sediments contaminated with heavy metals down-regulates the gene expression of stress biomarkers. 2016 , 3, 364-372	20
435	Amino Acids Rather than Glucose Account for the Majority of Cell Mass in Proliferating Mammalian Cells. 2016 , 36, 540-9	324
434	Peritumoral adipose tissue as a source of inflammatory and angiogenic factors in colorectal cancer. 2016 , 31, 365-75	17
433	Effect of taurine on intestinal recovery following intestinal ischemia-reperfusion injury in a rat. 2016 , 32, 161-8	17
432	Prognostic significance of serum ERBB3 and ERBB4 mRNA in lung adenocarcinoma patients. 2016 , 37, 857-63	5
431	Characterization of an abalone gonadotropin-releasing hormone and its effect on ovarian cell proliferation. 2016 , 450, 116-122	19
430	Epidermal YAP2-5SA- α Drives β Catenin Activation to Promote Keratinocyte Proliferation in Mouse Skin In Vivo. 2017 , 137, 716-726	12
429	Differential distribution and functional impact of BK channel beta1 subunits across mesenteric, coronary, and different cerebral arteries of the rat. 2017 , 469, 263-277	7
428	Head kidney, liver and skin histopathology and gene expression in gilthead seabream (<i>Sparus aurata</i> L.) exposed to highly polluted marine sediments from Portman Bay (Spain). 2017 , 174, 563-571	12
427	Decreased TAp63 and Δ p63 mRNA Levels in Most Human Pituitary Adenomas Are Correlated with Notch3/Jagged1 Relative Expression. 2017 , 28, 13-21	3
426	Quality and antioxidant response of gilthead seabream (<i>Sparus aurata</i> L.) to dietary supplements of fenugreek (<i>Trigonella foenum graecum</i>) alone or combined with probiotic strains. <i>Fish and Shellfish Immunology</i> , 2017 , 63, 277-284	4-3 18
425	Identification of Two Meloidogyne hapla Genes and an Investigation of Their Roles in the Plant-Nematode Interaction. 2017 , 30, 101-112	14
424	A 3D fish liver model for aquatic toxicology: Morphological changes and Cyp1a induction in PLHC-1 microtissues after repeated benzo(a)pyrene exposures. 2017 , 186, 134-144	16
423	Increased calcium leak associated with reduced calsequestrin expression in hyperthyroid cardiomyocytes. 2017 , 62, 29-40	6

422	Identification of a fatty acid binding protein4-UCP2 axis regulating microglial mediated neuroinflammation. 2017 , 80, 52-57		28
421	Development of a common carp (<i>Cyprinus carpio</i>) pregnane X receptor (cPXR) transactivation reporter assay and its activation by azole fungicides and pharmaceutical chemicals. 2017 , 41, 114-122		11
420	Dynamic solid-phase RNA extraction from a biological sample in a polyester-toner based microchip. 2017 , 9, 2116-2121		8
419	High-Throughput Protoplast Trans-Activation (PTA) Screening to Define Transcription Factors in Auxin-Mediated Gene Regulation. <i>Methods in Molecular Biology</i> , 2017 , 1569, 187-202	1.4	1
418	Melanotransferrin: New Homolog Genes and Their Differential Expression during Intestinal Regeneration in the Sea Cucumber <i>Holothuria glaberrima</i> . 2017 , 328, 259-274		7
417	Transition from a maternal to external nitrogen source in maize seedlings. 2017 , 59, 261-274		6
416	Ceramide synthase 2 deficiency aggravates AOM-DSS-induced colitis in mice: role of colon barrier integrity. 2017 , 74, 3039-3055		27
415	Vitamin D affects innate immune status of European sea bass (<i>Dicentrarchus labrax</i> L.). 2017 , 43, 1161-1174		12
414	Heparin mimetic peptide nanofiber gel promotes regeneration of full thickness burn injury. 2017 , 134, 117-127		60
413	Alterations in VEGF expression induced by antidepressant drugs in female rats under chronic social stress. 2017 , 13, 723-730		8
412	Cerebrovascular Remodeling and Neuroinflammation is a Late Effect of Radiation-Induced Brain Injury in Non-Human Primates. 2017 , 187, 599-611		26
411	Exercise-induced modification of the skeletal muscle transcriptome in Arabian horses. 2017 , 49, 318-326		17
410	Identification and changes in the seasonal concentrations of heat shock proteins in roe deer (<i>Capreolus capreolus</i>) epididymides. 2017 , 52, 107-114		4
409	PAHs in animal tissues [The analytics of PAHs in new reference materials and their homogeneity. 2017 , 9, 76-83		8
408	Protective effect of rutin supplementation against cisplatin-induced Nephrotoxicity in rats. 2017 , 18, 194		41
407	Evidence of a Prion-Like Transmission of p53 Amyloid in <i>Saccharomyces cerevisiae</i> . 2017 , 37,		6
406	Transcriptome Characterization of a Sterilizing Trematode Parasite (sp.) from Two Species of New Zealand Snails. 2017 , 7, 871-880		2
405	Nonalcoholic fatty liver disease impairs the cytochrome P-450-dependent metabolism of Tocopherol (vitamin E). 2017 , 47, 120-131		27

404	Lactobacillus rhamnosus ATCC 7469 exopolysaccharides synergizes with low level ionizing radiation to modulate signaling molecular targets in colorectal carcinogenesis in rats. 2017 , 92, 384-393	18
403	A multi-template multiplex PCR assay for hepatitis B virus and human β globin. 2017 , 89, 1944-1951	1
402	AMP-activated kinase and the endogenous endocannabinoid system might contribute to antinociceptive effects of prolonged moderate caloric restriction in mice. 2017 , 13, 1744806917703111	4
401	Protective effect of geraniin against carbon tetrachloride induced acute hepatotoxicity in Swiss albino mice. 2017 , 487, 62-67	18
400	Recurrent epigenetic silencing of the PTPRD tumor suppressor in laryngeal squamous cell carcinoma. 2017 , 39, 1010428317691427	9
399	Implications of nitrogen phloem loading for carbon metabolism and transport during Arabidopsis development. 2017 , 59, 409-421	19
398	miR-361-3p regulates FSH by targeting FSHB in a porcine anterior pituitary cell model. 2017 , 153, 341-349	14
397	Biological effects of iron oxide-protamine sulfate complex on mesenchymal stem cells and its relaxometry based labeling optimization for cellular MRI. 2017 , 351, 59-67	10
396	A molecular mechanism for IL-4 suppression of loricrin transcription in epidermal keratinocytes: implication for atopic dermatitis pathogenesis. 2017 , 23, 641-647	20
395	Gamma-irradiated β glucan modulates signaling molecular targets of hepatocellular carcinoma in rats. 2017 , 39, 1010428317708703	5
394	The behavioral and molecular evaluation of effects of social instability stress as a model of stress-related disorders in adult female rats. 2017 , 20, 549-561	11
393	Human hepatocyte growth factor inhibits early neointima formation in rabbit abdominal aortae following ultrasound-guided balloon injury. 2017 , 16, 5203-5210	2
392	A Nonredundant Phosphopantetheinyl Transferase, PptA, Is a Novel Antifungal Target That Directs Secondary Metabolite, Siderophore, and Lysine Biosynthesis in and Is Critical for Pathogenicity. 2017 , 8,	19
391	Improving Plant Nitrogen Use Efficiency through Alteration of Amino Acid Transport Processes. 2017 , 175, 235-247	91
390	Effects of early overnutrition on the renal response to Ang II and expression of RAAS components in rat renal tissue. 2017 , 27, 930-937	4
389	Combined deletion and DNA methylation result in silencing of FAM107A gene in laryngeal tumors. <i>Scientific Reports</i> , 2017 , 7, 5386	4.9 12
388	FMR1 and AKT/mTOR signalling pathways: potential functional interactions controlling folliculogenesis in human granulosa cells. 2017 , 35, 485-493	16
387	Molecular and phenotypic characterization of transgenic wheat and sorghum events expressing the barley alanine aminotransferase. 2017 , 246, 1097-1107	16

