

# Primer3 on the WWW for General Users and for Biologists

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Common Buckwheat-based EST Primers in the Genome of other Species of <i>Fagopyrum</i> . Nepal Agriculture Research Journal, 0, 7, 27-36.	0.0	4
2	Construction and characterization of a gridded cattle BAC library. <i>Animal Genetics</i> , 2000, 31, 347-351.	0.6	23
3	Correlation between plasmid content and infectivity in <i>Borrelia burgdorferi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13865-13870.	3.3	435
4	Tissue-specific regulation of gastrin-releasing peptide synthesis, storage and secretion by oestrogen and progesterone. <i>Journal of Endocrinology</i> , 2000, 166, 649-658.	1.2	24
5	Microsatellite Analysis of Genetic Variation in Sturgeon: New Primer Sequences for <i>Scaphirhynchus</i> and <i>Acipenser</i> . <i>Transactions of the American Fisheries Society</i> , 2000, 129, 1380-1388.	0.6	122
6	Comparative Feline Genomics: A BAC/PAC Contig Map of the Major Histocompatibility Complex Class II Region. <i>Genomics</i> , 2001, 71, 282-295.	1.3	30
7	Assessment of the Total Number of Human Transcription Units. <i>Genomics</i> , 2001, 77, 71-78.	1.3	57
8	An aryl hydrocarbon receptor (AHR) homologue from the soft-shell clam, <i>Mya arenaria</i> : evidence that invertebrate AHR homologues lack 2,3,7,8-tetrachlorodibenzo-p-dioxin and 1 <sup>2</sup> -naphthoflavone binding. <i>Gene</i> , 2001, 278, 223-234.	1.0	151
9	Information Technology Tools for Efficient SNP Studies. <i>Molecular Diagnosis and Therapy</i> , 2001, 1, 303-314.	3.3	3
10	An efficient procedure for genotyping single nucleotide polymorphisms. <i>Nucleic Acids Research</i> , 2001, 29, 88e-88.	6.5	831
11	GENERATION AND MAPPING OF EXPRESSED SEQUENCE TAGS FROM VIRUS-INFECTED SWINE MACROPHAGES. <i>Animal Biotechnology</i> , 2001, 12, 51-67.	0.7	9
12	Single nucleotide polymorphisms in an STS region linked to the <i>Ncc-tmp1A</i> locus are informative for characterizing the differentiation of chromosome 1A in wheat. <i>Genes and Genetic Systems</i> , 2001, 76, 295-304.	0.2	5
13	Contribution of the earthworm <i>Lumbricus rubellus</i> (Annelida, Oligochaeta) to the establishment of plasmids in soil bacterial communities. <i>Microbial Ecology</i> , 2001, 41, 341-351.	1.4	22
14	A new gene ( <i>rmSTG</i> ) specific for taste buds is found by laser capture microdissection. <i>Mammalian Genome</i> , 2001, 12, 60-66.	1.0	15
15	Effect of anti-transforming growth factor- $\beta$ antibodies in cyclosporine-induced renal dysfunction. <i>Kidney International</i> , 2001, 59, 498-506.	2.6	107
16	Another TWIST on Baller-Gerold syndrome. <i>American Journal of Medical Genetics Part A</i> , 2001, 104, 323-330.	2.4	31
17	Single-nucleotide polymorphisms in the public domain: how useful are they?. <i>Nature Genetics</i> , 2001, 27, 371-372.	9.4	151
18	Identification of novel oestrogen receptor target genes in human ZR75-1 breast cancer cells by expression profiling. <i>Journal of Molecular Endocrinology</i> , 2001, 27, 259-274.	1.1	114

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19	Selection of reference genes for normalization of quantitative real-time PCR in cell cultures of <i>Cyclamen persicum</i> . <i>Electronic Journal of Biotechnology</i> , 2001, 14, .	1.2	7
20	PIRA PCR designer for restriction analysis of single nucleotide polymorphisms. <i>Bioinformatics</i> , 2001, 17, 838-839.	1.8	91
21	Proliferative Actions of Natriuretic Peptides on Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 43668-43676.	1.6	35
22	Host Genetic Background at CCR5 Chemokine Receptor and Vitamin D Receptor Loci and Human Immunodeficiency Virus (HIV) Type 1 Disease Progression among HIV-seropositive Injection Drug Users. <i>Journal of Infectious Diseases</i> , 2001, 184, 1279-1288.	1.9	50
23	Global analysis of growth phase responsive gene expression and regulation of antibiotic biosynthetic pathways in <i>Streptomyces coelicolor</i> using DNA microarrays. <i>Genes and Development</i> , 2001, 15, 3183-3192.	2.7	197
24	Transcription Factor NFIC Undergoes N-Glycosylation during Early Mammary Gland Involution. <i>Journal of Biological Chemistry</i> , 2002, 277, 25893-25903.	1.6	29
25	Dimethylfumarate Inhibits TNF-Induced Nuclear Entry of NF- $\kappa$ B/p65 in Human Endothelial Cells. <i>Journal of Immunology</i> , 2002, 168, 4781-4787.	0.4	191
26	Phylogenetic classification of <i>Bartonella</i> species by comparing groEL sequences.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 165-171.	0.8	82
27	PRIMEGENS: robust and efficient design of gene-specific probes for microarray analysis. <i>Bioinformatics</i> , 2002, 18, 1432-1437.	1.8	92
28	A common P-glycoprotein polymorphism is associated with nortriptyline-induced postural hypotension in patients treated for major depression. <i>Pharmacogenomics Journal</i> , 2002, 2, 191-196.	0.9	190
29	GENOTRACE: cDNA-based local GENOME assembly from TRACE archives. <i>Bioinformatics</i> , 2002, 18, 1396-1397.	1.8	17
30	Quantitative Trait Loci Affecting Initial Sensitivity and Acute Functional Tolerance to Ethanol-Induced Ataxia and Brain cAMP Signaling in BXD Recombinant Inbred Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 1238-1245.	1.3	56
31	Comparative genomic analysis in the region of a major Plasmodium-refractoriness locus of <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8179-8184.	3.3	34
32	Prevalence of somatic alterations in the colorectal cancer cell genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3076-3080.	3.3	174
33	JSNP: a database of common gene variations in the Japanese population. <i>Nucleic Acids Research</i> , 2002, 30, 158-162.	6.5	247
34	Global analysis of mRNA decay and abundance in <i>Escherichia coli</i> at single-gene resolution using two-color fluorescent DNA microarrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9697-9702.	3.3	782
35	Predicting the success of primer extension genotyping assays using statistical modeling. <i>Nucleic Acids Research</i> , 2002, 30, 131e-131.	6.5	25
36	Genomic Variation of <i>Bartonella henselae</i> Strains Detected in Lymph Nodes of Patients with Cat Scratch Disease. <i>Journal of Clinical Microbiology</i> , 2002, 40, 1023-1030.	1.8	95

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37	Identification of the Single Base Change Causing the Callipyge Muscle Hypertrophy Phenotype, the Only Known Example of Polar Overdominance in Mammals. <i>Genome Research</i> , 2002, 12, 1496-1506.	2.4	195
38	Development of a PCR-based method for diagnosis of <i>Leishmania</i> in blood samples. <i>Molecular and Cellular Probes</i> , 2002, 16, 415-420.	0.9	39
39	MethPrimer: designing primers for methylation PCRs. <i>Bioinformatics</i> , 2002, 18, 1427-1431.	1.8	2,240
40	Search for and Analysis of Single Nucleotide Polymorphisms (SNPs) in Rice ( <i>Oryza sativa</i> , <i>Oryza</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 184	1.5	184
41	4-Hydroxynonenal affects pRb/E2F pathway in HL-60 human leukemic cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 267-275.	1.0	30
42	SR 142801, a tachykinin NK3 receptor antagonist, prevents $\hat{1}^2$ -adrenoceptor agonist-induced hyperresponsiveness to neurokinin A in guinea-pig isolated trachea. <i>Life Sciences</i> , 2002, 72, 307-320.	2.0	15
43	SNP Discovery by Direct DNA Sequencing. , 2003, 212, 071-084.		13
44	Recombination between Palindromes P5 and P1 on the Human Y Chromosome Causes Massive Deletions and Spermatogenic Failure. <i>American Journal of Human Genetics</i> , 2002, 71, 906-922.	2.6	410
45	Differential expression and genetic variation of hepatic messenger RNAs from genetically lean and fat chickens. <i>Gene</i> , 2002, 299, 235-243.	1.0	20
46	Time- and dose-dependent differential upregulation of three genes by $17\hat{1}^2$ -estradiol in endothelial cells. <i>Journal of Applied Physiology</i> , 2002, 92, 1064-1073.	1.2	20
47	Primer Design for PCR and Sequencing in High-Throughput Analysis of SNPs. <i>BioTechniques</i> , 2002, 32, S28-S32.	0.8	37
48	The associations of polymorphisms of TSH receptor and thyroid hormone receptor genes with L-thyroxine treatment in hypothyroid patients. <i>Hormones</i> , 2002, 13, 389-97.	0.9	2
49	Hepatitis C virus whole genome position weight matrix and robust primer design. <i>BMC Microbiology</i> , 2002, 2, 29.	1.3	17
50	Cytokine mRNA quantification by real-time PCR. <i>Journal of Immunological Methods</i> , 2002, 259, 55-64.	0.6	186
51	Autosomal dominant sensory/motor neuropathy with Ataxia (SMNA): Linkage to chromosome 7q22-q32. <i>American Journal of Medical Genetics Part A</i> , 2002, 114, 450-457.	2.4	79
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54	Verification of 525 coding SNPs in 179 hypertension candidate genes in the Japanese population: identification of 159 SNPs in 93 genes. <i>Journal of Human Genetics</i> , 2002, 47, 387-394.	1.1	44

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55	Gene-based SNP discovery as part of the Japanese Millennium Genome Project: identification of 190 562 genetic variations in the human genome. <i>Journal of Human Genetics</i> , 2002, 47, 0605-0610.	1.1	281
56	Ptprj is a candidate for the mouse colon-cancer susceptibility locus Scc1 and is frequently deleted in human cancers. <i>Nature Genetics</i> , 2002, 31, 295-300.	9.4	239
57	The Na-K-ATPase is a target for an EDHF displaying characteristics similar to potassium ions in the porcine renal interlobar artery. <i>British Journal of Pharmacology</i> , 2002, 137, 647-654.	2.7	25
58	Identification and mapping of a putative stress response regulator gene in barley. <i>Plant Molecular Biology</i> , 2002, 50, 141-150.	2.0	34
59	Rapid induction of a protein disulfide isomerase and defense-related genes in wheat in response to the hemibiotrophic fungal pathogen <i>Mycosphaerella graminicola</i> . <i>Plant Molecular Biology</i> , 2003, 53, 741-754.	2.0	106
60	Primer Design Assistant (PDA): a web-based primer design tool. <i>Nucleic Acids Research</i> , 2003, 31, 3751-3754.	6.5	51
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62	Polymorphisms in the CYP19 and AR Genes?Relation to Bone Mass and Longitudinal Bone Changes in Postmenopausal Women With or Without Hormone Replacement Therapy: The Danish Osteoporosis Prevention Study. <i>Calcified Tissue International</i> , 2003, 74, 25-34.	1.5	48
63	Comparative mapping in the pig: localization of 214 expressed sequence tags. <i>Mammalian Genome</i> , 2003, 14, 405-426.	1.0	17
64	B1 insertions as easy markers for mouse population studies. <i>Mammalian Genome</i> , 2003, 14, 359-366.	1.0	18
65	Human osteoclasts express different CXC chemokines depending on cell culture substrate: molecular and immunocytochemical evidence of high levels of CXCL10 and CXCL12. <i>Histochemistry and Cell Biology</i> , 2003, 120, 391-400.	0.8	72
66	High Frequency and Large Number of Polymorphic Microsatellites in Cultured Shrimp, <i>Penaeus (Litopenaeus) vannamei</i> [Crustacea:Decapoda]. <i>Marine Biotechnology</i> , 2003, 5, 311-330.	1.1	49
67	Acute hyperoxia-induced transcriptional response in the mouse RPE/choroid. <i>Free Radical Biology and Medicine</i> , 2003, 35, 465-474.	1.3	12
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69	PCR-based identification of <i>Treponema maltophilum</i> , <i>T. amylovorum</i> , <i>T. medium</i> , and <i>T. lecithinolyticum</i> in primary root canal infections. <i>Archives of Oral Biology</i> , 2003, 48, 495-502.	0.8	37
70	RNAit: an automated web-based tool for the selection of RNAi targets in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 128, 115-118.	0.5	216
71	Cytokine gene expression in monocytes of patients undergoing cardiopulmonary bypass surgery evaluated by real-time PCR. <i>Journal of Cellular and Molecular Medicine</i> , 2003, 7, 146-156.	1.6	20
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73	Mutation screening of the C1 inhibitor gene among Hungarian patients with hereditary angioedema. <i>Human Mutation</i> , 2003, 22, 498-498.	1.1	63
74	Human nuclear transcription factor geneCREM: Genomic organization, mutation screening, and association analysis in panic disorder. , 2003, 117B, 70-78.		23
75	Touch-down method for high-performance sequencing of polymerase chain reaction products. <i>Analytical Biochemistry</i> , 2003, 315, 270-272.	1.1	10
76	Tissue-specific gene expression in chondrocytes grown on three-dimensional hyaluronic acid scaffolds. <i>Biomaterials</i> , 2003, 24, 3265-3275.	5.7	89
77	A rapid and simple method of detection of <i>Blepharisma japonicum</i> using PCR and immobilisation on FTA paper. <i>BMC Ecology</i> , 2003, 3, 7.	3.0	16
78	Isolation and characterization of polymorphic microsatellite loci from the Dungeness crab <i>Cancer magister</i> . <i>Molecular Ecology Notes</i> , 2003, 4, 30-32.	1.7	11
79	Hypertension increases expression of growth factors and MHC II in chronic allograft nephropathy. <i>Kidney International</i> , 2003, 63, 2302-2308.	2.6	16
80	Mapping of porcine ESTs obtained from the anterior pituitary. <i>Animal Genetics</i> , 2003, 34, 132-134.	0.6	10
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84	GAMOLA: A New Local Solution for Sequence Annotation and Analyzing Draft and Finished Prokaryotic Genomes. <i>OMICS A Journal of Integrative Biology</i> , 2003, 7, 161-169.	1.0	68
85	Acid-Adaptive Genes of <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , 2003, 71, 5921-5939.	1.0	194
86	The STC-1 cells express functional orexin-A receptors coupled to CCK release. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 209-216.	1.0	29
87	Development of immune response that protects mice from viral pneumonitis after a single intranasal immunization with influenza A virus and nanoemulsion. <i>Vaccine</i> , 2003, 21, 3801-3814.	1.7	85
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93	Comparison of the canine and human olfactory receptor gene repertoires. <i>Genome Biology</i> , 2003, 4, R80.	13.9	90
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95	Development of a Molecular Tool for the Diagnosis of Leprosis, a Major Threat to Citrus Production in the Americas. <i>Plant Disease</i> , 2003, 87, 1317-1321.	0.7	87
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97	Automatic design of gene-specific sequence tags for genome-wide functional studies. <i>Bioinformatics</i> , 2003, 19, 2191-2198.	1.8	44
98	Genome Differences That Distinguish Bacillus anthracis from Bacillus cereus and Bacillus thuringiensis. <i>Applied and Environmental Microbiology</i> , 2003, 69, 2755-2764.	1.4	167
99	Target Site Specificity of the Tos17 Retrotransposon Shows a Preference for Insertion within Genes and against Insertion in Retrotransposon-Rich Regions of the Genome. <i>Plant Cell</i> , 2003, 15, 1771-1780.	3.1	493
100	Ribonucleotide Reduction in Mycobacterium tuberculosis : Function and Expression of Genes Encoding Class Ib and Class II Ribonucleotide Reductases. <i>Infection and Immunity</i> , 2003, 71, 6124-6131.	1.0	65
101	Efficient Target-Selected Mutagenesis in Zebrafish. <i>Genome Research</i> , 2003, 13, 2700-2707.	2.4	409
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103	Methodology of Protistan Discovery: from rRNA Detection to Quality Scanning Electron Microscope Images. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6856-6863.	1.4	49
104	Efficient High-Throughput Resequencing of Genomic DNA. <i>Genome Research</i> , 2003, 13, 717-720.	2.4	20
105	Regionalized GC content of template DNA as a predictor of PCR success. <i>Nucleic Acids Research</i> , 2003, 31, 99e-99.	6.5	68
106	Assignment of the gene (MBD3) encoding methyl-CpG binding domain protein 3 to porcine chromosome 2q21. <i>Cytogenetic and Genome Research</i> , 2003, 101, 178E-178E.	0.6	0
107	Construction of a high-resolution comparative gene map between swine chromosome region 6q11.1 and human chromosome 19 q-arm by RH mapping of 51 genes. <i>Cytogenetic and Genome Research</i> , 2003, 102, 109-115.	0.6	13
108	Improving the comparative map of porcine chromosome 9 with respect to human chromosomes 1, 7 and 11. <i>Cytogenetic and Genome Research</i> , 2003, 102, 128-132.	0.6	6

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110	DePIE: Designing Primers for Protein Interaction Experiments. <i>Nucleic Acids Research</i> , 2003, 31, 3755-3757.	6.5	6
111	Genome-scale design of PCR primers and long oligomers for DNA microarrays. <i>Nucleic Acids Research</i> , 2003, 31, 5576-5581.	6.5	31
112	Large-Scale Discovery of Induced Point Mutations With High-Throughput TILLING. <i>Genome Research</i> , 2003, 13, 524-530.	2.4	505
113	Subtractive Hybridization Reveals a Type I Polyketide Synthase Locus Specific to <i>Mycobacterium ulcerans</i> . <i>Journal of Bacteriology</i> , 2003, 185, 6870-6882.	1.0	19
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116	Assignment of DNA cytosine-5-methyltransferase 1 (DNMT1) gene to porcine chromosome 2q21â†’q22 by somatic cell and radiation hybrid panel mapping. <i>Cytogenetic and Genome Research</i> , 2003, 101, 178D-178D.	0.6	0
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118	A Role for Tachykinins in Female Mouse and Rat Reproductive Function1. <i>Biology of Reproduction</i> , 2003, 69, 940-946.	1.2	78
119	Identification of a Differentially Expressed Oligopeptide Binding Protein (OppA2) in <i>Streptococcus uberis</i> by Representational Difference Analysis of cDNA. <i>Journal of Bacteriology</i> , 2003, 185, 5210-5219.	1.0	24
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122	Expression of 11beta-hydroxysteroid dehydrogenases in bovine follicle and corpus luteum. <i>Journal of Endocrinology</i> , 2003, 177, 445-452.	1.2	31
123	T Cell Receptor Gene Rearrangement Lineage Analysis Reveals Clues for the Origin of Highly Restricted Antigen-specific Repertoires. <i>Journal of Experimental Medicine</i> , 2003, 197, 601-614.	4.2	32
124	Mapping <i>Drosophila</i> mutations with molecularly defined P element insertions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10860-10865.	3.3	89
125	Development of <i>Sinorhizobium meliloti</i> Pilot Macroarrays for Transcriptome Analysis. <i>Applied and Environmental Microbiology</i> , 2003, 69, 1214-1219.	1.4	23
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128	Interfering with Different Steps of Protein Synthesis Explored by Transcriptional Profiling of Escherichia coli K-12. Journal of Bacteriology, 2003, 185, 6158-6170.	1.0	63
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133	Transactivation of Steroidogenic Acute Regulatory Protein in Human Endometriotic Stromal Cells Is Mediated by the Prostaglandin EP2 Receptor. Endocrinology, 2003, 144, 3934-3942.	1.4	102
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135	Identifying Antimicrobial Resistance Genes with DNA Microarrays. Antimicrobial Agents and Chemotherapy, 2003, 47, 3290-3295.	1.4	157
136	Age-related changes in the transcriptional profile of mouse RPE/choroid. Physiological Genomics, 2003, 15, 258-262.	1.0	36
137	Mutated VH genes and preferential VH3-21 use define new subsets of mantle cell lymphoma. Blood, 2003, 101, 4047-4054.	0.6	99
138	Single-Stranded Conformational Polymorphism Analysis Using Automated Capillary Array Electrophoresis Apparatuses. BioTechniques, 2003, 34, 746-750.	0.8	27
139	Complex DNA melting profiles of small PCR products revealed using SYBR® Green I. BioTechniques, 2003, 35, 702-706.	0.8	23
140	Identification of temporal patterns of gene expression in the uteri of immature, ovariectomized mice following exposure to ethynylestradiol. Physiological Genomics, 2003, 15, 127-141.	1.0	59
141	Differential regulation of gene expression by ovariectomy in mouse aorta. Physiological Genomics, 2003, 12, 175-185.	1.0	3
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143	The ProbeLibraryâ„¢-Expression profiling 99% of all human genes using only 90 dual-labeled real-time PCR Probes. BioTechniques, 2004, 37, 492-495.	0.8	15
144	Methylation-Specific PCR Unraveled. Analytical Cellular Pathology, 2004, 26, 291-299.	0.7	60

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145	Development of a PCR Test To Differentiate between <i>Staphylococcus aureus</i> and <i>Staphylococcus intermedius</i> . <i>Journal of Food Protection</i> , 2004, 67, 2302-2305.	0.8	76
146	Subchronic Exposure to TCDD, PeCDF, PCB126, and PCB153: Effect on Hepatic Gene Expression. <i>Environmental Health Perspectives</i> , 2004, 112, 1636-1644.	2.8	94
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1977	Exploring Differential Gene Expression in Zebrafish to Teach Basic Molecular Biology Skills. <i>Zebrafish</i> , 2009, 6, 187-199.	0.5	4
1978	Coastal Strains of Marine <i>Synechococcus</i> Species Exhibit Increased Tolerance to Copper Shock and a Distinctive Transcriptional Response Relative to Those of Open-Ocean Strains. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5047-5057.	1.4	65
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1980	The bovine mammary gland expresses multiple functional isoforms of serotonin receptors. <i>Journal of Endocrinology</i> , 2009, 203, 123-131.	1.2	55
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2097	Comparative genomics of Toll-like receptor signalling in five species. <i>BMC Genomics</i> , 2009, 10, 216.	1.2	36
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2568	Ice recrystallization inhibition proteins of perennial ryegrass enhance freezing tolerance. <i>Planta</i> , 2010, 232, 155-164.	1.6	61
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2666	Genome-wide characterization of simple sequence repeats in cucumber ( <i>Cucumis sativus</i> L.). <i>BMC Genomics</i> , 2010, 11, 569.	1.2	316
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2784	Gene expression and dental enamel structure in developing mouse incisor. <i>European Journal of Oral Sciences</i> , 2010, 118, 118-130.	0.7	23
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3474	Development of SCAR and CAPS markers linked to a recessive male sterility gene in lettuce ( <i>Lactuca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.6 13	0.6	13
3475	Development of gene-based markers from functional <i>Arabidopsis thaliana</i> genes involved in phosphorus homeostasis and mapping in <i>Brassica napus</i> . <i>Euphytica</i> , 2011, 181, 305.	0.6	12
3476	Allele mining and haplotype discovery in barley candidate genes for drought tolerance. <i>Euphytica</i> , 2011, 181, 341.	0.6	25
3477	A survey of APC mutations in Quebec. <i>Familial Cancer</i> , 2011, 10, 659-665.	0.9	11
3478	<i>Drosophila</i> intersex orthologue in the silkworm, <i>Bombyx mori</i> and related species. <i>Genetica</i> , 2011, 139, 141-147.	0.5	11
3479	Phylogeography of the red coral ( <i>Corallium rubrum</i> ): inferences on the evolutionary history of a temperate gorgonian. <i>Genetica</i> , 2011, 139, 855-869.	0.5	44

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3481	A comparative assessment of mitochondrial function in epimastigotes and bloodstream trypomastigotes of <i>Trypanosoma cruzi</i> . <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 651-661.	1.0	51
3482	Molecular differential expression of voltage-gated sodium channel $\alpha_1$ and $\beta_2$ subunit mRNAs in five different mammalian cell lines. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 729-738.	1.0	16
3483	Inferring native range and invasion scenarios with mitochondrial DNA: the case of <i>T. solanivora</i> successive north-south step-wise introductions across Central and South America. <i>Biological Invasions</i> , 2011, 13, 1505-1519.	1.2	20
3484	Isolation and characterization of eleven polymorphic microsatellite loci in <i>Aegiphila sellowiana</i> and their transferability. <i>Biologia Plantarum</i> , 2011, 55, 396-399.	1.9	3
3485	Patterns of genetic diversity in the critically endangered Central American river turtle: human influence since the Mayan age?. <i>Conservation Genetics</i> , 2011, 12, 1229-1242.	0.8	18
3486	Transcriptional responses to flooding stress in roots including hypocotyl of soybean seedlings. <i>Plant Molecular Biology</i> , 2011, 77, 129-144.	2.0	103
3487	GsTIFY10, a novel positive regulator of plant tolerance to bicarbonate stress and a repressor of jasmonate signaling. <i>Plant Molecular Biology</i> , 2011, 77, 285-297.	2.0	45
3488	Identification of two major QTL for yellow seed color in two crosses of resynthesized <i>Brassica napus</i> line No. 2127-17. <i>Molecular Breeding</i> , 2011, 28, 335-342.	1.0	34
3489	Development and genetic mapping of microsatellite markers from whole genome shotgun sequences in <i>Brassica oleracea</i> . <i>Molecular Breeding</i> , 2011, 28, 585-596.	1.0	73
3490	Saturating the <i>Prunus</i> (stone fruits) genome with candidate genes for fruit quality. <i>Molecular Breeding</i> , 2011, 28, 667-682.	1.0	53
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3492	Real-time PCR Assay Based on Topoisomerase-II Gene for Detection of <i>Fusarium udum</i> . <i>Mycopathologia</i> , 2011, 171, 373-381.	1.3	8
3493	Investigation and utilization of intron length polymorphisms in conifers. <i>New Forests</i> , 2011, 41, 379-388.	0.7	14
3494	Somatic embryogenesis and <i>Agrobacterium</i> -mediated transformation in <i>Bixa orellana</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 317-328.	1.2	44
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3496	A potato skin SSH library yields new candidate genes for suberin biosynthesis and periderm formation. <i>Planta</i> , 2011, 233, 933-945.	1.6	39
3497	A pomegranate ( <i>Punica granatum</i> L.) WD40-repeat gene is a functional homologue of <i>Arabidopsis</i> TTG1 and is involved in the regulation of anthocyanin biosynthesis during pomegranate fruit development. <i>Planta</i> , 2011, 234, 865-881.	1.6	100

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3499	PCR detection of <i>Dirofilaria immitis</i> in <i>Aedes aegypti</i> and <i>Culex pipiens</i> from urban temperate Argentina. <i>Parasitology Research</i> , 2011, 108, 985-989.	0.6	35
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3520	Assessment of simple marker-free genetic transformation techniques in alfalfa. <i>Plant Cell Reports</i> , 2011, 30, 1991-2000.	2.8	15
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3529	A PCR-based marker for a locus conferring aroma in vegetable soybean ( <i>Glycine max</i> L.). <i>Theoretical and Applied Genetics</i> , 2011, 122, 311-316.	1.8	20
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3532	<i>Glycine max</i> non-nodulation locus <i>rj1</i> : a recombinogenic region encompassing a SNP in a lysine motif receptor-like kinase ( <i>GmNFR1</i> ±). <i>Theoretical and Applied Genetics</i> , 2011, 122, 875-884.	1.8	7
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3560	Development of gene-based markers for the Bs2 bacterial spot resistance gene for marker-assisted selection in pepper ( <i>Capsicum</i> spp.). <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 65-73.	0.7	10
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3566	Emergence of <i>Aureobasidium pullulans</i> as human fungal pathogen and molecular assay for future medical diagnosis. <i>Folia Microbiologica</i> , 2011, 56, 459-467.	1.1	43
3567	Inhibitory effect of Galgeun-tang on RANKL-induced osteoclast differentiation and bone loss in ovariectomized rats. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 158-166.	1.4	4
3568	Samul-tang suppresses RANKL-induced osteoclast differentiation in RAW264.7 cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 603-610.	1.4	3
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3572	New microsatellite loci for the longnose velvet dogfish <i>Centroselachus crepidater</i> (Squaliformes: Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	4
3573	Isolation and characterization of eight microsatellite loci in <i>Chaetodon ornatissimus</i> and cross-amplification in a sympatric sister species, <i>Chaetodon meyeri</i> . <i>Conservation Genetics Resources</i> , 2011, 3, 213-216.	0.4	1
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3576	A rapid PCR-based assay for identification of cryptic <i>Myotis</i> spp. ( <i>M. mystacinus</i> , <i>M. brandtii</i> and <i>M.</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	10
3577	Development of 21 microsatellite markers for the threatened Yarra pygmy perch ( <i>Nannoperca obscura</i> ) through 454 shot-gun pyrosequencing. <i>Conservation Genetics Resources</i> , 2011, 3, 601-604.	0.4	9
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3583	A cDNA microarray, UniShrimpChip, for identification of genes relevant to testicular development in the black tiger shrimp ( <i>Penaeus monodon</i> ). <i>BMC Molecular Biology</i> , 2011, 12, 15.	3.0	23
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3586	Localization of QTLs for in vitro plant regeneration in tomato. <i>BMC Plant Biology</i> , 2011, 11, 140.	1.6	30
3587	Identification, utilisation and mapping of novel transcriptome-based markers from blackcurrant ( <i>Ribes</i> ) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	49
3588	Gene-based SSR markers for common bean ( <i>Phaseolus vulgaris</i> L.) derived from root and leaf tissue ESTs: an integration of the BMc series. <i>BMC Plant Biology</i> , 2011, 11, 50.	1.6	79
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3609	Improved specificity for detection of <i>Mycobacterium bovis</i> in fresh tissues using IS6110 real-time PCR. <i>BMC Veterinary Research</i> , 2011, 7, 50.	0.7	44
3610	Loop-mediated isothermal amplification (LAMP) assays for the species-specific detection of <i>Eimeria</i> that infect chickens. <i>BMC Veterinary Research</i> , 2011, 7, 67.	0.7	32
3611	A genetic association study between growth differentiation factor 5 (GDF 5) polymorphism and knee osteoarthritis in Thai population. <i>Journal of Orthopaedic Surgery and Research</i> , 2011, 6, 47.	0.9	30
3612	Transcription variants of SLA-7, a swine non classical MHC class I gene. <i>BMC Proceedings</i> , 2011, 5, S10.	1.8	6
3613	Context-based FISH localization of genomic rearrangements within chromosome 15q11.2q13 duplicons. <i>Molecular Cytogenetics</i> , 2011, 4, 15.	0.4	10
3614	Identification of gene fusion transcripts by transcriptome sequencing in BRCA1-mutated breast cancers and cell lines. <i>BMC Medical Genomics</i> , 2011, 4, 75.	0.7	40
3615	Identification of Phosphoglycerate Kinase 1 (PGK1) as a reference gene for quantitative gene expression measurements in human blood RNA. <i>BMC Research Notes</i> , 2011, 4, 324.	0.6	45
3616	Characterization of variable EST SSR markers for Norway spruce ( <i>Picea abies</i> L.). <i>BMC Research Notes</i> , 2011, 4, 401.	0.6	27
3617	Identification of superior reference genes for data normalisation of expression studies via quantitative PCR in hybrid roses ( <i>Rosa hybrida</i> ). <i>BMC Research Notes</i> , 2011, 4, 518.	0.6	90
3618	PTPN22 polymorphisms may indicate a role for this gene in atopic dermatitis in West Highland white terriers. <i>BMC Research Notes</i> , 2011, 4, 571.	0.6	13
3619	Comparison of RNA extraction methods from biofilm samples of <i>Staphylococcus epidermidis</i> . <i>BMC Research Notes</i> , 2011, 4, 572.	0.6	34
3620	Characterization of simple sequence repeats (SSRs) from <i>Phlebotomus papatasi</i> (Diptera: Psychodidae) expressed sequence tags (ESTs). <i>Parasites and Vectors</i> , 2011, 4, 189.	1.0	19
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3622	LAVA: An Open-Source Approach To Designing LAMP (Loop-Mediated Isothermal Amplification) DNA Signatures. <i>BMC Bioinformatics</i> , 2011, 12, 240.	1.2	67
3623	Open-target sparse sensing of biological agents using DNA microarray. <i>BMC Bioinformatics</i> , 2011, 12, 314.	1.2	2
3624	pcrEfficiency: a Web tool for PCR amplification efficiency prediction. <i>BMC Bioinformatics</i> , 2011, 12, 404.	1.2	58
3625	The zebrafish transcriptome during early development. <i>BMC Developmental Biology</i> , 2011, 11, 30.	2.1	108

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3627	The impact of sex-role reversal on the diversity of the major histocompatibility complex: Insights from the seahorse ( <i>Hippocampus abdominalis</i> ). <i>BMC Evolutionary Biology</i> , 2011, 11, 121.	3.2	12
3628	The evolutionary history of the stearyl-CoA desaturase gene family in vertebrates. <i>BMC Evolutionary Biology</i> , 2011, 11, 132.	3.2	90
3629	Modern and ancient red fox ( <i>Vulpes vulpes</i> ) in Europe show an unusual lack of geographical and temporal structuring, and differing responses within the carnivores to historical climatic change. <i>BMC Evolutionary Biology</i> , 2011, 11, 214.	3.2	47
3630	Molecular evolution of a gene cluster of serine proteases expressed in the <i>Anopheles gambiae</i> female reproductive tract. <i>BMC Evolutionary Biology</i> , 2011, 11, 72.	3.2	21
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3633	A second-generation anchored genetic linkage map of the tammar wallaby ( <i>Macropus eugenii</i> ). <i>BMC Genetics</i> , 2011, 12, 72.	2.7	15
3634	Genome structure of cotton revealed by a genome-wide SSR genetic map constructed from a BC1 population between <i>Gossypium hirsutum</i> and <i>G. barbadense</i> . <i>BMC Genomics</i> , 2011, 12, 15.	1.2	153
3635	RefGenes: identification of reliable and condition specific reference genes for RT-qPCR data normalization. <i>BMC Genomics</i> , 2011, 12, 156.	1.2	260
3636	Genome-wide analysis of the role of GlnR in <i>Streptomyces venezuelae</i> provides new insights into global nitrogen regulation in actinomycetes. <i>BMC Genomics</i> , 2011, 12, 175.	1.2	127
3637	A first generation integrated map of the rainbow trout genome. <i>BMC Genomics</i> , 2011, 12, 180.	1.2	51
3638	Using RNA-Seq for gene identification, polymorphism detection and transcript profiling in two alfalfa genotypes with divergent cell wall composition in stems. <i>BMC Genomics</i> , 2011, 12, 199.	1.2	131
3639	Transcriptomic analysis of milk somatic cells in mastitis resistant and susceptible sheep upon challenge with <i>Staphylococcus epidermidis</i> and <i>Staphylococcus aureus</i> . <i>BMC Genomics</i> , 2011, 12, 208.	1.2	67
3640	Transcriptional profiling of fetal hypothalamic TRH neurons. <i>BMC Genomics</i> , 2011, 12, 222.	1.2	8
3641	A canine model of Cohen syndrome: Trapped Neutrophil Syndrome. <i>BMC Genomics</i> , 2011, 12, 258.	1.2	19
3642	Genomic comparison of multi-drug resistant invasive and colonizing <i>Acinetobacter baumannii</i> isolated from diverse human body sites reveals genomic plasticity. <i>BMC Genomics</i> , 2011, 12, 291.	1.2	80
3643	Identification of SNP and SSR markers in eggplant using RAD tag sequencing. <i>BMC Genomics</i> , 2011, 12, 304.	1.2	193

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3645	Transcriptome characterization and polymorphism detection between subspecies of big sagebrush ( <i>Artemisia tridentata</i> ). <i>BMC Genomics</i> , 2011, 12, 370.	1.2	46
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3660	<i>Paullinia cupana</i> Mart. var. <i>sorbilis</i> , guarana, increases survival of Ehrlich ascites carcinoma (EAC) bearing mice by decreasing cyclin D1 expression and inducing a G0/G1 cell cycle arrest in EAC cells. <i>Phytotherapy Research</i> , 2011, 25, 11-16.	2.8	23
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3663	T cell suppression by osteoclasts in vitro. <i>Journal of Cellular Physiology</i> , 2011, 226, 982-990.	2.0	43
3664	Evidence of specific characteristics and osteogenic potentiality in bone cells from tibia. <i>Journal of Cellular Physiology</i> , 2011, 226, 2675-2682.	2.0	15
3665	Contribution of variants in and near the <i>IRF6</i> gene to the risk of nonsyndromic cleft lip with or without cleft palate in a Malay population. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 2302-2307.	0.7	7
3666	Gene expression changes in female zebrafish ( <i>Danio rerio</i> ) brain in response to acute exposure to methylmercury. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 301-308.	2.2	41
3667	Comparative toxicology of mercurials in <i>Caenorhabditis elegans</i> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2135-2141.	2.2	26
3668	Identification of genetic disparity between primary and metastatic melanoma in human patients. <i>Genes Chromosomes and Cancer</i> , 2011, 50, 680-688.	1.5	7
3669	Novel polymorphic AluYb8 insertion in the <i>WNK1</i> gene is associated with blood pressure variation in Europeans. <i>Human Mutation</i> , 2011, 32, 806-814.	1.1	23
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3671	Whole-exome sequencing identifies <i>ALMS1</i> , <i>IQCB1</i> , <i>CNGA3</i> , and <i>MYO7A</i> mutations in patients with leber congenital amaurosis. <i>Human Mutation</i> , 2011, 32, 1450-1459.	1.1	59
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3675	Nanoscale topography reduces fibroblast growth, focal adhesion size and migration-related gene expression on platinum surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 189-197.	2.5	60
3676	Application of multiple response optimization design to quantum dot-encoded microsphere bioconjugates hybridization assay. <i>Analytical Biochemistry</i> , 2011, 414, 23-30.	1.1	6
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3679	Cytogenetic map for <i>Anopheles nili</i> : Application for population genetics and comparative physical mapping. <i>Infection, Genetics and Evolution</i> , 2011, 11, 746-754.	1.0	19

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3683	Hydrogen sulfide is a partially redox-independent activator of the human jejunum Na <sup>+</sup> channel, Na <sub>v</sub> 1.5. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G1105-G1114.	1.6	29
3684	Novel DNA binding domain-based assays for detection of methylated and nonmethylated DNA. <i>Epigenomics</i> , 2011, 3, 93-101.	1.0	18
3685	Identification and characterization of 12 microsatellite loci in <i>Cnidium dubium</i> (Apiaceae) using next-generation sequencing. <i>American Journal of Botany</i> , 2011, 98, e127-e129.	0.8	9
3686	Neuroblastoma-targeted Nanoparticles Entrapping siRNA Specifically Knockdown ALK. <i>Molecular Therapy</i> , 2011, 19, 1131-1140.	3.7	56
3687	Genetic spectrum of hereditary neuropathies with onset in the first year of life. <i>Brain</i> , 2011, 134, 2664-2676.	3.7	112
3688	A Map-Based Cloning Strategy Employing a Residual Heterozygous Line Reveals that the <i>GIGANTEA</i> Gene Is Involved in Soybean Maturity and Flowering. <i>Genetics</i> , 2011, 188, 395-407.	1.2	378
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3695	A Role for Nuclear Factor Interleukin-3 (NFIL3), a Critical Transcriptional Repressor, in Down-Regulation of Periovulatory Gene Expression. <i>Molecular Endocrinology</i> , 2011, 25, 445-459.	3.7	37
3696	Multiple Paternity within Field-Collected Egg Cases of the Praying Mantid <i>Tenodera aridifolia</i> . <i>Annals of the Entomological Society of America</i> , 2011, 104, 348-352.	1.3	9
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3703	Ethylene inhibits lateral root development, increases IAA transport and expression of PIN3 and PIN7 auxin efflux carriers. <i>Development (Cambridge)</i> , 2011, 138, 3485-3495.	1.2	232
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3712	GETPrime: a gene- or transcript-specific primer database for quantitative real-time PCR. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar040.	1.4	43
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3719	Genetic Architecture of Male Sterility and Segregation Distortion in <i>Drosophila pseudoobscura</i> Bogota USA Hybrids. <i>Genetics</i> , 2011, 189, 1001-1009.	1.2	55
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3723	Characterization of expression dynamics of WOX homeodomain transcription factors during somatic embryogenesis in <i>Vitis vinifera</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 1089-1101.	2.4	81
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3735	Development and Application of a Whole-Genome Simple Sequence Repeat Panel for High-Throughput Genotyping in Soybean. <i>DNA Research</i> , 2011, 18, 107-115.	1.5	43
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4001	Angiotensin II induces DNA damage via AT1 receptor and NADPH oxidase isoform Nox4. <i>Mutagenesis</i> , 2012, 27, 673-681.	1.0	46
4002	High-Throughput Transcriptome Sequencing for Snp and Gene Discovery in a Moth. <i>Environmental Entomology</i> , 2012, 41, 997-1007.	0.7	5
4003	The Transcriptome Analysis and Comparison Explorer (TACE): a platform-independent, graphical tool to process large RNAseq datasets of non-model organisms. <i>Bioinformatics</i> , 2012, 28, 777-783.	1.8	10

