

CITATION REPORT

List of articles citing

MEGA3: Integrated software for Molecular Evolutionary Genetics Analysis and sequence alignment

DOI: 10.1093/bib/5.2.150

Briefings in Bioinformatics, 2004, 5, 150-63.

Source: <https://exaly.com/paper-pdf/37357154/citation-report.pdf>

Version: 2024-04-24

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

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

#	Paper	IF	Citations
2332	References. 2001 , 328-342		
2331	Modulation of macrophage differentiation and activation by decoy receptor 3. 2004 , 75, 486-94		75
2330	Evolutionary genetics of the capsular locus of serogroup 6 pneumococci. 2004 , 186, 8181-92		83
2329	Rubrerythrin from the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> is a rubredoxin-dependent, iron-containing peroxidase. 2004 , 186, 7888-95		81
2328	Prospects for inferring very large phylogenies by using the neighbor-joining method. 2004 , 101, 11030-5		3177
2327	Plant self-incompatibility in natural populations: a critical assessment of recent theoretical and empirical advances. 2004 , 13, 2873-89		146
2326	Legacy lost: genetic variability and population size of extirpated US grey wolves (<i>Canis lupus</i>). 2005 , 14, 9-17		135
2325	Diatom phylogenetics inferred based on direct optimization of nuclear-encoded SSU rRNA sequences. 2004 , 20, 487-497		65
2324	Evolutionary perspective on annexin calcium-binding domains. 2004 , 1742, 133-40		58
2323	Genomic paleontology provides evidence for two distinct origins of Asian rice (<i>Oryza sativa</i> L.). 2004 , 272, 504-11		143
2322	Physiological dendrogram of <i>Claviceps</i> spp. based on sucrose metabolism in submerged cultures and its comparison with phylogenetic tree. 2004 , 49, 705-12		2
2321	Toward a blueprint for UDP-glucose pyrophosphorylase structure/function properties: homology-modeling analyses. 2004 , 56, 783-94		33
2320	Evolution of cow nonstomach lysozyme genes. 2004 , 47, 1082-90		36
2319	Comparative sequence analysis of a gene-dense region among closely related species of <i>Drosophila melanogaster</i> . 2004 , 79, 351-9		4
2318	Identification of a novel HIV-1 circulating ADG intersubtype recombinant form (CRF19_cpx) in Cuba. 2005 , 40, 532-7		37
2317	Phylogeny of the insect homeobox gene (<i>hox</i>) cluster. 2005 , 3, 42-6		3
2316	Two classes of highly similar coiled coil-nucleotide binding-leucine rich repeat genes isolated from the <i>Rps1-k</i> locus encode <i>Phytophthora</i> resistance in soybean. 2005 , 18, 1035-45		87

2315	Polyphasic taxonomy of <i>Aspergillus fumigatus</i> and related species. 2005 , 97, 1316-1329	139
2314	<i>Pisolithus indicus</i> , a new species of ectomycorrhizal fungus associated with <i>Dipetrocarps</i> in India. 2005 , 97, 838-843	4
2313	Isolations of Potosi virus from mosquitoes (Diptera: Culicidae) collected in Connecticut. 2005 , 42, 875-81	18
2312	Spatial variation in <i>Bacillus thuringiensis/cereus</i> populations within the phyllosphere of broad-leaved dock (<i>Rumex obtusifolius</i>) and surrounding habitats. 2005 , 54, 417-25	40
2311	Bacterial endophytes from seeds of Norway spruce (<i>Picea abies</i> L. Karst). 2005 , 244, 341-5	141
2310	Molecular phylogenetics and biogeography of <i>Lepus</i> in Eastern Asia based on mitochondrial DNA sequences. 2005 , 37, 45-61	50
2309	Origin and evolution of new exons in the rodent zinc finger protein 39 gene. 2005 , 50, 1126	2
2308	The AP-2 family of transcription factors. 2005 , 6, 246	280
2307	Phylogenetic diversity of fluorescent pseudomonads in agricultural soils from Korea. 2005 , 41, 417-23	5
2306	Genomic annotation and transcriptome analysis of the zebrafish (<i>Danio rerio</i>) hox complex with description of a novel member, hox b 13a. 2005 , 7, 362-75	23
2305	Characterization of purple sulfur bacteria from the South Andros Black Hole cave system: highlights taxonomic problems for ecological studies among the genera <i>Allochromatium</i> and <i>Thiocapsa</i> . 2005 , 7, 1260-8	18
2304	Influence of different <i>Oryza</i> cultivars on expression of nifH gene pools in roots of rice. 2005 , 7, 1725-33	88
2303	Aerobic anoxygenic photosynthesis genes and operons in uncultured bacteria in the Delaware River. 2005 , 7, 1896-908	56
2302	Restricted gene flow between two social forms in the ant <i>Formica truncorum</i> . 2005 , 18, 978-84	29
2301	<i>Hypoderma sinense</i> : solving a century-old enigma. 2005 , 19, 315-21	7
2300	Origin and diversification of the human parasite <i>Schistosoma mansoni</i> . 2005 , 14, 3889-902	96
2299	The colonization of Europe by the freshwater crustacean <i>Asellus aquaticus</i> (Crustacea: Isopoda) proceeded from ancient refugia and was directed by habitat connectivity. 2005 , 14, 4355-69	112
2298	Sequence diversity of the MHC DRB gene in the Eurasian beaver (<i>Castor fiber</i>). 2005 , 14, 4249-57	76