386	Environmental, population and life-stage plasticity in the visual system of Atlantic cod. 2018 , 221,		5
385	Genome-Scale Model and Omics Analysis of Metabolic Capacities of Reveal a Preferential Mucin-Degrading Lifestyle. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	99
384	Molecular detection of viral agents in free-ranging and captive neotropical felids in Brazil. 2017 , 29, 660-668		4
383	Selenium nanoparticles with low-level ionizing radiation exposure ameliorate nicotine-induced inflammatory impairment in rat kidney. 2017 , 24, 19980-19989		8
382	Significance of CD47 expression in gastric cancer. 2017 , 14, 801-809		12
381	Specifying RNA-Binding Regions in Proteins by Peptide Cross-Linking and Affinity Purification. 2017 , 16, 2762-2772		21
380	Effects of dietary polyvinylchloride microparticles on general health, immune status and expression of several genes related to stress in gilthead seabream (<i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , 2017 , 68, 251-259	4.3	80
379	Gestational Hypothyroxinemia Imprints a Switch in the Capacity of Astrocytes and Microglial Cells of the Offspring to React in Inflammation. 2018 , 55, 4373-4387		4
378	Early monitoring and quantitative evaluation of macrophage infiltration after experimental traumatic brain injury: A magnetic resonance imaging and flow cytometric analysis. 2017 , 78, 25-34		25
377	Induction of expression of aryl hydrocarbon receptor-dependent genes in human HepaRG cell line modified by shRNA and treated with β naphthoflavone. 2017 , 425, 59-75		23
376	Early detection of whole body radiation induced microstructural and neuroinflammatory changes in hippocampus: A diffusion tensor imaging and gene expression study. 2017 , 95, 1067-1078		9
375	Transcriptome profiling of NIH3T3 cell lines expressing opsin and the P23H opsin mutant identifies candidate drugs for the treatment of retinitis pigmentosa. 2017 , 115, 1-13		6
374	DNA Extraction Methods in Forensic Analysis. 2017 , 1-18		4
373	RNA Isolation Strategies. 2017 , 75-115		2
372	RNA-Seq Comparison of Larval and Adult Malpighian Tubules of the Yellow Fever Mosquito Reveals Life Stage-Specific Changes in Renal Function. 2017 , 8, 283		16
371	Preparation of A Spaceflight: Apoptosis Search in Sutured Wound Healing Models. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
370	R-Flurbiprofen Traps Prostaglandins within Cells by Inhibition of Multidrug Resistance-Associated Protein-4. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	4
369	Transcriptome-Based Modeling Reveals that Oxidative Stress Induces Modulation of the AtfA-Dependent Signaling Networks in. 2017 , 2017, 6923849		10

368	Alleviates Ethanol-Induced Injury on Gastric Epithelial Cells via Downregulation of the NF-κB Signaling Pathway. 2017 , 2017, 7395032		8
367	The pathogens profile in children with otitis media with effusion and adenoid hypertrophy. <i>PLoS ONE</i> , 2017 , 12, e0171049	3-7	45
366	Positive regulatory interactions between YAP and Hedgehog signalling in skin homeostasis and BCC development in mouse skin in vivo. <i>PLoS ONE</i> , 2017 , 12, e0183178	3-7	17
365	Neuro-protective effect of rutin against Cisplatin-induced neurotoxic rat model. 2017 , 17, 472		38
364	Isolation and characterization of human articular chondrocytes from surgical waste after total knee arthroplasty (TKA). 2017 , 5, e3079		20
363	Minimum inhibitory concentration of Brazilian <i>Brachyspira hyodysenteriae</i> strains. 2017 , 37, 331-338		6
362	A novel passerivirus (family Picornaviridae) in an outbreak of enteritis with high mortality in estrildid finches (<i>Uraeginthus</i> sp.). 2018 , 163, 1063-1071		5
361	Deciphering the trophic interaction between <i>Akkermansia muciniphila</i> and the butyrogenic gut commensal <i>Anaerostipes caccae</i> using a metatranscriptomic approach. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 859-873	2-1	54
360	The Protective Effects of IGF-I against Amyloid-related Downregulation of Hippocampal Somatostatinergic System Involve Activation of Akt and Protein Kinase A. 2018 , 374, 104-118		6
359	15-epi-Lipoxin A, Resolvin D2, and Resolvin D3 Induce NF-κB Regulators in Bacterial Pneumonia. 2018 , 200, 2757-2766		44
358	Data on social transmission of food preference in a model of autism induced by valproic acid and translational analysis of circulating microRNA. 2018 , 18, 1433-1440		2
357	High level efficacy of lufenuron against sea lice (<i>Lepeophtheirus salmonis</i>) linked to rapid impact on moulting processes. 2018 , 8, 174-188		14
356	hTERT gene knockdown enhances response to radio- and chemotherapy in head and neck cancer cell lines through a DNA damage pathway modification. <i>Scientific Reports</i> , 2018 , 8, 5949	4-9	7
355	Hyperthermia-mediated drug delivery induces biological effects at the tumor and molecular levels that improve cisplatin efficacy in triple negative breast cancer. 2018 , 282, 35-45		22
354	Shifts in the relationship between mRNA and protein abundance of gill ion-transporters during smolt development and seawater acclimation in Atlantic salmon (<i>Salmo salar</i>). 2018 , 221, 63-73		8
353	Cyclin dependent kinase inhibitor 2A/B gene deletions are markers of poor prognosis in Indian children with acute lymphoblastic leukemia. 2018 , 65, e27001		10
352	Needle biopsy of the hepatopancreas of the black tiger shrimp <i>Penaeus monodon</i> with <i>Penaeus monodon</i> densovirus detection. 2018 , 490, 1-4		3
351	Molecular characterization of fowl adenovirus group I in commercial broiler chickens in Brazil. 2018 , 29, 83-88		7

350	Contribution of MLH1 constitutional methylation for Lynch syndrome diagnosis in patients with tumor MLH1 downregulation. 2018 , 7, 433-444	18
349	Molecular characterization and gene expression patterns of retinoid receptors, in normal and regenerating tissues of the sea cucumber, <i>Holothuria glaberrima</i> . 2018 , 654, 23-35	4
348	Inhibitory effect of a reproductive-related serpin on sperm trypsin-like activity implicates its role in sperm maturation of <i>Penaeus monodon</i> . 2018 , 85, 205-214	8
347	Real-Time In-Cell Nuclear Magnetic Resonance: Ribosome-Targeted Antibiotics Modulate Quinary Protein Interactions. 2018 , 57, 540-546	26
346	A Single-Step Method for the Simultaneous Preparation of DNA, RNA, and Protein from Cells and Tissues. 2018 , 2018,	5
345	Co-extraction of genomic DNA & total RNA from recalcitrant woody tissues for next-generation sequencing studies. 2018 , 4, FSO309	4
344	Messenger RNA biomarker signatures for forensic body fluid identification revealed by targeted RNA sequencing. 2018 , 34, 206-221	42
343	Effect of Pomegranate Juice on Intestinal Recovery Following Methotrexate-Induced Intestinal Damage in a Rat Model. 2018 , 37, 406-414	5
342	An OX40/OX40L interaction directs successful immunity to hepatitis B virus. 2018 , 10,	24
341	A novel nano-immunoassay method for quantification of proteins from CD138-purified myeloma cells: biological and clinical utility. 2018 , 103, 880-889	8
340	The increase in fiber size in male rat gastrocnemius after chronic central leptin infusion is related to activation of insulin signaling. 2018 , 470, 48-59	7
339	The CCAAT box in the proximal SERCA2 gene promoter regulates basal and stress-induced transcription in cardiomyocytes. 2018 , 442, 19-28	2
338	Construction of genetic transformation system of <i>Salix mongolica</i> : in vitro leaf-based callus induction, adventitious buds differentiation, and plant regeneration. 2018 , 132, 213-217	6
337	Effect of High Hydrostatic Pressure Applied Before Cryopreservation on the Survival Rate and Quality of Porcine Mesenchymal Stem Cells After Thawing. 2018 , 29, 283-292	1
336	Low occurrence of equine herpesvirus 1 (EHV-1) as cause of abortion and perinatal mortality in Brazil. <i>Arquivos Do Instituto Biologico</i> , 2018 , 85,	1.6 1
335	A sample preparation workflow for adipose tissue shotgun proteomics and proteogenomics. 2018 , 7,	7
334	Molecular Diagnostic of Chicken Parvovirus (ChPV) Affecting Broiler Flocks in Ecuador. 2018 , 20, 643-650	3
333	Proteogenomic Analyses of Cellular Lysates Using a Phenol-Guanidinium Thiocyanate Reagent. 2019 , 18, 301-308	7