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4007	Functional differences between low- and high-affinity CD8 <sup>+</sup> T cells in the tumor environment. <i>Oncolmmunology</i> , 2012, 1, 1239-1247.	2.1	68
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4087	Data mining of ESTs to develop dbEST-SSRs for use in a polymorphism study of cauliflower ( <i>Brassica oleracea</i> var. <i>botrytis</i> ). <i>Journal of Horticultural Science and Biotechnology</i> , 2012, 87, 57-63.	0.9	3
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4107	Homozygous <i>PLCB1</i> deletion associated with malignant migrating partial seizures in infancy. <i>Epilepsia</i> , 2012, 53, e146-50.	2.6	104
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4113	Encephalic photoreception and phototactic response in the troglobiont Somalian blind cavefish <i>Phreatichthys andruzzii</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 2898-2903.	0.8	23
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4267	SIS: a program to generate draft genome sequence scaffolds for prokaryotes. <i>BMC Bioinformatics</i> , 2012, 13, 96.	1.2	29
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4275	Genomic characterization of the conditionally dispensable chromosome in <i>Alternaria arborescens</i> provides evidence for horizontal gene transfer. BMC Genomics, 2012, 13, 171.	1.2	81
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4281	Genome-wide SNP identification in multiple morphotypes of allohexaploid tall fescue ( <i>Festuca</i> ) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.2	14
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4307	Generation and analysis of blueberry transcriptome sequences from leaves, developing fruit, and flower buds from cold acclimation through deacclimation. <i>BMC Plant Biology</i> , 2012, 12, 46.	1.6	139
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4353	Lipopolysaccharides Impair Insulin Gene Expression in Isolated Islets of Langerhans via Toll-Like Receptor-4 and NF- $\kappa$ B Signalling. <i>PLoS ONE</i> , 2012, 7, e36200.	1.1	109
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4361	Mutations in Calmodulin Cause Ventricular Tachycardia and Sudden Cardiac Death. <i>American Journal of Human Genetics</i> , 2012, 91, 703-712.	2.6	348
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4390	Detection and Characterization of Transcription Termination. <i>Methods in Molecular Biology</i> , 2012, 809, 593-607.	0.4	1
4391	Identification of differentially expressed genes in potato associated with tuber dormancy release. <i>Molecular Biology Reports</i> , 2012, 39, 11277-11287.	1.0	22
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4400	Genetic variations in genes involved in heparan sulphate biosynthesis are associated with <i>Plasmodium falciparum</i> parasitaemia: a familial study in Burkina Faso. <i>Malaria Journal</i> , 2012, 11, 108.	0.8	14
4401	Quantification of Protein-DNA Interactions by In Vivo Chromatin Immunoprecipitation in Yeast. <i>Methods in Molecular Biology</i> , 2012, 809, 149-156.	0.4	4

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4406	Rapid Microsatellite Identification from Illumina Paired-End Genomic Sequencing in Two Birds and a Snake. <i>PLoS ONE</i> , 2012, 7, e30953.	1.1	208
4407	Highly Sensitive Detection of <i>Staphylococcus aureus</i> Directly from Patient Blood. <i>PLoS ONE</i> , 2012, 7, e31126.	1.1	44
4408	Changes in Soybean Global Gene Expression after Application of Lipo-Chitooligosaccharide from <i>Bradyrhizobium japonicum</i> under Sub-Optimal Temperature. <i>PLoS ONE</i> , 2012, 7, e31571.	1.1	28
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4410	Glycerol Hypersensitivity in a <i>Drosophila</i> Model for Glycerol Kinase Deficiency Is Affected by Mutations in Eye Pigmentation Genes. <i>PLoS ONE</i> , 2012, 7, e31779.	1.1	5
4411	Genes That Influence Swarming Motility and Biofilm Formation in <i>Variovorax paradoxus</i> EPS. <i>PLoS ONE</i> , 2012, 7, e31832.	1.1	42
4412	Scalable In Situ Hybridization on Tissue Arrays for Validation of Novel Cancer and Tissue-Specific Biomarkers. <i>PLoS ONE</i> , 2012, 7, e32927.	1.1	11
4413	Perilipin 2 (PLIN2)-Deficiency Does Not Increase Cholesterol-Induced Toxicity in Macrophages. <i>PLoS ONE</i> , 2012, 7, e33063.	1.1	23
4414	Minim Typing – A Rapid and Low Cost MLST Based Typing Tool for <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2012, 7, e33530.	1.1	18
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4417	Transcriptional Enhancers in Protein-Coding Exons of Vertebrate Developmental Genes. <i>PLoS ONE</i> , 2012, 7, e35202.	1.1	50
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4427	A Unique Regulator Contributes to Quorum Sensing and Virulence in <i>Burkholderia cenocepacia</i> . PLoS ONE, 2012, 7, e37611.	1.1	23
4428	mPSQed: A Software for the Design of Multiplex Pyrosequencing Assays. PLoS ONE, 2012, 7, e38140.	1.1	6
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4432	Thermal Stress Promotes Host Mitochondrial Degradation in Symbiotic Cnidarians: Are the Batteries of the Reef Going to Run Out?. PLoS ONE, 2012, 7, e39024.	1.1	84
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4434	Discovery of Western European R1b1a2 Y Chromosome Variants in 1000 Genomes Project Data: An Online Community Approach. PLoS ONE, 2012, 7, e41634.	1.1	36
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4436	SNP Discovery Using Next Generation Transcriptomic Sequencing in Atlantic Herring ( <i>Clupea</i> ) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 102	1.1	53
4437	Intragenic Enhancers and Suppressors of Phytoene Desaturase Mutations in <i>Chlamydomonas reinhardtii</i> . PLoS ONE, 2012, 7, e42196.	1.1	24

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4440	Bats Track and Exploit Changes in Insect Pest Populations. <i>PLoS ONE</i> , 2012, 7, e43839.	1.1	143
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4443	Evidence for Transcript Networks Composed of Chimeric RNAs in Human Cells. <i>PLoS ONE</i> , 2012, 7, e28213.	1.1	61
4444	Reference Genes for Real-Time PCR Quantification of MicroRNAs and Messenger RNAs in Rat Models of Hepatotoxicity. <i>PLoS ONE</i> , 2012, 7, e36323.	1.1	89
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4453	Evolutionarily Conserved Histone Methylation Dynamics during Seed Life-Cycle Transitions. <i>PLoS ONE</i> , 2012, 7, e51532.	1.1	56
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4473	Distribution of QPY and RAH haplotypes of granzyme B gene in distinct Brazilian populations. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2012, 45, 496-499.	0.4	0

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4483	Comparative analysis of detection limits and specificity of molecular diagnostic markers for three pathogens ( <i>Microsporidia</i> , <i>Nosema</i> spp.) in the key pollinators <i>Apis mellifera</i> and <i>Bombus terrestris</i> . <i>Parasitology Research</i> , 2012, 110, 1403-1410.	0.6	31
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4485	Variability of RNA Quality Extracted from Biofilms of Foodborne Pathogens Using Different Kits Impacts mRNA Quantification by qPCR. <i>Current Microbiology</i> , 2012, 65, 54-59.	1.0	9
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4487	Effect of Overexpressing <i>rsmA</i> from <i>Pseudomonas aeruginosa</i> on Virulence of Select Phytotoxin-Producing Strains of <i>P. syringae</i> . <i>Phytopathology</i> , 2012, 102, 575-587.	1.1	25
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4489	Effect of 17 $\beta$ -estradiol and flavonoids on the regulation of expression of newly identified oestrogen responsive genes in a rat raphe nucleus-derived cell line. <i>Journal of Cellular Physiology</i> , 2012, 227, 3434-3445.	2.0	7
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4496	Homoploid hybrid origin of <i>Yucca gloriosa</i>: intersectional hybrid speciation in <i>Yucca</i> (<i>Agavaceae</i>, <i>Agavaceae</i>). <i>Ecology and Evolution</i> , 2012, 2, 2213-2222.	0.8	33
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4498	Evaluation of experimental genetic management in reintroduced bighorn sheep. <i>Ecology and Evolution</i> , 2012, 2, 429-443.	0.8	15
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4508	Dynamic mRNA and miRNA profiling of CHO-K1 suspension cell cultures. <i>Biotechnology Journal</i> , 2012, 7, 500-515.	1.8	83
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4511	Association mapping in sunflower for sclerotinia head rot resistance. <i>BMC Plant Biology</i> , 2012, 12, 93.	1.6	47
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4524	Isolation, characterization and predicted genome locations of ruff ( <i>Philomachus pugnax</i> , AVES) microsatellite loci. <i>Conservation Genetics Resources</i> , 2012, 4, 763-771.	0.4	5
4525	Development and characterization of 15 polymorphic microsatellite loci in <i>Sonneratia alba</i> (Lythraceae) using next-generation sequencing. <i>Conservation Genetics Resources</i> , 2012, 4, 811-814.	0.4	5
4526	Generation of Calhm1 knockout mouse and characterization of calhm1 gene expression. <i>Protein and Cell</i> , 2012, 3, 470-480.	4.8	7
4527	SSR-based genetic maps of <i>Miscanthus sinensis</i> and <i>M. sacchariflorus</i> , and their comparison to sorghum. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1325-1338.	1.8	57

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4534	Large-scale development of expressed sequence tag-derived simple sequence repeat markers and diversity analysis in <i>Arachis</i> spp.. <i>Molecular Breeding</i> , 2012, 30, 125-138.	1.0	75
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4540	Generation, functional analysis and utility of <i>Citrus grandis</i> EST from a flower-derived cDNA library. <i>Molecular Biology Reports</i> , 2012, 39, 7221-7235.	1.0	14
4541	Molecular classification and phylogenetic relationships of selected edible Basidiomycetes species. <i>Molecular Biology Reports</i> , 2012, 39, 7355-7364.	1.0	30
4542	The mitochondrial genomes of <i>Euphausia pacifica</i> and <i>Thysanoessa raschii</i> sequenced using 454 next-generation sequencing, with a phylogenetic analysis of their position in the Malacostracan family tree. <i>Molecular Biology Reports</i> , 2012, 39, 9009-9021.	1.0	11
4543	Identification and characterization of SSRs from soybean ( <i>Glycine max</i> ) ESTs. <i>Molecular Biology Reports</i> , 2012, 39, 9047-9057.	1.0	45
4544	Hypoxia and hydrogen cyanamide induce bud-break and up-regulate hypoxic responsive genes (HRC) and VvFT in grapevine-buds. <i>Plant Molecular Biology</i> , 2012, 79, 171-178.	2.0	32
4545	Physical mapping of a pollen modifier locus controlling self-incompatibility in apricot and synteny analysis within the Rosaceae. <i>Plant Molecular Biology</i> , 2012, 79, 229-242.	2.0	24

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4546	Transcriptome profiling and methyl homeostasis of an Arabidopsis mutant deficient in S-adenosylhomocysteine hydrolase1 (SAHH1). <i>Plant Molecular Biology</i> , 2012, 79, 315-331.	2.0	25
4547	Detection of the full-length transcript variant for neurokinin-1 receptor in human whole blood associated with enhanced reinforcement of clot by substance-P. <i>Journal of Thrombosis and Thrombolysis</i> , 2012, 33, 329-337.	1.0	5
4548	Development and Characterization of Intron-Flanking EST-PCR Markers in Rubber Tree ( <i>Hevea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.3	8
4549	Genetic diversity analysis and development of SCAR marker for detection of Indian populations of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> causing chickpea wilt. <i>Folia Microbiologica</i> , 2012, 57, 229-235.	1.1	12
4550	Increased function of the TRPV1 channel in small sensory neurons after local inflammation or in vitro exposure to the pro-inflammatory cytokine GRO/KC. <i>Neuroscience Bulletin</i> , 2012, 28, 155-164.	1.5	39
4551	Isolation and PCR-multiplex genotyping of 18 novel microsatellite markers for the threatened southern pygmy perch ( <i>Nannoperca australis</i> ). <i>Conservation Genetics Resources</i> , 2012, 4, 15-17.	0.4	8
4552	Characterization of 11 microsatellite loci for the brown smooth-hound shark, <i>Mustelus henlei</i> (Triakidae), discovered with next-generation sequencing. <i>Conservation Genetics Resources</i> , 2012, 4, 23-25.	0.4	18
4553	Polymorphic microsatellite loci for the endangered pine hoverfly <i>Blera fallax</i> (Diptera: Syrphidae). <i>Conservation Genetics Resources</i> , 2012, 4, 117-120.	0.4	3
4555	Isolation and characterization of twelve polymorphic microsatellite loci for investigating an extreme case of microgeographical variation in an island bird ( <i>Zosterops borbonicus</i> ). <i>Conservation Genetics Resources</i> , 2012, 4, 323-326.	0.4	5
4556	Sugarcane genes differentially expressed in response to <i>Puccinia melanocephala</i> infection: identification and transcript profiling. <i>Plant Cell Reports</i> , 2012, 31, 955-969.	2.8	26
4557	Characterization and genetic analysis of an EIN4-like sequence (CaETR-1) located in QTLAR1 implicated in ascochyta blight resistance in chickpea. <i>Plant Cell Reports</i> , 2012, 31, 1033-1042.	2.8	33
4558	Allele diversity for the apoplastic invertase inhibitor gene from potato. <i>Molecular Genetics and Genomics</i> , 2012, 287, 451-460.	1.0	14
4559	A splice site mutation in a gene encoding for PDK4, a mitochondrial protein, is associated with the development of dilated cardiomyopathy in the Doberman pinscher. <i>Human Genetics</i> , 2012, 131, 1319-1325.	1.8	90
4560	Novel circovirus in European catfish ( <i>Silurus glanis</i> ). <i>Archives of Virology</i> , 2012, 157, 1173-1176.	0.9	41
4561	A Second Generation Integrated Map of the Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) Genome: Analysis of Conserved Synteny with Model Fish Genomes. <i>Marine Biotechnology</i> , 2012, 14, 343-357.	1.1	45
4562	Functional features of a single chromosome arm in wheat (1AL) determined from its structure. <i>Functional and Integrative Genomics</i> , 2012, 12, 173-182.	1.4	24
4563	A novel blast resistance gene, Pi54rh cloned from wild species of rice, <i>Oryza rhizomatis</i> confers broad spectrum resistance to <i>Magnaporthe oryzae</i> . <i>Functional and Integrative Genomics</i> , 2012, 12, 215-228.	1.4	130
4564	Partial deletion of <i>rng</i> (RNase G)-enhanced homoethanol fermentation of xylose by the non-transgenic <i>Escherichia coli</i> RM10. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 977-985.	1.4	8

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4565	Identification of genes involved in a water stress response in timothy and mapping of orthologous loci in perennial ryegrass. <i>Biologia Plantarum</i> , 2012, 56, 473-483.	1.9	16
4566	Salt- and osmotic stress-induced choline monooxygenase expression in <i>Kochia scoparia</i> is ABA-independent. <i>Biologia Plantarum</i> , 2012, 56, 699-704.	1.9	17
4567	Expression of Na <sup>+</sup> /H <sup>+</sup> antiporter gene in response to water and salinity stress in grapevine rootstocks. <i>Biologia Plantarum</i> , 2012, 56, 762-766.	1.9	27
4568	Full-length 3' untranslated region reporter construction with recombineering. <i>Analytical Biochemistry</i> , 2012, 424, 162-167.	1.1	3
4569	Altered expression of NFY-C and RORA in colorectal adenocarcinomas. <i>Acta Histochemica</i> , 2012, 114, 553-561.	0.9	20
4570	Mutations in RIPK4 Cause the Autosomal-Recessive Form of Popliteal Pterygium Syndrome. <i>American Journal of Human Genetics</i> , 2012, 90, 76-85.	2.6	80
4571	From embryo sac to oil and protein bodies: embryo development in the model legume <i>Medicago truncatula</i> . <i>New Phytologist</i> , 2012, 193, 327-338.	3.5	22
4572	Molecular and functional characterization of the human platelet Na <sup>+</sup> /Ca <sup>2+</sup> exchangers. <i>British Journal of Pharmacology</i> , 2012, 165, 922-936.	2.7	27
4573	Origin and population history of a recent colonizer, the yellow warbler in Galápagos and Cocos Islands. <i>Journal of Evolutionary Biology</i> , 2012, 25, 509-521.	0.8	28
4574	The <i>Vitis vinifera</i> repeat binding protein 4 (VvCBF4) transcriptional factor enhances freezing tolerance in wine grape. <i>Plant Biotechnology Journal</i> , 2012, 10, 105-124.	4.1	83
4575	A <i>NOD2</i> gene polymorphism is associated with the prevalence and severity of chronic obstructive pulmonary disease in a Japanese population. <i>Respirology</i> , 2012, 17, 164-171.	1.3	24
4576	Expression of the <i>Aeluropus littoralis</i> ALSAP gene in rice confers broad tolerance to abiotic stresses through maintenance of photosynthesis. <i>Plant, Cell and Environment</i> , 2012, 35, 626-643.	2.8	71
4577	Genome-wide LORE1 retrotransposon mutagenesis and high-throughput insertion detection in <i>Lotus japonicus</i> . <i>Plant Journal</i> , 2012, 69, 731-741.	2.8	149
4578	A phylogeny of the temperate seabasses (Moronidae) characterized by a translocation of the mt <sub>6</sub> gene. <i>Journal of Fish Biology</i> , 2012, 80, 110-130.	0.7	13
4579	Development of a duplex real time PCR for the detection of <i>Rickettsia</i> spp. and typhus group rickettsia in clinical samples. <i>FEMS Immunology and Medical Microbiology</i> , 2012, 64, 92-97.	2.7	38
4580	Novel biomarkers for the detection of wound infection by wound fluid RT-PCR in rats. <i>Experimental Dermatology</i> , 2012, 21, 118-122.	1.4	16
4581	Boron induced expression of some stress-related genes in tomato. <i>Chemosphere</i> , 2012, 86, 433-438.	4.2	38
4582	Association of serum levels of polychlorinated biphenyls with IL-8 mRNA expression in blood samples from asthmatic and non-asthmatic Japanese children. <i>Chemosphere</i> , 2012, 87, 1228-1234.	4.2	13

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4583	Expression of genes associated with the antigen presentation and processing pathway are consistently regulated in early <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2012, 35, 151-162.	0.7	40
4584	Impact of hydroxyl- and superoxide anion-based oxidative stress on logarithmic and stationary phase <i>Escherichia coli</i> O157:H7 stress and virulence gene expression. <i>Food Microbiology</i> , 2012, 29, 141-147.	2.1	36
4585	Study on the role of patulin on pathogenicity and virulence of <i>Penicillium expansum</i> . <i>International Journal of Food Microbiology</i> , 2012, 153, 323-331.	2.1	114
4586	Isolation and characterization of <i>vanA</i> genotype vancomycin-resistant <i>Enterococcus cecorum</i> from retail poultry in Japan. <i>International Journal of Food Microbiology</i> , 2012, 153, 372-377.	2.1	18
4587	Bacteriocin formation by dominant aerobic sporeformers isolated from traditional maari. <i>International Journal of Food Microbiology</i> , 2012, 154, 10-18.	2.1	18
4588	Development of a quantitative polymerase chain reaction assay for detection of <i>Kudoa septempunctata</i> in olive flounder ( <i>Paralichthys olivaceus</i> ). <i>International Journal of Food Microbiology</i> , 2012, 156, 161-167.	2.1	30
4589	Novel antivirals inhibit early steps in HPV infection. <i>Antiviral Research</i> , 2012, 93, 280-287.	1.9	6
4590	Tea catechin epigallocatechin gallate inhibits <i>Streptococcus mutans</i> biofilm formation by suppressing <i>gtf</i> genes. <i>Archives of Oral Biology</i> , 2012, 57, 678-683.	0.8	143
4591	Multiplex Molecular Reactions: Design and Troubleshooting. <i>Clinical Microbiology Newsletter</i> , 2012, 34, 59-65.	0.4	3
4592	Patterned poly(lactic acid) films support growth and spontaneous multilineage gene expression of adipose-derived stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 92-99.	2.5	37
4593	Temperature stress affects the expression of immune response genes in the alfalfa leafcutting bee, <i>Megachile rotundata</i> . <i>Insect Molecular Biology</i> , 2012, 21, 269-280.	1.0	57
4594	Characterization of a mobile and multiple resistance plasmid isolated from swine manure and its detection in soil after manure application. <i>Journal of Applied Microbiology</i> , 2012, 112, 1123-1133.	1.4	30
4595	Simultaneous detection of the IPN and ISA viruses in outbreaks of clinical disease and mortality in farmed Atlantic salmon, <i>Salmo salar</i> L., in Chile. <i>Journal of Fish Diseases</i> , 2012, 35, 461-465.	0.9	3
4596	Development of a novel PCR assay based on the 16S rRNA internal transcribed spacer region for the detection of <i>Lactococcus garvieae</i> . <i>Journal of Fish Diseases</i> , 2012, 35, 481-487.	0.9	19
4597	Expression of delta-like 1 homologue and insulin-like growth factor 2 through epigenetic regulation of the genes during development of mouse molar. <i>European Journal of Oral Sciences</i> , 2012, 120, 292-302.	0.7	10
4598	SOX11 target genes: implications for neurogenesis and neuropsychiatric illness. <i>Acta Neuropsychiatrica</i> , 2012, 24, 16-25.	1.0	10
4599	Detection of outlier loci and their utility for fisheries management. <i>Evolutionary Applications</i> , 2012, 5, 39-52.	1.5	83
4600	High-throughput microsatellite marker development in two sparid species and verification of their transferability in the family Sparidae. <i>Molecular Ecology Resources</i> , 2012, 12, 740-752.	2.2	20

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4602	Enhancing the copy number of episomal plasmids in <i>Saccharomyces cerevisiae</i> for improved protein production. <i>FEMS Yeast Research</i> , 2012, 12, 598-607.	1.1	66
4603	Characterization of a spore-specific protein of the <i>Bacillus cereus</i> group. <i>FEMS Microbiology Letters</i> , 2012, 331, 152-159.	0.7	0
4604	Sequences of Genes Encoding Type-Specific and Group-Specific Antigens of an Indian Isolate of Bluetongue Virus Serotype 10 (BTV-10) and Implications for their Origin. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 165-172.	1.3	15
4605	Effects of malnutrition with or without eicosapentaenoic acid on proteolytic pathways in diaphragm. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 14-24.	0.7	3
4606	Glycosaminoglycans mimetics potentiate the clonogenicity, proliferation, migration and differentiation properties of rat mesenchymal stem cells. <i>Stem Cell Research</i> , 2012, 8, 180-192.	0.3	31
4607	Transcriptional regulation of TRKC by SOX2 in human embryonic stem cells. <i>Stem Cell Research</i> , 2012, 8, 206-214.	0.3	3
4608	Sex-specific perinatal expression of glutathione peroxidases during mouse lung development. <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 87-95.	1.6	19
4609	A transcriptional study in mice with different ethanol-drinking profiles: Possible involvement of the GABAB receptor. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 224-232.	1.3	22
4610	Transcriptional changes related to secondary wall formation in xylem of transgenic lines of tobacco altered for lignin or xylan content which show improved saccharification. <i>Phytochemistry</i> , 2012, 74, 79-89.	1.4	17
4611	Characterization of temperature inducible promoters from a novel rolling circle replicating plasmid of <i>Enterococcus faecium</i> DJ1. <i>Plasmid</i> , 2012, 67, 211-226.	0.4	2
4612	Gene expression analysis in <i>Mytilus chilensis</i> populations reveals local patterns associated with ocean environmental conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 420-421, 56-64.	0.7	24
4613	Analysis of gene expression in canine sino-nasal aspergillosis and idiopathic lymphoplasmacytic rhinitis: A transcriptomic analysis. <i>Veterinary Microbiology</i> , 2012, 157, 143-151.	0.8	13
4614	Select microRNAs are essential for early development in the sea urchin. <i>Developmental Biology</i> , 2012, 362, 104-113.	0.9	55
4615	Pituitary gonadotropins FSH and LH are oppositely regulated by the activin/follistatin system in a basal teleost, the eel. <i>General and Comparative Endocrinology</i> , 2012, 175, 82-91.	0.8	36
4616	Subfunctionalization of POMC paralogues in Senegalese sole ( <i>Solea senegalensis</i> ). <i>General and Comparative Endocrinology</i> , 2012, 175, 407-415.	0.8	22
4617	Regulation of a quorum sensing system by stationary phase sigma factor RpoS and their co-regulation of target genes in <i>Burkholderia pseudomallei</i> . <i>Microbiology and Immunology</i> , 2012, 56, 281-294.	0.7	37
4618	Genetic variant in <i>CASP3</i> affects promoter activity and risk of esophageal squamous cell carcinoma. <i>Cancer Science</i> , 2012, 103, 555-560.	1.7	16

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4619	Analysis of the mating-type loci of co-occurring and phylogenetically related species of <i>Ascochyta</i> and <i>Phoma</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 350-362.	2.0	23
4620	Comparison of transcript profiles in different life stages of the nematode <i>Globodera pallida</i> under different host potato genotypes. <i>Molecular Plant Pathology</i> , 2012, 13, 1120-1134.	2.0	14
4621	Conserved haplotype blocks within the sheep MHC and low SNP heterozygosity in the Class IIa subregion. <i>Animal Genetics</i> , 2012, 43, 429-437.	0.6	9
4622	Evaluation of the porcine <i>ACSL4</i> gene as a candidate gene for meat quality traits in pigs. <i>Animal Genetics</i> , 2012, 43, 714-720.	0.6	18
4623	New genetic recombination in hypervariable regions of the white spot syndrome virus isolated from <i>Litopenaeus vannamei</i> (Boone) in northwest Mexico. <i>Aquaculture Research</i> , 2012, 43, 339-348.	0.9	11
4624	Characterization and genomic annotation of polymorphic EST-SSR loci in <i>Litopenaeus vannamei</i> shrimp. <i>Aquaculture Research</i> , 2012, 43, 1567-1570.	0.9	8
4625	Strong intraspecific variation in genetic diversity and genetic differentiation in <i>Daphnia magna</i> : the effects of population turnover and population size. <i>Molecular Ecology</i> , 2012, 21, 851-861.	2.0	47
4626	Bioinformatic challenges for DNA metabarcoding of plants and animals. <i>Molecular Ecology</i> , 2012, 21, 1834-1847.	2.0	243
4627	Whole Transcriptome Analysis of the Coral <i>Acropora millepora</i> Reveals Complex Responses to CO <sub>2</sub> -driven Acidification during the Initiation of Calcification. <i>Molecular Ecology</i> , 2012, 21, 2440-2454.	2.0	289
4628	The NsrR regulon in nitrosative stress resistance of <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , 2012, 85, 1179-1193.	1.2	80
4629	Footprints of natural and artificial selection for photoperiod pathway genes in <i>Oryza</i> . <i>Plant Journal</i> , 2012, 70, 769-782.	2.8	40
4630	A novel homozygous missense mutation in <i>WNT10B</i> in familial split-hand/foot malformation. <i>Clinical Genetics</i> , 2012, 82, 48-55.	1.0	38
4631	The development of faba bean expressed sequence tag-simple sequence repeats (EST-SSRs) and their validity in diversity analysis. <i>Plant Breeding</i> , 2012, 131, 522-530.	1.0	19
4632	Investigation into Association and Expression of <i>PLCz</i> and <i>COX2</i> as Candidate Genes for Boar Sperm Quality and Fertility. <i>Reproduction in Domestic Animals</i> , 2012, 47, 213-223.	0.6	34
4633	Gene Expression Differences in Oocytes Derived From Adult and Prepubertal Japanese Black Cattle during <i>In Vitro</i> Maturation. <i>Reproduction in Domestic Animals</i> , 2012, 47, 392-402.	0.6	14
4634	Investigation on Association and Expression of <i>ESR2</i> as a Candidate Gene for Boar Sperm Quality and Fertility. <i>Reproduction in Domestic Animals</i> , 2012, 47, 782-790.	0.6	21
4635	Identification of 3' UTR sequence elements and a teloplasm localization motif sufficient for the localization of <i>Hro-twist</i> mRNA to the zygotic animal and vegetal poles. <i>Development Growth and Differentiation</i> , 2012, 54, 519-534.	0.6	4
4636	Expression profile of genes involved in pathogenesis of pediatric Crohn's disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 1083-1093.	1.4	13

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4638	Random and cyclical deletion of large DNA segments in the genome of <i>Pseudomonas putida</i>. <i>Environmental Microbiology</i> , 2012, 14, 1444-1453.	1.8	56
4639	Molecular phylogeny reveals the existence of two sibling species in the aphid pest <i>Brachycaudus helichrysi</i> (Hemiptera: Aphididae). <i>Zoologica Scripta</i> , 2012, 41, 266-280.	0.7	22
4640	Identification of single nucleotide polymorphisms in the bovine Toll-like receptor 1 gene and association with health traits in cattle. <i>Veterinary Research</i> , 2012, 43, 17.	1.1	24
4641	PhiSiGns: an online tool to identify signature genes in phages and design PCR primers for examining phage diversity. <i>BMC Bioinformatics</i> , 2012, 13, 37.	1.2	21
4642	Characterisation of full-length cDNA sequences provides insights into the <i>Eimeria tenella</i> transcriptome. <i>BMC Genomics</i> , 2012, 13, 21.	1.2	20
4643	Development and characterization of BAC-end sequence derived SSRs, and their incorporation into a new higher density genetic map for cultivated peanut ( <i>Arachis hypogaea</i> L.). <i>BMC Plant Biology</i> , 2012, 12, 10.	1.6	102
4644	The immunoregulatory effects of CMV-infection in human fibroblasts and the impact on cellular senescence. <i>Immunity and Ageing</i> , 2012, 9, 1.	1.8	18
4645	Evaluation of suitable reference genes for gene expression studies in porcine alveolar macrophages in response to LPS and LTA. <i>BMC Research Notes</i> , 2012, 5, 107.	0.6	43
4646	Validation of a set of reference genes to study response to herbicide stress in grasses. <i>BMC Research Notes</i> , 2012, 5, 18.	0.6	35
4647	Identification and characterization of a salt stress-inducible zinc finger protein from <i>Festuca arundinacea</i> . <i>BMC Research Notes</i> , 2012, 5, 66.	0.6	26
4648	Development and characterization of highly polymorphic long TC repeat microsatellite markers for genetic analysis of peanut. <i>BMC Research Notes</i> , 2012, 5, 86.	0.6	27
4649	Retarded <i>Onchocerca volvulus</i> L1 to L3 larval development in the <i>Simulium damnosum</i> vector after anti-wolbachial treatment of the human host. <i>Parasites and Vectors</i> , 2012, 5, 12.	1.0	28
4650	Female <i>Anopheles gambiae</i> antennae: increased transcript accumulation of the mosquito-specific odorant-binding-protein OBP2. <i>Parasites and Vectors</i> , 2012, 5, 27.	1.0	8
4651	BMPR2 expression is suppressed by signaling through the estrogen receptor. <i>Biology of Sex Differences</i> , 2012, 3, 6.	1.8	103
4652	SNARE protein expression and localization in human cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 2012, 42, 470-475.	1.6	37
4653	Novel germline <i>PALB2</i> truncating mutations in African American breast cancer patients. <i>Cancer</i> , 2012, 118, 1362-1370.	2.0	32
4654	Mu opioid receptor mRNA expression, binding, and functional coupling to Gâ€proteins in human epileptic hippocampus. <i>Hippocampus</i> , 2012, 22, 122-127.	0.9	17

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4655	Evaluation of conserved and ultra-conserved non-coding sequences in chromosome 15q15-linked periodic catatonia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 77-86.	1.1	3
4656	Time and space: genetic structure of the cohorts of the common sea urchin <i>Paracentrotus lividus</i> in Western Mediterranean. <i>Marine Biology</i> , 2012, 159, 187-197.	0.7	37
4657	Multivariate analysis of the relation between diet and warfarin dose. <i>European Journal of Clinical Pharmacology</i> , 2012, 68, 321-328.	0.8	22
4658	Quantifying Ostreid Herpesvirus (OsHV-1) Genome Copies and Expression during Transmission. <i>Microbial Ecology</i> , 2012, 63, 596-604.	1.4	52
4659	Combined promoter haplotypes of the IL10R genes are associated with protection against severe malaria in Gabonese children. <i>Immunogenetics</i> , 2012, 64, 87-95.	1.2	15
4660	Fine mapping and comparative genomics integration of two quantitative trait loci controlling resistance to powdery mildew in a Spanish barley landrace. <i>Theoretical and Applied Genetics</i> , 2012, 124, 49-62.	1.8	25
4661	Distribution of Hordoinoline genes in the genus <i>Hordeum</i> . <i>Theoretical and Applied Genetics</i> , 2012, 124, 143-151.	1.8	25
4662	Rpv10: a new locus from the Asian <i>Vitis</i> gene pool for pyramiding downy mildew resistance loci in grapevine. <i>Theoretical and Applied Genetics</i> , 2012, 124, 163-176.	1.8	184
4663	Differential gene induction in resistant and susceptible potato cultivars at early stages of infection by <i>Phytophthora infestans</i> . <i>Plant Cell Reports</i> , 2012, 31, 187-203.	2.8	47
4664	Characterization of potential ABA receptors in <i>Vitis vinifera</i> . <i>Plant Cell Reports</i> , 2012, 31, 311-321.	2.8	93
4665	Effect of Water Deficit on Expression of Stress-related Genes in the Cambial Region of Two Contrasting Poplar Clones. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 102-112.	2.8	12
4666	A Class III Semaphorin (Sema3e) Inhibits Mouse Osteoblast Migration and Decreases Osteoclast Formation In Vitro. <i>Calcified Tissue International</i> , 2012, 90, 151-162.	1.5	40
4667	Genetic characterization of bluetongue virus serotype 9 isolates from India. <i>Virus Genes</i> , 2012, 44, 286-294.	0.7	16
4668	Molecular identification of arsenic-resistant estuarine bacteria and characterization of their ars genotype. <i>Ecotoxicology</i> , 2012, 21, 202-212.	1.1	30
4669	Genome-scale identification of resistance gene analogs and the development of their intron length polymorphism markers in maize. <i>Molecular Breeding</i> , 2012, 29, 437-447.	1.0	23
4670	Development of CAPS and dCAPS markers for CYP82E4, CYP82E5v2 and CYP82E10 gene mutants reducing nicotine to nornicotine conversion in tobacco. <i>Molecular Breeding</i> , 2012, 29, 589-599.	1.0	13
4671	Exploiting expressed sequence tag databases for mapping markers associated with fruit development and fruit quality in apple. <i>Molecular Breeding</i> , 2012, 29, 699-715.	1.0	7
4672	Functional characterisation of the bovine neuropeptide Y gene promoter and evaluation of the transcriptional activities of promoter haplotypes. <i>Molecular Biology Reports</i> , 2012, 39, 919-928.	1.0	6

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4673	Characterization and expression profile analysis of a sucrose synthase gene from common bean ( <i>Phaseolus vulgaris</i> L.) during seed development. <i>Molecular Biology Reports</i> , 2012, 39, 1133-1143.	1.0	6
4674	Selection of 29 highly informative InDel markers for human identification and paternity analysis in Chinese Han population by the SNPlex genotyping system. <i>Molecular Biology Reports</i> , 2012, 39, 3143-3152.	1.0	9
4675	Transcript expression profiling of stress responsive genes in response to short-term salt or PEG stress in sugarcane leaves. <i>Molecular Biology Reports</i> , 2012, 39, 3311-3318.	1.0	31
4676	Development of single-locus DNA microsatellite markers using 5' anchored ISSR-PCR method for the mangrove horseshoe crab, <i>Carcinoscorpius rotundicauda</i> (Latreille, 1802) in Peninsular Malaysia. <i>Molecular Biology Reports</i> , 2012, 39, 3815-3820.	1.0	7
4677	Spatial and temporal transcriptomic analysis of the <i>Arabidopsis thaliana</i> – <i>Botrytis cinerea</i> interaction. <i>Molecular Biology Reports</i> , 2012, 39, 4039-4049.	1.0	47
4678	Analysis of multiple polymorphisms in the bovine neuropeptide Y5 receptor gene and structural modelling of the encoded protein. <i>Molecular Biology Reports</i> , 2012, 39, 4411-4421.	1.0	3
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4680	Isolation and characterization of ten novel microsatellite loci in the red-winged tinamou ( <i>Rhynchotus rufescens</i> , Tinamiformes, Aves) and cross-amplification in other tinamous. <i>Molecular Biology Reports</i> , 2012, 39, 4837-4840.	1.0	3
4681	Role of SNAP25 Explored in Eastern Indian Attention Deficit Hyperactivity Disorder Probands. <i>Neurochemical Research</i> , 2012, 37, 349-357.	1.6	21
4682	Differences between sympatric populations of <i>Eotetranychus carpini</i> collected from <i>Vitis vinifera</i> and <i>Carpinus betulus</i> : insights from host-switch experiments and molecular data. <i>Experimental and Applied Acarology</i> , 2012, 56, 209-219.	0.7	3
4683	In vitro and in vivo osteogenic activity of licochalcone A. <i>Amino Acids</i> , 2012, 42, 1455-1465.	1.2	36
4684	<i>Candida glabrata</i> strain relatedness by new microsatellite markers. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 83-91.	1.3	36
4685	Influence of over-expression of the FLOWERING PROMOTING FACTOR 1 gene (FPF1) from <i>Arabidopsis</i> on wood formation in hybrid poplar ( <i>Populus tremula</i> L. × <i>P. tremuloides</i> Michx.). <i>Planta</i> , 2012, 235, 359-373.	1.6	25
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4688	Foraging segregation and genetic divergence between geographically proximate colonies of a highly mobile seabird. <i>Oecologia</i> , 2012, 168, 119-130.	0.9	59
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4693	Insect growth regulators as potential insecticides to control olive fruit fly ( <i>Bactrocera oleae</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 27-34.	1.7	6
4694	Novel SNP development and analysis at a NADP <sup>+</sup> -specific IDH enzyme gene in a four species mixed oak forest. <i>Plant Biology</i> , 2013, 15, 126-137.	1.8	9
4695	Identification of androgen receptor variants in testis from humans and other vertebrates. <i>Andrologia</i> , 2013, 45, 187-194.	1.0	10
4696	Temperature treatments during larval development reveal extensive heritable and plastic variation in gene expression and life history traits. <i>Molecular Ecology</i> , 2013, 22, 602-619.	2.0	50
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4698	Late-onset progressive retinal atrophy in the Gordon and Irish Setter breeds is associated with a frameshift mutation in <i>C2orf71</i> . <i>Animal Genetics</i> , 2013, 44, 169-177.	0.6	45
4699	Effects of hepatocyte nuclear factor-1A and -4A on pancreatic stone protein/regenerating protein and C-reactive protein gene expression: implications for maturity-onset diabetes of the young. <i>Journal of Translational Medicine</i> , 2013, 11, 156.	1.8	9
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4701	Detection and whole genome sequence analysis of an enterovirus 68 cluster. <i>Virology Journal</i> , 2013, 10, 103.	1.4	27
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4703	Haploinsufficiency of two histone modifier genes on 6p22.3, <i>ATXN1</i> and <i>JARID2</i> , is associated with intellectual disability. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 3.	1.2	18
4704	Multilocus microsatellite signature and identification of specific molecular markers for <i>Leishmania aethiopia</i> . <i>Parasites and Vectors</i> , 2013, 6, 160.	1.0	10
4705	Adenosine A2A receptors promote collagen production by a Fli1- and CTGF-mediated mechanism. <i>Arthritis Research and Therapy</i> , 2013, 15, R58.	1.6	38
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4707	Isolation and characterization of nine polymorphic microsatellite markers for the deep-sea shrimp <i>Nematocarcinus lanceopes</i> (Crustacea: Decapoda: Caridea). <i>BMC Research Notes</i> , 2013, 6, 75.	0.6	7
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4710	Comparative analysis of EST-derived markers for allelic variation in <i>Jatropha curcas</i> L. and cross transferability among economically important species of Euphorbiaceae. <i>Genes and Genomics</i> , 2013, 35, 1-12.	0.5	5
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4712	Polymorphic microsatellite markers in the guava fruit fly, <i>Bactrocera correcta</i> (Diptera: Tephritidae). <i>Applied Entomology and Zoology</i> , 2013, 48, 409-412.	0.6	4
4713	Chicken innate immune response to oral infection with <i>Salmonella enterica</i> serovar Enteritidis. <i>Veterinary Research</i> , 2013, 44, 37.	1.1	95
4714	CD27 expression discriminates porcine T helper cells with functionally distinct properties. <i>Veterinary Research</i> , 2013, 44, 18.	1.1	82
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4716	An electrospun scaffold integrating nucleic acid delivery for treatment of full-thickness wounds. <i>Biomaterials</i> , 2013, 34, 3891-3901.	5.7	89
4717	Exploring the zebrafish embryo as an alternative model for the evaluation of liver toxicity by histopathology and expression profiling. <i>Archives of Toxicology</i> , 2013, 87, 807-823.	1.9	77
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4726	<i>Populus euphratica</i> : the transcriptomic response to drought stress. <i>Plant Molecular Biology</i> , 2013, 83, 539-557.	2.0	84