2297	Annotation of the chicken IL10 gene cluster and effects of lipopolysaccharide stimulation on IL10 gene expression. 2005 , 36, 263-5	2
2296	Cloning of canine galactokinase (GALK1) and evaluation as a candidate gene for hereditary cataracts in Labrador retrievers. 2005 , 36, 265-6	3
2295	Conservation of promoter, coding and intronic regions of the non-classical MHC class II DYA gene suggests evolution under functional constraints. 2005 , 36, 237-9	13
2294	Pyridoxine is required for post-embryonic root development and tolerance to osmotic and oxidative stresses. 2005 , 44, 396-408	138
2293	Genome sequence of the chlorinated compound-respiring bacterium Dehalococcoides species strain CBDB1. 2005 , 23, 1269-73	253
2292	A common inversion under selection in Europeans. 2005 , 37, 129-37	599
2291	OsWRKY03, a rice transcriptional activator that functions in defense signaling pathway upstream of OsNPR1. 2005 , 15, 593-603	116
2290	Identification, characterization, and evolution of a primate beta-defensin gene cluster. 2005 , 6, 203-10	42
2289	The biosynthesis and regulation of biosynthesis of Concord grape fruit esters, including 'foxy' methylantranilate. 2005 , 44, 606-19	100
2288	Complete rRNA gene sequences reveal that the microsporidium Nosema bombi infects diverse bumblebee (<i>Bombus</i> spp.) hosts and contains multiple polymorphic sites. 2005 , 52, 505-13	76
2287	cDNA cloning, sequence analysis of the porcine LIM and cysteine-rich domain 1 gene. 2005 , 37, 843-50	4
2286	GLOBAL POPULATION GENETIC STRUCTURE AND BIOGEOGRAPHY OF THE OCEANIC COPEPODS EUCALANUS HYALINUS AND E. SPINIFER. 2005 , 59, 2378-2398	54
2285	Molecular genetic assessment of bipolarity in the anchovy genus <i>Engraulis</i> . 2005 , 67, 1242-1265	31
2284	Identification of a DAF-7 ortholog from the hookworm <i>Ancylostoma caninum</i> . 2005 , 35, 1489-98	33
2283	Tip of another iceberg: <i>Drosophila</i> serpins. 2005 , 15, 659-65	82
2282	A eukaryotic gene family related to retroelement integrases. 2005 , 21, 133-7	28
2281	Genetic and morphological description of <i>Eucalanus spinifer</i> T. Scott, 1894 (Calanoida: Eucalanidae), a circumglobal sister species of the copepod <i>E. hyalinus</i> s.s. (Claus, 1866). 2005 , 65, 55-87	19
2280	Mitochondrial haplotype diversity in the tortoise species <i>Testudo graeca</i> from North Africa and the Middle East. 2005 , 5, 29	13

2279	Expression and genomic organization of zonadhesin-like genes in three species of fish give insight into the evolutionary history of a mosaic protein. 2005 , 6, 165	6
2278	Chicken genome analysis reveals novel genes encoding biotin-binding proteins related to avidin family. 2005 , 6, 41	13
2277	Genomic organization, annotation, and ligand-receptor inferences of chicken chemokines and chemokine receptor genes based on comparative genomics. 2005 , 6, 45	48
2276	Expression analysis of the mouse S100A7/psoriasin gene in skin inflammation and mammary tumorigenesis. 2005 , 5, 17	27
2275	Virological and molecular characterization of a mammalian orthoreovirus type 3 strain isolated from a dog in Italy. 2005 , 109, 19-27	50
2274	Isolation and characterization of a new Vesivirus from rabbits. 2005 , 337, 373-83	23
2273	Expansion of family Reoviridae to include nine-segmented dsRNA viruses: isolation and characterization of a new virus designated Aedes pseudoscutellaris reovirus assigned to a proposed genus (Dinovernavirus). 2005 , 343, 212-23	65
2272	Discovery of a new class of immunoglobulin heavy chain from fugu. 2005 , 35, 3320-31	96
2271	Expression of NF1 pseudogenes. 2005 , 26, 487-8	18
2270	Subspecies composition and founder contribution of the captive U.S. chimpanzee (<i>Pan troglodytes</i>) population. 2005 , 67, 223-41	27
2269	Expression studies on glucose-6-phosphate dehydrogenase in sea bream: effects of growth hormone, somatostatin, salinity and temperature. 2005 , 303, 676-88	18
2268	Detection and genotyping of GBV-C virus in the United Arab Emirates. 2005 , 76, 534-40	14
2267	Molecular characterization and genetic variation of the VP7 gene of human rotaviruses isolated in Paraguay. 2005 , 77, 579-86	30
2266	G2 rotavirus infections in an infantile population of the South of Italy: variability of viral strains over time. 2005 , 77, 587-94	26
2265	Current Awareness on Comparative and Functional Genomics. 2005 , 6, 97-112	78
2264	Inter- and intralocus recombination drive MHC class IIB gene diversification in a teleost, the three-spined stickleback <i>Gasterosteus aculeatus</i> . 2005 , 61, 531-41	72
2263	In silico identification and expression analysis of 12 novel CC chemokines in catfish. 2005 , 57, 409-19	41
2262	Discovery of a novel immunoglobulin heavy chain gene chimera from common carp (<i>Cyprinus carpio</i> L.). 2005 , 57, 458-63	94

2261	Chicken CD1 genes are located in the MHC: CD1 and endothelial protein C receptor genes constitute a distinct subfamily of class-I-like genes that predates the emergence of mammals. 2005 , 57, 590-600	33
2260	Sequence variations in the transcriptional regulatory region and intron1 of HLA-DQB1 gene and their linkage in southern Chinese ethnic groups. 2005 , 57, 465-78	0
2259	The evolution of the immunoglobulin heavy chain variable region (IgVH) in Leporids: an unusual case of transspecies polymorphism. 2005 , 57, 874-82	29
2258	Gene duplication of the seventh component of complement in rainbow trout. 2005 , 57, 703-8	21
2257	Characterization of the T-cell receptor gamma locus and analysis of the variable gene segment expression in rabbit. 2005 , 57, 352-63	9
2256	The peculiar distribution of class I and class II aldolases in diatoms and in red algae. 2005 , 48, 389-400	15
2255	Rationalising germplasm collections: a case study for wheat. 2005 , 111, 1322-9	11
2254	The nop gene from <i>Phanerochaete chrysosporium</i> encodes a peroxidase with novel structural features. 2005 , 116, 167-73	14
2253	Assessment of the diversity of <i>Paenibacillus</i> species in environmental samples by a novel rpoB-based PCR-DGGE method. 2005 , 53, 317-28	39
2252	Bioaugmentation potential of a vinyl chloride-assimilating <i>Mycobacterium</i> sp., isolated from a chloroethene-contaminated aquifer. 2005 , 248, 227-34	22
2251	Two isoforms of the A subunit of the vacuolar H(+)-ATPase in <i>Lycopersicon esculentum</i> : highly similar proteins but divergent patterns of tissue localization. 2005 , 220, 632-43	27
2250	Characterization of candidate class A, B and E floral homeotic genes from the perianthless basal angiosperm <i>Chloranthus spicatus</i> (Chloranthaceae). 2005 , 215, 437-49	36
2249	Vertebrate neurogenin evolution: long-term maintenance of redundant duplicates. 2005 , 215, 639-44	22
2248	Transport of magnesium and other divalent cations: evolution of the 2-TM-GxN proteins in the MIT superfamily. 2005 , 274, 205-16	101
2247	Significant microsynteny with new evolutionary highlights is detected between <i>Arabidopsis</i> and legume model plants despite the lack of macrosynteny. 2005 , 274, 644-57	27
2246	Phylogenetic position of <i>Ephedra rhytidosperma</i> , a species endemic to China: Evidence from chloroplast and ribosomal DNA sequences. 2005 , 50, 2901-2904	16
2245	A PCR-based assay for the detection and identification of <i>Pyrenochaeta lycopersici</i> . 2005 , 112, 337-347	19
2244	Reevaluation of the predicted gene structure of <i>Dictyostelium</i> cystatin A3 (cpiC) by nucleotide sequence determination of its cDNA* and its phylogenetic position in the cystatin superfamily. 2005 , 32, 257-64	