332	Patterns of avian haemosporidian infections vary with time, but not habitat, in a fragmented Neotropical landscape. <i>PLoS ONE</i> , 2018 , 13, e0206493	3.7	16
331	CPP-Ts: a new intracellular calcium channel modulator and a promising tool for drug delivery in cancer cells. <i>Scientific Reports</i> , 2018 , 8, 14739	4.9	12
330	Direct RNA Sequencing of the Coding Complete Influenza A Virus Genome. <i>Scientific Reports</i> , 2018 , 8, 14408	4.9	72
329	Immunomodulation of IL-1, IL-6 and IL-8 cytokines by alkaloids during bovine sub-clinical mastitis. 2018 , 8, 409		8
328	Coordinated Biosynthesis of the Purine Nucleoside Antibiotics Aristeromycin and Coformycin in Actinomycetes. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	8
327	Blankaartia sinnamaryi (Trombidiformes: Trombiculidae) parasitizing birds in southeastern Brazil, with notes on Rickettsia detection. 2018 , 27, 354-362		2
326	Inducible developmental reprogramming redefines commitment to sexual development in the malaria parasite Plasmodium berghei. 2018 , 3, 1206-1213		43
325	Physiological background of the remarkably high Cd tolerance of the Aspergillus fumigatus Af293 strain. 2018 , 58, 957-967		6
324	Development of a qPCR for the detection of infectious laryngotracheitis virus (ILTV) based on the gE gene. 2018 , 59, 402-407		2
323	Human plasma and serum extracellular small RNA reference profiles and their clinical utility. 2018 , 115, E5334-E5343		85
322	Stichodactyla helianthus' de novo transcriptome assembly: Discovery of a new actinoporin isoform. 2018 , 150, 105-114		16
321	Effects of dietary inclusion of Moringa oleifera leaves on growth and some systemic and mucosal immune parameters of seabream. 2018 , 44, 1223-1240		27
320	APE1/Ref-1 redox function contributes to inflammatory pain sensitization. 2018 , 307, 1-11		8
319	Fetal tracheal occlusion in mice: a novel transuterine method. 2018 , 229, 311-315		6
318	Differentially Expressed Genes in Response to Iron Availability. 2018 , 9, 1430		4
317	Establishing normal metabolism and differentiation in hepatocellular carcinoma cells by culturing in adult human serum. <i>Scientific Reports</i> , 2018 , 8, 11685	4.9	8
316	Developmental prefrontal mRNA expression of D2 dopamine receptor splice variants and working memory impairments in rats after early life Interleukin-1 β elevation. 2018 , 155, 231-238		
315	CHLORIDE CHANNEL 1 promotes drought tolerance in rice, leading to increased grain yield. 2018 , 12, 283-293		9

314	FMR1 expression in human granulosa cells increases with exon 1 CGG repeat length depending on ovarian reserve. 2018 , 16, 65		12
313	Additional oxidative stress reroutes the global response of <i>Aspergillus fumigatus</i> to iron depletion. <i>BMC Genomics</i> , 2018 , 19, 357	4.5	23
312	Deleterious Interaction Between Honeybees (<i>Apis mellifera</i>) and its Microsporidian Intracellular Parasite <i>Nosema ceranae</i> Was Mitigated by Administrating Either Endogenous or Allochthonous Gut Microbiota Strains. 2018 , 6,		29
311	Honey Bee Survival and Pathogen Prevalence: From the Perspective of Landscape and Exposure to Pesticides. 2018 , 9,		27
310	A Blood-based Test for the Detection of ROS1 and RET Fusion Transcripts from Circulating Ribonucleic Acid Using Digital Polymerase Chain Reaction. 2018 ,		2
309	Collection and Processing of Lymph Nodes from Large Animals for RNA Analysis: Preparing for Lymph Node Transcriptomic Studies of Large Animal Species. 2018 ,		
308	Total RNA Isolation from Planarian Tissues. <i>Methods in Molecular Biology</i> , 2018 , 1774, 259-265	1.4	1
307	Physiological and Transcriptional Responses of <i>Candida parapsilosis</i> to Exogenous Tyrosol. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	15
306	Carbohydrate and PepO control bimodality in competence development by <i>Streptococcus mutans</i> . 2019 , 112, 1388-1402		8
305	Functional Analysis of Genes Involved in Glycerolipids Biosynthesis (and) in Pigs. <i>Animals</i> , 2019 , 9,	3.1	2
304	The Blood and Muscle Expression Pattern of the Equine Gene during the Race Track Training of Arabian Horses. <i>Animals</i> , 2019 , 9,	3.1	1
303	Expression of pluripotency-related genes is highly dependent on trichostatin A-assisted epigenomic modulation of porcine mesenchymal stem cells analysed for apoptosis and subsequently used for generating cloned embryos. 2019 , 90, 1127-1141		15
302	A seminested RT-PCR for molecular genotyping of the Brazilian BR-I Infectious Bronchitis Virus Strain (GI-11). 2019 , 47, 101426		4
301	Fasting prevents hypoxia-induced defects of proteostasis in <i>C. elegans</i> . 2019 , 15, e1008242		4
300	Skeletal Muscle Constructs Engineered from Human Embryonic Stem Cell Derived Myogenic Progenitors Exhibit Enhanced Contractile Forces When Differentiated in a Medium Containing EGM-2 Supplements. 2019 , 3, e1900005		3
299	dsRNA-Seq: Identification of Viral Infection by Purifying and Sequencing dsRNA. 2019 , 11,		13
298	RNA-seq reveals disruption of gene regulation when honey bees are caged and deprived of hive conditions. 2019 , 222,		3
297	Uptake of exogenous bovine GHβmKate2 expression vector by rams spermatozoa. 2019 , 43,		

296	Momordica charantia reverses type II diabetes in rat. 2019 , 43, e13021		11
295	Glomerular Collagen Deposition and Lipocalin-2 Expression Are Early Signs of Renal Injury in Prediabetic Obese Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
294	Both diet and Helicobacter pylori infection contribute to atherosclerosis in pre- and postmenopausal cynomolgus monkeys. <i>PLoS ONE</i> , 2019 , 14, e0222001	3.7	4
293	Over-expression of miR-34c leads to early-life visceral fat accumulation and insulin resistance. <i>Scientific Reports</i> , 2019 , 9, 13844	4.9	4
292	Expression of ELF1, a lymphoid ETS domain-containing transcription factor, is recurrently lost in classical Hodgkin lymphoma. 2019 , 185, 79-88		4
291	A fast and cost-effective microsampling protocol incorporating reduced animal usage for time-series transcriptomics in rodent malaria parasites. 2019 , 18, 26		5
290	The ezh2(sa1199) mutant zebrafish display no distinct phenotype. <i>PLoS ONE</i> , 2019 , 14, e0210217	3.7	5
289	Carnitine Supplementation Attenuates Sunitinib-Induced Inhibition of AMP-Activated Protein Kinase Downstream Signals in Cardiac Tissues. 2019 , 19, 344-356		4
288	Delivery of maize mosaic virus to planthopper vectors by microinjection increases infection efficiency and facilitates functional genomics experiments in the vector. 2019 , 270, 153-162		6
287	Expression of Serpin Peptidase Inhibitor B2 (SERPINB2) is regulated by Aryl hydrocarbon receptor (AhR). 2019 , 309, 108700		2
286	CircRNA expression profile of bovine placentas in late gestation with aberrant SCNT fetus. 2019 , 33, e22918		2
285	Biologic Characteristics of Shoulder Articular Cartilage in Comparison to Knee and Ankle Articular Cartilage From Individual Donors. 2021 , 12, 456-467		3
284	Enhanced phosphorylation of AMPK by lutein and oxidised lutein that lead to mitochondrial biogenesis in hyperglycemic HepG2 cells. 2019 , 120, 15255-15267		6
283	Effects of vitamin A and vitamin E on attenuation of titanium dioxide nanoparticles-induced toxicity in the liver of male Wistar rats. <i>Molecular Biology Reports</i> , 2019 , 46, 2919-2932	2.8	17
282	Sea lice, <i>Lepeophtheirus salmonis</i> (Krøyer 1837), infected Atlantic salmon (<i>Salmo salar</i> L.) are more susceptible to infectious salmon anemia virus. <i>PLoS ONE</i> , 2019 , 14, e0209178	3.7	27
281	A novel invertebrate toll-like receptor is involved in TLR mediated signal pathway of thick shell mussel <i>Mytilus coruscus</i> . 2019 , 97, 11-19		11
280	The effects of pH and salts on nucleic acid partitioning during phenol extraction. 2019 , 38, 305-320		3
279	Molecular Methods for Research on Actinorhiza. 2019 , 35-59		3