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4728	Genetic association and gene-gene interaction analyses suggest likely involvement of ITGB3 and TPH2 with autism spectrum disorder (ASD) in the Indian population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 131-143.	2.5	24
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4730	Detection of viruses directly from the fresh leaves of a <i>Phalaenopsis</i> orchid using a microfluidic system. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 1274-1282.	1.7	30
4731	Specific primer design for the polymerase chain reaction. <i>Biotechnology Letters</i> , 2013, 35, 1541-1549.	1.1	54
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4734	Phylogenetic Analysis of Feline Coronavirus Strains in an Epizootic Outbreak of Feline Infectious Peritonitis. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 445-450.	0.6	31
4735	Cytogenetic analysis of <i>Anopheles ovengensis</i> revealed high structural divergence of chromosomes in the <i>Anopheles nili</i> group. <i>Infection, Genetics and Evolution</i> , 2013, 16, 341-348.	1.0	12
4736	Molecular identification of traces from the White-tailed Sea Eagle. <i>Forensic Science, Medicine, and Pathology</i> , 2013, 9, 231-237.	0.6	1
4737	Something in the water: biosecurity monitoring of ornamental fish imports using environmental DNA. <i>Biological Invasions</i> , 2013, 15, 1209-1215.	1.2	45
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4739	Role of <i>Soybean mosaic virus</i> Encoded Proteins in Seed and Aphid Transmission in Soybean. <i>Phytopathology</i> , 2013, 103, 941-948.	1.1	31
4740	A DNA tracer used in column tests for hydrogeology applications. <i>Environmental Earth Sciences</i> , 2013, 70, 3143-3154.	1.3	32
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4743	Isolation and characterization of 25 polymorphic microsatellites of the large Japanese wood mouse ( <i>Apodemus speciosus</i> ). <i>Conservation Genetics Resources</i> , 2013, 5, 1001-1003.	0.4	0
4744	Isolation and characterization of 17 tetranucleotide microsatellite loci in the Mexican golden trout ( <i>Oncorhynchus chrysogaster</i> , Needham & Gard 1964) derived from 454 pyrosequencing. <i>Conservation Genetics Resources</i> , 2013, 5, 1009-1012.	0.4	0

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4746	Isolation and characterization of 15 tetranucleotide microsatellite loci in the desert iguana ( <i>Dipsosaurus dorsalis</i> , Baird and Girard) by 454 pyrosequencing. <i>Conservation Genetics Resources</i> , 2013, 5, 719-721.	0.4	1
4747	Characterization of thirty two microsatellite loci for three Atlanto-Mediterranean echinoderm species. <i>Conservation Genetics Resources</i> , 2013, 5, 749-753.	0.4	7
4748	Development of microsatellite markers for blue duiker ( <i>Cephalophus monticola</i> ) using next-generation sequencing and cross-amplification in other duikers. <i>Conservation Genetics Resources</i> , 2013, 5, 779-781.	0.4	3
4749	Development of polymorphic microsatellite loci for three species of vent-endemic megafauna from deep-sea hydrothermal vents in the Scotia Sea, Southern Ocean. <i>Conservation Genetics Resources</i> , 2013, 5, 835-839.	0.4	3
4750	Isolation and validation of microsatellite markers from a depleted South African sciaenid species, the dusky kob ( <i>Argyrosomus japonicus</i> ), by means of the FIASCO/454 approach. <i>Conservation Genetics Resources</i> , 2013, 5, 841-844.	0.4	6
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4753	Characterization of new microsatellite loci for population genetic studies in the Smooth Cauliflower Coral ( <i>Stylophora</i> sp.). <i>Conservation Genetics Resources</i> , 2013, 5, 561-563.	0.4	5
4754	Isolation and characterization of microsatellite loci from <i>Iguana delicatissima</i> ( <i>Reptilia</i> : <i>Iguanidae</i> ), new perspectives for investigation of hybridization events with <i>Iguana iguana</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 173-175.	0.4	13
4755	Isolation and characterization of nine microsatellite loci in a Malagasy endemic rodent, <i>Eliurus carletoni</i> ( <i>Rodentia</i> : <i>Nesomyinae</i> ). <i>Conservation Genetics Resources</i> , 2013, 5, 203-205.	0.4	1
4756	Isolation and characterisation of 36 polymorphic microsatellite markers using 454 sequencing in the bar-shouldered skink, <i>Ctenotus inornatus</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 207-210.	0.4	3
4757	Development and characterization of 14 microsatellite loci in the beach wolf spider ( <i>Arctosa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262	0.4	3
4758	Mitochondrial DNA and Y-chromosomal diversity in ancient populations of domestic sheep ( <i>Ovis aries</i> ) in Finland: comparison with contemporary sheep breeds. <i>Genetics Selection Evolution</i> , 2013, 45, 2.	1.2	33
4759	Evolution by selection, recombination, and gene duplication in MHC class I genes of two <i>Rhacophoridae</i> species. <i>BMC Evolutionary Biology</i> , 2013, 13, 113.	3.2	35
4760	Evolutionary history of black grouse major histocompatibility complex class IIB genes revealed through single locus sequence-based genotyping. <i>BMC Genetics</i> , 2013, 14, 29.	2.7	16
4761	Analysis and annotation of the hexaploid oat seed transcriptome. <i>BMC Genomics</i> , 2013, 14, 471.	1.2	62
4762	Genomics of sablefish ( <i>Anoplopoma fimbria</i> ): expressed genes, mitochondrial phylogeny, linkage map and identification of a putative sex gene. <i>BMC Genomics</i> , 2013, 14, 452.	1.2	99

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4764	The complete mitochondrial genome of <i>Solemya velum</i> (Mollusca: Bivalvia) and its relationships with Conchifera. <i>BMC Genomics</i> , 2013, 14, 409.	1.2	53
4765	An integrated genetic linkage map for white clover ( <i>Trifolium repens</i> L.) with alignment to Medicago. <i>BMC Genomics</i> , 2013, 14, 388.	1.2	24
4766	Genomic analysis of the native European <i>Solanum</i> species, <i>S. dulcamara</i> . <i>BMC Genomics</i> , 2013, 14, 356.	1.2	25
4767	Novel genomic resources for a climate change sensitive mammal: characterization of the American pika transcriptome. <i>BMC Genomics</i> , 2013, 14, 311.	1.2	20
4768	Transcriptome-wide comparison of sequence variation in divergent ecotypes of kokanee salmon. <i>BMC Genomics</i> , 2013, 14, 308.	1.2	18
4769	Transcriptome analysis reveals ginsenosides biosynthetic genes, microRNAs and simple sequence repeats in <i>Panax ginseng</i> C. A. Meyer. <i>BMC Genomics</i> , 2013, 14, 245.	1.2	115
4770	Transcriptional profiling of bud dormancy induction and release in oak by next-generation sequencing. <i>BMC Genomics</i> , 2013, 14, 236.	1.2	82
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4772	Characterization of expressed sequence tags from developing fibers of <i>Gossypium barbadense</i> and evaluation of insertion-deletion variation in tetraploid cultivated cotton species. <i>BMC Genomics</i> , 2013, 14, 170.	1.2	8
4773	Gene rearrangements in hormone receptor negative breast cancers revealed by mate pair sequencing. <i>BMC Genomics</i> , 2013, 14, 165.	1.2	33
4774	Pearl millet [ <i>Pennisetum glaucum</i> (L.) R. Br.] consensus linkage map constructed using four RIL mapping populations and newly developed EST-SSRs. <i>BMC Genomics</i> , 2013, 14, 159.	1.2	94
4775	Analysis of the leaf transcriptome of <i>Musa acuminata</i> during interaction with <i>Mycosphaerella musicola</i> : gene assembly, annotation and marker development. <i>BMC Genomics</i> , 2013, 14, 78.	1.2	46
4776	In silico mining of putative microsatellite markers from whole genome sequence of water buffalo ( <i>Bubalus bubalis</i> ) and development of first BuffSatDB. <i>BMC Genomics</i> , 2013, 14, 43.	1.2	17
4777	Transcriptional profiling of the <i>Arabidopsis</i> abscission mutant <i>hae hsl2</i> by RNA-Seq. <i>BMC Genomics</i> , 2013, 14, 37.	1.2	78
4778	Multilocus Variable-Number-Tandem-Repeats Analysis (MLVA) distinguishes a clonal complex of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> strains isolated from recent outbreaks of bacterial wilt and canker in Belgium. <i>BMC Microbiology</i> , 2013, 13, 126.	1.3	32
4779	Global transcriptional responses to the bacteriocin colicin M in <i>Escherichia coli</i> . <i>BMC Microbiology</i> , 2013, 13, 42.	1.3	24
4780	Characterization of a new high copy Stowaway family MITE, BRAMI-1 in <i>Brassica</i> genome. <i>BMC Plant Biology</i> , 2013, 13, 56.	1.6	32

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4782	LMNA mutations in Polish patients with dilated cardiomyopathy: prevalence, clinical characteristics, and in vitro studies. <i>BMC Medical Genetics</i> , 2013, 14, 55.	2.1	11
4783	Capturing chloroplast variation for molecular ecology studies: a simple next generation sequencing approach applied to a rainforest tree. <i>BMC Ecology</i> , 2013, 13, 8.	3.0	123
4784	Metabolic engineering of <i>Kluyveromyces lactis</i> for L-ascorbic acid (vitamin C) biosynthesis. <i>Microbial Cell Factories</i> , 2013, 12, 59.	1.9	30
4785	Improved production of secreted heterologous enzyme in <i>Bacillus subtilis</i> strain MGB874 via modification of glutamate metabolism and growth conditions. <i>Microbial Cell Factories</i> , 2013, 12, 18.	1.9	29
4786	Mitochondrial genome sequences reveal deep divergences among <i>Anopheles punctulatus</i> sibling species in Papua New Guinea. <i>Malaria Journal</i> , 2013, 12, 64.	0.8	35
4787	The basidiomycete <i>Ustilago maydis</i> has two plasma membrane H <sup>+</sup> -ATPases related to fungi and plants. <i>Journal of Bioenergetics and Biomembranes</i> , 2013, 45, 477-490.	1.0	7
4788	Functional modulation of voltage-dependent sodium channel expression by wild type and mutated C121W- $\beta$ 1 subunit. <i>Journal of Bioenergetics and Biomembranes</i> , 2013, 45, 353-368.	1.0	13
4789	A PCR-based method for estimating parasitism rates in the olive fly parasitoids <i>Psytalia concolor</i> and <i>P. lounsburyi</i> (Hymenoptera: Braconidae). <i>Biological Control</i> , 2013, 67, 44-50.	1.4	10
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4791	Surveillance of equine influenza viruses through the RESPE network in France from November 2005 to October 2010. <i>Equine Veterinary Journal</i> , 2013, 45, 776-783.	0.9	36
4792	Neuregulin 1-alpha regulates phosphorylation, acetylation, and alternative splicing in lymphoblastoid cells. <i>Genome</i> , 2013, 56, 619-625.	0.9	5
4793	Systemic gene knockdown in <i>Camponotus floridanus</i> workers by feeding of dsRNA. <i>Insectes Sociaux</i> , 2013, 60, 475-484.	0.7	25
4794	Effects of early life exposure to ultraviolet C radiation on mitochondrial DNA content, transcription, ATP production, and oxygen consumption in developing <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology &amp; Toxicology</i> , 2013, 14, 9.	1.0	42
4795	Morphine and Fentanyl Differently Affect MOP and NOP Gene Expression in Human Neuroblastoma SH-SY5Y Cells. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 532-538.	1.1	16
4796	Characterization of In Vitro Expanded Bone Marrow-Derived Mesenchymal Stem Cells Isolated from Experimental Autoimmune Encephalomyelitis Mice. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 282-297.	1.1	7
4797	Defining Suitable Reference Genes for RT-qPCR Analysis on Intestinal Epithelial Cells. <i>Molecular Biotechnology</i> , 2013, 54, 930-938.	1.3	12
4798	Selection of Internal Reference Genes for Normalization of Quantitative Reverse Transcription Polymerase Chain Reaction (qRT-PCR) Analysis in the Canine Brain and Other Organs. <i>Molecular Biotechnology</i> , 2013, 54, 47-57.	1.3	18

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4800	An EST dataset for <i>Metasequoia glyptostroboides</i> buds: the first EST resource for molecular genomics studies in <i>Metasequoia</i> . <i>Planta</i> , 2013, 237, 755-770.	1.6	10
4801	Cellular activation in limbic brain systems during social play behaviour in rats. <i>Brain Structure and Function</i> , 2014, 219, 1181-211.	1.2	63
4802	A taxonomic survey of Saudi Arabian Red Sea octocorals (Cnidaria: Alcyonacea). <i>Marine Biodiversity</i> , 2013, 43, 279-291.	0.3	25
4803	De Novo Sequencing and Global Transcriptome Analysis of <i>Nannochloropsis</i> sp. (Eustigmatophyceae) Following Nitrogen Starvation. <i>Bioenergy Research</i> , 2013, 6, 494-505.	2.2	37
4804	High-density genetic maps for loci involved in nuclear male sterility (NMS1) and sporophytic self-incompatibility (S-locus) in chicory ( <i>Cichorium intybus</i> L., Asteraceae). <i>Theoretical and Applied Genetics</i> , 2013, 126, 2103-2121.	1.8	39
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4806	Interaction between QTLs induces an advance in ethylene biosynthesis during melon fruit ripening. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1531-1544.	1.8	56
4807	Dynamic genetic features of chromosomes revealed by comparison of soybean genetic and sequence-based physical maps. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1103-1119.	1.8	21
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4818	Cloning of <i>dfdA</i> genes from <i>Terrabacter</i> sp. strain DBF63 encoding dibenzofuran 4,4a-dioxygenase and heterologous expression in <i>Streptomyces lividans</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4485-4498.	1.7	13
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4853	The effect of enterotoxigenic <i>Escherichia coli</i> F4ab,ac on early-weaned piglets: A gene expression study. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 87-92.	0.5	5

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4888	Complement Component 3C3 and C3a Receptor Are Required in Chitin-Dependent Allergic Sensitization to <i>Aspergillus fumigatus</i> but Dispensable in Chitin-Induced Innate Allergic Inflammation. <i>MBio</i> , 2013, 4, .	1.8	28
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4938	Molecular characterization of <i>Als1</i> , an acetohydroxyacid synthase mutation conferring resistance to sulfonylurea herbicides in soybean. <i>Theoretical and Applied Genetics</i> , 2013, 126, 2957-2968.	1.8	16
4939	Functional Characterization of a Porcine Emphysema Model. <i>Lung</i> , 2013, 191, 669-675.	1.4	12
4940	Polymorphic variant at the IL2 region is associated with type 1 diabetes and may affect serum levels of interleukin-2. <i>Molecular Biology Reports</i> , 2013, 40, 6957-6963.	1.0	18
4941	Development of SSR markers by next-generation sequencing of Korean landraces of chamoe ( <i>Cucumis</i> ) Tj ETQq1 1 0,784314,rgBT /Over	1.0	10
4942	Selection of suitable reference genes for mRNA quantification studies using common marmoset tissues. <i>Molecular Biology Reports</i> , 2013, 40, 6747-6755.	1.0	12
4943	Design of RNA splicing analysis null models for post hoc filtering of <i>Drosophila</i> head RNA-Seq data with the splicing analysis kit (Spanki). <i>BMC Bioinformatics</i> , 2013, 14, 320.	1.2	40

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4944	Detecting somatic point mutations in cancer genome sequencing data: a comparison of mutation callers. <i>Genome Medicine</i> , 2013, 5, 91.	3.6	146
4945	Significant variance in genetic diversity among populations of <i>Schistosoma haematobium</i> detected using microsatellite DNA loci from a genome-wide database. <i>Parasites and Vectors</i> , 2013, 6, 300.	1.0	26
4946	Comparative toxicogenomic responses of mercuric and methyl-mercury. <i>BMC Genomics</i> , 2013, 14, 698.	1.2	36
4947	Regulation of the spatial code for BDNF mRNA isoforms in the rat hippocampus following pilocarpine treatment: A systematic analysis using laser microdissection and quantitative real-time PCR. <i>Hippocampus</i> , 2013, 23, 413-423.	0.9	48
4948	Association of genetic variation in pharmacodynamic factors with methadone dose required for effective treatment of opioid addiction. <i>Pharmacogenomics</i> , 2013, 14, 755-768.	0.6	44
4949	Genotyping of outbreak-associated and sporadic <i>Yersinia pseudotuberculosis</i> strains by novel multilocus variable-number tandem repeat analysis (MLVA). <i>Journal of Microbiological Methods</i> , 2013, 95, 245-250.	0.7	13
4950	A functional siRNA screen identifies genes modulating angiotensin II-mediated EGFR transactivation. <i>Journal of Cell Science</i> , 2013, 126, 5377-90.	1.2	30
4951	New Insights into the Carrier-Mediated Transport of Estrone-3-sulfate in the Caco-2 Cell Model. <i>Molecular Pharmaceutics</i> , 2013, 10, 3285-3295.	2.3	13
4952	Characterization of Microsatellite Loci in the Lichen Fungus <i>Lobaria pulmonaria</i> (Lobariaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1200290.	0.8	15
4953	The simultaneous detection of mitochondrial DNA damage from sun-exposed skin of three whale species and its association with UV-induced microscopic lesions and apoptosis. <i>Mitochondrion</i> , 2013, 13, 342-349.	1.6	14
4954	Genetic characterization by composite sequence analysis of a new pathogenic field strain of equine infectious anemia virus from the 2006 outbreak in Ireland. <i>Journal of General Virology</i> , 2013, 94, 612-622.	1.3	27
4955	Renal cell carcinoma with areas mimicking renal angiomyoadenomatous tumor/clear cell papillary renal cell carcinoma. <i>Human Pathology</i> , 2013, 44, 1412-1420.	1.1	36
4956	Qualitatively different immune response of the bumblebee host, <i>Bombus terrestris</i> , to infection by different genotypes of the trypanosome gut parasite, <i>Crithidia bombi</i> . <i>Infection, Genetics and Evolution</i> , 2013, 20, 249-256.	1.0	32
4957	Experimental varicocele in rats affects mechanisms that control expression and function of the androgen receptor. <i>Andrology</i> , 2013, 1, 670-681.	1.9	11
4958	The G Protein-Coupled Receptor 55 Ligand <i>hGPR116</i> Lysophosphatidylinositol Exerts Microglia-Dependent Neuroprotection After Excitotoxic Lesion. <i>Glia</i> , 2013, 61, 1822-1831.	2.5	49
4959	Mutation in Folate Metabolism Causes Epigenetic Instability and Transgenerational Effects on Development. <i>Cell</i> , 2013, 155, 81-93.	13.5	225
4960	Large-scale resource development in <i>Gossypium hirsutum</i> by 454 sequencing of genic-enriched libraries from six diverse genotypes. <i>Plant Biotechnology Journal</i> , 2013, 11, 953-963.	4.1	23
4961	Cannabinoid CB1 receptor is expressed in chromophobe renal cell carcinoma and renal oncocytoma. <i>Clinical Biochemistry</i> , 2013, 46, 638-641.	0.8	12

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4962	<scp>ABCG</scp>9, <scp>ABCG</scp>11 and <scp>ABCG</scp>14 <scp>ABC</scp> transporters are required for vascular development in <scp>A</scp>rhabdopsis. <i>Plant Journal</i> , 2013, 76, 811-824.	2.8	62
4963	Detection of germline rearrangements in patients with $\hat{1}\pm$ - and $\hat{1}^2$ -thalassemia using high resolution array CGH. <i>Blood Cells, Molecules, and Diseases</i> , 2013, 51, 39-47.	0.6	16
4964	Proteomic changes in <i>Actinidia chinensis</i> shoot during systemic infection with a pandemic <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> strain. <i>Journal of Proteomics</i> , 2013, 78, 461-476.	1.2	50
4965	Genome-wide identification and characterization of nucleotide binding site leucine-rich repeat genes in linseed reveal distinct patterns of gene structure. <i>Genome</i> , 2013, 56, 91-99.	0.9	10
4966	Large-scale development of PIP and SSR markers and their complementary applied in <i>Nicotiana</i> . <i>Russian Journal of Genetics</i> , 2013, 49, 827-838.	0.2	6
4967	Effects of Glaucoma on <i>Chrna6</i> Expression in the Retina. <i>Current Eye Research</i> , 2013, 38, 150-157.	0.7	13
4968	Genetic monogamy despite variable ecological conditions and social environment in the cooperatively breeding apostlebird. <i>Ecology and Evolution</i> , 2013, 3, 4669-4682.	0.8	6
4969	Proteome analysis of functionally differentiated bovine (<i>Bos indicus</i>) mammary epithelial cells isolated from milk. <i>Proteomics</i> , 2013, 13, 3189-3204.	1.3	25
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4971	MyoD Is a Tumor Suppressor Gene in Medulloblastoma. <i>Cancer Research</i> , 2013, 73, 6828-6837.	0.4	21
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4973	A Comparison of DNA Sequences, SSR and AFLP for Systematic Study of <i>Dipelta</i> (Caprifoliaceae). <i>Annales Botanici Fennici</i> , 2013, 50, 351-359.	0.0	6
4974	Isolation, via 454 Sequencing, and Characterization of Microsatellites for <i>Vachellia farnesiana</i> (Fabaceae: Mimosoideae). <i>Applications in Plant Sciences</i> , 2013, 1, 1300035.	0.8	3
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4977	Microsatellite Markers for the New Zealand Endemic Tree <i>Fuchsia excorticata</i> (Onagraceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1300045.	0.8	2
4978	Novel microsatellite loci for <i>Sebaea aurea</i> (Gentianaceae) and crossâ€amplification in related species. <i>Applications in Plant Sciences</i> , 2013, 1, 1300056.	0.8	2
4979	Development of microsatellite markers for two Australian <i>Persoonia</i> (Proteaceae) species using two different techniques. <i>Applications in Plant Sciences</i> , 2013, 1, 1300023.	0.8	4

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4981	Isolation of 18 microsatellite loci in the desert mistletoe <i>Phoradendron californicum</i> (Santalaceae) via 454 pyrosequencing. Applications in Plant Sciences, 2013, 1, 1300048.	0.8	3
4982	Estimating the Nucleotide Diversity in <i>Ceratodon purpureus</i> (Ditrichaceae) from 218 Conserved Exon-Primed, Intron-Spanning Nuclear Loci. Applications in Plant Sciences, 2013, 1, 1200387.	0.8	17
4983	Development of Microsatellite Markers in the Oil-Producing Species <i>Vernicia fordii</i> (Euphorbiaceae), A Potential Biodiesel Feedstock. Applications in Plant Sciences, 2013, 1, 1200004.	0.8	6
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4985	Development and Characterization of Microsatellite Primers in <i>Geranium carolinianum</i> (Geraniaceae) with 454 Sequencing. Applications in Plant Sciences, 2013, 1, 1300006.	0.8	6
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4987	Development of 13 Microsatellite Markers in the Endangered Sinai Primrose ( <i>Primula boveana</i> ), Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	3
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4994	New microsatellite loci for <i>Prosopis alba</i> and <i>P. chilensis</i> (Fabaceae). Applications in Plant Sciences, 2013, 1, 1200324.	0.8	34
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4996	Development and characterization of microsatellite markers for <i>Lilium longiflorum</i> (Liliaceae). Applications in Plant Sciences, 2013, 1, 1300014.	0.8	4
4997	Isolation and characterization of microsatellite loci for <i>Cornus sanguinea</i> (Cornaceae). Applications in Plant Sciences, 2013, 1, 1300012.	0.8	4

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5002	Prevalence and persistence of male DNA identified in mixed saliva samples after intense kissing. Forensic Science International: Genetics, 2013, 7, 124-128.	1.6	25
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5006	Endometrial epithelial cells are potent producers of tracheal antimicrobial peptide and serum amyloid A3 gene expression in response to <i>E. coli</i> stimulation. Veterinary Immunology and Immunopathology, 2013, 151, 157-162.	0.5	50
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5020	Neutrophils, neutrophil extracellular traps and interleukin-17 associate with the organisation of thrombi in acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2013, 109, 290-297.	1.8	205
5021	Molecular and microscopic evidence of viruses in marine copepods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1375-1380.	3.3	67
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5023	Flowering retardation by high temperature in chrysanthemums: involvement of FLOWERING LOCUS T-like 3 gene repression. <i>Journal of Experimental Botany</i> , 2013, 64, 909-920.	2.4	66
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5025	Identification of the <i>virB</i> operon genes encoding the type IV secretion system, in Colombian <i>Brucella canis</i> isolates. <i>Veterinary Microbiology</i> , 2013, 163, 196-199.	0.8	8
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5027	Further development of forensic eye color predictive tests. <i>Forensic Science International: Genetics</i> , 2013, 7, 28-40.	1.6	119
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5029	Contiguous <i>ABCD1</i> <i>DXS1357E</i> deletion syndrome: Report of an autopsy case. <i>Neuropathology</i> , 2013, 33, 292-298.	0.7	27
5030	The effect of zinc limitation on the transcriptome of <i>Pseudomonas protegens</i> ... <i>Environmental Microbiology</i> , 2013, 15, 702-715.	1.8	53
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5036	Development of InDel markers for <i>Brassica rapa</i> based on whole-genome re-sequencing. <i>Theoretical and Applied Genetics</i> , 2013, 126, 231-239.	1.8	103
5037	Identification of wild soybean ( <i>Glycine soja</i> ) TIFY family genes and their expression profiling analysis under bicarbonate stress. <i>Plant Cell Reports</i> , 2013, 32, 263-272.	2.8	38
5038	ACAC <sup>2</sup> gene (rs2268388) and AGTR1 gene (rs5186) polymorphism and the risk of nephropathy in Asian Indian patients with type 2 diabetes. <i>Molecular and Cellular Biochemistry</i> , 2013, 372, 191-198.	1.4	41
5039	Reference gene selection for RT-qPCR analysis of <i>Chrysanthemum lavandulifolium</i> during its flowering stages. <i>Molecular Breeding</i> , 2013, 31, 205-215.	1.0	31
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5042	Effect of progesterone on Th1/Th2/Th17 and Regulatory T cell-related genes in peripheral blood mononuclear cells during pregnancy in cows. <i>Veterinary Research Communications</i> , 2013, 37, 43-49.	0.6	67
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5052	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. <i>American Journal of Human Genetics</i> , 2013, 93, 264-277.	2.6	139

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5054	Distinct phenotypes in zebrafish models of human startle disease. <i>Neurobiology of Disease</i> , 2013, 60, 139-151.	2.1	32
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5069	Molecular Systematics of the Calliphoridae (Diptera: Oestroidea): Evidence From One Mitochondrial and Three Nuclear Genes. <i>Journal of Medical Entomology</i> , 2013, 50, 15-23.	0.9	51
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5073	Novel Insights into Breast Cancer Genetic Variance through RNA Sequencing. <i>Scientific Reports</i> , 2013, 3, 2256.	1.6	63
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5075	Identification and expression of multiple CYP1-like and CYP3-like genes in the bivalve mollusk <i>Mytilus edulis</i> . <i>Aquatic Toxicology</i> , 2013, 128-129, 101-112.	1.9	68
5076	Transcriptomic analysis of clonal growth rate variation during CHO cell line development. <i>Journal of Biotechnology</i> , 2013, 166, 105-113.	1.9	26
5077	Identification and characterisation of a highly divergent geminivirus: Evolutionary and taxonomic implications. <i>Virus Research</i> , 2013, 177, 35-45.	1.1	76
5078	Genetic diversity among clonal isolates of <i>Karenia brevis</i> as measured with microsatellite markers. <i>Harmful Algae</i> , 2013, 21-22, 30-35.	2.2	3
5079	The TGF $\beta$ 1 pathway is required for NF $\kappa$ B dependent gene expression in mouse keratinocytes. <i>Cytokine</i> , 2013, 64, 652-659.	1.4	25
5080	Three calcium-sensitive genes, <i>fus</i> , <i>brd3</i> and <i>wdr5</i> , are highly expressed in neural and renal territories during amphibian development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1665-1671.	1.9	11
5081	Polymorphic microsatellite markers in pineapple ( <i>Ananas comosus</i> (L.) Merrill). <i>Scientia Horticulturae</i> , 2013, 156, 127-130.	1.7	7
5082	Age-associated differential production of IFN $\gamma$ , IL-10 and GM-CSF by porcine alveolar macrophages in response to lipopolysaccharide. <i>Veterinary Journal</i> , 2013, 198, 245-251.	0.6	5
5083	Tachykinin (NK1, NK2 and NK3) receptor, transient receptor potential vanilloid 1 (TRPV1) and early transcription factor, cFOS, mRNA expression in rat tissues following systemic capsaicin treatment. <i>Regulatory Peptides</i> , 2013, 183, 35-41.	1.9	7
5084	Autologous platelet-poor plasma decreases the bronchial stump necrosis in rat. <i>Journal of Surgical Research</i> , 2013, 183, 68-74.	0.8	1
5085	Identification and characterization of TLR7, TLR8a2, TLR8b1 and TLR8b2 genes in Atlantic salmon ( <i>Salmo</i> ) Tj ETQq0,0,0 rgBT /Overlock 1	1.0	48
5086	Spermidine is required for morphogenesis in the human pathogenic fungus, <i>Penicillium marneffei</i> . <i>Fungal Genetics and Biology</i> , 2013, 58-59, 25-32.	0.9	22
5087	Stress effects caused by the expression of a mutant cellobiohydrolase I and proteasome inhibition in <i>Trichoderma reesei</i> Rut-C30. <i>New Biotechnology</i> , 2013, 30, 183-191.	2.4	14
5088	Ptaquiloside reduces NK cell activities by enhancing metallothionein expression, which is prevented by selenium. <i>Toxicology</i> , 2013, 304, 100-108.	2.0	13

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5089	Novel hydrolysis-probe based qPCR assay to detect saxitoxin transcripts of dinoflagellates in environmental samples. <i>Harmful Algae</i> , 2013, 28, 108-117.	2.2	16
5090	A balanced de novo inv(7)(p14.3q22.3) disrupting PDE1C and ATXN7L1 in a 14-year old developmentally delayed boy. <i>European Journal of Medical Genetics</i> , 2013, 56, 361-364.	0.7	3
5091	Adult granulosa cell tumours (GCT): Clinicopathological outcomes including FOXL2 mutational status and expression. <i>Gynecologic Oncology</i> , 2013, 131, 325-329.	0.6	30
5092	Novel homozygous mutations in the genes ARL6 and BBS10 underlying Bardet-Biedl syndrome. <i>Gene</i> , 2013, 515, 84-88.	1.0	23
5093	Transcript variants of the porcine glucocorticoid receptor gene (NR3C1). <i>General and Comparative Endocrinology</i> , 2013, 189, 127-133.	0.8	16
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5095	Something Darwin didn't know about barnacles: spermcast mating in a common stalked species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122919.	1.2	42
5096	Expression of thymic stromal lymphopoietin in canine atopic dermatitis. <i>Veterinary Dermatology</i> , 2013, 24, 54.	0.4	33
5097	Impaired sterol ester synthesis alters the response of <i>Arabidopsis thaliana</i> to <i>Phytophthora infestans</i> . <i>Plant Journal</i> , 2013, 73, 456-468.	2.8	62
5098	Development of genomic SSR markers for fingerprinting lettuce ( <i>Lactuca sativa</i> L.) cultivars and mapping genes. <i>BMC Plant Biology</i> , 2013, 13, 11.	1.6	41
5099	Microsatellite loci and the complete mitochondrial DNA sequence characterized through next generation sequencing and de novo genome assembly for the critically endangered orange-bellied parrot, <i>Neophema chrysogaster</i> . <i>Molecular Biology Reports</i> , 2013, 40, 35-42.	1.0	29
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5101	MED12 exon 2 mutations in histopathological uterine leiomyoma variants. <i>European Journal of Human Genetics</i> , 2013, 21, 1300-1303.	1.4	66
5102	Hidden diversity and cryptic speciation refute cosmopolitan distribution in <i>Caprella penantis</i> (Crustacea: Amphipoda: Caprellidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2013, 51, 85-99.	0.6	32
5103	Taurine homeostasis requires de novo synthesis via cysteine sulfinic acid decarboxylase during zebrafish early embryogenesis. <i>Amino Acids</i> , 2013, 44, 615-629.	1.2	36
5104	Transcriptomic analysis of metabolic function in the giant kelp, <i>Macrocystis pyrifera</i> , across depth and season. <i>New Phytologist</i> , 2013, 198, 398-407.	3.5	51
5105	Asymmetric Functional Divergence of Young, Dispersed Gene Duplicates in <i>Arabidopsis thaliana</i> . <i>Journal of Molecular Evolution</i> , 2013, 76, 13-27.	0.8	5
5106	The plastid genome of the hornwort <i>Nothoceros aenigmaticus</i> (Dendrocerotaceae): Phylogenetic signal in inverted repeat expansion, pseudogenization, and intron gain. <i>American Journal of Botany</i> , 2013, 100, 467-477.	0.8	19

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5108	Reference gene for primary culture of prostate cancer cells. <i>Molecular Biology Reports</i> , 2013, 40, 2955-2962.	1.0	16
5109	Endogenous Retrotransposition Activates Oncogenic Pathways in Hepatocellular Carcinoma. <i>Cell</i> , 2013, 153, 101-111.	13.5	352
5110	Genetic analysis of the 3' untranslated region of the bovine <i>SLC11A1</i> gene reveals novel polymorphisms. <i>Molecular Biology Reports</i> , 2013, 40, 545-552.	1.0	14
5111	Characterization of 12 polymorphic microsatellite DNA loci in the blue shark, <i>Prionace glauca</i> , isolated by next generation sequencing approach. <i>Conservation Genetics Resources</i> , 2013, 5, 117-119.	0.4	7
5112	Identification of Mutations in Evolved Bacterial Genomes. <i>Methods in Molecular Biology</i> , 2013, 985, 249-267.	0.4	4
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5114	Anti-obesity effects of hot water extract and high hydrostatic pressure extract of garlic in rats fed a high-fat diet. <i>Food and Chemical Toxicology</i> , 2013, 55, 100-105.	1.8	35
5115	Ethanol and dietary unsaturated fat (corn oil/linoleic acid enriched) cause intestinal inflammation and impaired intestinal barrier defense in mice chronically fed alcohol. <i>Alcohol</i> , 2013, 47, 257-264.	0.8	55
5116	The role of <i>GHR</i> and <i>IGF1</i> genes in the genetic determination of African pygmies' short stature. <i>European Journal of Human Genetics</i> , 2013, 21, 653-658.	1.4	27
5117	Next-generation sequencing based risk stratification and identification of new genes involved in structural and sequence variations in near haploid lymphoblastic leukemia. <i>Genes Chromosomes and Cancer</i> , 2013, 52, 564-579.	1.5	20
5118	Overexpression of <i>Camellia sinensis</i> Thaumatin-Like Protein, CsTLP in Potato Confers Enhanced Resistance to <i>Macrophomina phaseolina</i> and <i>Phytophthora infestans</i> Infection. <i>Molecular Biotechnology</i> , 2013, 54, 609-622.	1.3	71
5119	Stripe rust resistance genes in the UK winter wheat cultivar Claire. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1599-1612.	1.8	13
5120	Activation of the Innate Signaling Molecule MAVS by Bunyavirus Infection Upregulates the Adaptor Protein SARM1, Leading to Neuronal Death. <i>Immunity</i> , 2013, 38, 705-716.	6.6	106
5121	cDNA CLONING AND SEQUENCE DETERMINATION OF THE PHEROMONE BIOSYNTHESIS ACTIVATING NEUROPEPTIDE FROM THE SEABLICKTHORN CARPENTERWORM, <i>Holcocerus hippophaecolus</i> (LEPIDOPTERA: COSSIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 82, 183-195.	0.6	12
5122	Multiplex nested RT-PCR for detecting avian influenza virus, infectious bronchitis virus and Newcastle disease virus. <i>Journal of Virological Methods</i> , 2013, 188, 41-46.	1.0	19
5123	Optimizing Selection of Microsatellite Loci from 454 Pyrosequencing via Post-sequencing Bioinformatic Analyses. <i>Methods in Molecular Biology</i> , 2013, 1006, 101-120.	0.4	3
5124	New SYBR®Green methods targeting promoter sequences used for screening of several GM events pending for authorisation in Europe. <i>European Food Research and Technology</i> , 2013, 236, 537-547.	1.6	11