2243	Comparison of Mycobacterium tuberculosis isocitrate dehydrogenases (ICD-1 and ICD-2) reveals differences in coenzyme affinity, oligomeric state, pH tolerance and phylogenetic affiliation. 2005 , 6, 20	22
2242	Passatempo virus, a vaccinia virus strain, Brazil. 2005 , 11, 1935-8	88
2241	Tickborne pathogen detection, Western Siberia, Russia. 2005 , 11, 1708-15	116
2240	Polymorphism of the DQA2 gene in goats. 2005 , 83, 963-8	7
2239	Toscana virus in Spain. 2005 , 11, 1701-7	72
2238	Pandemic strain of foot-and-mouth disease virus serotype O. 2005 , 11, 1887-93	115
2237	Pisolithus indicus, a new species of ectomycorrhizal fungus associated with Dipterocarps [corrected] in India. 2005 , 97, 838-43	9
2236	Biogeography of luminous marine ostracod driven irreversibly by the Japan current. 2005 , 22, 1543-5	20
2235	Putative transposases conserved in Exiguobacterium isolates from ancient Siberian permafrost and from contemporary surface habitats. 2005 , 71, 6954-62	23
2234	RAG1 core and V(D)J recombination signal sequences were derived from Transib transposons. 2005 , 3, e181	352
2233	Evolution of Hormone Function: Proglucagon-derived Peptides and Their Receptors. 2005 , 55, 583	16
2232	Natrinema altunense sp. nov., an extremely halophilic archaeon isolated from a salt lake in Altun Mountain in Xinjiang, China. 2005 , 55, 1311-1314	40
2231	Epidemiological and virological characteristics of 2 subgroups of hepatitis B virus genotype C. 2005 , 191, 2022-32	84
2230	Primary sooty mangabey simian immunodeficiency virus and human immunodeficiency virus type 2 nef alleles modulate cell surface expression of various human receptors and enhance viral infectivity and replication. 2005 , 79, 10547-60	38
2229	FoxP2 in song-learning birds and vocal-learning mammals. 2005 , 96, 212-6	44
2228	Haloterrigena saccharevitans sp. nov., an extremely halophilic archaeon from Xin-Jiang, China. 2005 , 55, 2539-2542	25
2227	Application of hepatitis B virus genotyping and phylogenetic analysis in intrafamilial transmission of hepatitis B virus. 2005 , 41, 1576-81	36
2226	Equine and canine Anaplasma phagocytophilum strains isolated on the island of Sardinia (Italy) are phylogenetically related to pathogenic strains from the United States. 2005 , 71, 6418-22	96

2225	Eukaryotic UDP-galactopyranose mutase (GLF gene) in microbial and metazoal pathogens. 2005 , 4, 1147-54	116
2224	Presence of <i>Rickettsia conorii</i> subsp. <i>israelensis</i> , the causative agent of Israeli spotted fever, in Sicily, Italy, ascertained in a retrospective study. 2005 , 43, 6027-31	33
2223	Mutational analysis of the pH signal transduction component PalC of <i>Aspergillus nidulans</i> supports distant similarity to BRO1 domain family members. 2005 , 171, 393-401	27
2222	A novel chimeric gene, <i>siren</i> , with retroposed promoter sequence in the <i>Drosophila bipectinata</i> complex. 2005 , 171, 1719-27	16
2221	Yunnan orbivirus, a new orbivirus species isolated from <i>Culex tritaeniorhynchus</i> mosquitoes in China. 2005 , 86, 3409-3417	62
2220	Functional characterization of JMJD2A, a histone deacetylase- and retinoblastoma-binding protein. 2005 , 280, 28507-18	105
2219	Cytochrome B Sequences Show Subdivision between Populations of the Brown Howler Monkey (<i>Alouatta guariba</i>) from Rio de Janeiro and Santa Catarina, Brazil. 2005 , 13, 16	11
2218	Noroviruses as a cause of traveler's diarrhea among students from the United States visiting Mexico. 2005 , 43, 6126-9	63
2217	GLOBAL POPULATION GENETIC STRUCTURE AND BIOGEOGRAPHY OF THE OCEANIC COPEPODS <i>EUCALANUS HYALINUS</i> AND <i>E. SPINIFER</i> . 2005 , 59, 2378	8
2216	Multi-virulence-locus sequence typing clarifies epidemiology of recent listeriosis outbreaks in the United States. 2005 , 43, 5291-4	53
2215	Eyeshine and spectral tuning of long wavelength-sensitive rhodopsins: no evidence for red-sensitive photoreceptors among five Nymphalini butterfly species. 2005 , 208, 687-96	38
2214	Structural and functional divergence of MutS2 from bacterial MutS1 and eukaryotic MSH4-MSH5 homologs. 2005 , 187, 3528-37	51
2213	Use of phylogenetic and phenotypic analyses to identify nonhemolytic streptococci isolated from bacteremic patients. 2005 , 43, 6073-85	126
2212	Evolution of new hormone function: loss and gain of a receptor. 2005 , 96, 205-11	35
2211	V-ATPase expression during development of <i>Artemia franciscana</i> embryos: potential role for proton gradients in anoxia signaling. 2005 , 208, 2783-98	20
2210	<i>Halobiforma lacisalsi</i> sp. nov., isolated from a salt lake in China. 2005 , 55, 1949-1952	22
2209	Chromatin immunoprecipitation cloning reveals rapid evolutionary patterns of centromeric DNA in <i>Oryza</i> species. 2005 , 102, 11793-8	155
2208	The remarkable conservation of corticotropin-releasing hormone (CRH)-binding protein in the honeybee (<i>Apis mellifera</i>) dates the CRH system to a common ancestor of insects and vertebrates. 2005 , 146, 2165-70	60