278	Increased expression of Toll-like receptors 2, 3, 4 and 7 mRNA in the kidney and intestine of a septic mouse model. <i>Scientific Reports</i> , 2019 , 9, 4010	4.9	10
277	Dermatitis in humans caused by <i>Ornithonyssus bursa</i> (Berlese 1888) (Mesostigmata: Macronyssidae) and new records from Brazil. 2019 , 28, 134-139		8
276	Butyric acid as a promising alternative to antibiotic growth promoters in broiler chicken production. 2019 , 157, 55-62		2
275	Improvement in inflammation is associated with the protective effect of Gly-Pro-Glu and cyclopropylglycine against A β -induced depletion of the hippocampal somatostatinergic system. 2019 , 151, 112-126		6
274	A review of direct polymerase chain reaction of DNA and RNA for forensic purposes. 2019 , e1335		6
273	A novel invertebrate toll-like receptor with broad recognition spectrum from thick shell mussel <i>Mytilus coruscus</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 89, 132-140	4.3	7
272	Biological activity of <i>Echinops spinosus</i> on inhibition of paracetamol-induced renal inflammation. 2019 , 97, 176-186		3
271	Opposite fates of the purine metabolite allantoin under water and nitrogen limitations in bread wheat. 2019 , 99, 477-497		22
270	Significance of methylation status of MASPIN gene and its protein expression in prognosis of gallbladder cancer. 2019 , 15, e120-e125		4
269	<i>Ixodes ricinus</i> infesting snakes: Insights on a new tick-host association in a <i>Borrelia burgdorferi</i> sensu lato endemic area. 2019 , 193, 35-37		2
268	Parasympathetic Effect Induces Cell Cycle Activation in Upper Limbs of Paraplegic Patients with Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
267	Rotavirus symptomatic infection among unvaccinated and vaccinated children in Valencia, Spain. 2019 , 19, 998		3
266	Ceftriaxone Treatment Affects EAAT2 Expression and Glutamatergic Neurotransmission and Exerts a Weak Anticonvulsant Effect in Young Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
265	Optimized protocol for DNA/RNA co-extraction from adults of. 2019 , 6, 2601-2605		2
264	Drought stress and re-watering affect the abundance of TIP aquaporin transcripts in barley. <i>PLoS ONE</i> , 2019 , 14, e0226423	3.7	14
263	Evidence of occurring alfalfa mosaic virus in potato plants in Assam, India. 2019 , 30, 571-573		1
262	Development of a high-throughput screen to identify small molecule enhancers of sarcospan for the treatment of Duchenne muscular dystrophy. 2019 , 9, 32		5
261	Isolation of Open Chromatin Identifies Regulators of Systemic Acquired Resistance. 2019 , 181, 817-833		13

260	Isolation of High-Quality RNA from <i>Pichia pastoris</i> . 2019 , 98, e101	1
259	Eco-epidemiology of the Venezuelan equine encephalitis virus in bats of Córdoba and Sucre, Colombia. 2019 , 191, 178-184	6
258	Avian haemosporidian infections in rufous-collared sparrows in an Andean dry forest: diversity and factors related to prevalence and parasitaemia. 2019 , 146, 765-773	6
257	Characterization of plasma fibronectin for migration, proliferation, and differentiation on human articular chondrocytes. 2019 , 13, 537-545	1
256	Forkhead box protein O1 (FoxO1) regulates hepatic serine protease inhibitor B1 (serpinB1) expression in a non-cell-autonomous fashion. 2019 , 294, 1059-1069	6
255	Beneficial Effects of an Aged Black Garlic Extract in the Metabolic and Vascular Alterations Induced by a High Fat/Sucrose Diet in Male Rats. 2019 , 11,	21
254	<i>Borrelia burgdorferi</i> (sensu lato) in ectoparasites and reptiles in southern Italy. 2019 , 12, 35	25
253	Circulating <i>Leptospira</i> species identified in cattle of the Brazilian Amazon. 2019 , 191, 212-216	15
252	Avermectin treatment for <i>Lepeophtheirus salmonis</i> : Impacts on host (<i>Salmo salar</i>) and parasite immunophysiology. 2019 , 501, 488-501	8
251	Mitochondrial impairment following neonatal overfeeding: A comparison between normal and ischemic-reperfused hearts. 2018 , 120, 7341	3
250	ErbB4 point mutation in CU3 inbred rats affects gonadotropin-releasing-hormone neuronal function via compromised neuregulin-stimulated prostaglandin E2 release from astrocytes. 2019 , 67, 309-320	3
249	Identification of genes involved in steroid alkaloid biosynthesis in <i>Fritillaria imperialis</i> via de novo transcriptomics. 2019 , 111, 1360-1372	5
248	Physiological and brain alterations produced by high-fat diet in male and female rats can be modulated by increased levels of estradiol during critical periods of development. 2019 , 22, 29-39	9
247	Proliferation, Migration, and ECM Formation Potential of Human Annulus Fibrosus Cells Is Independent of Degeneration Status. 2020 , 11, 192-202	11
246	Renoprotective Effects of Alpha Lipoic Acid on Iron Overload-Induced Kidney Injury in Rats by Suppressing NADPH Oxidase 4 and p38 MAPK Signaling. 2020 , 193, 483-493	12
245	Cloning and expression analysis of the follicle-stimulating hormone receptor (FSHR) gene in the reproductive axis of female yaks (<i>Bos grunniens</i>). 2020 , 70, 106383	4
244	Loss of Imprinting in Human Placentas Is Widespread, Coordinated, and Predicts Birth Phenotypes. 2020 , 37, 429-441	5
243	Copy number gains of the putative CRKL oncogene in laryngeal squamous cell carcinoma result in strong nuclear expression of the protein and influence cell proliferation and migration. <i>Scientific Reports</i> , 2020 , 10, 24	4.9 3

242	A pantothenate kinase-deficient mouse model reveals a gene expression program associated with brain coenzyme a reduction. 2020 , 1866, 165663	13
241	Physiological traits and anatomic structures of the seed for two short cotton season genotypes (<i>Gossypium hirsutum</i> L.) under water stress. 2020 , 19, 89-98	2
240	In silico identification of immunotherapeutic and diagnostic targets in the glycosylphosphatidylinositol metabolism of the coccidian <i>Sarcocystis aucheniae</i> . 2020 , 67 Suppl 2, 165-174	2
239	Discovery and Validation of Urinary Molecular Signature of Early Sepsis. 2020 , 2, e0195	5
238	LALLT (Loxosceles Allergen-Like Toxin) from the venom of <i>Loxosceles intermedia</i> : Recombinant expression in insect cells and characterization as a molecule with allergenic properties. 2020 , 164, 3984-3999	5
237	"Rapid actions of the neurosteroid allopregnanolone on ovarian and hypothalamic steroidogenesis: Central and peripheral modulation". 2020 , 32, e12836	1
236	The Protective Effects of Vitamins A and E on Titanium Dioxide Nanoparticles (nTiO ₂)-Induced Oxidative Stress in the Spleen Tissues of Male Wistar Rats. 2021 , 199, 3677-3687	6
235	A Multi-Omics Protocol for Swine Feces to Elucidate Longitudinal Dynamics in Microbiome Structure and Function. 2020 , 8,	3
234	Qualifying Osteogenic Potency Assay Metrics for Human Multipotent Stromal Cells: TGF- β a Telling Eligible Biomarker. 2020 , 9,	2
233	FvatfA regulates growth, stress tolerance as well as mycotoxin and pigment productions in <i>Fusarium verticillioides</i> . 2020 , 104, 7879-7899	10
232	Molecular diversity of in dogs and cats in Colombia. 2020 , 6, e04381	3
231	Reference Gene Validation in the Brain Regions of Young Rats after Pentylentetrazole-Induced Seizures. <i>Biomedicines</i> , 2020 , 8,	4.8 3
230	The Tumor Suppressive mir-148a Is Epigenetically Inactivated in Classical Hodgkin Lymphoma. 2020 , 9,	2
229	A new tool for early diagnosis of rheumatoid arthritis using combined biomarkers; synovial MAGE-1 mRNA and serum anti-CCP and RF. 2020 , 36, 270	3
228	Molecular Characterization of a Novel Shell Matrix Protein With PDZ Domain From. 2020 , 11, 543758	
227	Cu transporter protein CrpF protects against Cu-induced toxicity in. 2020 , 11, 1108-1121	3
226	Modulation of ERG Genes Expression in Clinical Isolates of <i>Candida tropicalis</i> Susceptible and Resistant to Fluconazole and Itraconazole. 2020 , 185, 675-684	3
225	SUT1.1 is a high affinity sucrose-proton co-transporter. 2020 , 4, e00260	2