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5126	Impaired expression of protein phosphatase 2A subunits enhances metastatic potential of human prostate cancer cells through activation of AKT pathway. <i>British Journal of Cancer</i> , 2013, 108, 2590-2600.	2.9	34
5127	<sc>RNA</sc>seq-based transcriptome analysis of <i><sc>L</sc>actuca sativa</i> infected by the fungal necrotroph <i><sc>B</sc>otrytis cinerea</i>. <i>Plant, Cell and Environment</i> , 2013, 36, 1992-2007.	2.8	129
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5131	HUWE1 mutation explains phenotypic severity in a case of familial idiopathic intellectual disability. <i>European Journal of Medical Genetics</i> , 2013, 56, 379-382.	0.7	14
5132	A genome-enabled, high-throughput, and multiplexed fingerprinting platform for strawberry ( <i>Fragaria</i> ) Tj ETQq1 1 0,784314 rgBT /Overd... 1.0 17	1.0	17
5133	Cell number regulator genes in <i>Prunus</i> provide candidate genes for the control of fruit size in sweet and sour cherry. <i>Molecular Breeding</i> , 2013, 32, 311-326.	1.0	101
5134	Molecular characterization and evolutionary pattern of the 9- cis -epoxycarotenoid dioxygenase NCED1 gene in grapevine. <i>Molecular Breeding</i> , 2013, 32, 253-266.	1.0	22
5135	Molecular adaptation within the coat protein-encoding gene of Tunisian almond isolates of <i>Prunus necrotic ringspot virus</i> . <i>Journal of Genetics</i> , 2013, 92, 11-24.	0.4	8
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5138	Dietary Flaxseedâ€™Trastuzumab Interactive Effects on the Growth of HER2-Overexpressing Human Breast Tumors (BT-474). <i>Nutrition and Cancer</i> , 2013, 65, 451-459.	0.9	10
5139	Mutations in SETD2 and genes affecting histone H3K36 methylation target hemispheric high-grade gliomas. <i>Acta Neuropathologica</i> , 2013, 125, 659-669.	3.9	250
5140	Effect of crude oil petroleum hydrocarbons on protein expression of the prawn <i>Macrobrachium borellii</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 390-396.	1.3	14
5141	Parasite-induced TH1 cells and intestinal dysbiosis cooperate in IFN-Î³-dependent elimination of Paneth cells. <i>Nature Immunology</i> , 2013, 14, 136-142.	7.0	170
5142	Genomic analysis reveals <sc>MATH</sc> gene(s) as candidate(s) for <i><sc>P</sc>lum pox virus</i> (<sc>PPV</sc>) resistance in apricot (<i><sc>P</sc>runus armeniaca</i>â€™...<sc>L</sc>). <i>Molecular Plant Pathology</i> , 2013, 14, 663-677.	2.0	45

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5144	Sex determination of porcine embryos using a new developed duplex polymerase chain reaction procedure based on the amplification of repetitive sequences. <i>Reproduction, Fertility and Development</i> , 2013, 25, 417.	0.1	3
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5148	The mutational landscape of adenoid cystic carcinoma. <i>Nature Genetics</i> , 2013, 45, 791-798.	9.4	394
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5151	The developmental epigenomics toolbox: ChIP-seq and MethylCap-seq profiling of early zebrafish embryos. <i>Methods</i> , 2013, 62, 207-215.	1.9	47
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5156	Evolution of tetraploid wheat based on variations in 5' UTR regions of <i>Ppd-A1</i> : evidence of gene flow between emmer and timopheevi wheat. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 2143-2155.	0.8	7
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5163	GABI-DUPLO: a collection of double mutants to overcome genetic redundancy in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2013, 75, 157-171.	2.8	48
5164	Innate and adaptive immune responses of Arctic charr ( <i>Salvelinus alpinus</i> , L.) during infection with <i>Aeromonas salmonicida</i> subsp. <i>achromogenes</i> and the effect of the AsaP1 toxin. <i>Fish and Shellfish Immunology</i> , 2013, 35, 866-873.	1.6	12
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5167	Knockdown of sodium channel NaV1.6 blocks mechanical pain and abnormal bursting activity of afferent neurons in inflamed sensory ganglia. <i>Pain</i> , 2013, 154, 1170-1180.	2.0	67
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5177	Stable reference genes for the measurement of transcript abundance during larval caste development in the honeybee. <i>Apidologie</i> , 2013, 44, 357-366.	0.9	25
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5180	Genome-wide analysis of simple sequence repeats in the model medicinal mushroom <i>Ganoderma lucidum</i> . <i>Gene</i> , 2013, 512, 331-336.	1.0	43
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5203	Cytokine and transcription factor expression by <i>Aspergillus fumigatus</i> -stimulated peripheral blood mononuclear cells in dogs with sino-nasal aspergillosis. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 111-120.	0.5	4
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5216	Genome-wide association analysis reveals 12q13.3â€“q14.1 as new risk locus for sarcoidosis. <i>European Respiratory Journal</i> , 2013, 41, 888-900.	3.1	43
5217	Design of RNAi Reagents for Invertebrate Model Organisms and Human Disease Vectors. <i>Methods in Molecular Biology</i> , 2013, 942, 315-346.	0.4	4
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5224	Simultaneous Profiling of 194 Distinct Receptor Transcripts in Human Cells. <i>Science Signaling</i> , 2013, 6, rs13.	1.6	30
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5228	ANTI-SILENCING FUNCTION1 Proteins Are Involved in Ultraviolet-Induced DNA Damage Repair and Are Cell Cycle Regulated by E2F Transcription Factors in <i>Arabidopsis</i> Å Å Å. <i>Plant Physiology</i> , 2013, 162, 1164-1177.	2.3	47
5229	New Evidence for Differential Roles of L10 Ribosomal Proteins from <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 163, 378-391.	2.3	43
5230	Targeting the Treponemal Microbiome of Digital Dermatitis Infections by High-Resolution Phylogenetic Analyses and Comparison with Fluorescent <i>In Situ</i> Hybridization. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2212-2219.	1.8	50
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5256	The Components of <i>Drosophila</i> Histone Chaperone dCAF-1 Are Required for the Cell Death Phenotype Associated with <i>rbf1</i> Mutation. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1639-1647.	0.8	3
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5266	Genome-Wide Assessment of the Association of Rare and Common Copy Number Variations to Testicular Germ Cell Cancer. <i>Frontiers in Endocrinology</i> , 2013, 4, 2.	1.5	14
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5268	Transcriptional Analysis of Drought-Induced Genes in the Roots of a Tolerant Genotype of the Common Bean ( <i>Phaseolus vulgaris</i> L.). <i>International Journal of Molecular Sciences</i> , 2013, 14, 7155-7179.	1.8	45

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5285	Polymerase chain reaction assay based on <i>ratA</i> gene allows differentiation between <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Gallinarum biovars Gallinarum and Pullorum. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 259-262.	0.5	13
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5301	Introgression of Novel Traits from a Wild Wheat Relative Improves Drought Adaptation in Wheat. <i>Plant Physiology</i> , 2013, 161, 1806-1819.	2.3	124
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5310	Genome-Wide Scans for Candidate Genes Involved in the Aquatic Adaptation of Dolphins. <i>Genome Biology and Evolution</i> , 2013, 5, 130-139.	1.1	49
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5336	Structure of <i>rrn</i> operons in pathogenic non-cultivable treponemes: sequence but not genomic position of intergenic spacers correlates with classification of <i>Treponema pallidum</i> and <i>Treponema paraluis-cuniculi</i> strains. <i>Journal of Medical Microbiology</i> , 2013, 62, 196-207.	0.7	32
5337	Alternative Sigma Factor $\sigma^E$ Has an Important Role in Stress Tolerance of <i>Yersinia pseudotuberculosis</i> IP32953. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5970-5977.	1.4	14
5338	Characterization of Intracellular Growth Regulator <i>icgR</i> by Utilizing Transcriptomics To Identify Mediators of Pathogenesis in <i>Shigella flexneri</i> . <i>Infection and Immunity</i> , 2013, 81, 3068-3076.	1.0	13
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5344	MYC/MAX control ERK signaling and pluripotency by regulation of dual-specificity phosphatases 2 and 7. <i>Genes and Development</i> , 2013, 27, 725-733.	2.7	75
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5348	Whole-Transcriptome Shotgun Sequencing (RNA-seq) Screen Reveals Upregulation of Cellobiose and Motility Operons of <i>Lactobacillus ruminis</i> L5 during Growth on Tetrasaccharides Derived from Barley $\beta$ -Glucan. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5661-5669.	1.4	27
5349	High levels of dietary phytosterols affect lipid metabolism and increase liver and plasma TAG in Atlantic salmon ( <i>Salmo salar</i> L.). <i>British Journal of Nutrition</i> , 2013, 110, 1958-1967.	1.2	51
5350	Genomic and Physiological Characterization of the Chromate-Reducing, Aquifer-Derived Firmicute <i>Pelosinus</i> sp. Strain HCF1. <i>Applied and Environmental Microbiology</i> , 2013, 79, 63-73.	1.4	65
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5353	Development of Microsatellite Loci for the Riparian Tree Species <i>Melaleuca argentea</i> (Myrtaceae) Using 454 Sequencing. <i>Applications in Plant Sciences</i> , 2013, 1, 1200401.	0.8	1
5354	Genetic regulation of glucoraphanin accumulation in Benefort <sup>®</sup> broccoli. <i>New Phytologist</i> , 2013, 198, 1085-1095.	3.5	111
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5869	Genetic diversity of GH1 and LEP genes in Argentine llama ( <i>Lama glama</i> ) populations. <i>Small Ruminant Research</i> , 2014, 120, 20-26.	0.6	0
5870	Characterization of the <i>aap1</i> gene of <i>Agaricus bisporus</i> , a homolog of the yeast YAP1. <i>Comptes Rendus - Biologies</i> , 2014, 337, 29-43.	0.1	8
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5872	Responses of highly resistant and susceptible maize to vascular puncture inoculation with Maize dwarf mosaic virus. <i>Physiological and Molecular Plant Pathology</i> , 2014, 86, 19-27.	1.3	8
5873	The Cryptochrome/Photolyase Family in aquatic organisms. <i>Marine Genomics</i> , 2014, 14, 23-37.	0.4	81
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5875	Metabolic and transcriptional response to a high-fat diet in <i>Drosophila melanogaster</i> . <i>Molecular Metabolism</i> , 2014, 3, 42-54.	3.0	78
5876	Comparison of small interfering RNA (siRNA) delivery into bovine monocyte-derived macrophages by transfection and electroporation. <i>Veterinary Immunology and Immunopathology</i> , 2014, 158, 224-232.	0.5	30
5877	High throughput sequencing enables discovery of microsatellites from the puff-throated bulbul ( <i>Alophoixus pallidus</i> ) and assessment of genetic diversity in Khao Yai National Park, Thailand. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 176-183.	0.6	3
5878	Microsatellite marker information from high-throughput next-generation sequence data of <i>Capsicum annuum</i> varieties Mandarin and Blackcluster. <i>Scientia Horticulturae</i> , 2014, 170, 123-130.	1.7	11
5879	The warm temperature acclimation protein ( <i>Wap65</i> ) has an important role in the inflammatory response of turbot ( <i>Scophthalmus maximus</i> ). <i>Fish and Shellfish Immunology</i> , 2014, 41, 80-92.	1.6	29
5880	Biomass estimation of the terrestrial ecotoxicological species <i>Folsomia candida</i> (Collembola) using a real-time polymerase chain reaction. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 59-63.	2.9	3
5881	DNA hypomethylation of inflammation-associated genes in adipose tissue of female mice after multigenerational high fat diet feeding. <i>International Journal of Obesity</i> , 2014, 38, 198-204.	1.6	68
5882	High efficiency protocol of DNA extraction from <i>Micromys minutus</i> mandibles from owl pellets: a tool for molecular research of cryptic mammal species. <i>Acta Theriologica</i> , 2014, 59, 99-109.	1.1	13
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5887	Development of single locus DNA microsatellite markers in <i>Oryctes rhinoceros</i> (Linnaeus) using 5â€² anchored RAMs-PCR method. <i>Journal of Genetics</i> , 2014, 93, 92-96.	0.4	3
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5891	DRM1 and DRM2 expression regulation: potential role of splice variants in response to stress and environmental factors in <i>Arabidopsis</i> . <i>Molecular Genetics and Genomics</i> , 2014, 289, 317-332.	1.0	32
5892	Generation of SNP datasets for orangutan population genomics using improved reduced-representation sequencing and direct comparisons of SNP calling algorithms. <i>BMC Genomics</i> , 2014, 15, 16.	1.2	72
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5897	Development of novel EST-derived resistance gene markers in hop ( <i>Humulus lupulus</i> L.). <i>Molecular Breeding</i> , 2014, 33, 61-74.	1.0	6
5898	RNA-Seq derived identification of differential transcription in the chrysanthemum leaf following inoculation with <i>Alternaria tenuissima</i> . <i>BMC Genomics</i> , 2014, 15, 9.	1.2	33
5899	Neuroprotective Effects of GDNF-expressing Human Amniotic Fluid Cells. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 251-268.	5.6	10
5900	Extensive tRNA Gene Changes in Synthetic <i>Brassica napus</i> . <i>Journal of Molecular Evolution</i> , 2014, 78, 38-49.	0.8	3
5901	microRNA expression and its potential role in cardioprotection by ischemic postconditioning in pigs. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1953-1961.	1.3	27

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5903	Merkel cell polyomavirus (MCPyV) strains in Japanese merkel cell carcinomas (MCC) are distinct from Caucasian type MCPyVs: genetic variability and phylogeny of MCPyV genomes obtained from Japanese MCPyV-infected MCCs. <i>Virus Genes</i> , 2014, 48, 233-242.	0.7	20
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5905	High-resolution mapping of the RMia gene for resistance to root-knot nematodes in peach. <i>Tree Genetics and Genomes</i> , 2014, 10, 297-306.	0.6	33
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5907	Development and application of a multiplex qPCR technique to detect multiple microcystin-producing cyanobacterial genera in a Canadian freshwater lake. <i>Journal of Applied Phycology</i> , 2014, 26, 1675-1687.	1.5	13
5908	A time-course analysis of mRNA expression during injury healing in human dermal injuries. <i>International Journal of Legal Medicine</i> , 2014, 128, 403-414.	1.2	15
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5913	Validation of candidate reference genes in <i>Bifidobacterium adolescentis</i> for gene expression normalization. <i>Anaerobe</i> , 2014, 27, 34-39.	1.0	13
5914	B-cell activating factor-receptor specific activation of tumor necrosis factor receptor associated factor 6 and the phosphatidylinositol 3-kinase pathway in lymphoma B cells. <i>Leukemia and Lymphoma</i> , 2014, 55, 1884-1892.	0.6	6
5915	Non-ribosomal phylogenetic exploration of Mollicute species: New insights into haemoplasma taxonomy. <i>Infection, Genetics and Evolution</i> , 2014, 23, 99-105.	1.0	19
5916	The American cranberry mitochondrial genome reveals the presence of selenocysteine (tRNA-Sec) and Tj ETQq0 0 0,rgBT /Overlock 10 TF	1.8	49
5917	Microsatellite Loci for <i>Orthophytum ophiuroides</i> (Bromelioideae, Bromeliaceae) Species Adapted to Neotropical Rock Outcrops. <i>Applications in Plant Sciences</i> , 2014, 2, 1300073.	0.8	10
5918	The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes. <i>Nature Communications</i> , 2014, 5, 3630.	5.8	342
5919	Next generation sequencing based development of intron-targeting markers in tetraploid potato and their transferability to other <i>Solanum</i> species. <i>Gene</i> , 2014, 540, 117-121.	1.0	7

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5922	Mining of microsatellites using next generation sequencing of seabuckthorn ( <i>Hippophae rhamnoides</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 TF	1.4	28
5923	Roles of Hsp104 and trehalose in solubilisation of mutant huntingtin in heat shocked <i>Saccharomyces cerevisiae</i> cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 746-757.	1.9	14
5924	NO homeostasis is a key regulator of early nitrate perception and root elongation in maize*. <i>Journal of Experimental Botany</i> , 2014, 65, 185-200.	2.4	84
5925	Development of gene-based simple sequence repeat markers for association analysis in <i>Cocos nucifera</i> . <i>Molecular Breeding</i> , 2014, 34, 525-535.	1.0	26
5926	RNAi Mediated curcumin precursor gene silencing in <i>Jatropha</i> ( <i>Jatropha curcas</i> L.). <i>Molecular Biology Reports</i> , 2014, 41, 4305-4312.	1.0	19
5927	Dormancy within <i>Staphylococcus epidermidis</i> biofilms: a transcriptomic analysis by RNA-seq. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2585-2596.	1.7	25
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5930	Identification of suitable qPCR reference genes in leaves of <i>Brassica oleracea</i> under abiotic stresses. <i>Ecotoxicology</i> , 2014, 23, 459-471.	1.1	35
5931	Isolation of microsatellites in the bighead catfish, <i>Clarias macrocephalus</i> and cross-amplification in selected <i>Clarias</i> species. <i>Molecular Biology Reports</i> , 2014, 41, 1207-1213.	1.0	10
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5934	Isolation and characterization of polymorphic microsatellites in the genome of Yak ( <i>Bos grunniens</i> ). <i>Molecular Biology Reports</i> , 2014, 41, 3829-3837.	1.0	6
5935	Virus-independent and common transcriptome responses of leafhopper vectors feeding on maize infected with semi-persistently and persistent propagatively transmitted viruses. <i>BMC Genomics</i> , 2014, 15, 133.	1.2	33
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5939	A tool for design of primers for microRNA-specific quantitative RT-qPCR. <i>BMC Bioinformatics</i> , 2014, 15, 29.	1.2	201
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5951	Pigs fed camelina meal increase hepatic gene expression of cytochrome 8b1, aldehyde dehydrogenase, and thiosulfate transferase. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 1.	2.1	52
5952	Activation of salt shock response leads to solubilisation of mutant huntingtin in <i>Saccharomyces cerevisiae</i> . <i>Cell Stress and Chaperones</i> , 2014, 19, 667-673.	1.2	5
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5975	Chrelin increases food intake, swimming activity and growth in juvenile brown trout ( <i>Salmo trutta</i> ). Physiology and Behavior, 2014, 124, 15-22.	1.0	41
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6005	Physiological and genetic basis for self-aggregation of a thermophilic hydrogenotrophic methanogen, <i>Methanothermobacter</i> strain <i>CaT</i> 2. <i>Environmental Microbiology Reports</i> , 2014, 6, 268-277.	1.0	6
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6013	Role of PTGS2-generated PGE2 during gonadotrophin-induced bovine oocyte maturation and cumulus cell expansion. <i>Reproductive BioMedicine Online</i> , 2014, 28, 388-400.	1.1	41
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6019	AMPK activation regulates neuronal structure in developing hippocampal neurons. <i>Neuroscience</i> , 2014, 259, 13-24.	1.1	45
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6026	Comparison of phi29-based whole genome amplification and whole transcriptome amplification in dengue virus. <i>Journal of Virological Methods</i> , 2014, 195, 141-147.	1.0	7
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6037	Cytochrome P450 gene <i>CYP337</i> and heritability of fitness traits in the <i>Ganville fritillaria</i> butterfly. <i>Molecular Ecology</i> , 2014, 23, 1994-2005.	2.0	16
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6043	Low-frequency human platelet antigens as triggers for neonatal alloimmune thrombocytopenia. <i>Transfusion</i> , 2014, 54, 1286-1293.	0.8	20
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6045	Response to copper of <i>Acidithiobacillus ferrooxidans</i> ATCC 23270 grown in elemental sulfur. <i>Research in Microbiology</i> , 2014, 165, 761-772.	1.0	25

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6065	Fatty acid metabolism during maturation affects glucose uptake and is essential to oocyte competence. <i>Reproduction</i> , 2014, 148, 429-439.	1.1	69
6066	Genomic resources and genetic diversity of captive lesser kudu ( <i>Tragelaphus imberbis</i> ). <i>Zoo Biology</i> , 2014, 33, 440-445.	0.5	4
6067	Ten Polymorphic Microsatellite Primers in the Tropical Tree <i>Caimito</i> , <i>Chrysophyllum cainito</i> (Sapotaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300079.	0.8	2
6068	Development of Microsatellite Markers and Detection of Genetic Variation between <i>Goniozus</i> Wasp Populations. <i>Journal of Insect Science</i> , 2014, 14, 1-17.	0.6	2
6069	Isolation and characterization of microsatellite loci in <i>Fimbristylis sericea</i> (Cyperaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1400026.	0.8	0
6070	Development and Characterization of EST-SSR Markers in <i>Ostryopsis</i> (Betulaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300062.	0.8	4
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6078	The evolution of flowering strategies in US weedy rice. <i>American Journal of Botany</i> , 2014, 101, 1737-1747.	0.8	28
6079	Standalone EST microsatellite mining and analysis tool (SEMAT): for automated EST-SSR analysis in plants. <i>Tree Genetics and Genomes</i> , 2014, 10, 1755-1757.	0.6	4
6080	Preventing Formation of Toxic N-Terminal Huntingtin Fragments Through Antisense Oligonucleotide-Mediated Protein Modification. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 4-12.	2.0	47
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6084	Elevated CO <sub>2</sub> alleviates high PAR and UV stress in the unicellular chlorophyte <i>Dunaliella tertiolecta</i> . <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1347.	1.6	28
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6088	Nomenclature proposal and SNPSTR haplotypes for 7 new <i>Cannabis sativa</i> L. STR loci. <i>Forensic Science International: Genetics</i> , 2014, 13, 185-186.	1.6	14
6089	<i>GALNS</i> mutations in Indian patients with mucopolysaccharidosis IVA. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 2793-2801.	0.7	31
6090	Comparison of cyanobacterial microcystin synthetase ( <i>mcyE</i> ) gene transcript levels, <i>mcyE</i> gene copies, and biomass as indicators of microcystin risk under laboratory and field conditions. <i>MicrobiologyOpen</i> , 2014, 3, 411-425.	1.2	41
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6098	Characterization of the fatty acyl elongase ( <i>elovl</i> ) gene family, and hepatic <i>elovl</i> and delta-6 fatty acyl desaturase transcript expression and fatty acid responses to diets containing camelina oil in Atlantic cod ( <i>Gadus morhua</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 175, 9-22.	0.7	49
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6104	Barcoding old Korean lepidopteran specimens using newly designed specific primer pairs. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 679-684.	0.4	6
6105	Development of a forensic skin colour predictive test. <i>Forensic Science International: Genetics</i> , 2014, 13, 34-44.	1.6	69
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6113	Effect of Formaldehyde Inactivation on Poliovirus. <i>Journal of Virology</i> , 2014, 88, 11955-11964.	1.5	54
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6115	Long-term tumor necrosis factor treatment induces NF- $\kappa$ B activation and proliferation, but not osteoblastic differentiation of adipose tissue-derived mesenchymal stem cells in vitro. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 149-162.	1.2	7
6116	Growth hormone-releasing hormone antagonists abolish the transactivation of human epidermal growth factor receptors in advanced prostate cancer models. <i>Investigational New Drugs</i> , 2014, 32, 871-882.	1.2	15
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6119	Identification and validation of reference genes for <i>Populus euphratica</i> gene expression analysis during abiotic stresses by quantitative real-time PCR. <i>Physiologia Plantarum</i> , 2014, 152, 529-545.	2.6	87
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6121	Intergenomic single nucleotide polymorphisms as a tool for bacterial artificial chromosome contig building of homoeologous <i>Brassica napus</i> regions. <i>BMC Genomics</i> , 2014, 15, 560.	1.2	0
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6131	REVIEW: The detection of aquatic animal species using environmental DNA – a review of eDNA as a survey tool in ecology. <i>Journal of Applied Ecology</i> , 2014, 51, 1450-1459.	1.9	748
6132	Highly Sensitive End-Point PCR and SYBR Green qPCR Detection of <i>Phymatotrichopsis omnivora</i> , Causal Fungus of Cotton Root Rot. <i>Plant Disease</i> , 2014, 98, 1205-1212.	0.7	8
6133	A Polymorphism in the Crhr1 Gene Determines Stress Vulnerability in Male Mice. <i>Endocrinology</i> , 2014, 155, 2500-2510.	1.4	17
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6137	WISP 1 is an important survival factor in human mesenchymal stromal cells. <i>Gene</i> , 2014, 551, 243-254.	1.0	18
6138	Dynamics of Carbon-Concentrating Mechanism Induction and Protein Relocalization during the Dark-to-Light Transition in Synchronized <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2014, 166, 1073-1082.	2.3	46
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6140	Fine mapping of Co-x, an anthracnose resistance gene to a highly virulent strain of <i>Colletotrichum lindemuthianum</i> in common bean. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1653-1666.	1.8	59
6141	QTL mapping of black rot ( <i>Guignardia bidwellii</i> ) resistance in the grapevine rootstock 'Trner'™ (V. <i>riparia</i> Gm183—V. <i>cinerea</i> Arnold). <i>Theoretical and Applied Genetics</i> , 2014, 127, 1667-1677.	1.8	44
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6144	Stem Cells Protect the Bronchial Stump in Rat, Increasing Sox6, Col2a1, and Agc1 Expression. <i>Lung</i> , 2014, 192, 441-448.	1.4	4
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6146	Blue-light irradiation up-regulates the entkaurene synthase gene and affects the avoidance response of protonemal growth in <i>Physcomitrella patens</i> . <i>Planta</i> , 2014, 240, 117-124.	1.6	17
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6149	Sequence analysis reveals genomic factors affecting EST-SSR primer performance and polymorphism. <i>Molecular Genetics and Genomics</i> , 2014, 289, 1147-1156.	1.0	8
6150	Mutations of 60 known causative genes in 157 families with retinitis pigmentosa based on exome sequencing. <i>Human Genetics</i> , 2014, 133, 1255-1271.	1.8	148
6151	The stimulatory effects of alpha1-adrenergic receptors on TGF-beta1, IGF-1 and hyaluronan production in human skin fibroblasts. <i>Cell and Tissue Research</i> , 2014, 357, 681-693.	1.5	22
6152	A novel mutation in COL2A1 leading to spondyloepiphyseal dysplasia congenita in a three-generation family. <i>European Spine Journal</i> , 2014, 23, 271-277.	1.0	15
6153	<i>Trichoderma atroviride</i> LU132 promotes plant growth but not induced systemic resistance to <i>Plutella xylostella</i> in oilseed rape. <i>BioControl</i> , 2014, 59, 241-252.	0.9	36

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6155	Genetic diversity and structure of two hybridizing anadromous fishes ( <i>Alosa pseudoharengus</i> , <i>Alosa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582	0.8	24
6156	Fine scale population structure of dugongs ( <i>Dugong dugon</i> ) implies low gene flow along the southern Queensland coastline. <i>Conservation Genetics</i> , 2014, 15, 1381-1392.	0.8	21
6157	IMP-HRM: an automated pipeline for high throughput SNP marker resource development for molecular breeding in orphan crops. <i>Euphytica</i> , 2014, 200, 197-206.	0.6	2
6158	Depth-dependent gene flow in Gulf of Mexico cold seep <i>Lamellibrachia</i> tubeworms (Annelida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	1.0	25
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6165	Improved heat stress tolerance of wheat seedlings by bacterial seed treatment. <i>Plant and Soil</i> , 2014, 379, 337-350.	1.8	164
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6168	Genetic polymorphism at an odorant receptor gene ( <i>Or39</i> ) among mosquitoes of the <i>Anopheles gambiae</i> complex in Senegal (West Africa). <i>BMC Research Notes</i> , 2014, 7, 321.	0.6	0
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6170	Parallel developmental genetic features underlie stickleback gill raker evolution. <i>EvoDevo</i> , 2014, 5, 19.	1.3	36
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6174	Molecular Diagnosis of Autosomal Dominant Polycystic Kidney Disease Using Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 216-228.	1.2	59
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6178	Effects of incubation temperature on the organic amendment-mediated control of Fusarium wilt of tomato. <i>Annals of Applied Biology</i> , 2014, 164, 453-463.	1.3	13
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6185	Species identification of protected carpet pythons suitable for degraded forensic samples. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 295-305.	0.6	2
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6187	Fatty acid composition and desaturase gene expression in flax ( <i>Linum usitatissimum</i> L.). <i>Journal of Applied Genetics</i> , 2014, 55, 423-432.	1.0	17
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6203	Novel homozygous <i>DEAF1</i> variant suspected in causing white matter disease, intellectual disability, and microcephaly. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 1565-1570.	0.7	21
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6207	Expression and knockdown of primordial germ cell genes, vasa, nanos and dead end in common carp ( <i>Cyprinus carpio</i> ) embryos for transgenic sterilization and reduced sexual maturity. <i>Aquaculture</i> , 2014, 420-421, S72-S84.	1.7	21

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6209	Clinical and molecular studies reveal a PSEN1 mutation (L153V) in a Peruvian family with early-onset Alzheimer's disease. Neuroscience Letters, 2014, 563, 140-143.	1.0	7
6210	Expression profiling of the triterpene saponin biosynthesis genes FPS, SS, SE, and DS in the medicinal plant <i>Panax notoginseng</i> . Gene, 2014, 533, 295-303.	1.0	62
6211	Protective efficacy of piperine against <i>Mycobacterium tuberculosis</i> . Tuberculosis, 2014, 94, 389-396.	0.8	57
6212	The phylogenetic affinities of the Socotra Bunting <i>Emberiza socotrana</i> . Ostrich, 2014, 85, 103-106.	0.4	1
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6214	A transcriptomic analysis of striped catfish ( <i>Pangasianodon hypophthalmus</i> ) in response to salinity adaptation: De novo assembly, gene annotation and marker discovery. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2014, 10, 52-63.	0.4	32
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6216	Dynorphin/KOP and nociceptin/NOP gene expression and epigenetic changes by cocaine in rat striatum and nucleus accumbens. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 49, 36-46.	2.5	34
6217	The multi-xenobiotic resistance (MXR) efflux activity in hemocytes of <i>Mytilus edulis</i> is mediated by an ATP binding cassette transporter of class C (ABCC) principally inducible in eosinophilic granulocytes. Aquatic Toxicology, 2014, 153, 98-109.	1.9	20
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6222	Molecular confirmation of the first autochthonous case of human babesiosis in Australia using a novel primer set for the beta-tubulin gene. Experimental Parasitology, 2014, 141, 93-97.	0.5	19
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6225	Syntrophic acetate oxidation in industrial CSTR biogas digesters. Journal of Biotechnology, 2014, 171, 39-44.	1.9	92

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6228	Molecular cloning and expression of IRAK-4, IL-17 and I-Î² genes in <i>Haliotis rufescens</i> challenged with <i>Vibrio anguillarum</i> . <i>Fish and Shellfish Immunology</i> , 2014, 36, 503-509.	1.6	22
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6230	Macroarray assay for differential diagnosis of meningoencephalitis in southern Africa. <i>Journal of Clinical Virology</i> , 2014, 60, 50-56.	1.6	18
6231	Transcriptomic dissection of myogenic differentiation signature in caprine by RNA-Seq. <i>Mechanisms of Development</i> , 2014, 132, 79-92.	1.7	18
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6233	Comparative genomics of oral isolates of <i>Streptococcus mutans</i> by in silico genome subtraction does not reveal accessory DNA associated with severe early childhood caries. <i>Infection, Genetics and Evolution</i> , 2014, 21, 269-278.	1.0	18
6234	High-frequency stimulation of the globus pallidus interna nucleus modulates GFRÎ±1 gene expression in the basal ganglia. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 657-660.	0.8	14
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6236	Molecular and structural patterns of bone regeneration in surgically created defects containing bone substitutes. <i>Biomaterials</i> , 2014, 35, 3229-3242.	5.7	28
6237	Germline mutations of TP53 gene in breast cancer. <i>Tumor Biology</i> , 2014, 35, 9219-9227.	0.8	19
6238	cDNA microarray assessment of early gene expression profiles in <i>Escherichia coli</i> cells exposed to a mixture of heavy metals. <i>Cell Biology and Toxicology</i> , 2014, 30, 207-232.	2.4	12
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6240	Genotyping and development of single-nucleotide polymorphism (SNP) markers associated with blast resistance genes in rice using GoldenGate assay. <i>Molecular Breeding</i> , 2014, 34, 1449-1463.	1.0	11
6241	DNA and RNA analysis of blood and muscle from bodies with variable postmortem intervals. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 322-328.	0.6	39
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6245	Chromatin barcodes as biomarkers for melanoma. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 788-800.	1.5	22
6246	Accurate Determination of Plasmid Copy Number of Flow-Sorted Cells using Droplet Digital PCR. <i>Analytical Chemistry</i> , 2014, 86, 5969-5976.	3.2	45
6247	Nucleotide diversity of <i>Pita</i> , a major blast resistance gene and identification of its minimal promoter. <i>Gene</i> , 2014, 546, 250-256.	1.0	12
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6249	Naturally occurring Toll-like receptor 11 (TLR11) and Toll-like receptor 12 (TLR12) polymorphisms are not associated with <i>Toxoplasma gondii</i> infection in wild wood mice. <i>Infection, Genetics and Evolution</i> , 2014, 26, 180-184.	1.0	12
6250	Polymorphisms at the 3' untranslated region of <i>SLC11A1</i> gene are associated with protection to <i>Brucella</i> infection in goats. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 230-234.	0.5	12
6251	Salinity-dependent copper accumulation in the guppy <i>Poecilia vivipara</i> is associated with <i>CTR1</i> and <i>ATP7B</i> transcriptional regulation. <i>Aquatic Toxicology</i> , 2014, 152, 300-307.	1.9	30
6252	Mesoporous Silica Nanoparticle-Mediated Intracellular Cre Protein Delivery for Maize Genome Editing via <i>loxP</i> Site Excision. <i>Plant Physiology</i> , 2014, 164, 537-547.	2.3	190
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6254	Exploration of presence/absence variation and corresponding polymorphic markers in soybean genome. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 1009-1019.	4.1	21
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6256	Development and evaluation of new primers for PCR-based identification of <i>Prevotella intermedia</i> . <i>Anaerobe</i> , 2014, 28, 126-129.	1.0	3
6257	Pharmacokinetic variability of clarithromycin and differences in <i>CYP3A4</i> activity in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 179-185.	0.3	11
6258	Novel ovine polymorphisms and adaptive evolution in mammalian TLR2 suggest existence of multiple pathogen binding regions. <i>Gene</i> , 2014, 540, 217-225.	1.0	6
6259	Key roles for GRB2-associated-binding protein 1, phosphatidylinositol-3-kinase, cyclooxygenase 2, prostaglandin E2 and transforming growth factor alpha in linoleic acid-induced upregulation of lung and breast cancer cell growth. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 90, 105-115.	1.0	32
6260	Mouse cell line authentication. <i>Cytotechnology</i> , 2014, 66, 133-147.	0.7	49
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6263	Comprehensive Transcriptome Assembly of Chickpea ( <i>Cicer arietinum</i> L.) Using Sanger and Next Generation Sequencing Platforms: Development and Applications. <i>PLoS ONE</i> , 2014, 9, e86039.	1.1	87
6264	Identification of Candidate Genes Associated with Leaf Senescence in Cultivated Sunflower ( <i>Helianthus annuus</i> L.). <i>PLoS ONE</i> , 2014, 9, e104379.	1.1	20
6265	Use of a novel polydimethylsiloxane well insert to successfully mature, culture and identify single porcine oocytes and embryos. <i>Reproduction, Fertility and Development</i> , 2014, 26, 375.	0.1	3
6266	Isolation and characterization of platelet-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	5.5	237
6267	Primary Bone Marrow Mesenchymal Stromal Cells Rescue the Axonal Phenotype of Twitcher Mice. <i>Cell Transplantation</i> , 2014, 23, 239-252.	1.2	9
6268	Small intestinal growth measures are correlated with feed efficiency in market weight cattle, despite minimal effects of maternal nutrition during early to midgestation <sup>1</sup> . <i>Journal of Animal Science</i> , 2014, 92, 3855-3867.	0.2	30
6269	Analysis of a Complex Polyploid Plant Genome using Molecular Markers: Strong Evidence for Segmental Allooctoploidy in Garden Dahlias. <i>Plant Genome</i> , 2014, 7, plantgenome2014.01.0002.	1.6	9
6270	Development and characterization of 14 microsatellite markers for <i>Buergeria japonica</i> (Amphibia, Anura, Rhacophoridae). <i>Genes and Genetic Systems</i> , 2014, 89, 35-39.	0.2	6
6271	Targeted mutagenesis of zebrafish antithrombin III triggers disseminated intravascular coagulation and thrombosis, revealing insight into function. <i>Blood</i> , 2014, 124, 142-150.	0.6	52
6272	Molecular cloning and characterization of a glycine-like receptor gene from the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> (Acari: Ixodidae). <i>Parasite</i> , 2014, 21, 43.	0.8	1
6273	Development and characterization of novel EST-microsatellites for the citrus red mite, <i>Panonychus citri</i> (Acari: Tetranychidae). <i>Systematic and Applied Acarology</i> , 2014, 19, 499.	0.5	4
6274	Giving drought the cold shoulder: a relationship between drought tolerance and fall dormancy in an agriculturally important crop. <i>AoB PLANTS</i> , 2014, 6, .	1.2	15
6275	Microsatellite Markers for Population Genetic Studies of the Rock Firefinch, <i>Lagonosticta sanguinodorsalis</i> . <i>African Zoology</i> , 2014, 49, 301-306.	0.2	1
6276	Development and multiplexing of microsatellite markers using pyrosequencing in a tetraploid plant, <i>Vaccinium uliginosum</i> (Ericaceae). <i>Plant Ecology and Evolution</i> , 2014, 147, 285-289.	0.3	1
6277	After the gold rush: population structure of spiny lobsters in Hawaii following a fishery closure and the implications for contemporary spatial management. <i>Bulletin of Marine Science</i> , 2014, 90, 331-357.	0.4	9
6278	P2-030: INVESTIGATING THE ROLE OF <i>CLU</i> , <i>PICALM</i> , AND <i>CR1</i> IN ALZHEIMER'S DISEASE. , 2014, 10, P481-P481.		0
6279	Whole genomic characterization of a Korean human parechovirus type 1 (HPeV1) identifies recombination events. <i>Journal of Medical Virology</i> , 2014, 86, 2084-2091.	2.5	9

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6281	Space pruning monotonic search for the non-unique probe selection problem. <i>International Journal of Bioinformatics Research and Applications</i> , 2014, 10, 59.	0.1	0
6282	Validation of outlier loci through replication in independent data sets: a test on <i>Arabis alpina</i> . <i>Ecology and Evolution</i> , 2014, 4, 4296-4306.	0.8	14
6283	Impacts of a newly identified behaviour-altering trematode on its host amphipod: from the level of gene expression to population. <i>Parasitology</i> , 2015, 142, 1469-1480.	0.7	13
6284	Development and characterization of fungal specific microsatellite markers in the lichen <i>Lobarina scrobiculata</i> (Lobariaceae, Ascomycota). <i>Lichenologist</i> , 2015, 47, 183-186.	0.5	9
6285	Comparison of epidemiologically linked <i>Campylobacter jejuni</i> isolated from human and poultry sources. <i>Epidemiology and Infection</i> , 2015, 143, 3498-3509.	1.0	8
6286	Development and Characterization of 12 Microsatellite Markers for the Hokkaido Salamander ( <i>Hynobius retardatus</i> ). <i>Current Herpetology</i> , 2015, 34, 177-181.	0.5	3
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6288	Fine mapping of the Rvi5 (Vm) apple scab resistance locus in the "Murray" apple genotype. <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	15
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6293	Microarray identification of novel genes downstream of Six1, a critical factor in cranial placode, somite, and kidney development. <i>Developmental Dynamics</i> , 2015, 244, 181-210.	0.8	20
6294	The histology of <i>Nanomia bijuga</i> (Hydrozoa: Siphonophora). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 435-449.	0.6	14
6295	Progressive retinal atrophy in <i>S</i> hetland sheepdog is associated with a mutation in the <i>CNGA1</i> gene. <i>Animal Genetics</i> , 2015, 46, 515-521.	0.6	22
6296	Rapid Changes in the Genetic Composition of <i>Stagonosporopsis tanacetii</i> Population in Australian Pyrethrum Fields. <i>Phytopathology</i> , 2015, 105, 358-369.	1.1	15
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6299	Stereospecific induction of apoptosis in tumor cells via endogenous C16-ceramide and distinct transcripts. <i>Cell Death Discovery</i> , 2015, 1, 15013.	2.0	9
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6302	Genetic analysis of Indian tasar silkmoth ( <i>Antheraea mylitta</i> ) populations. <i>Scientific Reports</i> , 2015, 5, 15728.	1.6	13
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6308	Microsatellites for <i>Carpotroche brasiliensis</i> (Flacourtiaceae), a Useful Species for Agroforestry and Ecosystem Conservation. <i>Applications in Plant Sciences</i> , 2015, 3, 1500068.	0.8	0
6309	Chloroplast microsatellite markers for <i>Artocarpus</i> (Moraceae) developed from transcriptome sequences. <i>Applications in Plant Sciences</i> , 2015, 3, 1500049.	0.8	10
6310	Multiple lines of evidence confirm that Hume's Owl <i>Strix butleri</i> (A. O. Hume, 1878) is two species, with description of an unnamed species (Aves: Non-Passeriformes: Strigidae). <i>Zootaxa</i> , 2015, 3904, 28-50.	0.2	12
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6370	A Long-Read Transcriptome Assembly of Cotton ( <i>Gossypium hirsutum</i> L.) and Intraspecific Single Nucleotide Polymorphism Discovery. <i>Plant Genome</i> , 2015, 8, eplantgenome2014.10.0068.	1.6	12