2207	Evolutionary diversification of DNA methyltransferases in eukaryotic genomes. 2005 , 22, 1119-28	104
2206	Weighted least-squares likelihood ratio test for branch testing in phylogenies reconstructed from distance measures. 2005 , 54, 218-29	20
2205	Cold shock of a hyperthermophilic archaeon: <i>Pyrococcus furiosus</i> exhibits multiple responses to a suboptimal growth temperature with a key role for membrane-bound glycoproteins. 2005 , 187, 336-48	64
2204	Whole genome sequence of <i>Staphylococcus saprophyticus</i> reveals the pathogenesis of uncomplicated urinary tract infection. 2005 , 102, 13272-7	192
2203	Discovery of the principal specific transcription factors of Apicomplexa and their implication for the evolution of the AP2-integrase DNA binding domains. 2005 , 33, 3994-4006	341
2202	Survey of bovine enterovirus in biological and environmental samples by a highly sensitive real-time reverse transcription-PCR. 2005 , 71, 3536-43	70
2201	Natural selection drives recurrent formation of activating killer cell immunoglobulin-like receptor and Ly49 from inhibitory homologues. 2005 , 201, 1319-32	187
2200	Analysis of polymorphism of 18S rRNA gene in <i>Wuchereria bancrofti</i> microfilariae. 2005 , 49, 909-14	4
2199	<i>Halomonas almeriensis</i> sp. nov., a moderately halophilic, exopolysaccharide-producing bacterium from Cabo de Gata, Almería, south-east Spain. 2005 , 55, 2007-2011	40
2198	Variable lymphocyte receptors in hagfish. 2005 , 102, 9224-9	169
2197	<i>Alteromonas hispanica</i> sp. nov., a polyunsaturated-fatty-acid-producing, halophilic bacterium isolated from Fuente de Piedra, southern Spain. 2005 , 55, 2385-2390	44
2196	Two hybridization events define the population structure of <i>Trypanosoma cruzi</i> . 2005 , 171, 527-43	190
2195	Broad cross-clade T-cell responses to gag in individuals infected with human immunodeficiency virus type 1 non-B clades (A to G): importance of HLA anchor residue conservation. 2005 , 79, 11247-58	38
2194	Progressive proximal expansion of the primate X chromosome centromere. 2005 , 102, 10563-8	69
2193	Characterization of two avian MHC-like genes reveals an ancient origin of the CD1 family. 2005 , 102, 8674-9	91
2192	Diverse DNA transposons in rotifers of the class Bdelloidea. 2005 , 102, 11781-6	62
2191	Medaka receptors for somatolactin and growth hormone: phylogenetic paradox among fish growth hormone receptors. 2005 , 171, 1875-83	60
2190	Characterization and genetic variability of Hepatitis A virus genotype IIIA. 2005 , 86, 2739-2745	28

2189	Variation of the <i>Mycobacterium tuberculosis</i> PE_PGRS 33 gene among clinical isolates. 2005 , 43, 4954-60	59
2188	Macroarray analysis of coelomocyte gene expression in response to LPS in the sea urchin. Identification of unexpected immune diversity in an invertebrate. 2005 , 22, 33-47	132
2187	Cloning and characterization of cDNAs encoding steroidogenic acute regulatory protein from freshwater stingrays (<i>Potamotrygon</i> spp.). 2005 , 35, 557-69	21
2186	The murine orthologue of human antichymotrypsin: a structural paradigm for clade A3 serpins. 2005 , 280, 43168-78	76
2185	Statistical signals in bioinformatics. 2005 , 102, 13355-62	25
2184	<i>Silvimonas terrae</i> gen. nov., sp. nov., a novel chitin-degrading facultative anaerobe belonging to the 'Betaproteobacteria'. 2005 , 55, 2329-2332	29
2183	<i>Palleronia marismenoris</i> gen. nov., sp. nov., a moderately halophilic, exopolysaccharide-producing bacterium belonging to the 'Alphaproteobacteria', isolated from a saline soil. 2005 , 55, 2525-2530	39
2182	Pig anelloviruses are highly prevalent in swine herds in France. 2005 , 86, 631-635	80
2181	Intracellular screen to identify metagenomic clones that induce or inhibit a quorum-sensing biosensor. 2005 , 71, 6335-44	171
2180	Characterization of a thermoacidophilic L-arabinose isomerase from <i>Alicyclobacillus acidocaldarius</i> : role of Lys-269 in pH optimum. 2005 , 71, 7888-96	82
2179	NADP-malate dehydrogenase gene evolution in <i>Andropogoneae</i> (Poaceae): gene duplication followed by sub-functionalization. 2005 , 96, 1307-14	24
2178	Ascariasis is a zoonosis in denmark. 2005 , 43, 1142-8	113
2177	Genetic variability among serotype G4 Italian human rotaviruses. 2005 , 43, 1420-5	46
2176	Gene conversion drives the evolution of HINTW, an ampliconic gene on the female-specific avian W chromosome. 2005 , 22, 1992-9	51
2175	Genetic Differentiation of Whitefly <i>Bemisia tabaci</i> Mitochondrial Cytochrome Oxidase I, and Phylogeographic Concordance with the Coat Protein of the Plant Virus Genus <i>Begomovirus</i> . 2005 , 98, 827-837	36
2174	DNA barcoding Australia's fish species. 2005 , 360, 1847-57	2179
2173	A cluster of hepatitis C virus infections associated with ozone-enriched transfusion of autologous blood in Rome, Italy. 2005 , 26, 762-7	5
2172	Transferability of wheat microsatellites to diploid <i>Aegilops</i> species and determination of chromosomal localizations of microsatellites in the S genome. 2005 , 48, 959-70	32