224	High-throughput screening identifies modulators of sarcospan that stabilize muscle cells and exhibit activity in the mouse model of Duchenne muscular dystrophy. 2020 , 10, 26	2
223	An optimized step-by-step protocol for isolation of nucleus pulposus, annulus fibrosus, and end plate cells from the mouse intervertebral discs and subsequent preparation of high-quality intact total RNA. 2020 , 3, e1108	0
222	Transungual Delivery, Anti-Inflammatory Activity, and In Vivo Assessment of a Cyclodextrin Polypseudorotaxanes Nail Lacquer. 2020 , 12,	1
221	Alpha lipoic acid attenuates iron induced oxidative acute kidney injury in rats. 2021 , 96, 409-417	4
220	Patterns of Toll-Like Receptor Expressions and Inflammatory Cytokine Levels and Their Implications in the Progress of Insulin Resistance and Diabetic Nephropathy in Type 2 Diabetic Patients. 2020 , 11, 609223	7
219	Supplementation of <i>Aspergillus glaucus</i> with <i>gfdB</i> gene encoding a glycerol 3-phosphate dehydrogenase in <i>Aspergillus nidulans</i> . 2020 , 60, 691-698	0
218	A Mixture of Algae and Extra Virgin Olive Oils Attenuates the Cardiometabolic Alterations Associated with Aging in Male Wistar Rats. 2020 , 9,	5
217	Analysis of the Level of Plasmid-Derived mRNA in the Presence of Residual Plasmid DNA by Two-Step Quantitative RT-PCR. 2020 , 3,	
216	Oleanolic acid induces a dual agonist action on PPAR α and GLUT4 translocation: A pentacyclic triterpene for dyslipidemia and type 2 diabetes. 2020 , 883, 173252	15
215	Vaccination with gamma radiation-attenuated protects against ovarian infiltration in mice-bearing Ehrlich ascites carcinoma. 2020 , 96, 814-822	1
214	Deletion analysis of the itaconic acid biosynthesis gene cluster components in <i>Aspergillus pseudoterreus</i> ATCC32359. 2020 , 104, 3981-3992	3
213	Samarium enriches antitumor activity of ZnO nanoparticles via downregulation of CXCR4 receptor and cytochrome P450. 2020 , 42, 1010428320909999	6
212	Additional feeding of vitamin α mineral-based nutraceutical to stress-exposed rohu, <i>Labeo rohita</i> , enhances the IGF-1 gene expression and growth. 2020 , 51, 2649-2666	5
211	Using Direct RNA Nanopore Sequencing to Deconvolute Viral Transcriptomes. 2020 , 57, e99	5
210	Confers Obesity Resistance and Restores Intestinal Barrier Integrity in Leptin-deficient Obese Mice. 2020 , 12,	4
209	Effect of beta- and alpha-glucans on immune modulating factors expression in enterocyte-like Caco-2 and goblet-like LS 174T cells. 2020 , 153, 600-607	6
208	Methyl Jasmonate Affects Photosynthesis Efficiency, Expression of Genes and Nitrogen Homeostasis in Barley. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3 7
207	Overfeeding During Lactation in Rats is Associated with Cardiovascular Insulin Resistance in the Short-Term. 2020 , 12,	2

206	Milk fermented with R0011 induces a regulatory cytokine profile in LPS-challenged U937 and THP-1 macrophages. 2020 , 3, 51-58		3
205	Germline Variants in Driver Genes of Breast Cancer and Their Association with Familial and Early-Onset Breast Cancer Risk in a Chilean Population. 2020 , 12,		0
204	A Theophylline-Responsive Riboswitch Regulates Expression of Nuclear-Encoded Genes. 2020 , 182, 123-135		10
203	" <i>Desulfobulbus rimicarensis</i> ," an Uncultivated Deltaproteobacterial Epibiont from the Deep-Sea Hydrothermal Vent Shrimp. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	9
202	Intact ribosomes drive the formation of protein quinary structure. <i>PLoS ONE</i> , 2020 , 15, e0232015	3.7	5
201	Supplementation with a Carob (L.) Fruit Extract Attenuates the Cardiometabolic Alterations Associated with Metabolic Syndrome in Mice. 2020 , 9,		3
200	Disruption of carotene biosynthesis leads to abnormal plastids and variegated leaves in <i>Brassica napus</i> . 2020 , 295, 981-999		2
199	A Point Mutation in <i>Is</i> Involved in the Emergence of Polymyxin B-Sensitive <i>Vibrio cholerae</i> O1 El Tor Biotype by Influencing Gene Transcription. 2020 , 88,		6
198	BIOANALYSIS AND BIOTRANSFORMATION OF OLIGONUCLEOTIDE THERAPEUTICS BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. 2021 , 40, 334-358		13
197	Hydrogen peroxide treatment and its impacts on <i>Lepeophtheirus salmonis</i> originating from the Bay of Fundy, Canada. 2021 , 44, 757-769		
196	Dietary <i>Houttuynia cordata</i> leaf extract and meal enhances the immunity and expression of immune genes in <i>Labeo rohita</i> (Hamilton, 1822). 2021 , 52, 381-394		1
195	Priming for enhanced ARGONAUTE2 activation accompanies induced resistance to cucumber mosaic virus in <i>Arabidopsis thaliana</i> . 2021 , 22, 19-30		4
194	Alpha-lipoic acid alleviates colistin nephrotoxicity in rats. 2021 , 40, 761-771		5
193	Morphological and genetic characteristics of the novel entomopathogenic fungus <i>Ophiocordyceps langbianensis</i> (Ophiocordycipitaceae, Hypocreales) from Lang Biang Biosphere Reserve, Vietnam. <i>Scientific Reports</i> , 2021 , 11, 1412	4.9	0
192	Role of reptiles and associated arthropods in the epidemiology of rickettsioses: A one health paradigm. 2021 , 15, e0009090		14
191	Transuterine Fetal Tracheal Occlusion Model in Mice. 2021 ,		1
190	Integrative Analysis of MicroRNA and mRNA Sequencing Data Identifies Novel Candidate Genes and Pathways for Developmental Dysplasia of Hip. 2021 , 1947603521990859		0
189	Transforming Growth Factor- β and Receptor for Advanced Glycation End Products Gene Expression and Protein Levels in Adolescents with Type 1 diabetes Mellitus. 2021 , 13, 61-71		1

188	Greater liver PNPLA3 protein abundance in vivo and in vitro supports lower triglyceride accumulation in dairy cows. <i>Scientific Reports</i> , 2021 , 11, 2839	4.9	3
187	A Point Mutation in the Transcriptional Repressor PerR Results in a Constitutive Oxidative Stress Response in <i>Clostridioides difficile</i> 630. 2021 , 6,		4
186	Leptin Modulates the Response of Brown Adipose Tissue to Negative Energy Balance: Implication of the GH/IGF-I Axis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
185	Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. 2020 , 11, 595471		2
184	Cerebral Insulin Bolus Revokes the Changes in Hepatic Lipid Metabolism Induced by Chronic Central Leptin Infusion. 2021 , 10,		2
183	Quantitative nucleotide resolution profiling of RNA cytidine acetylation by ac4C-seq. 2021 , 16, 2286-2307		5
182	Dulaglutide Alone and in Combination with Empagliflozin Attenuate Inflammatory Pathways and Microbiome Dysbiosis in a Non-Diabetic Mouse Model of NASH. <i>Biomedicines</i> , 2021 , 9,	4.8	4
181	Olive leaf extract supplementation improves the vascular and metabolic alterations associated with aging in Wistar rats. <i>Scientific Reports</i> , 2021 , 11, 8188	4.9	2
180	Large-Scale Gene Expression Signatures Reveal a Microbicidal Pattern of Activation in -Infected Monocyte-Derived Macrophages With Low Multiplicity of Infection. 2021 , 12, 647832		4
179	Assessing Various Control Samples for Microarray Gene Expression Profiling of Laryngeal Squamous Cell Carcinoma. 2021 , 11,		0
178	The DUG Pathway Governs Degradation of Intracellular Glutathione in <i>Aspergillus nidulans</i> . <i>Applied and Environmental Microbiology</i> , 2021 , 87,	4.8	2
177	Anti-Cancer and Immunomodulatory Activity of a Polyethylene Glycol-Betulinic Acid Conjugate on Pancreatic Cancer Cells. 2021 , 11,		0
176	Effects of subcutaneous injection of β -Earrageenin on the immune and liver antioxidant status of gilthead seabream (<i>Sparus aurata</i>). 2021 , 44, 1449-1462		2
175	Olive Leaf Extract Supplementation to Old Wistar Rats Attenuates Aging-Induced Sarcopenia and Increases Insulin Sensitivity in Adipose Tissue and Skeletal Muscle. 2021 , 10,		2
174	Deregulated miRNAs Contribute to Silencing of B-Cell Specific Transcription Factors and Activation of NF- κ B in Classical Hodgkin Lymphoma. 2021 , 13,		0
173	The N-Formyl Peptide Receptor 2 (FPR2) Agonist MR-39 Exhibits Anti-Inflammatory Activity in LPS-Stimulated Organotypic Hippocampal Cultures. 2021 , 10,		2
172	Chloroplast relocation movement in the liverwort <i>Apocellia endiviifolia</i> . 2021 , 173, 775-787		3
171	A Continuous Battle for Host-Derived Glycans Between a Mucus Specialist and a Glycan Generalist and. 2021 , 12, 632454		8