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6507	Development and validation of SSR markers for the plant-parasitic nematode <i>Subanguina moxae</i> using genome assembly of Illumina pair-end reads. <i>Nematology</i> , 2015, 17, 515-522.	0.2	1
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6521	Distribution and analysis of SSR in mung bean ( <i>Vigna radiata</i> L.) genome based on an SSR-enriched library. <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	18
6522	Regulation of <i>Streptococcus mutans</i> PTS <sup>Bio</sup> by the transcriptional repressor NigR. <i>Molecular Oral Microbiology</i> , 2015, 30, 280-294.	1.3	6
6523	Characterization of eight microsatellite loci for the sea urchin <i>Meoma ventricosa</i> (Spatangoida.) <i>Tj ETQq0 0 0 rgBT /Overlock 1 Tf 50 50</i>	0.6	1
6524	Genetic mapping of the Cre8 locus for resistance against cereal cyst nematode ( <i>Heterodera avenae</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 15</i>	1.0	15
6525	Identification of <i>Phytophthora colocasiae</i> genes differentially expressed during infection on taro ( <i>Colocasia esculenta</i> ). <i>Physiological and Molecular Plant Pathology</i> , 2015, 89, 78-86.	1.3	1
6526	Atlantic salmon ( <i>Salmo salar</i> ) liver transcriptome response to diets containing <i>Camelina sativa</i> products. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 14, 1-15.	0.4	54
6527	Cytotoxicity of obacunone and obacunone glucoside in human prostate cancer cells involves Akt-mediated programmed cell death. <i>Toxicology</i> , 2015, 329, 88-97.	2.0	27
6528	Prediction of success for polymerase chain reactions using the Markov maximal order model and support vector machine. <i>Journal of Theoretical Biology</i> , 2015, 369, 51-58.	0.8	1
6529	The effects of short term dietary restriction on haematological responses and leukocyte gene expression of anovulatory and ovulatory beef heifers. <i>Research in Veterinary Science</i> , 2015, 98, 145-153.	0.9	3
6530	Cultivar Origin and Admixture Detection in Turkish Olive Oils by SNP-Based CAPS Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2284-2295.	2.4	30
6531	A cytogenetic and comparative map of camelid chromosome 36 and the minute in alpacas. <i>Chromosome Research</i> , 2015, 23, 237-251.	1.0	24
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6534	Isolation and characterization of polymorphic microsatellite loci from the chinstrap penguin, <i>Pygoscelis antarctica</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 561-563.	0.4	1

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6535	Xylan Utilization Regulon in <i>Xanthomonas citri</i> pv. <i>citri</i> Strain 306: Gene Expression and Utilization of Oligoxylosides. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2163-2172.	1.4	5
6536	<i>Alnus</i> peptides modify membrane porosity and induce the release of nitrogen-rich metabolites from nitrogen-fixing <i>Frankia</i>. <i>ISME Journal</i> , 2015, 9, 1723-1733.	4.4	79
6537	Protective effect of <i>C. sativa</i> leaf extract against UV mediated-DNA damage in a human keratinocyte cell line. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 144, 28-34.	1.7	32
6538	Method for monitoring deletions in the aflatoxin biosynthesis gene cluster of <i>Aspergillus flavus</i> with multiplex PCR. <i>Letters in Applied Microbiology</i> , 2015, 60, 60-65.	1.0	49
6539	Regulation of ECM degradation and axon guidance by growth cone invadosomes. <i>Development (Cambridge)</i> , 2015, 142, 486-96.	1.2	63
6540	Short communication: Opposing effects of lactoferrin on the proliferation of fibroblasts and epithelial cells from bovine mammary gland. <i>Journal of Dairy Science</i> , 2015, 98, 1069-1077.	1.4	6
6541	Identification and genetic mapping of the putative <i>Thinopyrum</i> intermedium-derived dominant powdery mildew resistance gene PmL962 on wheat chromosome arm 2BS. <i>Theoretical and Applied Genetics</i> , 2015, 128, 517-528.	1.8	34
6542	The important role of ADAM8 in the progression of hepatocellular carcinoma induced by diethylnitrosamine in mice. <i>Human and Experimental Toxicology</i> , 2015, 34, 1053-1072.	1.1	6
6543	Estimation of Teaching-Learning-Based Optimization Primer Design Using Regression Analysis for Different Melting Temperature Calculations. <i>IEEE Transactions on Nanobioscience</i> , 2015, 14, 3-12.	2.2	8
6544	Transcriptome characterization and SSR discovery in large-scale loach <i>Paramisgurnus dabryanus</i> (Cobitidae, Cypriniformes). <i>Gene</i> , 2015, 557, 201-208.	1.0	36
6545	Identification and fine mapping of pm5.1: a recessive gene for powdery mildew resistance in cucumber ( <i>Cucumis sativus</i> L.). <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	46
6546	Featured Article: Deficiency of G-protein coupled receptor 40, a lipid-activated receptor, heightens <i>inÂvitro</i> and <i>inÂvivo</i>-induced murine osteoarthritis. <i>Experimental Biology and Medicine</i> , 2015, 240, 854-866.	1.1	13
6547	Collagen matrix-induced expression of integrin $\alpha 2 \beta 3$ in circulating angiogenic cells can be targeted by matricellular protein CCN1 to enhance their function. <i>FASEB Journal</i> , 2015, 29, 1198-1207.	0.2	9
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6549	Next-generation sequencing-based molecular diagnosis of 82 retinitis pigmentosa probands from Northern Ireland. <i>Human Genetics</i> , 2015, 134, 217-230.	1.8	85
6550	Complete Genome Sequence Analysis of Two <i>Pseudomonas plecoglossicida</i> Phages, Potential Therapeutic Agents. <i>Applied and Environmental Microbiology</i> , 2015, 81, 874-881.	1.4	20
6551	Novel nonsense mutation in the PTRF gene underlies congenital generalized lipodystrophy in a consanguineous Saudi family. <i>European Journal of Medical Genetics</i> , 2015, 58, 216-221.	0.7	31
6552	Suppression of Transforming Growth Factor $\beta 2$ Receptor 2 and Smad5 Is Associated with High Levels of MicroRNA miR-155 in the Oral Mucosa during Chronic Simian Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2015, 89, 2972-2978.	1.5	16

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6554	<scp>DFNB16</scp> is a frequent cause of congenital hearing impairment: implementation of <i><scp>STRC</scp></i> mutation analysis in routine diagnostics. <i>Clinical Genetics</i> , 2015, 87, 49-55.	1.0	86
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6557	Expression characteristics of two novel cytochrome P450 genes involved in fenpropathrin resistance in <i>Tetranychus cinnabarinus</i> (Boisduval). <i>Pesticide Biochemistry and Physiology</i> , 2015, 119, 33-41.	1.6	27
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6563	De novo transcriptome analysis of the gametophyte of <i>Undaria pinnatifida</i> (Phaeophyceae). <i>Journal of Applied Phycology</i> , 2015, 27, 1011-1019.	1.5	31
6564	Genetic Evidence for Reproductive Isolation Among Sympatric <i>Epichloa</i> Endophytes as Inferred from Newly Developed Microsatellite Markers. <i>Microbial Ecology</i> , 2015, 70, 51-60.	1.4	15
6565	A novel single nucleotide splice site mutation in FHL1 confirms an Emery-Dreifuss plus phenotype with pulmonary artery hypoplasia and facial dysmorphism. <i>European Journal of Medical Genetics</i> , 2015, 58, 222-229.	0.7	11
6566	A set of novel microsatellite markers developed for a traditional Chinese medicinal plant, <i>Sarcandra glabra</i> (Chloranthaceae). <i>Journal of Genetics</i> , 2015, 94, 86-88.	0.4	2
6567	NCR1+ cells in dogs show phenotypic characteristics of natural killer cells. <i>Veterinary Research Communications</i> , 2015, 39, 19-30.	0.6	22
6568	Homozygous SLC6A17 Mutations Cause Autosomal-Recessive Intellectual Disability with Progressive Tremor, Speech Impairment, and Behavioral Problems. <i>American Journal of Human Genetics</i> , 2015, 96, 386-396.	2.6	27
6569	Polydnavirus gene provides accurate identification of species in the genus <i>Hyposoter</i> (Hymenoptera: Ichneumonidae). <i>Insect Conservation and Diversity</i> , 2015, 8, 348-358.	1.4	0
6570	Characterization of sixteen polymorphic microsatellite DNA loci in the chum salmon ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Over	0.4	2

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6571	Development of microsatellite markers for two endangered grassland butterflies, <i>Melitaea ambigua</i> and <i>M. protomeia</i> (Nymphalidae), using Ion Torrent next-generation sequencing. <i>Conservation Genetics Resources</i> , 2015, 7, 525-527.	0.4	5
6572	Genome-wide survey and analysis of microsatellites in giant panda ( <i>Ailuropoda melanoleuca</i> ), with a focus on the applications of a novel microsatellite marker system. <i>BMC Genomics</i> , 2015, 16, 61.	1.2	61
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6574	PolyMarker: A fast polyploid primer design pipeline. <i>Bioinformatics</i> , 2015, 31, 2038-2039.	1.8	202
6575	Isolation and characterization of thirteen polymorphic microsatellite loci from black porgy ( <i>Acanthopagrus schlegeli</i> ). <i>Journal of Genetics</i> , 2015, 94, 97-99.	0.4	2
6576	The effect of vitrification of immature bovine oocytes to the subsequent in vitro development and gene expression. <i>Zygote</i> , 2015, 23, 933-942.	0.5	7
6577	Auxin involvement in tepal senescence and abscission in <i>Lilium</i> : a tale of two lilies. <i>Journal of Experimental Botany</i> , 2015, 66, 945-956.	2.4	17
6578	Spatial cognitive deficits in an animal model of Wernickeâ€“Korsakoff syndrome are related to changes in thalamic VDAC protein concentrations. <i>Neuroscience</i> , 2015, 294, 29-37.	1.1	11
6579	Characterization of 15 polymorphic microsatellite loci in gooseneck barnacle <i>Pollicipes pollicipes</i> (Gmelin, 1789), and cross-amplification in other <i>Pollicipes</i> species. <i>Conservation Genetics Resources</i> , 2015, 7, 591-593.	0.4	2
6580	Chromosome engineering, mapping, and transferring of resistance to <i>Fusarium</i> head blight disease from <i>Elymus tsukushiensis</i> into wheat. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1019-1027.	1.8	79
6581	Isolation and characterization of eighteen polymorphic microsatellite DNA loci from masu salmon ( <i>Oncorhynchus masou</i> ) using next-generation sequencing and cross-species amplification. <i>Conservation Genetics Resources</i> , 2015, 7, 441-443.	0.4	0
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6583	Expression and initial characterization of a Phosphoinositide-specific phospholipase C from <i>Populus tomentosa</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 338-346.	0.9	4
6584	Development of chromosome-specific markers with high polymorphism for allotetraploid cotton based on genome-wide characterization of simple sequence repeats in diploid cottons ( <i>Gossypium</i> ) Tj ETQq1 1 0.78.4314 rgBj/Overl	0.7	14
6585	Functional analyses of cellulose synthase genes in flax ( <i>Linum usitatissimum</i> ) by virusâ€“induced gene silencing. <i>Plant Biotechnology Journal</i> , 2015, 13, 1312-1324.	4.1	41
6586	Rapid microsatellite marker development in the endangered neotropical freshwater turtle <i>Podocnemis lewyana</i> (Testudines: Podocnemididae) using 454 sequencing. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 220-225.	0.6	5
6587	A novel satellite DNA sequence in the <i>Peromyscus</i> genome (PMSat): Evolution via copy number fluctuation. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 193-203.	1.2	10
6588	Extensive sequence variation in rice blast resistance gene Pi54 makes it broad spectrum in nature. <i>Frontiers in Plant Science</i> , 2015, 6, 345.	1.7	38

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6589	A single base substitution in BADH/AMADH is responsible for fragrance in cucumber ( <i>Cucumis sativus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T 1881-1892.	1.8	38
6590	Development of a SNP-based CAPS assay for the Me1 gene conferring resistance to root knot nematode in pepper. <i>Euphytica</i> , 2015, 206, 393-399.	0.6	24
6591	Validation of candidate reference genes for qRT-PCR studies in symbiotic and non-symbiotic <i>Casuarina glauca</i> Sieb. ex Spreng. under salinity conditions. <i>Symbiosis</i> , 2015, 66, 21-35.	1.2	13
6592	Profiling gene expression in citrus fruit calyx abscission zone (AZ-C) treated with ethylene. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1991-2006.	1.0	26
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6596	Molecular characterization and organ-specific expression of the gene that encodes betaine aldehyde dehydrogenase from the white shrimp <i>Litopenaeus vannamei</i> in response to osmotic stress. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 189, 40-46.	0.7	6
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6598	Growth axis maturation is linked to nutrition, growth and developmental rate. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 38-48.	1.6	8
6599	Preliminary study of FMO1, FMO5, CYP21, ESR1, PLIN2 and SULT2A1 as candidate gene for compounds related to boar taint. <i>Meat Science</i> , 2015, 108, 67-73.	2.7	6
6600	Differential expression of jasmonate biosynthesis genes in cacao genotypes contrasting for resistance against <i>Moniliophthora perniciosa</i> . <i>Plant Cell Reports</i> , 2015, 34, 1747-1759.	2.8	4
6601	Salt-Related MYB1 Coordinates Abscisic Acid Biosynthesis and Signaling during Salt Stress in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015, 169, 1027-1041.	2.3	66
6602	Germline transmission in transgenic Huntington's disease monkeys. <i>Theriogenology</i> , 2015, 84, 277-285.	0.9	30
6603	Identification of candidate genes associated with mealiness and maturity date in peach [ <i>Prunus persica</i> (L.) Batsch] using QTL analysis and deep sequencing. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	82
6604	<i>Najas minor</i> (Hydrocharitaceae) in North America: A reappraisal. <i>Aquatic Botany</i> , 2015, 126, 60-72.	0.8	4
6605	Estrogen-dependent post-translational change in the nitric oxide system may mediate the leptin action on LH and prolactin secretion. <i>Brain Research</i> , 2015, 1604, 62-73.	1.1	8
6606	High-throughput microsatellite markers discovery for the Sichuan Hill Partridge ( <i>Arborophila</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T and Ecology, 2015, 60, 266-272.	0.6	3

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6608	Impact of temperature on the expression of Kennedy Pathway genes in developing soybean seeds. <i>Canadian Journal of Plant Science</i> , 2015, 95, 87-101.	0.3	3
6609	Dsprul: A spontaneous mouse mutation in desmoplakin as a model of Carvajal-Huerta syndrome. <i>Experimental and Molecular Pathology</i> , 2015, 98, 164-172.	0.9	13
6610	The Chagas disease domestic transmission cycle in Guatemala: Parasite-vector switches and lack of mitochondrial co-diversification between <i>Triatoma dimidiata</i> and <i>Trypanosoma cruzi</i> subpopulations suggest non-vectorial parasite dispersal across the Motagua valley. <i>Acta Tropica</i> , 2015, 151, 80-87.	0.9	8
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6612	Characterization of the microbial community structure and the physicochemical properties of produced water and seawater from the Hibernia oil production platform. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17697-17715.	2.7	12
6613	In vivo assessment of equine arteritis virus vaccine improvement by disabling the deubiquitinase activity of papain-like protease 2. <i>Veterinary Microbiology</i> , 2015, 178, 132-137.	0.8	10
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6617	Synthetic siRNAs effectively target cystein protease 12 and $\beta$ -actinin transcripts in <i>Trichomonas vaginalis</i> . <i>Experimental Parasitology</i> , 2015, 157, 30-34.	0.5	8
6618	Spatial genetic structure and restricted gene flow in bed bugs ( <i>Cimex lectularius</i> ) populations in France. <i>Infection, Genetics and Evolution</i> , 2015, 34, 236-243.	1.0	21
6619	Clinical profile and mutation analysis of xeroderma pigmentosum in Indian patients. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2015, 81, 16.	0.2	14
6620	Regulation of three isoforms of SOD gene by environmental stresses in citrus red mite, <i>Panonychus citri</i> . <i>Experimental and Applied Acarology</i> , 2015, 67, 49-63.	0.7	24
6621	Using an in-vitro biofilm model to assess the virulence potential of Bacterial Vaginosis or non-Bacterial Vaginosis <i>Gardnerella vaginalis</i> isolates. <i>Scientific Reports</i> , 2015, 5, 11640.	1.6	107
6622	A low-pungency S3212 genotype of <i>Capsicum frutescens</i> caused by a mutation in the putative aminotransferase (p-AMT) gene. <i>Molecular Genetics and Genomics</i> , 2015, 290, 2217-2224.	1.0	19
6623	Towards a more holistic research approach to plant conservation: the case of rare plants on oceanic islands. <i>AoB PLANTS</i> , 2015, 7, plv066.	1.2	22
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6626	Language impairment in a case of a complex chromosomal rearrangement with a breakpoint downstream of FOXP2. <i>Molecular Cytogenetics</i> , 2015, 8, 36.	0.4	25
6627	Carbonic anhydrase 2-like and Na <sup>+</sup> -K <sup>+</sup> -ATPase $\beta$ gene expression in medaka ( <i>Oryzias latipes</i> ) under carbonate alkalinity stress. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 1491-1500.	0.9	15
6628	Development and characterisation of EST-SSR markers by transcriptome sequencing in taro ( <i>Colocasia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	31
6629	Utilizing next generation sequencing to characterize microsatellite loci in a tropical aquatic plant species <i>Cryptocoryne cordata</i> var. <i>cordata</i> (Araceae). <i>Biochemical Systematics and Ecology</i> , 2015, 61, 385-389.	0.6	3
6630	Complete genome sequence of pigeon circovirus detected in racing pigeons in western Japan. <i>Virus Genes</i> , 2015, 51, 140-143.	0.7	9
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6632	Highly efficient identification of thousands of microsatellite loci in the pearl oyster ( <i>Pinctada</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.8	2
6633	The amino acid transporter SLC6A15 is a regulator of hippocampal neurochemistry and behavior. <i>Journal of Psychiatric Research</i> , 2015, 68, 261-269.	1.5	16
6634	Transposable Elements Contribute to Activation of Maize Genes in Response to Abiotic Stress. <i>PLoS Genetics</i> , 2015, 11, e1004915.	1.5	346
6635	Range Wide Phylogeography of <i>Dactylopius coccus</i> (Hemiptera: Dactylopiidae). <i>Annals of the Entomological Society of America</i> , 2015, 108, 299-310.	1.3	4
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6637	Mapping of a quantitative trait locus controlling susceptibility to Coxsackievirus B3-induced viral hepatitis. <i>Genes and Immunity</i> , 2015, 16, 261-267.	2.2	0
6638	Evolutionary dynamics of rhomboid proteases in Streptomycetes. <i>BMC Research Notes</i> , 2015, 8, 234.	0.6	0
6639	Loss of function mutations in <i>HARS</i> cause a spectrum of inherited peripheral neuropathies. <i>Brain</i> , 2015, 138, 2161-2172.	3.7	71
6640	Evaluation of Reference Genes for RT-qPCR in <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) Under UVB Stress. <i>Environmental Entomology</i> , 2015, 44, 418-425.	0.7	31
6641	Characterization of new polymorphic microsatellite loci for the lesser tree frog ( <i>Dendropsophus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	0
6642	Genome-Wide Association Studies in Dogs and Humans Identify ADAMTS20 as a Risk Variant for Cleft Lip and Palate. <i>PLoS Genetics</i> , 2015, 11, e1005059.	1.5	82

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6644	Identification and fine-mapping of a new resistance gene, Xa40, conferring resistance to bacterial blight races in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 1933-1943.	1.8	110
6645	Exome Sequencing in an Admixed Isolated Population Indicates NFXL1 Variants Confer a Risk for Specific Language Impairment. <i>PLoS Genetics</i> , 2015, 11, e1004925.	1.5	50
6646	Cellular Anti-Melanogenic Effects of a <i>Euryale ferox</i> Seed Extract Ethyl Acetate Fraction via the Lysosomal Degradation Machinery. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9217-9235.	1.8	24
6647	Genomic sequencing and microsatellite marker development for <i>Boswellia papyrifera</i> , an economically important but threatened tree native to dry tropical forests. <i>AoB PLANTS</i> , 2015, 7, .	1.2	20
6648	Nxf1 Natural Variant E610G Is a Semi-dominant Suppressor of IAP-Induced RNA Processing Defects. <i>PLoS Genetics</i> , 2015, 11, e1005123.	1.5	10
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7050	Association mapping in <i>Salix viminalis</i> L. (Salicaceae) – identification of candidate genes associated with growth and phenology. <i>GCB Bioenergy</i> , 2016, 8, 670-685.	2.5	32
7051	Furfurylated wood: impact on <i>Postia placenta</i> gene expression and oxalate crystal formation. <i>Holzforschung</i> , 2016, 70, 947-962.	0.9	20
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7055	In silico mining of EST-SSRs in <i>Arachis hypogaea</i> L. and their utilization for genetic structure and diversity analysis in cultivars/breeding lines in Odisha, India. <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	5
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7060	Characterization of Microsatellite Markers for <i>Baccharis dracunculifolia</i> (Asteraceae). <i>Applications in Plant Sciences</i> , 2016, 4, 1500093.	0.8	4
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7072	Analyzing Somatic Genome Rearrangements in Human Cancers by Using Whole-Exome Sequencing. <i>American Journal of Human Genetics</i> , 2016, 98, 843-856.	2.6	33
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7182	Polymorphic Microsatellite Loci for <i>Haumania danckelmaniana</i> and Transferability to <i>H. liebrechtsiana</i> (Marantaceae). <i>Applications in Plant Sciences</i> , 2016, 4, 1500116.	0.8	3
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7313	The LBP/BPI multigenic family in invertebrates: Evolutionary history and evidences of specialization in mollusks. <i>Developmental and Comparative Immunology</i> , 2016, 57, 20-30.	1.0	25
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7319	Antioxidant defense gene analysis in <i>Brassica oleracea</i> and <i>Trifolium repens</i> exposed to Cd and/or Pb. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3136-3151.	2.7	17
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7321	Paralogous SQUAMOSA PROMOTER BINDING PROTEIN-LIKE (SPL) genes differentially regulate leaf initiation and reproductive phase change in <i>petunia</i> . <i>Planta</i> , 2016, 243, 429-440.	1.6	30
7322	In-feed additives modulate ionotropic receptor genes from the sea louse <i>Caligus rogercresseyi</i> : A comparative analysis in two host salmonid species. <i>Aquaculture</i> , 2016, 451, 99-105.	1.7	14
7323	Arginase 1 is a negative regulator of osteoclast differentiation. <i>Amino Acids</i> , 2016, 48, 559-565.	1.2	14
7324	A TaqMan-based qPCR assay for quantitative detection of the biocontrol agents <i>Bacillus subtilis</i> strain QST713 and <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> strain D747. <i>BioControl</i> , 2016, 61, 91-101.	0.9	22
7325	In silico transcriptome analysis of cuticle-related genes associated with delousing drug responses in the sea louse <i>Caligus rogercresseyi</i> . <i>Aquaculture</i> , 2016, 450, 123-135.	1.7	14
7326	Gpd1 Regulates the Activity of Tcp-1 and Heat Shock Response in Yeast Cells: Effect on Aggregation of Mutant Huntingtin. <i>Molecular Neurobiology</i> , 2016, 53, 3900-3913.	1.9	2
7327	Missense variants in AIMP1 gene are implicated in autosomal recessive intellectual disability without neurodegeneration. <i>European Journal of Human Genetics</i> , 2016, 24, 392-399.	1.4	17

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7329	Fructose only in pregnancy provokes hyperinsulinemia, hypoadiponectinemia, and impaired insulin signaling in adult male, but not female, progeny. <i>European Journal of Nutrition</i> , 2016, 55, 665-674.	1.8	27
7330	Using environmental (e)DNA sequencing for aquatic biodiversity surveys: a beginner's guide. <i>Marine and Freshwater Research</i> , 2017, 68, 20.	0.7	36
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7332	Wnt/ $\beta$ -catenin pathway in the prefrontal cortex is required for cocaine-induced neuroadaptations. <i>Addiction Biology</i> , 2017, 22, 933-945.	1.4	15
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7334	Integrative Approach for the Reliable Detection and Specific Identification of the Microsporidium <i>Loma morhua</i> in Atlantic Cod ( <i>Gadus morhua</i> ). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 67-77.	0.8	5
7335	Isolation and characterization of microsatellite loci in the endangered perennial <i>Eleocharis parvula</i> ( <i>Cyperaceae</i> ), emerging in the 2011 tsunami inundation areas. <i>Plant Species Biology</i> , 2017, 32, 169-172.	0.6	1
7336	Exome sequencing revealed a novel splice site variant in the <i>ALX1</i> gene underlying frontonasal dysplasia. <i>Clinical Genetics</i> , 2017, 91, 494-498.	1.0	13
7337	Molecular and physiological responses to titanium dioxide and cerium oxide nanoparticles in <i>Arabidopsis</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 71-82.	2.2	58
7338	Metabolic engineering of anthocyanins in dark tobacco varieties. <i>Physiologia Plantarum</i> , 2017, 159, 2-12.	2.6	40
7339	A wild origin of the loss-of-function lycopene beta cyclase ( <i>CYCb</i> ) allele in cultivated, red-fleshed papaya ( <i>Carica papaya</i> ). <i>American Journal of Botany</i> , 2017, 104, 116-126.	0.8	7
7340	Surviving in isolation: genetic variation, bottlenecks and reproductive strategies in the Canarian endemic <i>Limonium macrophyllum</i> ( <i>Plumbaginaceae</i> ). <i>Genetica</i> , 2017, 145, 91-104.	0.5	8
7341	Genotypic and phenotypic characterization of <i>Cryptococcus flavescens</i> , beneficial biocontrol agents for controlling <i>Fusarium</i> head blight of wheat. <i>Plant Gene</i> , 2017, 11, 41-48.	1.4	0
7342	Development of SSR marker by RNA-seq and its application in genotyping pearl sac in pearl oyster <i>Pinctada fucata martensii</i> . <i>Electronic Journal of Biotechnology</i> , 2017, 25, 70-74.	1.2	9
7343	Cortisol regulates nitric oxide synthase in freshwater and seawater acclimated rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 204, 1-8.	0.8	9
7344	Biochemical and Molecular Mechanisms Associated With the Resistance of the European Corn Borer ( <i>Lepidoptera: Crambidae</i> ) to Lambda-Cyhalothrin and First Monitoring Tool. <i>Journal of Economic Entomology</i> , 2017, 110, tow267.	0.8	7
7345	Development of Microsatellite Markers for <i>Viscum coloratum</i> ( <i>Santalaceae</i> ) and Their Application to Wild Populations. <i>Applications in Plant Sciences</i> , 2017, 5, 1600102.	0.8	8

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7348	Identification of RAN1 orthologue associated with sex determination through whole genome sequencing analysis in fig ( <i>Ficus carica</i> L.). <i>Scientific Reports</i> , 2017, 7, 41124.	1.6	52
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7350	Development of nuclear microsatellite markers for the threatened wetland plant <i>Geranium soboliferum</i> var. <i>kiusianum</i> ( <i>G</i> eraniaceae). <i>Plant Species Biology</i> , 2017, 32, 466-470.	0.6	3
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7352	Uncovering iron regulation with species-specific transcriptome patterns in Atlantic and coho salmon during a <i>Caligus rogercresseyi</i> infestation. <i>Journal of Fish Diseases</i> , 2017, 40, 1169-1184.	0.9	29
7353	SPARC preserves follicular epithelium integrity in insect ovaries. <i>Developmental Biology</i> , 2017, 422, 105-114.	0.9	12
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7355	Characterization of Phytochrome Interacting Factors from the Moss <i>Physcomitrella patens</i> Illustrates Conservation of Phytochrome Signaling Modules in Land Plants. <i>Plant Cell</i> , 2017, 29, 310-330.	3.1	61
7356	Molecular variation and population structure in critically endangered Turks and Caicos Rock Iguanas: identifying intraspecific conservation units and revising subspecific taxonomy. <i>Conservation Genetics</i> , 2017, 18, 479-493.	0.8	11
7357	Generation of a Mouse Model with Smooth Muscle Cell Specific Loss of the Expression of PPAR $\beta$ . <i>Methods in Molecular Biology</i> , 2017, 1527, 381-407.	0.4	2
7358	Sex-related genes expression in juveniles of red abalone, <i>Haliotis rufescens</i> (Swanson, 1822). <i>Invertebrate Reproduction and Development</i> , 2017, 61, 58-69.	0.3	3
7359	Identification and functional characterization of four novel aldo/keto reductases in <i>Anabaena</i> sp. PCC 7120 by integrating wet lab with in silico approaches. <i>Functional and Integrative Genomics</i> , 2017, 17, 413-425.	1.4	6
7360	Characterization of 29 highly polymorphic microsatellite markers for golden snub-nosed monkey ( <i>Rhinopithecus roxellana</i> ). <i>Conservation Genetics Resources</i> , 2017, 9, 229-232.	0.4	2
7361	HRGFish: A database of hypoxia responsive genes in fishes. <i>Scientific Reports</i> , 2017, 7, 42346.	1.6	28
7362	Genotyping <i>CYP2D6</i> by three different methods: advantages and disadvantages. <i>Drug Metabolism and Personalized Therapy</i> , 2017, 32, 33-37.	0.3	1
7363	Defining the diverse spectrum of inversions, complex structural variation, and chromothripsis in the morbid human genome. <i>Genome Biology</i> , 2017, 18, 36.	3.8	159

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7365	Stimulation by abscisic acid of the activity of phosphoenolpyruvate carboxylase in leaf disks of <i>Amaranthus hypochondriacus</i> L., C4 plant: role of pH and protein levels. <i>Protoplasma</i> , 2017, 254, 1973-1981.	1.0	2
7366	Fight or flight? "Flight increases immune gene expression but does not help to fight an infection. <i>Journal of Evolutionary Biology</i> , 2017, 30, 501-511.	0.8	14
7367	Co-occurrence and hybridization of anther-smut pathogens specialized on <i>Dianthus</i> hosts. <i>Molecular Ecology</i> , 2017, 26, 1877-1890.	2.0	28
7368	The phytochelatin synthase gene in date palm ( <i>Phoenix dactylifera</i> L.): Phylogeny, evolution and expression. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 7-17.	2.9	18
7369	Loss of tumor suppressor KDM6A amplifies PRC2-regulated transcriptional repression in bladder cancer and can be targeted through inhibition of EZH2. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	165
7370	Mutations of the aminoacyl-tRNA-synthetases SARS and WARS2 are implicated in the etiology of autosomal recessive intellectual disability. <i>Human Mutation</i> , 2017, 38, 621-636.	1.1	54
7371	Development of Anonymous Nuclear Loci for <i>Pterospora andromedea</i> (Monotropoideae) Using Illumina and Ion Torrent Sequencing Data. <i>Conservation Genetics Resources</i> , 2017, 9, 371-373.	0.4	1
7372	Development and evaluation of a new Real-Time RT-PCR assay for detection of proposed influenza D virus. <i>Journal of Virological Methods</i> , 2017, 243, 31-34.	1.0	29
7374	Genomic Rearrangements in <i>Arabidopsis</i> Considered as Quantitative Traits. <i>Genetics</i> , 2017, 205, 1425-1441.	1.2	21
7375	Functional characterization of AGAMOUS-subfamily members from cotton during reproductive development and in response to plant hormones. <i>Plant Reproduction</i> , 2017, 30, 19-39.	1.3	12
7376	Molecular characteristics of two new waxy mutations in China waxy maize. <i>Molecular Breeding</i> , 2017, 37, 1.	1.0	28
7377	Rapid and effective isolation of candidate sequences for development of microsatellite markers in 30 fish species by using kit-based target capture and multiplexed parallel sequencing. <i>Conservation Genetics Resources</i> , 2017, 9, 479-490.	0.4	4
7378	Gene discovery and marker resource development by transcriptome sequencing from a short-rotation coppice willow, <i>Salix suchowensis</i> . <i>Plant Breeding</i> , 2017, 136, 279-286.	1.0	2
7379	The sphingosine rheostat is involved in the cnidarian heat stress response but not necessarily in bleaching. <i>Journal of Experimental Biology</i> , 2017, 220, 1709-1720.	0.8	20
7380	Divergence of annual and perennial species in the Brassicaceae and the contribution of cis-acting variation at <i>FLC</i> orthologues. <i>Molecular Ecology</i> , 2017, 26, 3437-3457.	2.0	63
7381	H <sup>+</sup> -dependent inorganic phosphate uptake in <i>Trypanosoma brucei</i> is influenced by myo-inositol transporter. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 183-194.	1.0	13
7382	Small genomic insertions form enhancers that misregulate oncogenes. <i>Nature Communications</i> , 2017, 8, 14385.	5.8	76

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7384	Four genes essential for recombination define GInts, a new type of mobile genomic island widespread in bacteria. <i>Scientific Reports</i> , 2017, 7, 46254.	1.6	14
7385	Inhibition of melanogenesis by jineol from <i>Scolopendra subspinipes mutilans</i> via MAP-Kinase mediated MITF downregulation and the proteasomal degradation of tyrosinase. <i>Scientific Reports</i> , 2017, 7, 45858.	1.6	45
7386	Genetic variability of the activity of bidirectional promoters: a pilot study in bovine muscle. <i>DNA Research</i> , 2017, 24, 221-233.	1.5	2
7387	Host-delivered RNAi-mediated root-knot nematode resistance in <i>Arabidopsis</i> by targeting splicing factor and integrase genes. <i>Journal of General Plant Pathology</i> , 2017, 83, 91-97.	0.6	24
7388	Increased phylogenetic resolution within the ecologically important <i>Rhizopogon</i> subgenus <i>Amylopogon</i> using 10 anonymous nuclear loci. <i>Mycologia</i> , 2017, 109, 35-45.	0.8	6
7389	Transcriptome Profiling Reveals the Important Role of Exogenous Nitrogen in Alleviating Cadmium Toxicity in Poplar Plants. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 942-956.	2.8	11
7390	An environmental DNA assay for detecting Macquarie perch, <i>Macquaria australasica</i> . <i>Conservation Genetics Resources</i> , 2017, 9, 257-259.	0.4	8
7391	Screening for six genetically modified soybean lines by an event-specific multiplex PCR method: Collaborative trial validation of a novel approach for GMO detection. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2017, 12, 23-36.	0.5	8
7392	Functional Diets Modulate lncRNA-Coding RNAs and Gene Interactions in the Intestine of Rainbow Trout <i>Oncorhynchus mykiss</i> . <i>Marine Biotechnology</i> , 2017, 19, 287-300.	1.1	29
7393	Bayesian QTL mapping using genome-wide SSR markers and segregating population derived from a cross of two commercial F1 hybrids of tomato. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1601-1616.	1.8	12
7394	Microglia-derived IL-1 $\beta$ promotes chemokine expression by M $\phi$ cells and RPE in focal retinal degeneration. <i>Molecular Neurodegeneration</i> , 2017, 12, 31.	4.4	101
7395	Comparative transcriptomic analysis of <i>Gardnerella vaginalis</i> biofilms vs. planktonic cultures using RNA-seq. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 3.	2.9	66
7396	Development of microsatellite markers based on Expressed Sequence Tags in <i>Asparagus Cochinchinensis</i> (Asparagaceae). <i>Applications in Plant Sciences</i> , 2017, 5, 1700021.	0.8	4
7398	Validating GWAS Variants from Microglial Genes Implicated in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2017, 62, 215-221.	1.1	31
7399	First microsatellite markers for <i>Scaligeria lazica</i> Boiss. (Apiaceae) by next-generation sequencing: population structure and genetic diversity analysis. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 535-543.	0.5	3
7400	Development and Characterization of 18 Polymorphic SSR Markers for <i>Barthea barthei</i> (Melastomataceae). <i>Applications in Plant Sciences</i> , 2017, 5, 1600149.	0.8	1
7401	Transcriptome profiling of sulfate deprivation responses in two agarophytes <i>Gracilaria changii</i> and <i>Gracilaria salicornia</i> (Rhodophyta). <i>Scientific Reports</i> , 2017, 7, 46563.	1.6	15

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7402	Common variants in CLDN14 are associated with differential excretion of magnesium over calcium in urine. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 91-103.	1.3	27
7403	Benznidazole, the trypanocidal drug used for Chagas disease, induces hepatic NRF2 activation and attenuates the inflammatory response in a murine model of sepsis. <i>Toxicology and Applied Pharmacology</i> , 2017, 315, 12-22.	1.3	14
7404	CXCR6-Mediated Simian Immunodeficiency Virus SIVagmSab Entry into Sabaeus African Green Monkey Lymphocytes Implicates Widespread Use of Non-CCR5 Pathways in Natural Host Infections. <i>Journal of Virology</i> , 2017, 91, .	1.5	24
7405	Sensitive Detection of <i>Francisella tularensis</i> Directly from Whole Blood by Use of the GeneXpert System. <i>Journal of Clinical Microbiology</i> , 2017, 55, 291-301.	1.8	10
7406	Drought-Tolerant <i>Brassica rapa</i> Shows Rapid Expression of Gene Networks for General Stress Responses and Programmed Cell Death Under Simulated Drought Stress. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 416-430.	1.0	30
7407	Reliable molecular differentiation of <i>Trichuris ovis</i> and <i>Trichuris discolor</i> from sheep ( <i>Ovis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 females: morphology does not work sufficiently. <i>Parasitology Research</i> , 2017, 116, 2199-2210.	0.6	8
7408	A New Split Hand/Foot Malformation with Long Bone Deficiency Familial Case. <i>Journal of Pediatric Genetics</i> , 2017, 06, 098-102.	0.3	4
7409	Role and Regulation of MicroRNAs in Aldosterone-Mediated Cardiac Injury and Dysfunction in Male Rats. <i>Endocrinology</i> , 2017, 158, 1859-1874.	1.4	22
7410	Simple Sequence Repeat Markers for <i>Kanuka</i> ( <i>Kunzea</i> spp.; Myrtaceae) Present in New Zealand. <i>Applications in Plant Sciences</i> , 2017, 5, 1700008.	0.8	2
7411	Reading <sc>LINE</sc>s within the cocaine addicted brain. <i>Brain and Behavior</i> , 2017, 7, e00678.	1.0	11
7412	Regulatory landscape fusion in rhabdomyosarcoma through interactions between the PAX3 promoter and FOXO1 regulatory elements. <i>Genome Biology</i> , 2017, 18, 106.	3.8	24
7413	Development of a chemiluminescent DNA fibre optic genosensor to Hepatitis A Virus (HAV). <i>Talanta</i> , 2017, 174, 401-408.	2.9	10
7414	Integration of transcriptomic and metabolic data reveals hub transcription factors involved in drought stress response in sunflower ( <i>Helianthus annuus</i> L.). <i>Plant Molecular Biology</i> , 2017, 94, 549-564.	2.0	51
7415	Activation of cell surface GRP78 decreases endoplasmic reticulum stress and neuronal death. <i>Cell Death and Differentiation</i> , 2017, 24, 1518-1529.	5.0	56
7416	Evolutionary dynamics of an expressed MHC class II $\beta$ locus in the Ranidae (Anura) uncovered by genome walking and high-throughput amplicon sequencing. <i>Developmental and Comparative Immunology</i> , 2017, 76, 177-188.	1.0	10
7417	Controlled water deficit during ripening affects proanthocyanidin synthesis, concentration and composition in Cabernet Sauvignon grape skins. <i>Plant Physiology and Biochemistry</i> , 2017, 117, 34-41.	2.8	33
7418	Analysis of LINE-1 Elements in DNA from Postmortem Brains of Individuals with Schizophrenia. <i>Neuropsychopharmacology</i> , 2017, 42, 2602-2611.	2.8	60
7419	Exploiting fine-scale genetic and physiological variation of closely related microbes to reveal unknown enzyme functions. <i>Journal of Biological Chemistry</i> , 2017, 292, 13056-13067.	1.6	18