2171	Retrotransposon accumulation and satellite amplification mediated by segmental duplication facilitate centromere expansion in rice. 2006 , 16, 251-9	72
2170	APOBEC4, a new member of the AID/APOBEC family of polynucleotide (deoxy)cytidine deaminases predicted by computational analysis. 2005 , 4, 1281-5	106
2169	Identification and characterization of tandem repeats in exon III of dopamine receptor D4 (DRD4) genes from different mammalian species. 2005 , 24, 795-804	10
2168	Nucleotide diversity and linkage disequilibrium in cold-hardiness- and wood quality-related candidate genes in Douglas fir. 2005 , 171, 2029-41	132
2167	A multidomain fusion protein in <i>Listeria monocytogenes</i> catalyzes the two primary activities for glutathione biosynthesis. 2005 , 187, 3839-47	83
2166	Polyphasic taxonomy of <i>Aspergillus fumigatus</i> and related species. 2005 , 97, 1316-29	248
2165	Proanthocyanidin synthesis and expression of genes encoding leucoanthocyanidin reductase and anthocyanidin reductase in developing grape berries and grapevine leaves. 2005 , 139, 652-63	352
2164	Molecular phylogeny and divergence times of deuterostome animals. 2005 , 22, 2275-84	346
2163	Identification and molecular characterization of three GnRH ligands and five GnRH receptors in the spotted green pufferfish. 2005 , 242, 67-79	35
2162	Application of multiple DNA fingerprinting techniques to study the genetic relationships among three members of the subgenus <i>Trypanozoon</i> (Protozoa: Trypanosomatidae). 2005 , 19, 400-7	16
2161	A new hyperpolarization-activated, cyclic nucleotide-gated channel from sea urchin sperm flagella. 2005 , 334, 96-101	33
2160	Differential HSP70 gene expression in the Mediterranean mussel exposed to various stressors. 2005 , 336, 1157-63	157
2159	Duplicated cytoglobin genes in teleost fishes. 2005 , 337, 216-23	38
2158	Transcriptional regulation and O-GlcNAcylation activity of zebrafish OGT during embryogenesis. 2005 , 337, 256-63	15
2157	BmCbZ, an insect-specific factor featuring a composite DNA-binding domain, interacts with BmC/EBPgamma. 2005 , 338, 1957-65	11
2156	Molecular cloning, characterization and expression analysis of QM gene from grass carp (<i>Ctenopharyngodon idellus</i>) homologous to Wilms' tumor suppressor. 2005 , 141, 356-65	21
2155	New metallothionein mRNAs in <i>Gobio gobio</i> reveal at least three gene duplication events in cyprinid metallothionein evolution. 2005 , 140, 347-55	11
2154	<i>Leishmania major</i> thialysine Nepsilon-acetyltransferase: identification of amino acid residues crucial for substrate binding. 2005 , 579, 5347-52	9

2153	Identification of voltage-dependent Ca ²⁺ channels in sea urchin sperm. 2005 , 579, 6667-72	38
2152	Organisation of the lamprey (<i>Lampetra fluviatilis</i>) embryonic brain: insights from LIM-homeodomain, Pax and hedgehog genes. 2005 , 288, 100-12	106
2151	Endodermal expression of Nkx6 genes depends differentially on Pdx1. 2005 , 288, 487-501	59
2150	Connecting the navigational clock to sun compass input in monarch butterfly brain. 2005 , 46, 457-67	148
2149	<i>Bacillus axarquiensis</i> sp. nov. and <i>Bacillus malacitensis</i> sp. nov., isolated from river-mouth sediments in southern Spain. 2005 , 55, 1279-1285	23
2148	Evidence of balancing selection at the HLA-G promoter region. 2005 , 14, 3619-28	137
2147	Molecular characterization and expression of the UV opsin in bumblebees: three ommatidial subtypes in the retina and a new photoreceptor organ in the lamina. 2005 , 208, 2347-61	70
2146	Strategically examining the full-genome of dengue virus type 3 in clinical isolates reveals its mutation spectra. 2005 , 2, 72	41
2145	Mimivirus relatives in the Sargasso sea. 2005 , 2, 62	83
2144	Nucleotide mismatches between the VP7 gene and the primer are associated with genotyping failure of a specific lineage from G1 rotavirus strains. 2006 , 3, 35	18
2143	Multiple independent evolutionary solutions to core histone gene regulation. 2006 , 7, R122	37
2142	Patterns of sequence conservation in presynaptic neural genes. 2006 , 7, R105	19
2141	Ancient genomic architecture for mammalian olfactory receptor clusters. 2006 , 7, R88	43
2140	Identification, characterization and comparative genomics of chimpanzee endogenous retroviruses. 2006 , 7, R51	39
2139	Molecular phylogeny of <i>Babesia poeala</i> from brown boobies (<i>Sula leucogaster</i>) from Johnston Atoll, central Pacific. 2006 , 92, 423-5	24
2138	<i>Pleomorphomonas koreensis</i> sp. nov., a nitrogen-fixing species in the order Rhizobiales. 2006 , 56, 1663-1666	39
2137	PHYLOGENETICS OF SMALL HORSESHOE BATS FROM EAST ASIA BASED ON MITOCHONDRIAL DNA SEQUENCE VARIATION. 2006 , 87, 1234-1240	42
2136	Systematic position and relationships of <i>Paracreptotrematina limi</i> , based on partial sequences of 28S rRNA and cytochrome c oxidase subunit 1 genes. 2006 , 92, 411-3	16