170	Addition of Olive Leaf Extract to a Mixture of Algae and Extra Virgin Olive Oils Decreases Fatty Acid Oxidation and Synergically Attenuates Age-Induced Hypertension, Sarcopenia and Insulin Resistance in Rats. 2021 , 10,		2
169	An illuminated respiratory activity monitoring system identifies priming-active compounds in plant seedlings. 2021 , 21, 324		1
168	AtfA-Independent Adaptation to the Toxic Heavy Metal Cadmium in. 2021 , 9,		1
167	Evolutionary Implications of a Peroxidase with High Affinity for Cinnamyl Alcohols from , a Non-Vascular Plant. <i>Plants</i> , 2021 , 10,	4.5	1
166	Development of EQ-6, a Novel Analogue of Ethoxyquin to Prevent Chemotherapy-Induced Peripheral Neuropathy. 2021 , 18, 2061-2072		2
165	Loss of the MAF Transcription Factor in Laryngeal Squamous Cell Carcinoma. 2021 , 11,		0
164	Impact of Cell Culture and Copper Dose on Gene Expression in Bovine Liver. 2021 , 1		
163	Role of Methylation in () Transcription in the Context of the Presence or Absence of Light Signals: Natural and Chemical-Studies on the Pig Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
162	Molecular detection of Wolbachia endosymbiont in reptiles and their ectoparasites. 2021 , 120, 3255-3261		0
161	In silico and gene expression analysis of the acute inflammatory response of gilthead seabream (<i>Sparus aurata</i>) after subcutaneous administration of carrageenin. 2021 , 47, 1623-1643		2
160	A Rapid Pharmacogenomic Assay to Detect Polymorphisms and Guide Isoniazid Dosing for Tuberculosis Treatment. 2021 , 204, 1317-1326		3
159	and AKT/mTOR Signaling in Human Granulosa Cells: Functional Interaction and Impact on Ovarian Response. 2021 , 10,		3
158	Commensal-Related Changes in the Epidermal Barrier Function Lead to Alterations in the Benzo[<i>a</i>]Pyrene Metabolite Profile and Its Distribution in 3D Skin. 2021 , 12, e0122321		0
157	Livin/BIRC7 gene expression as a possible diagnostic biomarker for endometrial hyperplasia and carcinoma. 2021 , 19, 141		0
156	Implication of mucus-secreting cells, acidophilic granulocytes and monocytes/macrophages in the resolution of skin inflammation caused by subcutaneous injection of β -carrageenin to gilthead seabream (<i>Sparus aurata</i>) specimens. 2022 , 45, 19-33		2
155	Identification of Chicken Transglutaminase 1 and In Situ Localization of Transglutaminase Activity in Avian Skin and Esophagus. 2021 , 12,		2
154	Genetic changes involving the coral gastrovascular system support the transition between colonies and bailed-out polyps: evidence from a <i>Pocillopora acuta</i> transcriptome. <i>BMC Genomics</i> , 2021 , 22, 694	4.5	
153	Lrp1 is a host entry factor for Rift Valley fever virus. 2021 , 184, 5163-5178.e24		5

152	Transgenesis of mammalian PABP reveals mRNA polyadenylation as a general stress response mechanism in bacteria. 2021 , 24, 103119		1
151	Protocol optimization for simultaneous DNA and RNA co-extraction from single hard tick specimens. 2021 , 8, 101315		
150	Epidemiological and Genetic Characterization of Sapovirus in Patients with Acute Gastroenteritis in Valencia (Spain). 2021 , 13,		6
149	Direct comparison of 3D and 2D cultivation reveals higher osteogenic capacity of elderly osteoblasts in 3D. 2021 , 16, 13		4
148	Nucleic Acid Quantitation Using the Competitive Polymerase Chain Reaction. 2007 , 341-361		3
147	RNA Quantification Using Noble Metal Nanoprobes: Simultaneous Identification of Several Different mRNA Targets Using Color Multiplexing and Application to Chronic Myeloid Leukemia Diagnostics. <i>Methods in Molecular Biology</i> , 2020 , 2118, 251-268	1.4	0
146	Isolation of total RNA from <i>Neurospora</i> mycelium. <i>Methods in Molecular Biology</i> , 2007 , 362, 291-303	1.4	4
145	Protein blotting protocol for beginners. <i>Methods in Molecular Biology</i> , 2014 , 1099, 189-99	1.4	3
144	DNA Isolation Procedures. 2002 , 249-287		25
143	Simultaneous Isolation of Both Rna and DNA from Many Small Tissue Samples. 1997 , 48, 253-257		2
142	Type I procollagen COOH-terminal proteinase enhancer protein: identification, primary structure, and chromosomal localization of the cognate human gene (PCOLCE). 1994 , 269, 26280-26285		81
141	Method to measure apolipoprotein B-48 and B-100 secretion rates in an individual mouse: evidence for a very rapid turnover of VLDL and preferential removal of B-48- relative to B-100-containing lipoproteins.. 1996 , 37, 210-220		83
140	Pancreatic beta cells synthesize and secrete nerve growth factor. 1998 , 95, 7784-8		76
139	Gene loss, silencing and activation in a newly synthesized wheat allotetraploid. 2002 , 160, 1651-9		483
138	<i>Drosophila melanogaster</i> importin alpha1 and alpha3 can replace importin alpha2 during spermatogenesis but not oogenesis. 2002 , 161, 157-70		66
137	The <i>Drosophila melanogaster</i> importin alpha3 locus encodes an essential gene required for the development of both larval and adult tissues. 2003 , 165, 1943-58		28
136	Pancreatic reg gene expression is inhibited during cellular differentiation. 1997 , 225, 327-32		20
135	Characterization of the african swine fever virus protein p49: a new late structural polypeptide. 2000 , 81, 59-65		9

134	Incrimination of and as vectors of dengue virus serotypes 1, 2 and 3 from four states of Northeast India. 2020 , 2, acmi000101	1
133	Omega (ParB) binding sites together with the RNA polymerase-recognized sequence are essential for centromeric functions of the P β region in the partition system of pSM19035. 2016 , 162, 1114-1124	1
132	A Single-step Method for the Simultaneous Preparation of DNA, RNA, and Protein from Cells and Tissues. 2006 , 2006,	3
131	Interleukin-8 response of gastric epithelial cell lines to Helicobacter pylori stimulation in vitro. 1995 , 63, 1681-87	323
130	Human intestinal epithelial cells produce proinflammatory cytokines in response to infection in a SCID mouse-human intestinal xenograft model of amebiasis. 1997 , 65, 1631-9	123
129	Pathogenesis of tuberculosis in mice exposed to low and high doses of an environmental mycobacterial saprophyte before infection. 1997 , 65, 3317-27	116
128	Identification of a new strain of fastidious enterovirus 70 as the causative agent of an outbreak of hemorrhagic conjunctivitis. 1997 , 35, 2145-9	19
127	Detection of poliovirus circulation by environmental surveillance in the absence of clinical cases in Israel and the Palestinian authority. 1999 , 37, 1670-5	99
126	Isolation of DNA after extraction of RNA To detect the presence of Borrelia burgdorferi and expression of host cellular genes from the same tissue sample. 1999 , 37, 2087-9	1
125	Use of whole blood specimens for routine clinical quantitation of hepatitis C virus RNA does not increase assay sensitivity. 2000 , 38, 4326-31	18
124	Characterization of transgenic mice containing adenovirus early region 3 genomic DNA. 1994 , 68, 5871-81	19
123	Differential regulation of human papillomavirus type 6 and 11 early promoters in cultured cells derived from laryngeal papillomas. 1995 , 69, 6865-72	36
122	Large hepatitis delta antigen in packaging and replication inhibition: role of the carboxyl-terminal 19 amino acids and amino-terminal sequences. 1995 , 69, 5332-6	38
121	Role of the beta-chemokine receptors CCR3 and CCR5 in human immunodeficiency virus type 1 infection of monocytes and microglia. 1998 , 72, 3351-61	120
120	Human T-cell leukemia virus type 2 Rex protein increases stability and promotes nuclear to cytoplasmic transport of gag/pol and env RNAs. 1999 , 73, 8112-9	38
119	Sex-biased gene expression and evolution of candidate reproductive transcripts in adult stages of salmon lice (Lepeophtheirus salmonis). 2019 , 4, 254-274	1
118	Association of parvovirus B19 genome in children with myocarditis and cardiac allograft rejection: diagnosis using the polymerase chain reaction. 1997 , 96, 3549-54	109
117	Growth factor and cytokine-regulated hyaluronan-binding protein TSG-6 is localized to the injury-induced rat neointima and confers enhanced growth in vascular smooth muscle cells. 1997 , 81, 289-96	37