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7421	Application of a simplified method of chloroplast enrichment to small amounts of tissue for chloroplast genome sequencing. <i>Applications in Plant Sciences</i> , 2017, 5, 1700002.	0.8	19
7422	Development of Microsatellite Loci in Mediterranean Sarsaparilla ( <i>Smilax aspera</i> ; Smilacaceae) Using Transcriptome Data. <i>Applications in Plant Sciences</i> , 2017, 5, 1700005.	0.8	8
7423	Chloroplast and Mitochondrial Microsatellites for <i>Millettia pinnata</i> (Fabaceae) and Cross-Amplification in Related Species. <i>Applications in Plant Sciences</i> , 2017, 5, 1700034.	0.8	1
7424	Independent variant analysis of <i>TEAD1</i> and <i>OCEL1</i> in 38 Aicardi syndrome patients. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2017, 5, 117-121.	0.6	6
7425	The genome sequence of sweet cherry ( <i>Prunus avium</i> ) for use in genomics-assisted breeding. <i>DNA Research</i> , 2017, 24, 499-508.	1.5	212
7426	Mapping of homoeologous chromosome exchanges influencing quantitative trait variation in <i>Brassica napus</i> . <i>Plant Biotechnology Journal</i> , 2017, 15, 1478-1489.	4.1	93
7427	Ozone Therapy Protects Against Rejection in a Lung Transplantation Model: A New Treatment?. <i>Annals of Thoracic Surgery</i> , 2017, 104, 458-464.	0.7	10
7428	<i>ACSS2</i> gene variant associated with cleft lip and palate in two independent Hispanic populations. <i>Laryngoscope</i> , 2017, 127, E336-E339.	1.1	2
7429	Additive QTLs on three chromosomes control flowering time in woodland strawberry ( <i>Fragaria vesca</i> ) Tj ETQq1 1 0.784314 rgBT / Overl	2.9	29
7430	R2TP/Prefoldin-like component RUVBL1/RUVBL2 directly interacts with ZNHIT2 to regulate assembly of U5 small nuclear ribonucleoprotein. <i>Nature Communications</i> , 2017, 8, 15615.	5.8	85
7431	Chronic exposure to a neonicotinoid increases expression of antimicrobial peptide genes in the bumblebee <i>Bombus impatiens</i> . <i>Scientific Reports</i> , 2017, 7, 44773.	1.6	13
7432	Hypoplastic Left Heart Syndrome Sequencing Reveals a Novel NOTCH1 Mutation in a Family with Single Ventricle Defects. <i>Pediatric Cardiology</i> , 2017, 38, 1232-1240.	0.6	25
7433	Development of a diagnostic DNA marker for the geographic origin of <i>Shorea leprosula</i> . <i>Holzforschung</i> , 2017, 71, 1-10.	0.9	4
7434	Distribution of BDNF and TrkB isoforms in growing antler tissues of red deer. <i>Annals of Anatomy</i> , 2017, 213, 33-46.	1.0	0
7435	Allergenic Asteraceae in air particulate matter: quantitative DNA analysis of mugwort and ragweed. <i>Aerobiologia</i> , 2017, 33, 493-506.	0.7	9
7436	Sequence analysis of pooled bacterial samples enables identification of strain variation in group A streptococcus. <i>Scientific Reports</i> , 2017, 7, 45771.	1.6	3
7437	Identification of cvSI-3 and evidence for the wide distribution and active evolution of the I84 family of protease inhibitors in mollusks. <i>Fish and Shellfish Immunology</i> , 2017, 62, 332-340.	1.6	11

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7439	Hyperglycemia exacerbates colon cancer malignancy through hexosamine biosynthetic pathway. Oncogenesis, 2017, 6, e306-e306.	2.1	87
7440	Genome-wide DNA methylation profiles reveal novel candidate genes associated with meat quality at different age stages in hens. Scientific Reports, 2017, 7, 45564.	1.6	61
7441	Development and validation of EST-SSR markers for <i>Fokienia hodginsii</i> (Cupressaceae). Applications in Plant Sciences, 2017, 5, 1600152.	0.8	9
7442	Intestinal transcriptome modulation by functional diets in rainbow trout: A high-throughput sequencing appraisal to highlight GALT immunomodulation. Fish and Shellfish Immunology, 2017, 64, 325-338.	1.6	22
7443	ABA Biosynthesis Genes are Down-regulated While Auxin and Cytokinin Biosynthesis Genes are Up-regulated During the Release of Grapevine Buds From Endodormancy. Journal of Plant Growth Regulation, 2017, 36, 814-823.	2.8	21
7444	Biocatalytic Approaches towards the Synthesis of Chiral Amino Alcohols from Lysine: Cascade Reactions Combining alpha-Keto Acid Oxygenase Hydroxylation with Pyridoxal Phosphate-Dependent Decarboxylation. Advanced Synthesis and Catalysis, 2017, 359, 1563-1569.	2.1	20
7445	Autism gene Ube3a and seizures impair sociability by repressing VTA Cbln1. Nature, 2017, 543, 507-512.	13.7	125
7446	The detection and quantification of <i>Bacillus thuringiensis</i> spores from soil and swabs using quantitative PCR as a model system for routine diagnostics of <i>Bacillus anthracis</i> . Journal of Applied Microbiology, 2017, 123, 116-123.	1.4	3
7447	Acclimation to hypoxia increases carbohydrate use during exercise in high-altitude deer mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R400-R411.	0.9	43
7448	Long-term acclimation to reciprocal light conditions suggests depth-related selection in the marine foundation species <i>Posidonia oceanica</i> . Ecology and Evolution, 2017, 7, 1148-1164.	0.8	37
7449	An Atelocollagen Coating for Efficient Local Gene Silencing by Using Small Interfering RNA. Molecular Therapy - Nucleic Acids, 2017, 6, 290-301.	2.3	9
7450	Development and characterization of twelve microsatellite markers for <i>Porphyra linearis</i> Greville. Genetica, 2017, 145, 127-130.	0.5	8
7451	Lead (Pb) exposure reduces global DNA methylation level by non-competitive inhibition and alteration of dnmt expression. Metallomics, 2017, 9, 149-160.	1.0	61
7452	<i>GPX3</i> promoter methylation predicts platinum sensitivity in colorectal cancer. Epigenetics, 2017, 12, 540-550.	1.3	43
7453	Inflammation influences immune cell survival factors in human bone marrow. European Journal of Immunology, 2017, 47, 481-492.	1.6	78
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7460	Roles of interferon-stimulated gene 15 protein in bovine embryo development. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1209.	0.1	13
7461	Transcriptional immune response in mesenteric lymph nodes in pigs with different levels of resistance to <i>Ascaris suum</i> . <i>Acta Parasitologica</i> , 2017, 62, 141-153.	0.4	5
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7464	High-throughput development of genome-wide locus-specific informative SSR markers in wheat. <i>Science China Life Sciences</i> , 2017, 60, 671-673.	2.3	5
7465	Global decay of mRNA is a hallmark of apoptosis in aging <i>Xenopus</i> eggs. <i>RNA Biology</i> , 2017, 14, 339-346.	1.5	8
7466	Characterization of the global transcriptome and microsatellite marker information for spotted halibut <i>Verasper variegatus</i> . <i>Genes and Genomics</i> , 2017, 39, 307-316.	0.5	7
7467	The flagellar master operon <i>flh</i> is a pleiotropic regulator involved in motility and virulence of the fish pathogen <i>Yersinia ruckeri</i> . <i>Journal of Applied Microbiology</i> , 2017, 122, 578-588.	1.4	15
7468	Hepatic gene transcription profiles in turbot ( <i>Scophthalmus maximus</i> ) experimentally exposed to heavy fuel oil n° 6 and to styrene. <i>Marine Environmental Research</i> , 2017, 123, 14-24.	1.1	7
7469	Sperm pretreatment with heparin and l-glutathione, sex-sorting, and double cryopreservation to improve intracytoplasmic sperm injection in bovine. <i>Theriogenology</i> , 2017, 93, 62-70.	0.9	16
7470	Mapping and expression of genes associated with raspberry fruit ripening and softening. <i>Theoretical and Applied Genetics</i> , 2017, 130, 557-572.	1.8	29
7471	Transcriptomics and proteomics reveal genetic and biological basis of superior biomass crop <i>Miscanthus</i> . <i>Scientific Reports</i> , 2017, 7, 13777.	1.6	13
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7473	A deletion of the gene encoding amino aldehyde dehydrogenase enhances the "pandan-like" aroma of winter melon ( <i>Benincasa hispida</i> ) and is a functional marker for the development of the aroma. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2557-2565.	1.8	18
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7476	Mollugin enhances the osteogenic action of BMP-2 via the p38 $\alpha$ Smad signaling pathway. <i>Archives of Pharmacal Research</i> , 2017, 40, 1328-1335.	2.7	7
7477	Fecal Clostridium symbiosum for Noninvasive Detection of Early and Advanced Colorectal Cancer: Test and Validation Studies. <i>EBioMedicine</i> , 2017, 25, 32-40.	2.7	121
7478	The effect of insecticide synergist treatment on genome-wide gene expression in a polyphagous pest. <i>Scientific Reports</i> , 2017, 7, 13440.	1.6	32
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7487	Comparative genomics and phylogenomics of Trichostrongyloidea mitochondria reveal insights for molecular diagnosis and evolutionary biology of nematode worms. <i>Gene Reports</i> , 2017, 9, 65-73.	0.4	5
7488	Development of an SSR-based genetic map in sesame and identification of quantitative trait loci associated with charcoal rot resistance. <i>Scientific Reports</i> , 2017, 7, 8349.	1.6	31
7489	Escaping introns in <i>COI</i> through <i>cDNA</i> barcoding of mushrooms: <i>Pleurotus</i> as a test case. <i>Ecology and Evolution</i> , 2017, 7, 6972-6980.	0.8	6
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7495	Whole blood transcriptome analysis reveals potential competition in metabolic pathways between negative energy balance and response to inflammatory challenge. <i>Scientific Reports</i> , 2017, 7, 2379.	1.6	14
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7505	Deep sequencing reveals variations in somatic cell mosaic mutations between monozygotic twins with discordant psychiatric disease. <i>Human Genome Variation</i> , 2017, 4, 17032.	0.4	22
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7513	Development and characterization of 20 polymorphic microsatellite markers for <i>Livistona chinensis</i> R. Br. var. <i>subglobosa</i> Becc., a fan palm in the Ryukyu Archipelago, Japan. Plant Species Biology, 2017, 32, 477-481.	0.6	0
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7524	Dietary perturbations alter the ecological significance of ingested <i>Lactobacillus plantarum</i> in the digestive tract. Scientific Reports, 2017, 7, 7267.	1.6	9
7525	Distribution of circular single-stranded DNA viruses associated with benthic amphipods of genus <i>Diporeia</i> in the Laurentian Great Lakes. Freshwater Biology, 2017, 62, 1220-1231.	1.2	11
7526	Role of <i>WNT10A</i> in failure of tooth development in humans and zebrafish. Molecular Genetics & Genomic Medicine, 2017, 5, 730-741.	0.6	27
7527	Polymorphic fungus-specific microsatellite markers of <i>Bactrospora dryina</i> reveal multiple colonizations of trees. Lichenologist, 2017, 49, 561-577.	0.5	3
7528	Physiological characterization, transcriptomic profiling, and microsatellite marker mining of <i>Lycium ruthenicum</i> . Journal of Zhejiang University: Science B, 2017, 18, 1002-1021.	1.3	12
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7531	Development of Novel Small InDel Markers in Jute ( <i>Corchorus</i> spp.). <i>Tropical Plant Biology</i> , 2017, 10, 169-176.	1.0	10
7532	Identification of Quantitative Trait Loci for Resistance to RSIVD in Red Sea Bream ( <i>Pagrus major</i> ). <i>Marine Biotechnology</i> , 2017, 19, 601-613.	1.1	29
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7534	<i>Mycobacterium smegmatis</i> PafBC is involved in regulation of DNA damage response. <i>Scientific Reports</i> , 2017, 7, 13987.	1.6	34
7535	Genetic Diversity and Population Structure of <i>Gerbera delavayi</i> (Asteraceae) in Southwest China: Implications for Conservation. <i>Annales Botanici Fennici</i> , 2017, 54, 409-422.	0.0	3
7536	Expression of tissue-specific imprinted gene tumor Suppressing Subtransferable Candidate 4 (TSSC4) is altered in placentae produced by nuclear transfer in cattle. <i>Animal Reproduction Science</i> , 2017, 187, 174-180.	0.5	2
7537	Development and Characterization of EST-SSR Markers Via Transcriptome Sequencing in <i>Brainea insignis</i> (Aspleniaceae s.l.). <i>Applications in Plant Sciences</i> , 2017, 5, 1700067.	0.8	1
7538	Development, characterization and cross-amplification of microsatellite markers for <i>Chrysolina obovata</i> , an important Asteraceae from Brazilian Cerrado. <i>Journal of Genetics</i> , 2017, 96, 47-53.	0.4	6
7539	<i>EIF1AX</i> and <i>NRAS</i> Mutations Co-occur and Cooperate in Low-Grade Serous Ovarian Carcinomas. <i>Cancer Research</i> , 2017, 77, 4268-4278.	0.4	56
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7542	Effects of epigallocatechin-3-gallate on thermogenesis and mitochondrial biogenesis in brown adipose tissues of diet-induced obese mice. <i>Food and Nutrition Research</i> , 2017, 61, 1325307.	1.2	48
7543	A potential role for chondroitin sulfate/dermatan sulfate in arm regeneration in <i>Amphiura filiformis</i> . <i>Glycobiology</i> , 2017, 27, cwx010.	1.3	14
7544	Genome-wide mapping and characterization of microsatellites in the swamp eel genome. <i>Scientific Reports</i> , 2017, 7, 3157.	1.6	23
7545	Development of Polymorphic Tetranucleotide Microsatellite Markers for New World Warblers (Aves: Tj ETQq1 1 0.784314 rgBT /Over 401-407.	0.1	1
7546	High-quality genetic mapping with ddRADseq in the non-model tree <i>Quercus rubra</i> . <i>BMC Genomics</i> , 2017, 18, 417.	1.2	29
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7549	Cry1Ac-mediated resistance to tomato leaf miner ( <i>Tuta absoluta</i> ) in tomato. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 65-73.	1.2	25
7550	Genetic variation and phylogenetic relationships of the ectomycorrhizal <i>Floccularia luteovirens</i> on the Qinghai-Tibet Plateau. <i>Journal of Microbiology</i> , 2017, 55, 600-606.	1.3	12
7551	Protoplast fusion in the genus <i>Gentiana</i> : genomic composition and genetic stability of somatic hybrids between <i>Gentiana kurroo</i> Royle and <i>G. cruciata</i> L. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 1-14.	1.2	19
7552	Enhanced transcriptomic responses in the Pacific salmon louse <i>Lepeophtheirus salmonis oncorhynchi</i> to the non-native Atlantic Salmon <i>Salmo salar</i> suggests increased parasite fitness. <i>BMC Genomics</i> , 2017, 18, 110.	1.2	16
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7559	Reference genes for normalization of qPCR assays in sugarcane plants under water deficit. <i>Plant Methods</i> , 2017, 13, 28.	1.9	40
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7561	Gene silencing by RNA interference in <i>Sarcoptes scabiei</i> : a molecular tool to identify novel therapeutic targets. <i>Parasites and Vectors</i> , 2017, 10, 289.	1.0	22
7562	The characterisation of microsatellite markers reveals tetraploidy in the Greater Water Parsnip, <i>Sium latifolium</i> (Apiaceae). <i>BMC Research Notes</i> , 2017, 10, 204.	0.6	1
7563	Fine selection of up-regulated genes during ovulation by in vivo induction of oocyte maturation and ovulation in zebrafish. <i>Zoological Letters</i> , 2017, 3, 2.	0.7	11
7564	Superoxide-responsive gene expression in <i>Arabidopsis thaliana</i> and <i>Zea mays</i> . <i>Plant Physiology and Biochemistry</i> , 2017, 117, 51-60.	2.8	19
7565	mRNA levels of circadian clock components <i>Bmal1</i> and <i>Per2</i> alter independently from dosing time-dependent efficacy of combination treatment with valsartan and amlodipine in spontaneously hypertensive rats. <i>Clinical and Experimental Hypertension</i> , 2017, 39, 754-763.	0.5	3

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7567	Molecular alterations in bone marrow mesenchymal stromal cells derived from acute myeloid leukemia patients. <i>Leukemia</i> , 2017, 31, 1069-1078.	3.3	81
7568	Transgenic sugarcane overexpressing CaneCPI-1 negatively affects the growth and development of the sugarcane weevil <i>Sphenophorus levis</i> . <i>Plant Cell Reports</i> , 2017, 36, 193-201.	2.8	33
7569	Heat shock protein 83 plays pleiotropic roles in embryogenesis, longevity, and fecundity of the pea aphid <i>Acyrtosiphon pisum</i> . <i>Development Genes and Evolution</i> , 2017, 227, 1-9.	0.4	45
7570	Expression of VEGF 111 and other VEGF-A variants in the rat uterus is correlated with stage of pregnancy. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 353-360.	0.7	15
7571	Spontaneous Mutation Accumulation in <i>Daphnia pulex</i> in Selection-Free vs. Competitive Environments. <i>Molecular Biology and Evolution</i> , 2017, 34, 160-173.	3.5	67
7572	Extracting <i>scp</i> DNA from "jaws": high yield and quality from archived tiger shark ( <i>Galeocerdo cuvier</i> ) skeletal material. <i>Molecular Ecology Resources</i> , 2017, 17, 431-442.	2.2	12
7573	Sex-specific characterization and evaluation of the Alzheimer's disease genetic risk factor <i>sorl1</i> in zebrafish during aging and in the adult brain following a 100%ppb embryonic lead exposure. <i>Journal of Applied Toxicology</i> , 2017, 37, 400-407.	1.4	13
7574	The Impact of Oxytocin Gene Knockout on Sexual Behavior and Gene Expression Related to Neuroendocrine Systems in the Brain of Female Mice. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 803-815.	1.7	18
7575	The poor lonesome A subgenome of <i>Brassica napus</i> var. Darmor (AACC) may not survive without its mate. <i>New Phytologist</i> , 2017, 213, 1886-1897.	3.5	12
7576	Methylparaben stimulates tumor initiating cells in ER+ breast cancer models. <i>Journal of Applied Toxicology</i> , 2017, 37, 417-425.	1.4	38
7577	Influence of temperature, mixing, and addition of microcystin-LR on microcystin gene expression in <i>Microcystis aeruginosa</i> . <i>MicrobiologyOpen</i> , 2017, 6, e00393.	1.2	27
7578	Loss of hypothalamic corticotropin-releasing hormone markedly reduces anxiety behaviors in mice. <i>Molecular Psychiatry</i> , 2017, 22, 733-744.	4.1	75
7579	A copy number variation in <i>PKD1L2</i> is associated with colorectal cancer predisposition in Korean population. <i>International Journal of Cancer</i> , 2017, 140, 86-94.	2.3	11
7580	Toward an Understanding of Divergent Compound Eye Development in Drones and Workers of the Honeybee ( <i>Apis mellifera</i> L.): A Correlative Analysis of Morphology and Gene Expression. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2017, 328, 139-156.	0.6	5
7581	Genetic variability and historic stability of the California spiny lobster <i>Panulirus interruptus</i> in the Gulf of California. <i>Fisheries Research</i> , 2017, 185, 130-136.	0.9	3
7582	Exome sequencing reveals novel homozygous <i>FOXE3</i> mutation in microphthalmos with staphylomatous malformation. <i>Ophthalmic Genetics</i> , 2017, 38, 295-297.	0.5	7
7583	Prolactin and cortisol regulate branchial claudin expression in Japanese medaka. <i>General and Comparative Endocrinology</i> , 2017, 240, 77-83.	0.8	10

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7585	Coating independent cytotoxicity of citrate- and PEG-coated silver nanoparticles on a human hepatoma cell line. <i>Journal of Environmental Sciences</i> , 2017, 51, 191-201.	3.2	18
7586	Polymorphisms in MCT1, CD147, PDK4, and DMRT3 genes in Arabian and Quarter Horses. <i>Journal of Equine Veterinary Science</i> , 2017, 48, 161-165.e1.	0.4	9
7587	The Expression of Checkpoint and DNA Repair Genes in Head and Neck Cancer as Possible Predictive Factors. <i>Pathology and Oncology Research</i> , 2017, 23, 253-264.	0.9	5
7588	Chloroplast DNA sequencing and detailed microsatellite genotyping of all remnant populations suggests that only a single genet survives of the critically endangered plant <i>Rehmannia japonica</i> . <i>Journal of Plant Research</i> , 2017, 130, 117-124.	1.2	3
7589	Iron metabolism modulation in Atlantic salmon infested with the sea lice <i>Lepeophtheirus salmonis</i> and <i>Caligus rogercresseyi</i> : A matter of nutritional immunity?. <i>Fish and Shellfish Immunology</i> , 2017, 60, 97-102.	1.6	32
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7592	<i>S-nitrosoglutathione</i> promotes cell wall remodelling, alters the transcriptional profile and induces root hair formation in the hairless <i>root hair defective 6</i> ( <i>rhd6</i> ) mutant of <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2017, 213, 1771-1786.	3.5	23
7593	Isolation and Characterisation of 11 Microsatellite Loci in the Ecuadorian Hillstar <i>Oreochilus chimborazo</i> . <i>Ardeola</i> , 2017, 64, 5-9.	0.4	4
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7598	Maternal nutrient restriction in mid-to-late gestation influences fetal mRNA expression in muscle tissues in beef cattle. <i>BMC Genomics</i> , 2017, 18, 632.	1.2	59
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7600	Isolation and Characterization of Microsatellite Markers for <i>Hypochaeris incana</i> (Asteraceae) and Close Relatives. <i>Applications in Plant Sciences</i> , 2017, 5, 1700081.	0.8	0
7601	Development and Characterization of EST-SSR Markers for <i>Ottelia acuminata</i> var. <i>jingxiensis</i> (Hydrocharitaceae). <i>Applications in Plant Sciences</i> , 2017, 5, 1700083.	0.8	4

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7611	Genome-Wide Association Study of Genetic Control of Seed Fatty Acid Biosynthesis in <i>Brassica napus</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 2062.	1.7	84
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7623	Identification, Validation and Utilization of Novel Nematode-Responsive Root-Specific Promoters in <i>Arabidopsis</i> for Inducing Host-Delivered RNAi Mediated Root-Knot Nematode Resistance. <i>Frontiers in Plant Science</i> , 2017, 8, 2049.	1.7	22
7624	Comparative genome-wide polymorphic microsatellite markers in Antarctic penguins through next generation sequencing. <i>Genetics and Molecular Biology</i> , 2017, 40, 676-687.	0.6	9
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7627	The Inhibitory Effect of Tartary Buckwheat Extracts on Adipogenesis and Inflammatory Response. <i>Molecules</i> , 2017, 22, 1160.	1.7	26
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7642	Methane Production in Dairy Cows Correlates with Rumen Methanogenic and Bacterial Community Structure. <i>Frontiers in Microbiology</i> , 2017, 8, 226.	1.5	218
7643	Novel <i>Synechococcus</i> Genomes Reconstructed from Freshwater Reservoirs. <i>Frontiers in Microbiology</i> , 2017, 8, 1151.	1.5	69
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7645	Reconstruction of Diverse Verrucomicrobial Genomes from Metagenome Datasets of Freshwater Reservoirs. <i>Frontiers in Microbiology</i> , 2017, 8, 2131.	1.5	68
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7652	Development and Validation of a PCR-ELISA for the Diagnosis of Symptomatic and Asymptomatic Infection by <i>Leishmania (Leishmania) infantum</i> . <i>Journal of Tropical Medicine</i> , 2017, 2017, 1-10.	0.6	12
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7654	Effect of <i>Pseudomonas fluorescens</i> inoculation on the improvement of iron deficiency in tomato. <i>Plant Root</i> , 2017, 11, 1-9.	0.3	12
7655	Interaction of Recombinant <i>Gallus gallus</i> SEPT5 and Brain Proteins of H5N1-Avian Influenza Virus-Infected Chickens. <i>Proteomes</i> , 2017, 5, 23.	1.7	5

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7663	Positive selection and comparative molecular evolution of reproductive proteins from New Zealand tree weta (Orthoptera, Hemideina). <i>PLoS ONE</i> , 2017, 12, e0188147.	1.1	4
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7666	Four terpene synthases contribute to the generation of chemotypes in tea tree ( <i>Melaleuca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 To	1.6	17
7667	Report on the development of putative functional SSR and SNP markers in passion fruits. <i>BMC Research Notes</i> , 2017, 10, 445.	0.6	9
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7670	Limitations of using feline coronavirus spike protein gene mutations to diagnose feline infectious peritonitis. <i>Veterinary Research</i> , 2017, 48, 60.	1.1	47
7671	High-throughput PCR assay design for targeted resequencing using primerXL. <i>BMC Bioinformatics</i> , 2017, 18, 400.	1.2	13
7672	Characterization and Development of EST-Derived SSR Markers in <i>Sinowilsonia henryi</i> (Hamamelidaceae). <i>Applications in Plant Sciences</i> , 2017, 5, 1700080.	0.8	6
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7675	An Insight into T-DNA Integration Events in <i>Medicago sativa</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1951.	1.8	8
7676	A Sweet Story: Bean pod mottle virus Transmission Dynamics by Mexican Bean Beetles ( <i>Epilachna</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	1.1	17
7677	Development of microsatellite loci for <i>Cryptocarya mandioccana</i> Meisner (Lauraceae) and their genotyping success in different tissues. <i>Hoehnea (revista)</i> , 2017, 44, 580-587.	0.2	0
7678	Experimental transmission efficiency of Plum pox virus T by <i>Myzus persicae</i> Sulzer (Homoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.1	0
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7681	Identification and sequence analysis of putative <i>Sulla</i> species nod factor receptor. <i>Microbial Pathogenesis</i> , 2018, 117, 88-92.	1.3	1
7682	Ammonium intensifies CAM photosynthesis and counteracts drought effects by increasing malate transport and antioxidant capacity in <i>Guzmania monostachia</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 1993-2003.	2.4	17
7683	Contrasting patterns of diversification in two sister species of martins (Aves: Hirundinidae): The Sand Martin <i>Riparia riparia</i> and the Pale Martin <i>R. diluta</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 116-126.	1.2	4
7684	The overexpression of RXam1, a cassava gene coding for an RLK, confers disease resistance to <i>Xanthomonas axonopodis</i> pv. <i>manihotis</i> . <i>Planta</i> , 2018, 247, 1031-1042.	1.6	17
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7687	Comparative Transcriptome Analysis of Pecan Female and Male Inflorescences. <i>Russian Journal of Plant Physiology</i> , 2018, 65, 186-196.	0.5	7
7688	Investigation of Cry3Bb1 resistance and intoxication in western corn rootworm by RNA sequencing. <i>Journal of Applied Entomology</i> , 2018, 142, 921-936.	0.8	11
7689	The slowdown of Y chromosome expansion in dioecious <i>Silene latifolia</i> due to DNA loss and male-specific silencing of retrotransposons. <i>BMC Genomics</i> , 2018, 19, 153.	1.2	21
7690	Satellite DNAs are conserved and differentially transcribed among <i>Gryllus</i> cricket species. <i>DNA Research</i> , 2018, 25, 137-147.	1.5	18
7691	TaqMan PCR assay for detection and quantification of <i>Stagonosporopsis tanacetii</i> in pyrethrum seed and seedlings. <i>European Journal of Plant Pathology</i> , 2018, 150, 1041-1048.	0.8	3

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7702	Cell cycle heterogeneity directs the timing of neural stem cell activation from quiescence. <i>Science</i> , 2018, 360, 99-102.	6.0	126
7703	Global gene regulation in tomato plant ( <i>Solanum lycopersicum</i> ) responding to vector (Bactericera) Tj ETQq1 1 0.784314 rgBT /Overlock Biology, 2018, 97, 57-72.	2.0	18
7704	Mining and comparative survey of EST-SSR markers among members of Euphorbiaceae family. <i>Molecular Biology Reports</i> , 2018, 45, 453-468.	1.0	5
7705	Evolutionary conservation of a core fungal phosphate homeostasis pathway coupled to development in <i>Blastocladiella emersonii</i> . <i>Fungal Genetics and Biology</i> , 2018, 115, 20-32.	0.9	13
7706	De-novo assembly and transcriptome analysis of <i>Odontesthes argentinensis</i> gill tissue, with development of single sequence repeat markers. <i>Gene Reports</i> , 2018, 11, 220-228.	0.4	3
7707	Whole-genome re-sequencing of two Italian tomato landraces reveals sequence variations in genes associated with stress tolerance, fruit quality and long shelf-life traits. <i>DNA Research</i> , 2018, 25, 149-160.	1.5	68
7708	Circadian signaling in <i>Homarus americanus</i> : Region-specific de novo assembled transcriptomes show that both the brain and eyestalk ganglia possess the molecular components of a putative clock system. <i>Marine Genomics</i> , 2018, 40, 25-44.	0.4	25
7709	Population genetic structure of <i>Diaphorina citri</i> Kuwayama (Hemiptera: Liviidae): host-driven genetic differentiation in China. <i>Scientific Reports</i> , 2018, 8, 1473.	1.6	15

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7711	Different role of TTX-sensitive voltage-gated sodium channel (Na <sub>v</sub> 1) subtypes in action potential initiation and conduction in vagal airway nociceptors. <i>Journal of Physiology</i> , 2018, 596, 1419-1432.	1.3	33
7712	A Single Amino Acid Change in the Response Regulator PhoP, Acquired during <i>Yersinia pestis</i> Evolution, Affects PhoP Target Gene Transcription and Polymyxin B Susceptibility. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	16
7713	The Molecular and Genetic Characterization of Second Chromosome Balancers in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1161-1171.	0.8	17
7714	Detection and discrimination of five <i>E. coli</i> pathotypes using a combinatory SYBR® Green qPCR screening system. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3267-3285.	1.7	17
7715	Whole-exome sequencing and gene-based rare variant association tests suggest that PLA2G4E might be a risk gene for panic disorder. <i>Translational Psychiatry</i> , 2018, 8, 41.	2.4	16
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7717	Detection of <i>Shigella</i> spp. nucleic acids in the synovial tissue of Tunisian rheumatoid arthritis patients and other forms of arthritis by quantitative real-time polymerase chain reaction. <i>Rheumatology International</i> , 2018, 38, 1009-1016.	1.5	0
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7719	<i>ELIGULUM-A</i> Regulates Lateral Branch and Leaf Development in Barley. <i>Plant Physiology</i> , 2018, 176, 2750-2760.	2.3	22
7720	Comparative Genomics Shows That <i>Mycobacterium ulcerans</i> Migration and Expansion Preceded the Rise of Buruli Ulcer in Southeastern Australia. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	32
7721	The vesicle trafficking regulator PN_SCD1 is demethylated and overexpressed in florets of apomictic <i>Paspalum notatum</i> genotypes. <i>Scientific Reports</i> , 2018, 8, 3030.	1.6	16
7722	Oviductal extracellular vesicles (oviductosomes, OVS) are conserved in humans: murine OVS play a pivotal role in sperm capacitation and fertility. <i>Molecular Human Reproduction</i> , 2018, 24, 143-157.	1.3	48
7723	Evolutionary diversification of galactinol synthases in Rosaceae: adaptive roles of galactinol and raffinose during apple bud dormancy. <i>Journal of Experimental Botany</i> , 2018, 69, 1247-1259.	2.4	33
7724	Ephexin1 Is Required for Eph-Mediated Limb Trajectory of Spinal Motor Axons. <i>Journal of Neuroscience</i> , 2018, 38, 2043-2056.	1.7	9
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7729	Comparative transcriptomics uncovers differences in photoautotrophic versus photoheterotrophic modes of nutrition in relation to secondary metabolites biosynthesis in <i>Swertia chirayita</i> . <i>Molecular Biology Reports</i> , 2018, 45, 77-98.	1.0	12
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7735	Development of microsatellite markers using next-generation sequencing for the fish <i>Colossoma macropomum</i> . <i>Molecular Biology Reports</i> , 2018, 45, 9-18.	1.0	11
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7737	Double-Cone Localization and Seasonal Expression Pattern Suggest a Role in Magnetoreception for European Robin Cryptochrome 4. <i>Current Biology</i> , 2018, 28, 211-223.e4.	1.8	134
7738	Transcriptome datasets of macrophages infected with different strains of <i>Leptospira</i> spp. <i>Data in Brief</i> , 2018, 16, 1044-1050.	0.5	5
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7740	Identifying potential molecular factors involved in <i>Bacillus amyloliquefaciens</i> 5113 mediated abiotic stress tolerance in wheat. <i>Plant Biology</i> , 2018, 20, 271-279.	1.8	38
7741	PCR procedure for detecting the fish pathogen <i>Tenacibaculum dicentrarchi</i> . <i>Journal of Fish Diseases</i> , 2018, 41, 715-719.	0.9	16
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7766	Characterization of <i>spaC</i> -type <i>Erysipelothrix</i> sp. isolates causing systemic disease in ornamental fish. <i>Journal of Fish Diseases</i> , 2018, 41, 49-60.	0.9	31
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7772	A root-knot nematode small glycine and cysteine-rich secreted effector, MiSGCR1, is involved in plant parasitism. <i>New Phytologist</i> , 2018, 217, 687-699.	3.5	85
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7789	Relationships among cultivated <i>Opuntia ficus-indica</i> genotypes and related species assessed by cytoplasmic markers. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 759-773.	0.8	10
7790	Conspicuous morphological differentiation without speciation in <i>Anemonia viridis</i> (Cnidaria). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.5	8
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7796	Molecular markers for <i>Nassella trichotoma</i> (Poaceae) to study genetic variation in New Zealand. <i>Applications in Plant Sciences</i> , 2018, 6, e1181.	0.8	0
7797	Polymorphism in <i>Litopenaeus vannamei</i> genes and cross-species amplification in other shrimp species. <i>Pesquisa Agropecuaria Brasileira</i> , 2018, 53, 121-124.	0.9	2
7798	Identification and development of microsatellite markers in <i>Hamamelis mollis</i> (Hamamelidaceae). <i>Applications in Plant Sciences</i> , 2018, 6, e01189.	0.8	4
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7807	Transplant Virus Detection Using Multiplex Targeted Sequencing. <i>Journal of Applied Laboratory Medicine</i> , 2018, 2, 757-769.	0.6	4
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7813	Genomics-based Sensitive and Specific Novel Primers for Simultaneous Detection of <i>Burkholderia glumae</i> and <i>Burkholderia gladioli</i> in Rice Seeds. <i>Plant Pathology Journal</i> , 2018, 34, 490-498.	0.7	8
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7830	Genome-Wide Identification of the TCP Transcription Factor Family in Chickpea ( <i>Cicer arietinum</i> L.) and Their Transcriptional Responses to Dehydration and Exogenous Abscisic Acid Treatments. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1286-1299.	2.8	5
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7834	Candidate gene identification of ovulation-inducing genes by RNA sequencing with an in vivo assay in zebrafish. <i>PLoS ONE</i> , 2018, 13, e0196544.	1.1	8
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7839	Effect of dendritic organ ligation on striped eel catfish <i>Plotosus lineatus</i> osmoregulation. <i>PLoS ONE</i> , 2018, 13, e0206206.	1.1	4
7840	Identification, Structural Characterization and Gene Expression Analysis of Members of the Nuclear Factor-Y Family in Chickpea ( <i>Cicer arietinum</i> L.) under Dehydration and Abscisic Acid Treatments. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3290.	1.8	14
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7852	Targeted Genomic Screen Reveals Focal Long Non-Coding RNA Copy Number Alterations in Cancer Cell Lines. <i>Non-coding RNA</i> , 2018, 4, 21.	1.3	5
7853	PGD: Pineapple Genomics Database. <i>Horticulture Research</i> , 2018, 5, 66.	2.9	25
7854	A novel panel of short mononucleotide repeats linked to informative polymorphisms enabling effective high volume low cost discrimination between mismatch repair deficient and proficient tumours. <i>PLoS ONE</i> , 2018, 13, e0203052.	1.1	14

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7856	A-to-I RNA editing in the rat brain is age-dependent, region-specific and sensitive to environmental stress across generations. <i>BMC Genomics</i> , 2018, 19, 28.	1.2	35
7857	Towards map-based cloning of FB_Mfu10: identification of a receptor-like kinase candidate gene underlying the <i>Malus fusca</i> fire blight resistance locus on linkage group 10. <i>Molecular Breeding</i> , 2018, 38, 106.	1.0	28
7858	Lignocellulose degradation at the holobiont level: teamwork in a keystone soil invertebrate. <i>Microbiome</i> , 2018, 6, 162.	4.9	70
7859	New microsatellite loci for annatto ( <i>Bixa orellana</i> ), a source of natural dyes from Brazilian Amazonia. <i>Crop Breeding and Applied Biotechnology</i> , 2018, 18, 116-122.	0.1	9
7860	Containment evaluation, cold tolerance and toxicity analysis in Osmotin transgenic tomato ( <i>Solanum</i> ) Tj ETQq1 1 Q,784314 ggBT /Over	1.1	11
7861	Activation of TRPV1 channels leads to stimulation of NKCC1 cotransport in the lens. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C793-C802.	2.1	21
7862	A mini-STR typing system for degraded equine DNA. <i>Animal Genetics</i> , 2018, 49, 464-466.	0.6	4
7863	A Missense Mutation in the Vacuolar Protein Sorting 11 ( <i>VPS11</i> ) Gene Is Associated with Neuroaxonal Dystrophy in Rottweiler Dogs. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2773-2780.	0.8	19
7864	Whole-transcriptome response to wastewater treatment plant and stormwater effluents in the Asian clam, <i>Corbicula fluminea</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 96-106.	2.9	20
7865	Novel missense and 3'-UTR splice site variants in LHFPL5 cause autosomal recessive nonsyndromic hearing impairment. <i>Journal of Human Genetics</i> , 2018, 63, 1099-1107.	1.1	3
7866	Synteny-Based Development of CAPS Markers Linked to the Sweet kernel LOCUS, Controlling Amygdalin Accumulation in Almond ( <i>Prunus dulcis</i> (Mill.) D.A.Webb). <i>Genes</i> , 2018, 9, 385.	1.0	9
7867	Molecular variation across populations of a widespread North American firefly, <i>Photinus pyralis</i> , reveals that coding changes do not underlie flash color variation or associated visual sensitivity. <i>BMC Evolutionary Biology</i> , 2018, 18, 129.	3.2	14
7868	MicroRNA-21 ablation exacerbates aldosterone-mediated cardiac injury, remodeling, and dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1154-E1167.	1.8	24
7869	Development of novel EST-SSR markers for <i>Rhododendron longipedicellatum</i> (Ericaceae) and cross-amplification in two congeners. <i>Applications in Plant Sciences</i> , 2018, 6, e01162.	0.8	3
7870	Development of novel EST-SSR markers for <i>Phyllanthus emblica</i> (Phyllanthaceae) and cross-amplification in two related species. <i>Applications in Plant Sciences</i> , 2018, 6, e01169.	0.8	13
7871	Isolation, Characterization and PCR Multiplexing of Microsatellite Loci for Western Sand Lance ( <i>Ammodytes japonicus</i> Duncker and Mohr 1939). <i>Japan Agricultural Research Quarterly</i> , 2018, 52, 307-313.	0.1	1
7872	Comparative analysis of long non-coding RNAs in Atlantic and Coho salmon reveals divergent transcriptome responses associated with immunity and tissue repair during sea lice infestation. <i>Developmental and Comparative Immunology</i> , 2018, 87, 36-50.	1.0	40