2135	Varying signals of the effects of natural selection during teleost growth hormone gene evolution. 2006 , 49, 42-53	10
2134	Receptor-binding protein of <i>Lactococcus lactis</i> phages: identification and characterization of the saccharide receptor-binding site. 2006 , 188, 2400-10	95
2133	Distribution and phylogeny of Penelope-like elements in eukaryotes. 2006 , 55, 875-85	46
2132	Invasion of an asexual American water flea clone throughout Africa and rapid displacement of a native sibling species. 2006 , 273, 2839-44	103
2131	The natural history of the WRKY-GCM1 zinc fingers and the relationship between transcription factors and transposons. 2006 , 34, 6505-20	130
2130	Antimicrobial compounds produced by <i>Actinomadura</i> sp. AC104 isolated from an Algerian Saharan soil. 2006 , 52, 373-82	25
2129	Molecular epizootiology of avian infectious bronchitis in Russia. 2006 , 35, 379-93	80
2128	Development of a method for the genetic identification of mussel species belonging to <i>Mytilus</i> , <i>Perna</i> , <i>Aulacomya</i> , and other genera. 2006 , 54, 8461-70	79
2127	BALANCING SELECTION, RANDOM GENETIC DRIFT, AND GENETIC VARIATION AT THE MAJOR HISTOCOMPATIBILITY COMPLEX IN TWO WILD POPULATIONS OF GUPPIES (<i>POECILIA RETICULATA</i>). 2006 , 60, 2562	103
2126	Molecular cloning and expression of the duplicated thyroid hormone responsive spot 14 (THRSP) genes in ducks. 2006 , 85, 1746-54	11
2125	Genomic organization of the sex-determining and adjacent regions of the sex chromosomes of medaka. 2006 , 16, 815-26	117
2124	Notes on New World <i>Persicargas</i> ticks (Acari: Argasidae) with description of female <i>Argas</i> (P.) <i>keiransi</i> . 2006 , 43, 801-9	4
2123	Biochemical and genomic analysis of sucrose metabolism during coffee (<i>Coffea arabica</i>) fruit development. 2006 , 57, 3243-58	78
2122	Heterogeneous but conserved natural killer receptor gene complexes in four major orders of mammals. 2006 , 103, 3192-7	74
2121	Beauty in the eye of the beholder: the two blue opsins of lycaenid butterflies and the opsin gene-driven evolution of sexually dimorphic eyes. 2006 , 209, 3079-90	76
2120	Retrotransposon-based S-SAP as a platform for the analysis of genetic variation and linkage in globe artichoke. 2006 , 49, 1149-59	14
2119	HIV Type 1 molecular epidemiology in cuba: high genetic diversity, frequent mosaicism, and recent expansion of BG intersubtype recombinant forms. 2006 , 22, 724-33	40
2118	Cloning and sequence analysis of ornithine decarboxylase gene fragments from the Ascomycota. 2006 , 17, 231-6	4

2117	Genomic organization, nucleotide sequence analysis of the core histone genes cluster in <i>Chlamys farreri</i> and molecular evolution assessment of the H2A and H2B. 2006 , 17, 440-51	9
2116	Analysis of HIV type 1 diversity in pregnant women from four Latin American and Caribbean countries. 2006 , 22, 1186-91	21
2115	From population to species: morphological and molecular diversity in east African stem borer species of the genus <i>Manga</i> Bowden 1956 (Lepidoptera: Noctuidae). 2006 , 42, 293-307	13
2114	<i>Clostridium aldenense</i> sp. nov. and <i>Clostridium citroniae</i> sp. nov. isolated from human clinical infections. 2006 , 44, 2416-22	44
2113	Detection and characterization of avian leukosis virus in Marek's disease vaccines. 2006 , 50, 209-15	43
2112	<i>Burkholderia oklahomensis</i> sp. nov., a <i>Burkholderia pseudomallei</i> -like species formerly known as the Oklahoma strain of <i>Pseudomonas pseudomallei</i> . 2006 , 56, 2171-2176	53
2111	Cloning of putative uncoupling protein 1 cDNA in a cold-intolerant mammal, the house musk shrew (<i>Suncus murinus</i>). 2006 , 23, 1009-15	3
2110	Detection of a malaria parasite (<i>Plasmodium mexicanum</i>) in ectoparasites (mites and ticks), and possible significance for transmission. 2006 , 92, 413-5	16
2109	A new parvicapsulid (Myxosporea) species in adult pink salmon, <i>Oncorhynchus gorbuscha</i> , from the Quinsam River, British Columbia, Canada. 2006 , 92, 1313-8	13
2108	Comment on "Population size does not influence mitochondrial genetic diversity in animals". 2006 , 314, 1390	53
2107	Identification and characterization of NBS-LRR class resistance gene analogs in faba bean (<i>Vicia faba</i> L.) and chickpea (<i>Cicer arietinum</i> L.). 2006 , 49, 1227-37	38
2106	DNA barcodes distinguish species of tropical Lepidoptera. 2006 , 103, 968-71	977
2105	<i>Tepidicella xavieri</i> gen. nov., sp. nov., a betaproteobacterium isolated from a hot spring runoff. 2006 , 56, 907-912	15
2104	Genetic population structure of the soil bacterium <i>Myxococcus xanthus</i> at the centimeter scale. 2006 , 72, 3615-25	76
2103	<i>Micromonas pusilla</i> reovirus: a new member of the family Reoviridae assigned to a novel proposed genus (<i>Mimoreovirus</i>). 2006 , 87, 1375-1383	49
2102	Significant positive correlation between the recombination rate and GC content in the human pseudoautosomal region. 2006 , 49, 413-9	10
2101	Risk factors associated with <i>Cryptosporidium</i> infection on dairy farms in a New York State watershed. 2006 , 89, 4229-36	11
2100	Comparative analysis of eubacterial DNA polymerase III alpha subunits. 2006 , 4, 203-11	27

2099	Prevalence of BK virus subtype I in Germany. 2006 , 78, 1588-98	48
2098	Computational identification of novel PR-1-type genes in <i>Oryza sativa</i> . 2006 , 85, 193-8	21
2097	Variable molecular clocks in hominoids. 2006 , 103, 1370-5	77
2096	Molecular identification and phylogenetic analysis of baculoviruses from Lepidoptera. 2006 , 346, 180-93	181
2095	The C2H2 zinc finger genes of <i>Strongylocentrotus purpuratus</i> and their expression in embryonic development. 2006 , 300, 108-20	82
2094	A novel salmonid myoD gene is distinctly regulated during development and probably arose by duplication after the genome tetraploidization. 2006 , 580, 4996-5002	27
2093	Cloning, expression and identification of ferritin from Chinese shrimp, <i>Fenneropenaeus chinensis</i> . 2006 , 125, 173-84	71
2092	Cell-associated alpha-amylases of butyrate-producing Firmicute bacteria from the human colon. 2006 , 152, 3281-3290	65
2091	Molecular epidemiology of HIV Type 1 in Ukraine: birthplace of an epidemic. 2006 , 22, 709-14	42
2090	Increased leptin expression in common Carp (<i>Cyprinus carpio</i>) after food intake but not after fasting or feeding to satiation. 2006 , 147, 5786-97	186
2089	Multi-gene phylogenies and phenotypic characters distinguish two species within the <i>Colletogloeopsis zuluensis</i> complex associated with Eucalyptus stem cankers. 2006 , 55, 133-46	67
2088	Pestalotioid fungi from Restionaceae in the Cape Floral Kingdom. 2006 , 55, 175-87	31
2087	Molecular population genetics of the gene encoding the human fertilization protein zonadhesin reveals rapid adaptive evolution. 2006 , 79, 820-30	41
2086	Alkenone producers inferred from well-preserved 18S rDNA in Greenland lake sediments. 2006 , 111,	32
2085	Biological studies and molecular characterization of a <i>Cryptosporidium</i> isolate from ostriches (<i>Struthio camelus</i>). 2006 , 92, 623-6	46
2084	MultiSeq: unifying sequence and structure data for evolutionary analysis. 2006 , 7, 382	281
2083	Characterization of HIV-1 subtype C envelope glycoproteins from perinatally infected children with different courses of disease. 2006 , 3, 73	43
2082	Diverse bacterial genomes encode an operon of two genes, one of which is an unusual class-I release factor that potentially recognizes atypical mRNA signals other than normal stop codons. 2006 , 1, 28	22