116	Abnormalities in hepatic lipase in chronic renal failure: role of excess parathyroid hormone. 1996 , 97, 2167-73		78
115	TGFbeta1 regulates gene expression of its own converting enzyme furin. 1997 , 99, 1974-83		100
114	Bone marrow transplantation reproduces the tristetraprolin-deficiency syndrome in recombination activating gene-2 (-/-) mice. Evidence that monocyte/macrophage progenitors may be responsible for TNFalpha overproduction. 1997 , 100, 986-95		118
113	Role of inducible nitric oxide synthase in regulation of pulmonary vascular tone in the late gestation ovine fetus. 1998 , 101, 15-21		55
112	A potential role for protease nexin 1 overexpression in the pathogenesis of scleroderma. 1999 , 103, 1179-90		36
111	HPV-related methylation signature predicts survival in oropharyngeal squamous cell carcinomas. 2013 , 123, 2488-501		87
110	BCR-ABL Transcripts in Bone Marrow Aspirates of Philadelphia-Negative Essential Thrombocythemia Patients: Clinical Presentation. 1997 , 90, 2768-2771		3
109	Identification and Characterization of a Large Effect QTL from <i>Oryza glumaepatula</i> Revealed Pi68(t) as Putative Candidate Gene for Rice Blast Resistance. 2020 , 13, 17		14
108	Regulation of rat cardiac myocyte growth by a neuronal factor secreted by PC12 cells. 1997 , 41, 832-41		3
107	Small intestinal disaccharidase activity and ileal villus height are increased in piglets consuming formula containing recombinant human insulin-like growth factor-I. 1997 , 42, 78-86		73
106	Expression and mapping of protein phosphatase 2A alpha in the developing rat heart. 1998 , 43, 68-76		5
105	T cell receptor repertoire diversity and clonal expansion in human neonates. 1998 , 43, 396-402		53
104	Xom: a <i>Xenopus</i> homeobox gene that mediates the early effects of BMP-4. 1996 , 122, 2385-2394		132
103	Does carboxy-hemoglobin serve as a stress-induced inflammatory marker reflecting surgical insults?. 2005 , 72, 19-28		5
102	Drug metabolism in human brain: high levels of cytochrome P4503A43 in brain and metabolism of anti-anxiety drug alprazolam to its active metabolite. <i>PLoS ONE</i> , 2008 , 3, e2337	3.7	51
101	Ocean acidification at high latitudes: potential effects on functioning of the Antarctic bivalve <i>Laternula elliptica</i> . <i>PLoS ONE</i> , 2011 , 6, e16069	3.7	120
100	Population density and seasonality effects on Sin Nombre virus transmission in North American deer mice (<i>Peromyscus maniculatus</i>) in outdoor enclosures. <i>PLoS ONE</i> , 2012 , 7, e37254	3.7	10
99	Dietary transforming growth factor-beta 2 (TGF- β 2) supplementation reduces methotrexate-induced intestinal mucosal injury in a rat. <i>PLoS ONE</i> , 2012 , 7, e45221	3.7	28

98	Postprandial apoE isoform and conformational changes associated with VLDL lipolysis products modulate monocyte inflammation. <i>PLoS ONE</i> , 2012 , 7, e50513	3-7	7
97	CD133: enhancement of bone healing by local transplantation of peripheral blood cells in a biologically delayed rat osteotomy model. <i>PLoS ONE</i> , 2013 , 8, e52650	3-7	8
96	The potential of metatranscriptomics for identifying screening targets for bacterial vaginosis. <i>PLoS ONE</i> , 2013 , 8, e76892	3-7	19
95	Superior in vitro stimulation of human CD8+ T-cells by whole virus versus split virus influenza vaccines. <i>PLoS ONE</i> , 2014 , 9, e103392	3-7	7
94	The role of Wnt/ β -catenin signaling in enterocyte turnover during methotrexate-induced intestinal mucositis in a rat. <i>PLoS ONE</i> , 2014 , 9, e110675	3-7	10
93	Urine/Plasma Neutrophil Gelatinase Associated Lipocalin Ratio Is a Sensitive and Specific Marker of Subclinical Acute Kidney Injury in Mice. <i>PLoS ONE</i> , 2016 , 11, e0148043	3-7	25
92	Are PECTIN ESTERASE INHIBITOR Genes Involved in Mediating Resistance to Rhynchosporium commune in Barley?. <i>PLoS ONE</i> , 2016 , 11, e0150485	3-7	14
91	RAGE and TGF- β Cross-Talk Regulate Extracellular Matrix Turnover and Cytokine Synthesis in AGEs Exposed Fibroblast Cells. <i>PLoS ONE</i> , 2016 , 11, e0152376	3-7	42
90	DEclust: A statistical approach for obtaining differential expression profiles of multiple conditions. <i>PLoS ONE</i> , 2017 , 12, e0188285	3-7	6
89	A defect in the inner kinetochore protein CENPT causes a new syndrome of severe growth failure. <i>PLoS ONE</i> , 2017 , 12, e0189324	3-7	6
88	Heat shock proteins, end effectors of myocardium ischemic preconditioning?. 2006 , 11, 250-8		16
87	Identification of turkey astrovirus and turkey coronavirus in an outbreak of Poult Enteritis and Mortality Syndrome. 2006 , 8, 131-135		12
86	Molecular detection of Rickettsia genus in chigger mites (Trombidiformes: Trombiculidae) collected on small mammals in southeastern Brazilian. 2019 , 28, 563-568		2
85	Ecdysis-related pleiotropic neuropeptides expression during Anopheles albimanus development. 2018 , 60, 48-55		1
84	Capillary Nano-immunoassay for Quantification of Proteins from CD138-purified Myeloma Cells. 2019 , 9, e3267		2
83	Superoxide Dismutase Isoenzymes Gene Expression in Peripheral Blood Mononuclear Cells in Patients with Coronary Artery Disease. 2019 , 38, 284-291		8
82	Quercetin prevents small intestinal damage and enhances intestinal recovery during methotrexate-induced intestinal mucositis of rats. 2018 , 62,		20
81	Effects of microalgae Chlorella species crude extracts on intestinal adaptation in experimental short bowel syndrome. 2008 , 14, 4512-7		7

80	Caerulein-induced pancreatitis in rats: histological and genetic expression changes from acute phase to recuperation. 2006 , 12, 3999-4003	8
79	Modulating effects of acyl-CoA synthetase 5-derived mitochondrial Wnt2B palmitoylation on intestinal Wnt activity. 2014 , 20, 14855-64	15
78	Intestinal genetic inactivation of caspase-8 diminishes migration of enterocytes. 2015 , 21, 4499-508	5
77	Effect of oral epidermal growth factor on mucosal healing in rats with duodenal ulcer. 2003 , 9, 2261-5	19
76	Ante una nueva civilidad urbana. Capitalismo cognitivo, habitus y gentrificaci3n. 2017 , 75, 055	3
75	Gametocyte Development and Carriage in Ghanaian Individuals with Uncomplicated Malaria. 2018 , 99, 57-64	5
74	Association Between Superoxide Dismutase Isoenzyme Gene Expression and Total Antioxidant Status in Patients with an End-Stage Renal Disease. 2018 , 35, 431-436	4
73	Proliferation, migration and differentiation potential of human mesenchymal progenitor cells derived from osteoarthritic subchondral cancellous bone. 2018 , 14, 45-52	4
72	The role of TWIST, SERPINB5, and SERPIN1 genes in uterine leiomyomas. 2014 , 15, 92-5	1
71	Effect of antimicrobial Peptide, nisin, on the reproductive functions of rats. 2011 , 2011, 828736	9
70	Genetic Association of the Porcine C9 Complement Component with Hemolytic Complement Activity. 2015 , 28, 1354-61	1
69	Programmed genome editing of the omega-1 ribonuclease of the blood fluke,. 2019 , 8,	51
68	Integrated Proteotranscriptomics of Human Myometrium in Labor Landscape Reveals the Increased Molecular Associated With Inflammation Under Hypoxia Stress. 2021 , 12, 722816	1
67	BMP7 reduces the fibrocartilage chondrocyte phenotype. <i>Scientific Reports</i> , 2021 , 11, 19663	4.9 0
66	Transcriptional Profiling of the Candida auris Response to Exogenous Farnesol Exposure. 2021 , 6, e0071021	4
65	In vivo Study of a Newly Synthesized Chromen-4-one Derivative as an Antitumor Agent against HCC. 2021 , 1	
64	Proton-pumping pyrophosphatase homeolog expression is a dynamic trait in bread wheat (). 2021 , 5, e354	
63	Transcriptional signatures in iPSC-derived neurons are reproducible across labs when differentiation protocols are closely matched. 2021 , 56, 102558	

62	Molekulare Diagnostik. 2002 , 309-387		
61	Relationship between nitric oxide and carbon monoxide during inflammatory cytokine-induced cardiac depression. 2004 , 25, 53-60		1
60	Impact of Sample Handling and Preparation on Gene Signatures as Exemplified for Transcriptome Analysis of Peripheral Blood. 2005 , 15-30		
59	RNA Stability: Chemistry, Measurement and Modulation. 1		
58	Genomics. 1		
57	RNA Message Levels in Normally Aging and in Alzheimer's Disease(AD)-Affected Human Temporal Lobe Neocortex. 1996 , 141-145		1
56	Changes in Endothelial Nitric Oxide Synthase mRNA during Vasospasm after Subarachnoid Hemorrhage in Monkeys. 1996 , 39, 562-568		73
55	Gene Expression During Maize Seed Germination. 1997 , 601-610		
54	Präparation von Proteinen für die Gelelektrophorese. 1997 , 1-66		
53	MOLECULAR DETECTION OF PROSTATE CELLS IN EJACULATE AND URETHRAL WASHINGS IN MEN WITH SUSPECTED PROSTATE CANCER. 1999 , 1337-1343		
52	Molecular detection of spp. from canine kidney tissues and its association with renal lesions. 2018 , 11, 530-534		0
51	Study on the bZIP-Type Transcription Factors NapA and RsmA in the Regulation of Intracellular Reactive Species Levels and Sterigmatocystin Production of. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
50	Causes of equine abortion, stillbirth, and perinatal mortality in Brazil. <i>Arquivos Do Instituto Biologico</i> , 87,	1.6	3
49	Inhibitory Effect of Ginseng on Breast Cancer Cell Line Growth Via Up-Regulation of Cyclin Dependent Kinase Inhibitor, p21 and p53. 2016 , 17, 4965-4971		6
48	Diversity of Arabidopsis genes encoding precursors for phytosulfokine, a peptide growth factor. 2001 , 127, 842-51		32
47	In vitro expression of tumor necrosis factor-alpha, interleukin 1beta, and interleukin 8 mRNA by bovine macrophages following exposure to <i>Porphyromonas levii</i> . 2002 , 66, 93-8		7
46	LAP (NF-IL-6), a tissue-specific transcriptional activator, is an inhibitor of hepatoma cell proliferation. 1994 , 13, 851-60		55
45	Uncoupling of transcription and translation during zygotic gene activation in the mouse. 1996 , 15, 5715-25		21