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7874	Identification of genes involved in metabolism and signalling of abscisic acid and gibberellins during <i>Epimedium pseudowushanense</i> B.L.Guo seed morphophysiological dormancy. <i>Plant Cell Reports</i> , 2018, 37, 1061-1075.	2.8	9
7875	Identification of candidate biomarkers of the exposure to PCBs in contaminated cattle: A gene expression- and proteomic-based approach. <i>Science of the Total Environment</i> , 2018, 640-641, 22-30.	3.9	6
7876	Oil from transgenic <i>Camelina sativa</i> containing over 25 % n-3 long-chain PUFA as the major lipid source in feed for Atlantic salmon ( <i>Salmo salar</i> ). <i>British Journal of Nutrition</i> , 2018, 119, 1378-1392.	1.2	49
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7878	Isolation and characterization of microsatellite markers for exploring introgressive hybridization between the <i>Oratosquilla oratoria</i> complex. <i>Molecular Biology Reports</i> , 2018, 45, 1499-1505.	1.0	2
7879	Long-Lived Termite Queens Exhibit High Cu/Zn-Superoxide Dismutase Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	1.9	19
7880	A role for $\beta$ -xanthophylls in <i>Arabidopsis</i> UV-B photoprotection. <i>Journal of Experimental Botany</i> , 2018, 69, 4921-4933.	2.4	25
7881	Voltage-Gated Sodium Channels Regulating Action Potential Generation in Itch-, Nociceptive-, and Low-Threshold Mechanosensitive Cutaneous C-Fibers. <i>Molecular Pharmacology</i> , 2018, 94, 1047-1056.	1.0	14
7882	Quantitative assessment of individual populations within polymicrobial biofilms. <i>Scientific Reports</i> , 2018, 8, 9494.	1.6	32
7883	Molecular and genetic characterization of the <i>Ryadg</i> locus on chromosome XI from <i>Andigena</i> potatoes conferring extreme resistance to potato virus Y. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1925-1938.	1.8	29
7884	Sprouting of paradormant and endodormant grapevine buds under conditions of forced growth: similarities and differences. <i>Planta</i> , 2018, 248, 837-847.	1.6	11
7885	Selection and validation of reference genes for gene expression studies in <i>Klebsiella pneumoniae</i> using Reverse Transcription Quantitative real-time PCR. <i>Scientific Reports</i> , 2018, 8, 9001.	1.6	82
7886	Molecular detection of small hive beetle <i>Aethina tumida</i> Murray (Coleoptera: Nitidulidae): DNA barcoding and development of a real-time PCR assay. <i>Scientific Reports</i> , 2018, 8, 9623.	1.6	11
7887	Transcriptome signature of liver tissue with divergent mutton odour and flavour using RNA deep sequencing. <i>Gene</i> , 2018, 676, 86-94.	1.0	23
7888	Phytohormone participation during <i>Citrus sinensis</i> non-host response to <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Plant Gene</i> , 2018, 15, 28-36.	1.4	7
7889	Investigating the genetic diversity of <i>Echinococcus granulosus sensu stricto</i> with new microsatellites. <i>Parasitology Research</i> , 2018, 117, 2743-2755.	0.6	6
7890	Selection of reference genes for transcript profiling of <i>Sargassum polycystum</i> by quantitative real-time polymerase chain reaction. <i>Phycological Research</i> , 2018, 66, 247-252.	0.8	0

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7892	Stress cross-response of the antioxidative system promoted by superimposed drought and cold conditions in <i>Coffea</i> spp.. <i>PLoS ONE</i> , 2018, 13, e0198694.	1.1	43
7893	Analysis of the Long-Lived Responses Induced by Immunostimulants and Their Effects on a Viral Infection in Zebrafish ( <i>Danio rerio</i> ). <i>Frontiers in Immunology</i> , 2018, 9, 1575.	2.2	28
7894	Assessment of Sep1virus interaction with stationary cultures by transcriptional and flow cytometry studies. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	17
7895	Comparative transcriptome analysis of the swimbladder reveals expression signatures in response to low oxygen stress in channel catfish, <i>Ictalurus punctatus</i> . <i>Physiological Genomics</i> , 2018, 50, 636-647.	1.0	22
7896	Isolation of microsatellite loci in the African tree species <i>Staudtia kamerunensis</i> (Myristicaceae) using high-throughput sequencing. <i>Molecular Biology Reports</i> , 2018, 45, 1539-1544.	1.0	4
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7899	Genome-wide association study reveals a QTL and strong candidate genes for umbilical hernia in pigs on SSC14. <i>BMC Genomics</i> , 2018, 19, 412.	1.2	17
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7901	Divergent Hd1, Ghd7, and DTH7 Alleles Control Heading Date and Yield Potential of Japonica Rice in Northeast China. <i>Frontiers in Plant Science</i> , 2018, 9, 35.	1.7	42
7902	Quantitative Trait Locus Mapping and Candidate Gene Analysis for <i>Verticillium</i> Wilt Resistance Using <i>Gossypium barbadense</i> Chromosomal Segment Introgressed Line. <i>Frontiers in Plant Science</i> , 2018, 9, 682.	1.7	18
7903	Suppression Effect of Astaxanthin on Osteoclast Formation In Vitro and Bone Loss In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 912.	1.8	38
7904	Characterization of polymorphic microsatellite loci for North American common greenbrier, <i>Smilax rotundifolia</i> (Smilacaceae). <i>Applications in Plant Sciences</i> , 2018, 6, e01163.	0.8	1
7905	Effects of Isorhamnetin on Adipocyte Mitochondrial Biogenesis and AMPK Activation. <i>Molecules</i> , 2018, 23, 1853.	1.7	34
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7907	A Growth-Promoting Bacteria, <i>Paenibacillus yonginensis</i> DCY84T Enhanced Salt Stress Tolerance by Activating Defense-Related Systems in <i>Panax ginseng</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 813.	1.7	63
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7911	Transcriptional Upregulation of DNA Damage Response Genes in Bank Voles ( <i>Myodes glareolus</i> ) Inhabiting the Chernobyl Exclusion Zone. <i>Frontiers in Environmental Science</i> , 2018, 5, .	1.5	13
7912	Genetic Characterization of the Fish <i>Piaractus brachipomus</i> by Microsatellites Derived from Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 46.	1.1	12
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7914	Zebrafish Lacking Circadian Gene <i>per2</i> Exhibit Visual Function Deficiency. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 53.	1.0	28
7915	Exploration and Exploitation of Novel SSR Markers for Candidate Transcription Factor Genes in <i>Lilium</i> Species. <i>Genes</i> , 2018, 9, 97.	1.0	25
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7917	Expression and Interaction Analysis among Saffron ALDHs and Crocetin Dialdehyde. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1409.	1.8	13
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7920	<i>Nck2</i> is essential for limb trajectory selection by spinal motor axons. <i>Developmental Dynamics</i> , 2018, 247, 1043-1056.	0.8	4
7921	Increased Alternative Splicing as a Host Response to <i>Edwardsiella ictaluri</i> Infection in Catfish. <i>Marine Biotechnology</i> , 2018, 20, 729-738.	1.1	55
7922	Transcriptional profiling and biomarker identification reveal tissue specific effects of expanded ataxin-3 in a spinocerebellar ataxia type 3 mouse model. <i>Molecular Neurodegeneration</i> , 2018, 13, 31.	4.4	47
7923	Biochemical and molecular responses in oysters <i>Crassostrea brasiliana</i> collected from estuarine aquaculture areas in Southern Brazil. <i>Marine Pollution Bulletin</i> , 2018, 135, 110-118.	2.3	26
7924	The cardenolides strophanthidin, digoxigenin and dihydroouabain act as activators of the human <i>ROR1<sup>3</sup>/ROR1<sup>3T</sup></i> receptors. <i>Toxicology Letters</i> , 2018, 295, 314-324.	0.4	24
7925	Hypoxia adaptation in termites: hypoxic conditions enhance survival and reproductive activity in royals. <i>Insect Molecular Biology</i> , 2018, 27, 808-814.	1.0	10
7926	Non-classical human leucocyte antigens in ankylosing spondylitis:Âpossible association with HLA-E and HLA-F. <i>RMD Open</i> , 2018, 4, e000677.	1.8	14

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7927	De novo transcriptome assembly of <i>Pueraria montana</i> var. <i>lobata</i> and <i>Neustanthus phaseoloides</i> for the development of eSSR and SNP markers: narrowing the US origin(s) of the invasive kudzu. <i>BMC Genomics</i> , 2018, 19, 439.	1.2	11
7928	Optimization of RT-PCR reactions in studies with genes of lignin biosynthetic route in <i>Saccharum spontaneum</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 509-519.	0.3	5
7929	An integrative approach to discovering cryptic species within the <i>Bemisia tabaci</i> whitefly species complex. <i>Scientific Reports</i> , 2018, 8, 10886.	1.6	51
7930	Predation of a biological control agent, <i>Nesidiocoris tenuis</i> (Hemiptera: Miridae), by the spider <i>Leucauge blanda</i> in greenhouse eggplant crops. <i>Biocontrol Science and Technology</i> , 2018, 28, 874-882.	0.5	0
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7932	Development of EST-SSR markers in <i>Larix principis-rupprechtii</i> Mayr and evaluation of their polymorphism and cross-species amplification. <i>Trees - Structure and Function</i> , 2018, 32, 1559-1571.	0.9	28
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7935	Uncovering the evolutionary history of neo-XY sex chromosomes in the grasshopper <i>Ronderosia bergii</i> (Orthoptera, Melanoplinae) through satellite DNA analysis. <i>BMC Evolutionary Biology</i> , 2018, 18, 2.	3.2	13
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7937	Development and evaluation of 16 new microsatellite loci for the rock ptarmigan ( <i>Lagopus muta</i> ) and cross-species amplification for the willow grouse ( <i>L. lagopus</i> ). <i>BMC Research Notes</i> , 2018, 11, 147.	0.6	4
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7939	Gene Presence $\leftrightarrow$ Absence Polymorphism in Castrating Anther-Smut Fungi: Recent Gene Gains and Phylogeographic Structure. <i>Genome Biology and Evolution</i> , 2018, 10, 1298-1314.	1.1	23
7940	An anatomic transcriptional atlas of human glioblastoma. <i>Science</i> , 2018, 360, 660-663.	6.0	384
7941	Identification and functional characterization of zebrafish K 2P 17.1 (TASK-4, TALK-2) two-pore-domain K <sup>+</sup> channels. <i>European Journal of Pharmacology</i> , 2018, 831, 94-102.	1.7	3
7942	Analysis of microsatellites from transcriptome sequences of <i>Phytophthora capsici</i> and applications for population studies. <i>Scientific Reports</i> , 2018, 8, 5194.	1.6	24
7943	The standardized <i>Withania somnifera</i> Dunal root extract alters basal and morphine-induced opioid receptor gene expression changes in neuroblastoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 9.	3.7	14
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7946	MicroRNA Expression Analysis of Naked Silkworms. <i>Journal of Economic Entomology</i> , 2018, 111, 2876-2883.	0.8	4
7947	Multiplex PCR Method for Discriminating Between <i>Sphaerophoria macrogaster</i> (Diptera: Syrphidae) and <i>Sphaerophoria indiana</i> (Diptera: Syrphidae). <i>Journal of Economic Entomology</i> , 2018, 111, 2903-2907.	0.8	2
7948	Characterization and mapping of leaf rust resistance in four durum wheat cultivars. <i>PLoS ONE</i> , 2018, 13, e0197317.	1.1	23
7949	Postnatal maturation of the intestinal epithelial barrier in prairie voles. <i>Tissue and Cell</i> , 2018, 54, 30-37.	1.0	1
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7951	Heat stress-reduced kernel weight in rice at anthesis is associated with impaired source-sink relationship and sugars allocation. <i>Environmental and Experimental Botany</i> , 2018, 155, 718-733.	2.0	65
7952	Genome-wide characterization of microsatellites and genetic diversity assessment of spinach in the Chinese germplasm collection. <i>Breeding Science</i> , 2018, 68, 455-464.	0.9	8
7953	Transcriptome Analysis and Microsatellite Markers Development of a Traditional Chinese Medicinal Herb <i>Halenia elliptica</i> D. Don (Gentianaceae). <i>Evolutionary Bioinformatics</i> , 2018, 14, 117693431879026.	0.6	5
7954	Validation of 12 species-specific, tetrasomic microsatellite loci from the Russian sturgeon, <i>Acipenser gueldenstaedtii</i> , for genetic broodstock management. <i>Aquaculture International</i> , 2018, 26, 1365-1376.	1.1	4
7955	Illumina Next Generation Sequencing for the Analysis of <i>Eimeria</i> Populations in Commercial Broilers and Indigenous Chickens. <i>Frontiers in Veterinary Science</i> , 2018, 5, 176.	0.9	27
7956	Development and Characterization of High-Throughput EST-Based SSR Markers for <i>Pogostemon cablin</i> Using Transcriptome Sequencing. <i>Molecules</i> , 2018, 23, 2014.	1.7	32
7957	Development and characterization of microsatellite markers for <i>Phyllanthus emblica</i> Linn., important nontimber forest product species. <i>Journal of Genetics</i> , 2018, 97, 1001-1006.	0.4	8
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7959	Seasonal expression of 5 $\alpha$ -reductases and androgen receptor in the prostate gland of the wild ground squirrel ( <i>Spermophilus dauricus</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 226, 11-16.	0.8	7
7960	The Genetics of Usher Syndrome in the Israeli and Palestinian Populations. , 2018, 59, 1095.		9
7961	The proteome map of the escamolera ant ( <i>Liometopum apiculatum</i> Mayr) larvae reveals immunogenic proteins and several hexamerin proteoforms. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 28, 107-121.	0.4	2
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7964	Bioaugmenting a Lab-Scale Membrane Bioreactor with 4- <i>tert</i> -butylphenol-degrading Bacterium, <i>Sphingobium fuliginis</i> OMI. <i>Japanese Journal of Water Treatment Biology</i> , 2018, 54, 1-12.	0.2	0
7965	De novo assembly of English yew ( <i>Taxus baccata</i> ) transcriptome and its applications for intra- and inter-specific analyses. <i>Plant Molecular Biology</i> , 2018, 97, 337-345.	2.0	8
7966	TH17-Induced Neutrophils Enhance the Pulmonary Allergic Response Following BALB/c Exposure to House Dust Mite Allergen and Fine Particulate Matter From California and China. <i>Toxicological Sciences</i> , 2018, 164, 627-643.	1.4	31
7967	The virome of <i>Drosophila suzukii</i> , an invasive pest of soft fruit. <i>Virus Evolution</i> , 2018, 4, vey009.	2.2	67
7968	Methane and nitrous oxide cycling microbial communities in soils above septic leach fields: Abundances with depth and correlations with net surface emissions. <i>Science of the Total Environment</i> , 2018, 640-641, 429-441.	3.9	20
7969	A disease-causing novel missense mutation in the ST14 gene underlies autosomal recessive ichthyosis with hypotrichosis syndrome in a consanguineous family. <i>European Journal of Dermatology</i> , 2018, 28, 209-216.	0.3	9
7970	Phylogeny and species delimitation of <i>Flammulina</i> : taxonomic status of winter mushroom in East Asia and a new European species identified using an integrated approach. <i>Mycological Progress</i> , 2018, 17, 1013-1030.	0.5	48
7971	De novo transcriptome analysis of <i>Bagarius yarrelli</i> (Siluriformes: Sisoridae) and the search for potential SSR markers using RNA-Seq. <i>PLoS ONE</i> , 2018, 13, e0190343.	1.1	14
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7973	Circulating neutrophil transcriptome may reveal intracranial aneurysm signature. <i>PLoS ONE</i> , 2018, 13, e0191407.	1.1	28
7974	Equid herpesvirus 8: Complete genome sequence and association with abortion in mares. <i>PLoS ONE</i> , 2018, 13, e0192301.	1.1	20
7975	Chromosomal distribution of pTa-535, pTa-86, pTa-713, 35S rDNA repetitive sequences in interspecific hexaploid hybrids of common wheat ( <i>Triticum aestivum</i> L.) and spelt ( <i>Triticum spelta</i> L.). <i>PLoS ONE</i> , 2018, 13, e0192862.	1.1	10
7976	Clinical and genetic characterisation of dystrophin-deficient muscular dystrophy in a family of Miniature Poodle dogs. <i>PLoS ONE</i> , 2018, 13, e0193372.	1.1	16
7977	Whole-genome sequencing of <i>Brassica oleracea</i> var. capitata reveals new diversity of the mitogenome. <i>PLoS ONE</i> , 2018, 13, e0194356.	1.1	8
7978	Expression profiling of disease progression in canine model of Duchenne muscular dystrophy. <i>PLoS ONE</i> , 2018, 13, e0194485.	1.1	16
7979	Genetic structure and demographic inference of the regular sea urchin <i>Sterechinus neumayeri</i> (Meissner, 1900) in the Southern Ocean: The role of the last glaciation. <i>PLoS ONE</i> , 2018, 13, e0197611.	1.1	19
7980	Occurrence and seasonal dynamics of RNA viral genotypes in three contrasting temperate lakes. <i>PLoS ONE</i> , 2018, 13, e0194419.	1.1	13

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7981	Development of novel EST-SSR markers for ploidy identification based on de novo transcriptome assembly for <i>Misgurnus anguillicaudatus</i> . <i>PLoS ONE</i> , 2018, 13, e0195829.	1.1	23
7982	Assessment of genetic diversity and population genetic structure of <i>Carthamus</i> species and Iranian cultivar collection using developed SSR markers. <i>Journal of Genetics</i> , 2018, 97, 67-78.	0.4	7
7983	Promoter of the <i>TmHKT1;4-A1</i> gene of <i>Triticum monococcum</i> directs stress inducible, developmental regulated and organ specific gene expression in transgenic <i>Arabidopsis thaliana</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 99.	1.7	7
7984	A kiwifruit ( <i>Actinidia deliciosa</i> ) MYB transcription factor modulates chlorophyll and carotenoid accumulation. <i>New Phytologist</i> , 2019, 221, 309-325.	3.5	160
7985	Cigarette Smoke Exposure to Pig Larynx in an Inhalation Chamber. <i>Journal of Voice</i> , 2019, 33, 846-850.	0.6	6
7986	MICU3 is a tissue-specific enhancer of mitochondrial calcium uptake. <i>Cell Death and Differentiation</i> , 2019, 26, 179-195.	5.0	145
7987	Clinical, histopathological and genetic characterisation of oculoskeletal dysplasia in the Northern Inuit Dog. <i>PLoS ONE</i> , 2019, 14, e0220761.	1.1	8
7988	Development of molecular markers associated with resistance to <i>Meloidogyne incognita</i> by performing quantitative trait locus analysis and genome-wide association study in sweetpotato. <i>DNA Research</i> , 2019, 26, 399-409.	1.5	17
7989	Transcriptomic analysis of insecticide resistance in the lymphatic filariasis vector <i>Culex quinquefasciatus</i> . <i>Scientific Reports</i> , 2019, 9, 11406.	1.6	11
7990	Nested retrotransposition in the East Asian mouse genome causes the classical nonagouti mutation. <i>Communications Biology</i> , 2019, 2, 283.	2.0	8
7991	The pause-initiation limit restricts transcription activation in human cells. <i>Nature Communications</i> , 2019, 10, 3603.	5.8	60
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7993	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019, 14, e0220143.	1.1	12
7994	Assessment of the genetic relationship between the recently established benthic population and the adjacent floating populations of <i>Sargassum horneri</i> (Phaeophyceae) in Dalian of China by newly developed trinucleotide microsatellite markers. <i>Journal of Applied Phycology</i> , 2019, 31, 3989-3996.	1.5	5
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7996	Impact of chronic immobilization stress on parameters of colonic homeostasis in BALB/c mice. <i>Molecular Medicine Reports</i> , 2019, 20, 2083-2090.	1.1	10
7997	EnvironmentalDNA(eDNA) Assays for Invasive Populations of Black Carp in North America. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 1043-1055.	0.6	17
7998	In-Frame Indel Mutations in the Genome of the Blind Mexican Cavefish, <i>Astyanax mexicanus</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 2563-2573.	1.1	12

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8005	Identification of passion fruit ( <i>Passiflora edulis</i> ) chromosomes using BAC-FISH. Chromosome Research, 2019, 27, 299-311.	1.0	10
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8016	Enhanced Nitrous Oxide Production in Denitrifying <i>Dechloromonas aromatica</i> Strain RCB Under Salt or Alkaline Stress Conditions. Frontiers in Microbiology, 2019, 10, 1203.	1.5	27

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8020	TAB2 c.1398dup variant leads to haploinsufficiency and impairs extracellular matrix homeostasis. <i>Human Mutation</i> , 2019, 40, 1886-1898.	1.1	5
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8023	Genome-wide promoter DNA methylation profiling of hepatocellular carcinomas arising either spontaneously or due to chronic exposure to Ginkgo biloba extract (GBE) in B6C3F1/N mice. <i>Archives of Toxicology</i> , 2019, 93, 2219-2235.	1.9	3
8024	Map-based cloning of genes encoding key enzymes for pigment synthesis in <i>Auricularia cornea</i> . <i>Fungal Biology</i> , 2019, 123, 843-853.	1.1	11
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8029	Metagenomic Sequencing Identifies Highly Diverse Assemblages of Dinoflagellate Cysts in Sediments from Shipsâ€™ Ballast Tanks. <i>Microorganisms</i> , 2019, 7, 250.	1.6	33
8030	Draft genome sequence data of maqui ( <i>Aristotelia chilensis</i> ) and identification of SSR markers. <i>Data in Brief</i> , 2019, 27, 104545.	0.5	1
8031	Influence of Dietary Supplementation of Probiotic <i>Pediococcus acidilactici</i> MA18/5M During the Transition From Freshwater to Seawater on Intestinal Health and Microbiota of Atlantic Salmon ( <i>Salmo salar</i> L.). <i>Frontiers in Microbiology</i> , 2019, 10, 2243.	1.5	45
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8034	Exploring gene networks in two sunflower lines with contrasting leaf senescence phenotype using a system biology approach. <i>BMC Plant Biology</i> , 2019, 19, 446.	1.6	10

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8036	Development of EST-SSR markers in <i>Cenchrus ciliaris</i> and their applicability in studying the genetic diversity and cross-species transferability. <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	4
8037	Multilocus analysis reveals further genetic differences between <i>Tritrichomonas foetus</i> from cats and cattle. <i>Veterinary Parasitology</i> , 2019, 276, 108965.	0.7	2
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8040	Genome-wide transcriptional profiling for elucidating the effects of brassinosteroids on <i>Glycine max</i> during early vegetative development. <i>Scientific Reports</i> , 2019, 9, 16085.	1.6	12
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8042	Phylogenetic Analyses of <i>Xanthomonas</i> Causing Bacterial Leaf Spot of Tomato and Pepper: <i>Xanthomonas euvesicatoria</i> Revealed Homologous Populations Despite Distant Geographical Distribution. <i>Microorganisms</i> , 2019, 7, 462.	1.6	10
8043	Genetic variation in <i>Trithuria inconspicua</i> and <i>T. filamentosa</i> (Hydatellaceae): a new subspecies and a hypothesis of apomixis arising within a predominantly selfing lineage. <i>Australian Systematic Botany</i> , 2019, . .	0.3	3
8044	Water Extracts of Hull-less Waxy Barley ( <i>Hordeum vulgare</i> L.) Cultivar "Boseokchal" Inhibit RANKL-induced Osteoclastogenesis. <i>Molecules</i> , 2019, 24, 3735.	1.7	9
8045	Higher Effectiveness of New Common Bean ( <i>Phaseolus vulgaris</i> L.) Germplasm Acquisition by Collecting Expeditions Associated with Molecular Analyses. <i>Sustainability</i> , 2019, 11, 5270.	1.6	6
8046	Subacute acrolein exposure to rat larynx in vivo. <i>Laryngoscope</i> , 2019, 129, E313-E317.	1.1	4
8047	Effects of Maternal Fructose Intake on Perinatal ER-Stress: A Defective XBP1s Nuclear Translocation Affects the ER-stress Resolution. <i>Nutrients</i> , 2019, 11, 1935.	1.7	6
8048	Hepsin-mediated Processing of Uromodulin is Crucial for Salt-sensitivity and Thick Ascending Limb Homeostasis. <i>Scientific Reports</i> , 2019, 9, 12287.	1.6	41
8049	Cross-species transferability of EST-SSR markers derived from the transcriptome of kenaf ( <i>Hibiscus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1543-1556.	0.8	10
8050	Circular and Micro RNAs from <i>Arabidopsis thaliana</i> Flowers Are Simultaneously Isolated from AGO-IP Libraries. <i>Plants</i> , 2019, 8, 302.	1.6	19
8051	Comparative transcriptional analysis of flavour-biosynthetic genes of a native <i>Saccharomyces cerevisiae</i> strain fermenting in its natural must environment, vs. a commercial strain and correlation of the genes' activities with the produced flavour compounds. <i>Journal of Biological Research</i> , 2019, 26, 5.	2.2	4
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8054	Local translation of yeast <i>ERG4</i> mRNA at the endoplasmic reticulum requires the brefeldin A resistance protein Bfr1. <i>Rna</i> , 2019, 25, 1661-1672.	1.6	7
8055	Dataset of genome identification and characterization of microsatellite markers loci in <i>Atriplex atacamensis</i> and <i>Atriplex deserticola</i> . <i>Data in Brief</i> , 2019, 25, 104258.	0.5	0
8056	Data on changes of NF- $\kappa$ B gene expression in liver and lungs as a biomarker and hepatic injury in CLP-induced septic rats. <i>Data in Brief</i> , 2019, 25, 104117.	0.5	5
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8059	Genetic diversity among asparagus species and cultivars using SSR markers. <i>Journal of Biodiversity Conservation and Bioresource Management</i> , 2019, 4, 21-32.	0.3	5
8060	YtrASa, a GntR-Family Transcription Factor, Represses Two Genetic Loci Encoding Membrane Proteins in <i>Sulfolobus acidocaldarius</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2084.	1.5	9
8061	Isolation and characterization of eleven novel microsatellite markers for fine-scale population genetic analyses of <i>Gammarus pulex</i> (Crustacea: Amphipoda). <i>Molecular Biology Reports</i> , 2019, 46, 6609-6615.	1.0	5
8062	COSPLAY: An expandable toolbox for combinatorial and swift generation of expression plasmids in yeast. <i>PLoS ONE</i> , 2019, 14, e0220694.	1.1	5
8063	Proteomics of PTI and Two ETI Immune Reactions in Potato Leaves. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4726.	1.8	11
8064	Development and characterization of genomic microsatellite markers in the tree species, <i>Rhodoleia championii</i> , <i>R. parvipetala</i> , and <i>R. forrestii</i> (Hamamelidaceae). <i>Molecular Biology Reports</i> , 2019, 46, 6547-6556.	1.0	3
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8066	A Useful SNP Panel to Distinguish Two Cockle Species, <i>Cerastoderma edule</i> and <i>C. glaucum</i> , Co-Occurring in Some European Beds, and Their Putative Hybrids. <i>Genes</i> , 2019, 10, 760.	1.0	8
8067	Crosstalk between Mitochondrial Ca <sup>2+</sup> Uptake and Autophagy in Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	8
8068	First isolation and characterization of vancomycin-resistant <i>Enterococcus faecium</i> harboring <i>vanD5</i> gene cluster recovered from a 79-year-old female inpatient in Japan. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 95, 114883.	0.8	5
8069	Fine mapping of <i>Rha2</i> in barley reveals candidate genes for resistance against cereal cyst nematode. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1309-1320.	1.8	2
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8073	Ectopic expression of SOD and APX genes in <i>Arabidopsis</i> alters metabolic pools and genes related to secondary cell wall cellulose biosynthesis and improve salt tolerance. <i>Molecular Biology Reports</i> , 2019, 46, 1985-2002.	1.0	32
8074	RNA deep sequencing reveals novel transcripts and pathways involved in the unsaturated fatty acid metabolism in chicken. <i>Gene Reports</i> , 2019, 15, 100370.	0.4	4
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8076	Interaction of roses with a biotrophic and a hemibiotrophic leaf pathogen leads to differences in defense transcriptome activation. <i>Plant Molecular Biology</i> , 2019, 99, 299-316.	2.0	29
8077	A single-cell transcriptomic atlas of the developing chicken limb. <i>BMC Genomics</i> , 2019, 20, 401.	1.2	38
8078	Isolation and identification of EST-SSR markers in <i>Ixonanthes chinensis</i> (Ixonanthaceae). <i>Applications in Plant Sciences</i> , 2019, 7, e01246.	0.8	0
8079	Development and application of a tri-allelic PCR assay for screening Vgsc-L1014F kdr mutations associated with pyrethroid and organochlorine resistance in the mosquito <i>Culex quinquefasciatus</i> . <i>Parasites and Vectors</i> , 2019, 12, 232.	1.0	6
8080	Effect of expression of additional catalytic domain on characteristics of Xylanase Z of <i>Clostridium thermocellum</i> . <i>Biologia (Poland)</i> , 2019, 74, 1395-1403.	0.8	1
8081	Discovery of novel genic-SSR markers from transcriptome dataset of an important non-human primate, <i>Macaca fascicularis</i> . <i>Scientific Reports</i> , 2019, 9, 8504.	1.6	1
8082	Genetic characteristics of retinitis pigmentosa in 1204 Japanese patients. <i>Journal of Medical Genetics</i> , 2019, 56, 662-670.	1.5	75
8083	Extracts of <i>Flavoparmelia</i> sp. Inhibit Receptor Activator of Nuclear Factor- $\kappa$ B Ligand-Mediated Osteoclast Differentiation. <i>Journal of Bone Metabolism</i> , 2019, 26, 113.	0.5	0
8084	How Does eDNA Compare to Traditional Trapping? Detecting Mosquito Communities in South-African Freshwater Ponds. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	18
8085	BBS5 and INPP5E mutations associated with ciliopathy disorders in families from Pakistan. <i>Annals of Human Genetics</i> , 2019, 83, 477-482.	0.3	10
8086	Molecular effects of Microcystin-LA in tilapia ( <i>Oreochromis niloticus</i> ). <i>Toxicon</i> , 2019, 166, 76-82.	0.8	2
8087	Integrated metabolomics identifies CYP72A67 and CYP72A68 oxidases in the biosynthesis of <i>Medicago truncatula</i> oleanate sapogenins. <i>Metabolomics</i> , 2019, 15, 85.	1.4	26
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8090	Isolation of Subtype 3c, 3e and 3f-Like Hepatitis E Virus Strains Stably Replicating to High Viral Loads in an Optimized Cell Culture System. <i>Viruses</i> , 2019, 11, 483.	1.5	32
8091	Gene expression profiles during subclinical <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection in sheep can predict disease outcome. <i>Scientific Reports</i> , 2019, 9, 8245.	1.6	21
8092	The Control of Zealactone Biosynthesis and Exudation is Involved in the Response to Nitrogen in Maize Root. <i>Plant and Cell Physiology</i> , 2019, 60, 2100-2112.	1.5	19
8093	Dominin and Segon Form Multiprotein Particles in the Plasma of Eastern Oysters ( <i>Crassostrea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58.	1.3	6
8094	Idelalisib inhibits osteoclast differentiation and pre-osteoclast migration by blocking the PI3K $\hat{I}$ -Akt-c-Fos/NFATc1 signaling cascade. <i>Archives of Pharmacal Research</i> , 2019, 42, 712-721.	2.7	15
8095	New microsatellites for the Atacama Desert endemic <i>Balsamocarpon brevifolium</i> (Fabaceae). <i>Applications in Plant Sciences</i> , 2019, 7, e11271.	0.8	0
8096	Genome survey sequencing and genetic background characterization of yellow horn based on next-generation sequencing. <i>Molecular Biology Reports</i> , 2019, 46, 4303-4312.	1.0	18
8097	Development of a SNP barcode to genotype <i>Babesia microti</i> infections. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007194.	1.3	5
8098	Anthraquinone-type inhibitor of $\hat{I}$ $\pm$ -glucosidase enhances glucose uptake by activating an insulin-like signaling pathway in C2C12 myotubes. <i>Food and Chemical Toxicology</i> , 2019, 129, 337-343.	1.8	6
8099	Evaluation of the commercial kits for the extraction of extracellular DNA in soil. <i>Japanese Journal of Forensic Science and Technology</i> , 2019, 24, 63-72.	0.1	3
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8102	Reciprocal influences of rootstock and scion citrus cultivars challenged with <i>Ca. Liberibacter asiaticus</i> . <i>Scientia Horticulturae</i> , 2019, 254, 133-142.	1.7	17
8103	A multiplex PCR assay for the identification of five species of the <i>Anopheles barbirostris</i> complex in Thailand. <i>Parasites and Vectors</i> , 2019, 12, 223.	1.0	29
8104	Development of microsatellite markers and the genetic diversity of <i>Myocastor coypus</i> introduced to South Korea. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 499-503.	0.3	1
8105	Expression analysis of potential transcript and protein markers that are related to agar yield and gel strength in <i>Gracilaria changii</i> (Rhodophyta). <i>Algal Research</i> , 2019, 41, 101532.	2.4	7
8106	Ocean acidification at a coastal CO <sub>2</sub> vent induces expression of stress-related transcripts and transposable elements in the sea anemone <i>Anemonia viridis</i> . <i>PLoS ONE</i> , 2019, 14, e0210358.	1.1	13

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8108	Activity in the Arbuscular Mycorrhizal Hyphosphere Warning Neighbouring Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 511.	1.7	8
8109	Development of microsatellite loci for two New World vultures (Cathartidae). <i>BMC Research Notes</i> , 2019, 12, 257.	0.6	4
8110	Nonsense mutation in <i>CFAP43</i> causes normal-pressure hydrocephalus with ciliary abnormalities. <i>Neurology</i> , 2019, 92, e2364-e2374.	1.5	65
8111	Selective advantages favour high genomic AT-contents in intracellular elements. <i>PLoS Genetics</i> , 2019, 15, e1007778.	1.5	45
8112	Identification of llama KRTAP7-1 and KRTAP8-1 fiber genes and polymorphism screening. <i>Small Ruminant Research</i> , 2019, 175, 149-154.	0.6	2
8113	Identification and development of microsatellite (SSRs) makers of <i>Exbucklandia</i> (HAMAMELIDACEAE) by high-throughput sequencing. <i>Molecular Biology Reports</i> , 2019, 46, 3381-3386.	1.0	11
8114	Development of microsatellite markers for the completely cleistogamous species <i>Gastrodia takeshimensis</i> (Orchidaceae) that are transferable to its chasmogamous sister <i>G. nipponica</i> . <i>Genes and Genetic Systems</i> , 2019, 94, 95-98.	0.2	6
8115	Polymorphism of olfactory and neurotransmitters receptor genes in drug and explosives detection dogs can be associated with differences in detection performance. <i>Applied Animal Behaviour Science</i> , 2019, 215, 52-60.	0.8	5
8116	To what extent may peptide receptor gene diversity/complement contribute to functional flexibility in a simple pattern-generating neural network?. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 262-282.	0.4	15
8117	Comparative analysis of the root and leaf transcriptomes in <i>Chelidonium majus</i> L.. <i>PLoS ONE</i> , 2019, 14, e0215165.	1.1	13
8118	Novel variant in the leptin receptor (LEPR) gene and its association with fat quality, odour and flavour in sheep. <i>Journal of the Indonesian Tropical Animal Agriculture</i> , 2019, 44, 1.	0.1	5
8119	The Transcriptome of the Salivary Glands of <i>Amblyomma aureolatum</i> Reveals the Antimicrobial Peptide Microplusin as an Important Factor for the Tick Protection Against <i>Rickettsia rickettsii</i> Infection. <i>Frontiers in Physiology</i> , 2019, 10, 529.	1.3	18
8120	Sensitization of Human Liver Cells Toward Fas-Mediated Apoptosis by the Metabolically Activated Pyrrolizidine Alkaloid Lasiocarpine. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801206.	1.5	12
8121	Interactions of an Emerging Fungal Pathogen <i>Scedosporium aurantiacum</i> with Human Lung Epithelial Cells. <i>Scientific Reports</i> , 2019, 9, 5035.	1.6	11
8122	Constructing High-Density Genetic Maps and Developing Sexing Markers in Northern Snakehead ( <i>Channa argus</i> ). <i>Marine Biotechnology</i> , 2019, 21, 348-358.	1.1	30
8123	Development of InDel Markers for Identification of a Single Mendelian Locus Controlling Leaf Shape in Kenaf ( <i>Hibiscus cannabinus</i> ). <i>Tropical Plant Biology</i> , 2019, 12, 78-84.	1.0	4
8124	Multiplex Detection of Three Select Agents Directly from Blood by Use of the GeneXpert System. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	6

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8125	Insights Into an Unexplored Component of the Mosquito Repeatome: Distribution and Variability of Viral Sequences Integrated Into the Genome of the Arboviral Vector <i>Aedes albopictus</i> . <i>Frontiers in Genetics</i> , 2019, 10, 93.	1.1	21
8126	Cardiovascular Effects of PCB 126 (3,3,4,4,5-Pentachlorobiphenyl) in Zebrafish Embryos and Impact of Co-Exposure to Redox Modulating Chemicals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1065.	1.8	12
8127	Development and characterization of genomic SSR markers for <i>Tamarix chinensis</i> (Tamaricaceae). <i>Applications in Plant Sciences</i> , 2019, 7, e01219.	0.8	2
8128	Investigation of the pathways related to intrinsic miltefosine tolerance in <i>Leishmania (Viannia) braziliensis</i> clinical isolates reveals differences in drug uptake. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 11, 139-147.	1.4	8
8129	Transcriptomic response of <i>Escherichia coli</i> O157 isolates on meat: Comparison between a typical Australian isolate from cattle and a pathogenic clinical isolate. <i>Food Microbiology</i> , 2019, 82, 378-387.	2.1	7
8130	Effects of lactate ions on the cardiorespiratory system in rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 316, R607-R620.	0.9	11
8131	Vaccine-Induced Protection Against Furunculosis Involves Pre-emptive Priming of Humoral Immunity in Arctic Charr. <i>Frontiers in Immunology</i> , 2019, 10, 120.	2.2	18
8132	A novel polymorphism in the fatty acid desaturase 2 gene ( <i>Fads2</i> ): A possible role in the basal metabolic rate. <i>PLoS ONE</i> , 2019, 14, e0213138.	1.1	4
8133	Diethylnitrosamine enhances hepatic tumorigenic pathways in mice fed with high fat diet (Hfd). <i>Chemico-Biological Interactions</i> , 2019, 303, 70-78.	1.7	11
8134	New Waxy allele wx-Reina found in Chinese waxy maize. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 885-895.	0.8	9
8135	Introgression of the chromosomal region with the Pi-cd locus from <i>Oryza meridionalis</i> into <i>O. sativa</i> L. during rice domestication. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1981-1990.	1.8	12
8136	Piscine orthoreovirus demonstrates high infectivity but low virulence in Atlantic salmon of Pacific Canada. <i>Scientific Reports</i> , 2019, 9, 3297.	1.6	34
8137	Endothelin receptor Aa regulates proliferation and differentiation of Erb-dependent pigment progenitors in zebrafish. <i>PLoS Genetics</i> , 2019, 15, e1007941.	1.5	22
8138	Improving cost-efficiency of faecal genotyping: New tools for elephant species. <i>PLoS ONE</i> , 2019, 14, e0210811.	1.1	26
8139	Chondrocyte Culture Parameters for Matrix-Assisted Autologous Chondrocyte Implantation Affect Catabolism and Inflammation in a Rabbit Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1545.	1.8	1
8140	A TetR-family transcription factor regulates fatty acid metabolism in the archaeal model organism <i>Sulfolobus acidocaldarius</i> . <i>Nature Communications</i> , 2019, 10, 1542.	5.8	43
8141	InDel markers: An extended marker resource for molecular breeding in chickpea. <i>PLoS ONE</i> , 2019, 14, e0213999.	1.1	43
8142	Deposition of lignin in four species of <i>Saccharum</i> . <i>Scientific Reports</i> , 2019, 9, 5877.	1.6	41