2081	Genetic combinations of symbionts in a vegetatively reproducing lichen, <i>Parmotrema tinctorum</i> , based on ITS rDNA sequences. 2006 , 109, 43-59	59
2080	Range size: disentangling current traits and phylogenetic and biogeographic factors. 2006 , 167, 555-67	105
2079	Taxonomic implications from phylogenetic relationships of subspecies of <i>Schizopygopsis malacanthus</i> (Pisces: Cyprinidae) based on sequence analysis of cytochrome b and mitochondrial DNA control region. 2006 , 40, 2569-2576	11
2078	The evolution of adaptive immunity. 2006 , 24, 497-518	361
2077	Karyotype differentiation in Chromaphyosemion killifishes (Cyprinodontiformes, Nothobranchiidae). II: cytogenetic and mitochondrial DNA analyses demonstrate karyotype differentiation and its evolutionary direction in <i>C. riggenbachi</i> . 2006 , 115, 70-83	14
2076	Genetic diversity of plant virus populations: towards hypothesis testing in molecular epidemiology. 2006 , 67, 49-87	42
2075	Occurrence and recent long-distance dispersal of deep-sea hydrothermal vent shrimps. 2006 , 2, 257-60	31
2074	Isolation and genetic diversity of endangered grey nurse shark (<i>Carcharias taurus</i>) populations. 2006 , 2, 308-11	53
2073	The emerging amphibian pathogen <i>Batrachochytrium dendrobatidis</i> globally infects introduced populations of the North American bullfrog, <i>Rana catesbeiana</i> . 2006 , 2, 455-9	224
2072	Mid-Pleistocene divergence of Cuban and North American ivory-billed woodpeckers. 2006 , 2, 466-9	35
2071	Typing of intimin (eae) genes from enteropathogenic <i>Escherichia coli</i> (EPEC) isolated from children with diarrhoea in Montevideo, Uruguay: identification of two novel intimin variants (muB and xiR/beta2B). 2006 , 55, 1165-1174	64
2070	Distribution and evolution of genetic caste determination in <i>Pogonomyrmex</i> seed-harvester ants. 2006 , 87, 2171-84	44
2069	A New Species of Nototheniid (Perciformes: Notothenioidei) Fish from Mcmurdo Sound, Antarctica. 2006 , 2006, 752-759	17
2068	Genetic diversity, reproductive biology, and speciation in the entomopathogenic fungus <i>Beauveria bassiana</i> (Balsamo) Vuillemin. 2006 , 49, 495-504	24
2067	<i>Chryseobacterium taiwanense</i> sp. nov., isolated from soil in Taiwan. 2006 , 56, 1771-1776	47
2066	Genetic relationships of <i>Aeromonas</i> strains inferred from 16S rRNA, <i>gyrB</i> and <i>rpoB</i> gene sequences. 2006 , 56, 2743-2751	99
2065	<i>Tenacibaculum litoreum</i> sp. nov., isolated from tidal flat sediment. 2006 , 56, 635-640	42
2064	Types and rates of sequence evolution at the high-molecular-weight glutenin locus in hexaploid wheat and its ancestral genomes. 2006 , 174, 1493-504	79

2063	Infectivity variation and genetic diversity among strains of Western equine encephalitis virus. 2006 , 87, 2353-2361	38
2062	Structural basis for dual functionality of isoflavonoid O-methyltransferases in the evolution of plant defense responses. 2006 , 18, 3656-69	62
2061	Application of SmartGene IDNS software to partial 16S rRNA gene sequences for a diverse group of bacteria in a clinical laboratory. 2006 , 44, 4400-6	68
2060	A chromoplast-specific carotenoid biosynthesis pathway is revealed by cloning of the tomato white-flower locus. 2006 , 18, 1947-60	176
2059	Exophiala crusticola anam. nov. (affinity Herpotrichiellaceae), a novel black yeast from biological soil crusts in the Western United States. 2006 , 56, 2697-2702	26
2058	Molecular evidence for the broad distribution of anaerobic ammonium-oxidizing bacteria in freshwater and marine sediments. 2006 , 72, 6829-32	229
2057	A novel arsenate reductase from the arsenic hyperaccumulating fern <i>Pteris vittata</i> . 2006 , 141, 1544-54	192
2056	Microbial dioxygenase gene population shifts during polycyclic aromatic hydrocarbon biodegradation. 2006 , 72, 4078-87	101
2055	Greengenes, a chimera-checked 16S rRNA gene database and workbench compatible with ARB. 2006 , 72, 5069-72	7556
2054	Mitochondrial DNA diversity of broodstock of two indigenous mahseer species, <i>Tor tambroides</i> and <i>T. douronensis</i> (Cyprinidae) cultured in Sarawak, Malaysia. 2006 , 253, 259-269	35
2053	Bacterial diversity in a marine hatchery: Balance between pathogenic and potentially probiotic bacterial strains. 2006 , 256, 50-73	99
2052	Candidatus <i>Xenohaliotis californiensis</i> and <i>Haplosporidium montforti</i> associated with mortalities of abalone <i>Haliotis tuberculata</i> cultured in Europe. 2006 , 258, 63-72	29
2051	<i>Mugil curema</i> in Argentinean waters: Combined morphological and molecular approach. 2006 , 261, 473-478	20
2050	Impact of heavy metals and organochlorines on hsp70 and hsc70 gene expression in black sea bream fibroblasts. 2006 , 79, 9-15	51
2049	<i>Paragonimus heterotremus</i> Chen and Hsia (1964), in Vietnam: a molecular identification and relationships of isolates from different hosts and geographical origins. 2006 , 98, 25-33	33
2048	Phylogeography of human lymphatic filarial parasite, <i>Wuchereria bancrofti</i> in India. 2006 , 98, 297-304	27
2047	Identification, sequencing and expression of peroxidoxin genes from <i>Leishmania aethiopica</i> . 2006 , 99, 88-96	14
2046	<i>Acanthamoeba</i> isolates belonging to T1, T2, T3, T4 and T7 genotypes from environmental freshwater samples in the Nile Delta region, Egypt. 2006 , 100, 63-9	65