44	Regulation of calpain and calpastatin in differentiating myoblasts: mRNA levels, protein synthesis and stability. 2000 , 351 Pt 2, 413-20		9
43	Correlation between the kinetics of Th1, Th2 cells and pathology in a murine model of experimental pulmonary tuberculosis. 1996 , 89, 26-33		178
42	Post-infarction left ventricular remodeling induces changes in creatine kinase mRNA and protein subunit levels in porcine myocardium. 1997 , 151, 257-64		13
41	A unique method for isolation and solubilization of proteins after extraction of RNA from tumor tissue using trizol. 2011 , 22, 37-44		25
40	Evaluation of DNA extraction protocols for Brucella abortus pcr detection in aborted fetuses or calves born from cows experimentally infected with strain 2308. 2009 , 40, 480-9		5
39	Detection of Genetic characterization of Porcine circovirus 2 (PCV2) in Brazilian wildlife boars. 2012 , 43, 1022-5		3
38	Effects of sex steroid hormones on neuromedin S and neuromedin U2 receptor expression following experimental traumatic brain injury. 2016 , 19, 1080-1089		2
37	Glucocorticoids differentially inhibit expression of the RET proto-oncogene. 1999 , 8, 311-26		4
36	Molecular diversity of the VP2 of 1 (CPV-2) of fecal samples from Bogotá <i>Journal of Veterinary Science</i> , 2021 , 23, e14		1.6
35	Identification and profiling of conserved microRNAs in different developmental stages of crown imperial (<i>Fritillaria imperialis</i> L.) using high-throughput sequencing. <i>Molecular Biology Reports</i> , 2021 , 1		2.8
34	Reliable and Remote Monitoring of Absolute Temperature During Liver Inflammation via Luminescence Lifetime-Based Nanothermometry. <i>Advanced Materials</i> , 2021 , e2107764	24	6
33	Rapid Amplification of cDNA Ends (RACE). <i>Springer Protocols</i> , 2022 , 505-535	0.3	0
32	Strategies Shaping the Transcription of Carbohydrate-Active Enzyme Genes in .. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	1
31	Detection of hepatitis C virus (HCV) RNA in the peripheral blood mononuclear cells of HCV-infected patients following sustained virologic response.. <i>Clinical and Experimental Medicine</i> , 2022 , 1	4.9	0
30	Responsiveness of PNPLA3 and lipid-related transcription factors is dependent upon fatty acid profile in primary bovine hepatocytes.. <i>Scientific Reports</i> , 2022 , 12, 888	4.9	
29	Macrophage IL-1 β promotes arteriogenesis by autocrine STAT3- and NF- κ B-mediated transcription of pro-angiogenic VEGF-A.. <i>Cell Reports</i> , 2022 , 38, 110309	10.6	1
28	Carbon Monoxide (CO) as a Retinal Regulator of Heme Oxygenases -1, and -2 (HO's) Expression.. <i>Biomedicines</i> , 2022 , 10,	4.8	1
27	Hb Costa Rica or alpha 2 beta 2 77(EF1)His --> Arg: the first example of a somatic cell mutation in a globin gene. <i>Human Genetics</i> , 1996 , 97, 829-33	6.3	2

26	Immunomodulating Activity of Mushrooms Following Their In Vitro Fermentation by Human Fecal Microbiota.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	2
25	Effect of Different Culture Conditions on Gene Expression Associated With Cyst Production in Populations of .. <i>Frontiers in Genetics</i> , 2022 , 13, 768391	4.5	
24	Effects of Dietary Supplementation with Honeybee Pollen and Its Supercritical Fluid Extract on Immune Response and Fillet's Quality of Farmed Gilthead Seabream ().. <i>Animals</i> , 2022 , 12,	3.1	0
23	Transcriptome Analysis on Key Metabolic Pathways in <i>Rhodotorula mucilaginosa</i> Under Pb(II) Stress.. <i>Applied and Environmental Microbiology</i> , 2022 , e0221521	4.8	0
22	Zinc supplementation modifies brain tissue transcriptome of <i>Apis mellifera</i> honeybees.. <i>BMC Genomics</i> , 2022 , 23, 282	4.5	1
21	Is adenotonsillectomy safe in covid-19 era? Investigation of sars-cov2 in adenoid and tonsil tissues.. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2022 , 43, 103458	2.8	
20	Dietary administration of silk microparticles improves the epidermal and dermal regeneration after a skin wounding in gilthead seabream (<i>Sparus aurata</i> L.).. <i>Fish and Shellfish Immunology</i> , 2022 ,	4.3	0
19	Integrated multiple transcriptomes in oviductal tissue across the porcine oestrous cycle reveal functional roles in oocyte maturation and transport.. <i>Journal of Animal Science</i> , 2021 ,	0.7	0
18	Subcellular Fractionation Suitable for Studies of RNA and Protein Trafficking.. <i>Methods in Molecular Biology</i> , 2022 , 2502, 91-104	1.4	1
17	Microglial FABP4-UCP2 Axis Modulates Neuroinflammation and Cognitive Decline in Obese Mice.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
16	Presentation_1.PDF. 2018 ,		
15	Table_1.DOCX. 2018 ,		
14	Table_2.DOCX. 2018 ,		
13	Table_3.xlsx. 2018 ,		
12	Therapeutic combination silencing VEGF and SOX10 increases the antiangiogenic effect in the mouse melanoma model B16-F10 - and studies. <i>Postepy Dermatologii I Alergologii</i> , 2021 , 38, 887-898	1.5	
11	Protocols for Isolation of Genetic Materials from RNA Viruses. <i>Springer Protocols</i> , 2022 , 49-66	0.3	
10	DETECÇÃO DOS GENES DAS TOXINAS ALFA (A), BETA (B) E EPSILON (E) EM AMOSTRAS DE CLOSTRIDIUM PERFRINGENS ISOLADAS DE BOVINOS PELA REACÇÃO EM CADEIA DA POLIMERASE (PCR). <i>Arquivos Do Instituto Biologico</i> , 2005 , 72, 279-282	1.6	
9	Sub-Lethal Concentrations of Graphene Oxide Trigger Acute-Phase Response and Impairment of Phase-I Xenobiotic Metabolism in Upcyte Hepatocytes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10,	5.8	1

8	Heritable genomic diversity in breast cancer driver genes and associations with risk in a Chilean population. <i>Biological Research</i> , 2022 , 55,	7.6	
7	The Auxin-Response Repressor IAA30 Is Down-Regulated in Reproductive Tissues of Apomictic <i>Paspalum notatum</i> . <i>Plants</i> , 2022 , 11, 1472	4.5	
6	Taxonomy, comparative genomics and evolutionary insights of <i>Penicillium ucsense</i> : a novel species in series <i>Oxalica</i> . <i>Antonie Van Leeuwenhoek</i> ,	2.1	
5	Effect of Mechanical Mincing on Minimally Manipulated Articular Cartilage for Surgical Transplantation. <i>American Journal of Sports Medicine</i> , 036354652211010	6.8	o
4	Activation of plant immunity by exposure to dinitrogen pentoxide gas generated from air using plasma technology. <i>PLoS ONE</i> , 2022 , 17, e0269863	3.7	1
3	Chronic Central Leptin Infusion Promotes an Anti-Inflammatory Cytokine Profile Related to the Activation of Insulin Signaling in the Gastrocnemius of Male Rats. <i>Biomedicines</i> , 2022 , 10, 1465	4.8	o
2	Rapid Extraction of Plant Nucleic Acids by Microneedle Patch for In-Field Detection of Plant Pathogens. <i>Methods in Molecular Biology</i> , 2022 , 77-90	1.4	
1	Recombinant Noroviruses Circulating in Spain from 2016 to 2020 and Proposal of Two Novel Genotypes within Genogroup I. <i>Microbiology Spectrum</i> ,	8.9	o