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8144	Development and annotation of species-specific microsatellite markers from transcriptome sequencing for a higher group termite, <i>Globitermes sulphureus</i> Haviland (Blattodea: Termitidae). <i>Meta Gene</i> , 2019, 20, 100568.	0.3	3
8145	Utility of TRAP markers to determine indel mutation frequencies induced by gamma-ray irradiation of faba bean ( <i>Vicia faba</i> L.) seeds. <i>International Journal of Radiation Biology</i> , 2019, 95, 1160-1171.	1.0	4
8146	Two new taxa of the <i>Auriscalpium vulgare</i> species complex with substrate preferences. <i>Mycological Progress</i> , 2019, 18, 641-652.	0.5	5
8147	Predation on stink bugs (Hemiptera: Pentatomidae) in cotton and soybean agroecosystems. <i>PLoS ONE</i> , 2019, 14, e0214325.	1.1	9
8148	A new common functional coding variant at the DDC gene change renal enzyme activity and modify renal dopamine function. <i>Scientific Reports</i> , 2019, 9, 5055.	1.6	6
8149	A Pipeline for Faecal Host DNA Analysis by Absolute Quantification of LINE-1 and Mitochondrial Genomic Elements Using ddPCR. <i>Scientific Reports</i> , 2019, 9, 5599.	1.6	9
8150	A novel dominant-negative FGFR1 variant causes Hartsfield syndrome by deregulating RAS/ERK1/2 pathway. <i>European Journal of Human Genetics</i> , 2019, 27, 1113-1120.	1.4	12
8151	GmBZL3 acts as a major BR signaling regulator through crosstalk with multiple pathways in Glycine max. <i>BMC Plant Biology</i> , 2019, 19, 86.	1.6	10
8152	Mutation of oppF gene in the <i>Mycoplasma synoviae</i> MS-H vaccine strain and its implication for differential serological responses to vaccination versus field challenge. <i>Veterinary Microbiology</i> , 2019, 231, 48-55.	0.8	16
8153	Inducing cancer indolence by targeting mitochondrial Complex I is potentiated by blocking macrophage-mediated adaptive responses. <i>Nature Communications</i> , 2019, 10, 903.	5.8	54
8154	Rapid DNA-genotyping system targeting ten loci for resistance to blast disease in rice. <i>Breeding Science</i> , 2019, 69, 68-83.	0.9	8
8155	Analytical Validation of Variants to Aid in Genotype-Guided Therapy for Oncology. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 491-502.	1.2	1
8156	Myeloid cells require gp130 signaling for protective anti-inflammatory functions during sepsis. <i>FASEB Journal</i> , 2019, 33, 6035-6044.	0.2	13
8157	Pectin De-methylesterification and AGP Increase Promote Cell Wall Remodeling and Are Required During Somatic Embryogenesis of <i>Quercus suber</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1915.	1.7	50
8158	Walnut phenolic extracts reduce telomere length and telomerase activity in a colon cancer stem cell model. <i>Nutrition Research and Practice</i> , 2019, 13, 58.	0.7	7
8159	Responses of olive plants exposed to different irrigation treatments in combination with heat shock: physiological and molecular mechanisms during exposure and recovery. <i>Planta</i> , 2019, 249, 1583-1598.	1.6	21
8160	Receptor interacting protein kinases-dependent necroptosis as a new, potent mechanism for elimination of the endothelial cells during luteolysis in cow. <i>Theriogenology</i> , 2019, 128, 193-200.	0.9	12

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8162	Cost-effective and robust genotyping using double-mismatch allele-specific quantitative PCR. <i>Scientific Reports</i> , 2019, 9, 2150.	1.6	27
8163	Exploring the genetic diversity and the population structure of the mesophotic <i>Paramuricea macrospina</i> in the Menorca Channel. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 444-452.	0.9	1
8164	Development and Characterization of EST-SSR Markers From RNA-Seq Data in <i>Phyllostachys violascens</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 50.	1.7	40
8165	Molecular Characterisation of Equine Herpesvirus 1 Isolates from Cases of Abortion, Respiratory and Neurological Disease in Ireland between 1990 and 2017. <i>Pathogens</i> , 2019, 8, 7.	1.2	25
8166	Effect of Eicosapentaenoic Acid Supplementation on Paraoxonase 2 Gene Expression in Patients with Type 2 Diabetes Mellitus: a Randomized Double-blind Clinical Trial. <i>Clinical Nutrition Research</i> , 2019, 8, 17.	0.5	13
8167	Genome-wide gene expression profiling reveals that cuticle alterations and P450 detoxification are associated with deltamethrin and DDT resistance in <i>Anopheles arabiensis</i> populations from Ethiopia. <i>Pest Management Science</i> , 2019, 75, 1808-1818.	1.7	42
8168	Polymorphism identification in ovine KISS1R/GPR54 gene among pure and crossbreeds of Iranian sheep. <i>Small Ruminant Research</i> , 2019, 173, 23-29.	0.6	2
8169	A MYB Triad Controls Primary and Phenylpropanoid Metabolites for Pollen Coat Patterning. <i>Plant Physiology</i> , 2019, 180, 87-108.	2.3	59
8170	Development of EST-SSR markers and genetic diversity analysis among three <i>Artemia</i> species from different geographic populations. <i>Crustaceana</i> , 2019, 92, 841-851.	0.1	5
8171	Genetic Diversity and Phylogenetic Relationships of Annual and Perennial <i>Glycine</i> Species. G3: Genes, Genomes, Genetics, 2019, 9, 2325-2336.	0.8	7
8172	High-resolution mapping of <i>GRH6</i> , a gene from <i>Oryza nivara</i> ; (Sharma) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	7
8173	Analysis of factor V in zebrafish demonstrates minimal levels needed for early hemostasis. <i>Blood Advances</i> , 2019, 3, 1670-1680.	2.5	18
8174	Age- and sex-related ABC transporter expression in pyrethroid-susceptible and "resistant <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2019, 9, 19551.	1.6	8
8175	Integrated transcriptomic and functional immunological approach for assessing the invasiveness of bivalve alien species. <i>Scientific Reports</i> , 2019, 9, 19879.	1.6	5
8176	Characterization and development of microsatellite markers for <i>Echinomastus johnsonii</i> and congeneric taxa. <i>Applications in Plant Sciences</i> , 2019, 7, e11302.	0.8	0
8177	Characterization of microsatellite loci in <i>Brighamia insignis</i> and transferability to other genera in the Hawaiian lobelioid group. <i>Applications in Plant Sciences</i> , 2019, 7, e11303.	0.8	2
8178	Development of 16 single-copy nuclear gene markers for <i>Oreocharis auricula</i> , a perennial herb in China. <i>Applications in Plant Sciences</i> , 2019, 7, e11304.	0.8	2

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8180	Comparison of the Effects of Browning-Inducing Capsaicin on Two Murine Adipocyte Models. <i>Frontiers in Physiology</i> , 2019, 10, 1380.	1.3	15
8181	<i>Pyrenophora tritici-repentis</i> in Tunisia: Race Structure and Effector Genes. <i>Frontiers in Plant Science</i> , 2019, 10, 1562.	1.7	35
8182	Molecular Characterization of Pestiviruses in Fetal Bovine Sera Originating From Argentina: Evidence of Circulation of HoBi-Like Viruses. <i>Frontiers in Veterinary Science</i> , 2019, 6, 359.	0.9	18
8183	Steps and Tools for PCR-Based Technique Design. , 2019, , .		0
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8185	Gene expression is associated with virulence in murine macrophages infected with <i>Leptospira</i> spp. <i>PLoS ONE</i> , 2019, 14, e0225272.	1.1	3
8186	Polarizing receptor activation dissociates fibroblast growth factor 2 mediated inhibition of myelination from its neuroprotective potential. <i>Acta Neuropathologica Communications</i> , 2019, 7, 212.	2.4	13
8187	Genome wide identification and characterization of microsatellite markers in black pepper ( <i>Piper</i> ) Tj ETQq0 0 0 rgBT /Overlock,10 Tf 50	1.1	22
8188	Alu insertion polymorphisms shared by <i>Papio baboons</i> and <i>Theropithecus gelada</i> reveal an intertwined common ancestry. <i>Mobile DNA</i> , 2019, 10, 46.	1.3	11
8189	Stowaway miniature inverted repeat transposable elements are important agents driving recent genomic diversity in wild and cultivated carrot. <i>Mobile DNA</i> , 2019, 10, 47.	1.3	8
8190	Apigenin produced by maize flavone synthase <sc>I</sc> and <sc>II</sc> protects plants against <sc>UV-B</sc> induced damage. <i>Plant, Cell and Environment</i> , 2019, 42, 495-508.	2.8	54
8191	Oxidative stress induced in chloroplasts or mitochondria promotes proline accumulation in leaves of pea ( <i>Pisum sativum</i> ): another example of chloroplast-mitochondria interactions. <i>Protoplasma</i> , 2019, 256, 449-457.	1.0	32
8192	Into the weeds: Matching importation history to genetic consequences and pathways in two widely used biological control agents. <i>Evolutionary Applications</i> , 2019, 12, 773-790.	1.5	18
8193	In vitro characterization of hepatic toxicity of <i>Alternaria</i> toxins. <i>Mycotoxin Research</i> , 2019, 35, 157-168.	1.3	16
8194	Harsh conditions during early development influence telomere length in an altricial passerine: Links with oxidative stress and corticosteroids. <i>Journal of Evolutionary Biology</i> , 2019, 32, 111-125.	0.8	25
8195	Efficacy of biological agents and compost on growth and resistance of tomatoes to late blight. <i>Planta</i> , 2019, 249, 799-813.	1.6	26
8196	Fifteen novel microsatellite loci, developed using next-generation sequencing, reveal the lack of genetic structure in <i>Donax vittatus</i> from Iberian Peninsula. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 217, 218-225.	0.9	3

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8198	Superior Dispersal Ability Can Lead to Persistent Ecological Dominance throughout Succession. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	10
8199	Identification of suitable reference genes for miRNA quantitation in bumblebee (Hymenoptera: Apidae) response to reproduction. <i>Apidologie</i> , 2019, 50, 40-50.	0.9	10
8200	ABA promotes starch synthesis and storage metabolism in dormant grapevine buds. <i>Journal of Plant Physiology</i> , 2019, 234-235, 1-8.	1.6	33
8201	Identification of genes involved in fruit development/ripening in Capsicum and development of functional markers. <i>Genomics</i> , 2019, 111, 1913-1922.	1.3	31
8202	Transcriptome sequencing and EST-SSR marker development in <i>Salix babylonica</i> and <i>S. suchowensis</i> . <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	0.6	6
8203	Exonic CLDN16 mutations associated with familial hypomagnesemia with hypercalciuria and nephrocalcinosis can induce deleterious mRNA alterations. <i>BMC Medical Genetics</i> , 2019, 20, 6.	2.1	7
8204	Effect of early neonatal development and delayed feeding post-hatch on jejunal and ileal calcium and phosphorus transporter genes expression in broiler chickens. <i>Poultry Science</i> , 2019, 98, 1861-1871.	1.5	34
8205	Altered social behavior in mice carrying a cortical <i>Foxp2</i> deletion. <i>Human Molecular Genetics</i> , 2019, 28, 701-717.	1.4	31
8206	High hydrostatic pressure treatments trigger de novo carotenoid biosynthesis in papaya fruit ( <i>Carica</i> ) Tj ETQq1 1 0.784314 rgBT /Ove	4.2	31
8207	Population Structure of <i>Pythium ultimum</i> from Greenhouse Floral Crops in Michigan. <i>Plant Disease</i> , 2019, 103, 859-867.	0.7	3
8208	Multiplex Multilocus Variable-Number Tandem-Repeat Analysis for Typing of Pandemic <i>Vibrio parahaemolyticus</i> O1:KUT Isolates. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 104-113.	0.8	3
8209	A new one-step multiplex PCR assay for simultaneous detection and identification of avian haemosporidian parasites. <i>Parasitology Research</i> , 2019, 118, 191-201.	0.6	56
8210	Transcriptome sequencing and comparative analysis between male and female floral buds of the persimmon ( <i>Diospyros kaki</i> Thunb.). <i>Scientia Horticulturae</i> , 2019, 246, 987-997.	1.7	15
8211	Abscisic acid (ABA) and low temperatures synergistically increase the expression of CBF/DREB1 transcription factors and cold-hardiness in grapevine dormant buds. <i>Annals of Botany</i> , 2019, 123, 681-689.	1.4	60
8212	Glucose uptake in the intestine of the common carp <i>Cyprinus carpio</i> : Indications for the involvement of the sodium-dependent glucose cotransporter 1 and its modulation under pathogen infection. <i>Aquaculture</i> , 2019, 501, 169-177.	1.7	5
8213	Loss of mitochondrial calcium uniporter rewires skeletal muscle metabolism and substrate preference. <i>Cell Death and Differentiation</i> , 2019, 26, 362-381.	5.0	53
8214	New assay to diagnose and differentiate between <i>Mycobacterium tuberculosis</i> complex and nontuberculous mycobacteria. <i>Tuberculosis</i> , 2019, 114, 17-23.	0.8	21

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8216	Molecular identification of zoonotic hookworm species in dog faeces from Tanzania. <i>Journal of Helminthology</i> , 2019, 93, 313-318.	0.4	11
8217	High genetic connectivity among morphologically differentiated populations of the black sea urchin <i>Arbacia lixula</i> (Echinoidea: Arbacioida) across the central African Mediterranean coast. <i>Marine Biodiversity</i> , 2019, 49, 603-620.	0.3	5
8218	Functional analysis of <i>UGT201D3</i> associated with abamectin resistance in <i>Tetranychus cinnabarinus</i> (Boisduval). <i>Insect Science</i> , 2020, 27, 276-291.	1.5	38
8219	Genome-Wide Identification of NAC Transcription Factor Family and Functional Analysis of the Abiotic Stress-Responsive Genes in <i>Medicago sativa</i> L.. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 324-337.	2.8	23
8220	Kashmiris phylogenetic depictions through uniparental and biparental genetic markers. <i>International Journal of Legal Medicine</i> , 2020, 134, 1311-1312.	1.2	1
8221	A variant in <i>OLFML3</i> is associated with pectinate ligament abnormality and primary closed-angle glaucoma in Border Collies from the United Kingdom. <i>Veterinary Ophthalmology</i> , 2020, 23, 25-36.	0.6	7
8222	Co-inoculation Effects of <i>Rhizobium sulae</i> and <i>Pseudomonas</i> sp. on Growth, Antioxidant Status, and Expression Pattern of Genes Associated with Heavy Metal Tolerance and Accumulation of Cadmium in <i>Sulla coronaria</i> . <i>Journal of Plant Growth Regulation</i> , 2020, 39, 216-228.	2.8	17
8223	Transcriptome characterization and expression profiling in chestnut cultivars resistant or susceptible to the gall wasp <i>Dryocosmus kuriphilus</i> . <i>Molecular Genetics and Genomics</i> , 2020, 295, 107-120.	1.0	11
8224	Synthetic phosphoserine dimer attenuates lipopolysaccharide-induced inflammatory response in human intestinal epithelial cells via activation of NF- $\kappa$ B and MAPKs cell signalling pathways. <i>International Journal of Food Science and Technology</i> , 2020, 55, 82-91.	1.3	2
8225	<i>Chlorella vulgaris</i> modulates the expression of senescence-associated genes in replicative senescence of human diploid fibroblasts. <i>Molecular Biology Reports</i> , 2020, 47, 369-379.	1.0	4
8226	Professional tooth cleaning prior to non-surgical periodontal therapy: A randomized clinical trial. <i>Journal of Periodontology</i> , 2020, 91, 174-182.	1.7	12
8227	Bicistronic transfer of <i>CDKN2A</i> and <i>p53</i> culminates in collaborative killing of human lung cancer cells in vitro and in vivo. <i>Gene Therapy</i> , 2020, 27, 51-61.	2.3	6
8228	Identification and temporal expression profiles of cuticular proteins in the endoparasitoid wasp, <i>Microplitis mediator</i> . <i>Insect Science</i> , 2020, 27, 998-1018.	1.5	13
8229	Development of 21 Microsatellite Loci and Diversity Analysis of Amur Grayling in Amur River. <i>Thalassas</i> , 2020, 36, 165-170.	0.1	0
8230	A cross-talk between leptin and 17 $\beta$ -estradiol in vitellogenin synthesis in rainbow trout <i>Oncorhynchus mykiss</i> liver. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 331-344.	0.9	7
8231	Regulation of expression of the mitochondrial and cytosolic forms of aconitase in maize leaves via phytochrome. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 157-162.	2.8	17
8232	Steroidogenic acute regulatory protein transcription is regulated by estrogen receptor signaling in largemouth bass ovary. <i>General and Comparative Endocrinology</i> , 2020, 286, 113300.	0.8	13

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8234	Development of simple sequence repeat markers based on whole-genome sequencing to reveal the genetic diversity of <i>Glomerella cingulata</i> in China. <i>Journal of General Plant Pathology</i> , 2020, 86, 2-12.	0.6	5
8235	Identification of molecular markers for the Pc39 gene conferring resistance to crown rust in oat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1081-1094.	1.8	15
8236	Microsatellite characterisation and sex-typing in two invasive parakeet species, the monk parakeet <i>Myiopsitta monachus</i> and ring-necked parakeet <i>Psittacula krameri</i> . <i>Molecular Biology Reports</i> , 2020, 47, 1543-1550.	1.0	3
8237	TRIM8 interacts with KIF11 and KIFC1 and controls bipolar spindle formation and chromosomal stability. <i>Cancer Letters</i> , 2020, 473, 98-106.	3.2	16
8238	Kinetic study of the expression of genes related to hepatic steatosis, glucose and lipid metabolism, and cellular stress during overfeeding in mule ducks. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R453-R467.	0.9	11
8239	Identification of some Egyptian leafhopper species (Hemiptera: Cicadellidae) using DNA barcoding. <i>Biologia (Poland)</i> , 2020, 75, 1337-1346.	0.8	2
8240	Molecular and cytogenetic description of somatic hybrids between <i>Gentiana cruciata</i> L. and <i>G. tibetica</i> King. <i>Journal of Applied Genetics</i> , 2020, 61, 13-24.	1.0	7
8241	First Expressed TFome of Physic Nut ( <i>Jatropha curcas</i> L.) After Salt Stimulus. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 189-208.	1.0	10
8242	Genetic and phylogenetic structure of <i>Hynobius quelpaertensis</i> , an endangered endemic salamander species on the Korean Peninsula. <i>Genes and Genomics</i> , 2020, 42, 165-178.	0.5	5
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8375	Molecular Identification and Mycotoxin Production by <i>Alternaria</i> Species Occurring on Durum Wheat, Showing Black Point Symptoms. <i>Toxins</i> , 2020, 12, 275.	1.5	32
8376	Gene expression profiling identifies pathways involved in seed maturation of <i>Jatropha curcas</i> . <i>BMC Genomics</i> , 2020, 21, 290.	1.2	2

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8377	Isolation and characterization of microsatellite loci in <i>Astronium graveolens</i> (Anacardiaceae) and cross amplification in related species. <i>Molecular Biology Reports</i> , 2020, 47, 4003-4007.	1.0	3
8378	The chloroplast genome sequence of <i>Dipteryx alata</i> Vog. (Fabaceae: Papilionoideae): genomic features and comparative analysis with other legume genomes. <i>Revista Brasileira De Botanica</i> , 2020, 43, 271-282.	0.5	8
8379	Development of a workflow for identification of nuclear genotyping markers for <i>Cyclospora cayetanensis</i> . <i>Parasite</i> , 2020, 27, 24.	0.8	13
8380	<i>Cynara cardunculus</i> L. as a Multipurpose Crop for Plant Secondary Metabolites Production in Marginal Stressed Lands. <i>Frontiers in Plant Science</i> , 2020, 11, 240.	1.7	31
8381	Genetic Characterization of Cupped Oyster Resources in Europe Using Informative Single Nucleotide Polymorphism (SNP) Panels. <i>Genes</i> , 2020, 11, 451.	1.0	4
8382	Pattern and timing of diversification in the African freshwater fish genus <i>Distichodus</i> (Characiformes: Distichodontidae). <i>BMC Evolutionary Biology</i> , 2020, 20, 48.	3.2	6
8383	The antibiotic jinggangmycin increases brown planthopper (BPH) fecundity by enhancing rice plant sugar concentrations and BPH insulin-like signaling. <i>Chemosphere</i> , 2020, 249, 126463.	4.2	17
8384	Development of microsatellite markers for three at risk tiger beetles <i>Cicindela dorsalis dorsalis</i> , <i>C. d. media</i> , and <i>C. puritana</i> . <i>BMC Research Notes</i> , 2020, 13, 171.	0.6	4
8385	Whole genome sequencing for mutation discovery in a single case of lysosomal storage disease (MPS) Tj ETQq0 0 Q rBT /Overlock 10 T	1.6	7
8386	Isolation and characterization of human acetoacetyl-CoA synthetase splice variants. <i>Gene Reports</i> , 2020, 19, 100665.	0.4	1
8387	Abscisic Acid Negatively Modulates Heat Tolerance in Rolled Leaf Rice by Increasing Leaf Temperature and Regulating Energy Homeostasis. <i>Rice</i> , 2020, 13, 18.	1.7	51
8388	Development and characterization of 16 novel microsatellite markers by Transcriptome sequencing for <i>Angelica dahurica</i> and test for cross-species amplification. <i>BMC Plant Biology</i> , 2020, 20, 152.	1.6	6
8389	Development of InDel Markers for <i>Brassica rapa</i> Based on a High-resolution Melting Curve. <i>Horticultural Plant Journal</i> , 2021, 7, 31-37.	2.3	13
8390	Genotype-phenotype correlation in seven motor neuron disease families with novel <i>ALS2</i> mutations. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 344-354.	0.7	14
8391	Penicillin G acylase production by <i>Mucor griseocyaneus</i> and the partial genetic analysis of its <i>pga</i> gene. <i>International Microbiology</i> , 2021, 24, 37-45.	1.1	2
8392	9-cis-UAB30, a novel retinoid agonist, decreases tumorigenicity and cancer cell stemness of human neuroblastoma patient-derived xenografts. <i>Translational Oncology</i> , 2021, 14, 100893.	1.7	5
8393	Early detection of <i>Neophytophthora tropicalis</i> in grapevine leaves and on spore traps by qPCR. <i>Plant Pathology</i> , 2021, 70, 358-366.	1.2	2
8394	Gene cloning/recombinant DNA technology. , 2021, , 97-107.		1

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8396	Predicting Drug Interactions with Human Equilibrative Nucleoside Transporters 1 and 2 Using Functional Knockout Cell Lines and Bayesian Modeling. <i>Molecular Pharmacology</i> , 2021, 99, 147-162.	1.0	15
8397	A genomic amplification affecting a carboxylesterase gene cluster confers organophosphate resistance in the mosquito <i>Aedes aegypti</i> : From genomic characterization to high-throughput field detection. <i>Evolutionary Applications</i> , 2021, 14, 1009-1022.	1.5	15
8398	Major latex protein-like encoding genes contribute to <i>Rhizoctonia solani</i> defense responses in sugar beet. <i>Molecular Genetics and Genomics</i> , 2021, 296, 155-164.	1.0	20
8399	A novel workflow to improve genotyping of multigene families in wildlife species: An experimental set-up with a known model system. <i>Molecular Ecology Resources</i> , 2021, 21, 982-998.	2.2	8
8400	Contact repellency by l-menthol is mediated by TRPM channels in the red flour beetle <i>Tribolium castaneum</i> . <i>Pest Management Science</i> , 2021, 77, 1422-1427.	1.7	7
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8402	Development of Wild Boar Species-Specific DNA Markers for a Potential Quality Control and Traceability Method in Meat Products. <i>Food Analytical Methods</i> , 2021, 14, 18-27.	1.3	4
8403	Population genetics, demographics and implications for conservation of <i>Brachychiton</i> sp. Ormeau, a Critically Endangered rainforest tree. <i>Australian Journal of Botany</i> , 2021, 69, 259.	0.3	0
8404	Development of species-specific SCAR markers for identification and authentication of three rare Peninsular Malaysian endemic <i>Coelogyne</i> (Orchidaceae) orchids. <i>F1000Research</i> , 2020, 9, 1161.	0.8	2
8405	VvDAM-SVPs genes are regulated by FLOWERING LOCUS T (VvFT) and not by ABA/low temperature-induced VvCBFs transcription factors in grapevine buds. <i>Planta</i> , 2021, 253, 31.	1.6	11
8406	Differential regulation of cytochrome P450 genes associated with biosynthesis and detoxification in bifenthrin-resistant populations of navel orangeworm ( <i>Amyelois transitella</i> ). <i>PLoS ONE</i> , 2021, 16, e0245803.	1.1	2
8407	Comprehensive identification and characterization of simple sequence repeats based on the whole-genome sequences of 14 forest and fruit trees. <i>Forestry Research</i> , 2021, 1, 1-10.	0.5	7
8408	Comparison of ethylene carbonate and formamide as components of the hybridization mixture in FISH. <i>Scientia Agricola</i> , 2021, 78, .	0.6	2
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8410	Prevalence and rapid identification of <i>Salmonella</i> <i>Infantis</i> in broiler production in Turkey. <i>Ankara Universitesi Veteriner Fakultesi Dergisi</i> , 2022, 69, 1-8.	0.4	1
8411	Stenoparib, an Inhibitor of Cellular Poly(ADP-Ribose) Polymerase, Blocks Replication of the SARS-CoV-2 and HCoV-NL63 Human Coronaviruses In Vitro. <i>MBio</i> , 2021, 12, .	1.8	16
8412	<i>Welwitschia</i> : Phylogeography of a living fossil, diversified within a desert refuge. <i>Scientific Reports</i> , 2021, 11, 2385.	1.6	12

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8414	Candidate genes and SNPs associated with stomatal conductance under drought stress in <i>Vitis</i> . <i>BMC Plant Biology</i> , 2021, 21, 7.	1.6	12
8415	The Centromere Histone Is Conserved and Associated with Tandem Repeats Sharing a Conserved 19-bp Box in the Holocentromere of <i>Meloidogyne</i> Nematodes. <i>Molecular Biology and Evolution</i> , 2021, 38, 1943-1965.	3.5	16
8416	Association of venous thromboembolism and myocardial infarction with Factor V Leiden and Factor II gene mutations among Libyan patients. <i>Libyan Journal of Medicine</i> , 2021, 16, 1857525.	0.8	3
8417	Sequence-Specific Amplified Polymorphism (SSAP) and Sequence Characterized Amplified Region (SCAR) Markers in <i>Zea mays</i> . <i>Methods in Molecular Biology</i> , 2021, 2250, 207-218.	0.4	1
8418	Development and characterization of Simple Sequence Repeat (SSR) markers from the genomic sequence of sweet potato [ <i>Ipomoea batatas</i> L. (Lam)]. <i>Biocell</i> , 2021, 45, 1095-1105.	0.4	1
8419	Variation in Expression of Reference Genes across Life Stages of a Bee, <i>Megachile rotundata</i> . <i>Insects</i> , 2021, 12, 36.	1.0	10
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8421	Transgenic insertion of the cyanobacterial membrane protein <i>ictB</i> increases grain yield in <i>Zea mays</i> through increased photosynthesis and carbohydrate production. <i>PLoS ONE</i> , 2021, 16, e0246359.	1.1	10
8422	The function of Wls in ovarian development. <i>Molecular and Cellular Endocrinology</i> , 2021, 522, 111142.	1.6	8
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8424	The durum wheat annexin, TdAnn6, improves salt and osmotic stress tolerance in <i>Arabidopsis</i> via modulation of antioxidant machinery. <i>Protoplasma</i> , 2021, 258, 1047-1059.	1.0	13
8425	Identification of serum interleukin-13 and interleukin-13 receptor subunit expressions: Rheumatoid arthritis-associated interstitial lung disease. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 591-598.	0.9	11
8427	Improved evaluation of the genetic variability of Brazilian strains of <i>Erwinia psidii</i> with newly developed microsatellite markers. <i>Plant Pathology</i> , 2021, 70, 922-931.	1.2	3
8428	Molecular detection and whole genome characterization of Canine Parainfluenza type 5 in Thailand. <i>Scientific Reports</i> , 2021, 11, 3866.	1.6	7
8429	Size Variation of the Nonrecombining Region on the Mating-Type Chromosomes in the Fungal <i>Podospora anserina</i> Species Complex. <i>Molecular Biology and Evolution</i> , 2021, 38, 2475-2492.	3.5	13
8430	A recombineering pipeline to clone large and complex genes in <i>Chlamydomonas</i> . <i>Plant Cell</i> , 2021, 33, 1161-1181.	3.1	19
8431	Development and Cross-Amplification of Microsatellite Markers for <i>Micrurus surinamensis</i> (Elapidae). <i>Journal of Herpetology</i> , 2021, 55, .	0.2	0

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8433	Intronic variant in POU1F1 associated with canine pituitary dwarfism. <i>Human Genetics</i> , 2021, 140, 1553-1562.	1.8	4
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8436	Association of a Novel KIF26B Gene Polymorphism with Susceptibility to Schizophrenia and Breast Cancer: A Case-Control Study. <i>Iranian Journal of Public Health</i> , 2021, 50, 397-406.	0.3	2
8437	Genetic diversity and structure of the narrow endemic <i>Seseli farrenyi</i> (Apiaceae): implications for translocation. <i>PeerJ</i> , 2021, 9, e10521.	0.9	7
8438	Effect of oxidative stress and calcium deregulation on FAM26F (CALHM6) expression during hepatitis B virus infection. <i>BMC Infectious Diseases</i> , 2021, 21, 228.	1.3	5
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8440	Swine Inflammation and Necrosis Syndrome Is Associated with Plasma Metabolites and Liver Transcriptome in Affected Piglets. <i>Animals</i> , 2021, 11, 772.	1.0	4
8441	Identification and characterization of SSR markers in taro [ <i>Colocasia esculenta</i> (L.) Schott] by RAD sequencing. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 2897-2905.	0.8	0
8442	Dissecting the molecular diversity and commonality of bovine and human treponemes identifies key survival and adhesion mechanisms. <i>PLoS Pathogens</i> , 2021, 17, e1009464.	2.1	7
8443	A Real-Time PCR Assay for the Diagnosis of Intestinal Schistosomiasis and Cure Assessment After the Treatment of Individuals With Low Parasite Burden. <i>Frontiers in Immunology</i> , 2020, 11, 620417.	2.2	7
8444	Development of genic KASP SNP markers from RNA-Seq data for map-based cloning and marker-assisted selection in maize. <i>BMC Plant Biology</i> , 2021, 21, 157.	1.6	14
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8446	Combining transcriptome analysis and GWAS for identification and validation of marker genes in the <i>Physalis peruviana</i> - <i>Fusarium oxysporum</i> pathosystem. <i>PeerJ</i> , 2021, 9, e11135.	0.9	1
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8451	Dynamic gene expression in salivary glands of the cat flea during <i>Rickettsia felis</i> infection. <i>Pathogens and Disease</i> , 2021, 79, .	0.8	11
8452	Paxillin Is Required for Proper Spinal Motor Axon Growth into the Limb. <i>Journal of Neuroscience</i> , 2021, 41, 3808-3821.	1.7	3
8453	Bicaudal C is required for the function of the follicular epithelium during oogenesis in <i>Rhodnius prolixus</i> . <i>Development Genes and Evolution</i> , 2021, 231, 33-45.	0.4	7
8454	A Comparative Transcriptome Analysis of Human and Porcine Choroid Plexus Cells in Response to <i>Streptococcus suis</i> Serotype 2 Infection Points to a Role of Hypoxia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639620.	1.8	5
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8457	The seasonal profile of proliferation and apoptosis in the prostate gland of the wild ground squirrel ( <i>Spermophilus dauricus</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2021, 253, 110862.	0.8	4
8458	microRNA-31 regulates skeletogenesis by direct suppression of <i>Eve</i> and <i>Wnt1</i> . <i>Developmental Biology</i> , 2021, 472, 98-114.	0.9	8
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8468	Multiple internal controls enhance reliability for PCR and real time PCR detection of <i>Rathayibacter toxicus</i> . <i>Scientific Reports</i> , 2021, 11, 8365.	1.6	9
8469	CRISPR/Cas9-mediated knockout of PIM3 suppresses tumorigenesis and cancer cell stemness in human hepatoblastoma cells. <i>Cancer Gene Therapy</i> , 2022, 29, 558-572.	2.2	11
8470	Microsatellite Loci for the Threatened Pearl Darter and Cross Amplification in Channel and Coal Darters. <i>Journal of Fish and Wildlife Management</i> , 2021, 12, 257-262.	0.4	0
8471	<i>Arabidopsis</i> bZIP11 Is a Susceptibility Factor During <i>Pseudomonas syringae</i> Infection. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 439-447.	1.4	7



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8491	Acute Effects on the Human Peripheral Blood Transcriptome of Decompression Sickness Secondary to Scuba Diving. <i>Frontiers in Physiology</i> , 2021, 12, 660402.	1.3	10
8492	Duplex-RT-PCR assay for the simultaneous detection and discrimination of Brome mosaic virus and Cocksfoot mottle virus in cereal plants. <i>Molecular Biology Reports</i> , 2021, 48, 4981-4985.	1.0	0
8493	Variant analyses of candidate genes in orofacial clefts in multiethnic populations. <i>Oral Diseases</i> , 2022, 28, 1921-1935.	1.5	3
8494	Comprehensive analysis of SSRs and database construction using all complete gene-coding sequences in major horticultural and representative plants. <i>Horticulture Research</i> , 2021, 8, 122.	2.9	21
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8497	Construction of a Full-Length Transcriptome Resource for the Chinese Sucker ( <i>Myxocyprinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 2021, 8, .	1.2	4
8498	Elevating Ascorbate in Arabidopsis Stimulates the Production of Abscisic Acid, Phaseic Acid, and to a Lesser Extent Auxin (IAA) and Jasmonates, Resulting in Increased Expression of DHAR1 and Multiple Transcription Factors Associated with Abiotic Stress Tolerance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6743.	1.8	21
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8501	Novel second-generation rexinoid induces growth arrest and reduces cancer cell stemness in human neuroblastoma patient-derived xenografts. <i>Journal of Pediatric Surgery</i> , 2021, 56, 1165-1173.	0.8	4
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8503	Evaluating the contribution of osmotic and oxidative stress components on barley growth under salt stress. <i>AoB PLANTS</i> , 2021, 13, plab034.	1.2	19
8504	Serine-Threonine Kinase Receptor-Associated Protein (STRAP) Knockout Decreases the Malignant Phenotype in Neuroblastoma Cell Lines. <i>Cancers</i> , 2021, 13, 3201.	1.7	6
8505	Genetic diversity of the endangered Japanese golden eagle at neutral and functional loci. <i>Ecological Research</i> , 2021, 36, 815-829.	0.7	2
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8507	Fine Mapping and Candidate Gene Identification for the CapUp Locus Controlling Fruit Orientation in Pepper ( <i>Capsicum</i> spp.). <i>Frontiers in Plant Science</i> , 2021, 12, 675474.	1.7	8
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8509	Genetic Structure of the <i>Goniopora lobata</i> and <i>G. djiboutiensis</i> Species Complex Is Better Explained by Oceanography Than by Morphological Characteristics. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	2
8510	3,4-Dihydroxyflavonol Modulates the Cell Cycle in Cancer Cells: Implication as a Potential Combination Drug in Osteosarcoma. <i>Pharmaceuticals</i> , 2021, 14, 640.	1.7	3
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8512	Taxonomic Revision of the Genus <i>Lactifluus</i> (Russulales, Basidiomycota) of South Korea. <i>Mycobiology</i> , 2021, 49, 308-345.	0.6	1
8513	Field-Deployable Recombinase Polymerase Amplification Assay for Specific, Sensitive and Rapid Detection of the US Select Agent and Toxigenic Bacterium, <i>Rathayibacter toxicus</i> . <i>Biology</i> , 2021, 10, 620.	1.3	7
8514	Severe SARS-CoV-2 Infection in a Cat with Hypertrophic Cardiomyopathy. <i>Viruses</i> , 2021, 13, 1510.	1.5	26
8515	A surface dielectric barrier discharge non-thermal plasma to induce cell death in colorectal cancer cells. <i>AIP Advances</i> , 2021, 11, .	0.6	7
8516	Genome survey and microsatellite motif identification of <i>Pogonophryne albinna</i> . <i>Bioscience Reports</i> , 2021, 41, .	1.1	9
8518	Identification of Candidate Gene-Based Markers for Girth Growth in Rubber Trees. <i>Plants</i> , 2021, 10, 1440.	1.6	3
8519	Extracellular Fragmented Self-DNA Is Involved in Plant Responses to Biotic Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 686121.	1.7	15
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8523	Evolution and genomic organization of the insect sHSP gene cluster and coordinate regulation in phenotypic plasticity. <i>Bmc Ecology and Evolution</i> , 2021, 21, 154.	0.7	0
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8531	Transcriptional profiling and physiological responses reveal new insights into drought tolerance in a semiarid adapted species, <i>Anacardium occidentale</i> . <i>Plant Biology</i> , 2021, 23, 1074-1085.	1.8	0
8532	Hereditary sensory and autonomic neuropathy in a family of mixed breed dogs associated with a novel <i>RETREG1</i> variant. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2306-2314.	0.6	8
8534	Morphological, Physiological, and Molecular Responses of Sweetly Fragrant <i>Luculia gratissima</i> During the Floral Transition Stage Induced by Short-Day Photoperiod. <i>Frontiers in Plant Science</i> , 2021, 12, 715683.	1.7	0
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8872	Identification and Characterization of Microsatellite Loci in Maqui ( <i>Aristotelia chilensis</i> [Molina]) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1</i>	1.1	17
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8874	Sequencing and Characterization of the Invasive Sycamore Lace Bug <i>Corythucha ciliata</i> (Hemiptera:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1</i>	1.1	10
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9022	High-throughput simple sequence repeat (SSR) markers development for the kelp grouper (&lt;i>Epinephelus bruneus&lt;/i>) and cross-species amplifications for Epinephelinae species. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2014, 05, 117-130.	0.3	6

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9024	Cost-Effective Discovery of Nucleotide Polymorphisms in Populations of an Allopolyploid Species Using Pool-Seq. <i>American Journal of Molecular Biology</i> , 2017, 07, 1031-1046.	0.1	2
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9029	A suite of microsatellite markers for genetic management of captive cracids (Aves, Galliformes). <i>Genetics and Molecular Research</i> , 2014, 13, 9867-9873.	0.3	3
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9090	First genetic linkage map of chilling injury susceptibility in peach ( <i>Prunus persica</i> (L.) Batsch) fruit with SSR and SNP markers. <i>Journal of Plant Science and Molecular Breeding</i> , 2012, 1, 3.	1.2	10
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9106	The complete mitochondrial genome of the grooved carpet shell, <i>Ruditapes decussatus</i> (Bivalvia). Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 422 Td	0.9	18
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9787	Mutational investigation of 17 causative genes in a cohort of 113 families with nonsyndromic early-onset high myopia in northwestern China. <i>Molecular Genetics and Genomics</i> , 2023, 298, 669-682.	1.0	5
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