2045	The evolution and diversification of Dicers in plants. 2006 , 580, 2442-50	231
2044	Mycobacterial adenylyl cyclases: biochemical diversity and structural plasticity. 2006 , 580, 3344-52	44
2043	Reconstruction and in silico analysis of the MAPK signaling pathways in the human blood fluke, <i>Schistosoma japonicum</i> . 2006 , 580, 3677-86	21
2042	Protein-based phylogenetic analysis by using hydropathy profile of amino acids. 2006 , 580, 5321-7	19
2041	Gene duplication event in family 12 glycosyl hydrolase from <i>Phytophthora</i> spp. 2006 , 43, 707-14	23
2040	Microsatellite DNA variation indicates low levels of genetic differentiation among cuttlefish (<i>Sepia officinalis</i> L.) populations in the English Channel and the Bay of Biscay. 2006 , 1, 375-83	9
2039	Evolution of the vertebrate glucose-dependent insulinotropic polypeptide (GIP) gene. 2006 , 1, 385-95	15
2038	Identification and characterization of an interleukin-15 homologue from <i>Tetraodon nigroviridis</i> . 2006 , 143, 335-43	21
2037	The Immunoglobulin G Heavy Chain (IGHG) genes of the Atlantic bottlenose dolphin, <i>Tursiops truncatus</i> . 2006 , 144, 38-46	5
2036	Cloning, characterization and expression analysis of two <i>Tetraodon nigroviridis</i> interleukin-16 isoform genes. 2006 , 144, 159-66	22
2035	Characterization of cDNAs encoding cholesterol side chain cleavage and 3 β -hydroxysteroid dehydrogenase in the freshwater stingray <i>Potamotrygon motoro</i> . 2006 , 145, 306-17	9
2034	Purification of a lysozyme from skin secretions of <i>Bufo andrewsi</i> . 2006 , 142, 46-52	15
2033	Isolation of novel bacteria able to degrade alpha-halocarboxylic acids by enrichment from environmental samples. 2006 , 64, 848-55	8
2032	Sequential O-methylation of tricetin by a single gene product in wheat. 2006 , 1760, 1115-24	52
2031	Cloning of a sea urchin sarco/endoplasmic reticulum Ca ²⁺ ATPase. 2006 , 339, 443-9	14
2030	Efficient amplification and cloning of near full-length hepatitis C virus genome from clinical samples. 2006 , 346, 1163-72	15
2029	Novel epididymal protease inhibitors with Kazal or WAP family domain. 2006 , 349, 245-54	38
2028	Cloning, embryonic expression, and functional characterization of two novel connexins from <i>Xenopus laevis</i> . 2006 , 349, 855-62	5

2027	Identification and analysis of the mouse basic/Helix-Loop-Helix transcription factor family. 2006 , 350, 648-56		18
2026	Cytoprotective responses in the Mediterranean mussel exposed to Hg ²⁺ and CH ₃ Hg ⁺ . 2006 , 351, 719-25		37
2025	Species identification in salted products of red snappers by semi-nested PCR-RFLP based on the mitochondrial 12S rRNA gene sequence. 2006 , 17, 557-563		21
2024	Molecular cloning, characterization and expression analysis of grass carp (<i>Ctenopharyngodon idellus</i>) NF45 (ILF2) cDNA, a subunit of the nuclear factor of activated T-cells (NF-AT). <i>Fish and Shellfish Immunology</i> , 2006 , 21, 385-92	4-3	13
2023	Identification, cloning and characterization of interleukin-17 and its family from zebrafish. <i>Fish and Shellfish Immunology</i> , 2006 , 21, 393-403	4-3	97
2022	Duplication and extensive remodeling shaped POTE family genes encoding proteins containing ankyrin repeat and coiled coil domains. 2006 , 366, 238-45		33
2021	The complete set of ribosomal proteins from the marine sponge <i>Suberites domuncula</i> . 2006 , 366, 275-84		25
2020	Molecular and evolutionary characterization of the GnRH-II gene in the chicken: distinctive genomic organization, expression pattern, and precursor sequence. 2006 , 368, 28-36		21
2019	Plasmids in the aphid endosymbiont <i>Buchnera aphidicola</i> with the smallest genomes. A puzzling evolutionary story. 2006 , 370, 17-25		34
2018	Genetic variation of a disintegrin gene found in the American copperhead snake (<i>Agkistrodon contortrix</i>). 2006 , 373, 1-7		11
2017	Functional characterization of visual opsin repertoire in Medaka (<i>Oryzias latipes</i>). 2006 , 371, 268-78		115
2016	Two families of non-LTR retrotransposons, <i>Syrinx</i> and <i>Daphne</i> , from the Darwinulid ostracod, <i>Darwinula stevensoni</i> . 2006 , 371, 296-307		16
2015	Characterization of a human Bid homologue protein from <i>Gallus gallus</i> . 2006 , 372, 26-32		2
2014	Ancient positive selection on CD155 as a possible cause for susceptibility to poliovirus infection in simians. 2006 , 373, 16-22		6
2013	The mitochondrial genome of the smaller tea tortrix <i>Adoxophyes honmai</i> (Lepidoptera: Tortricidae). 2006 , 373, 52-7		116
2012	Multiple occurrences of spiggin genes in sticklebacks. 2006 , 373, 58-66		14
2011	Ancient expansion of the ribonuclease A superfamily revealed by genomic analysis of placental and marsupial mammals. 2006 , 373, 116-25		26
2010	A sodium bicarbonate transporter from sea urchin spermatozoa. 2006 , 375, 37-43		8

2009	Bovine seminal plasma proteins and their relatives: A new expanding superfamily in mammals. 2006 , 375, 63-74	54
2008	Variable SNP density in aspartyl-protease genes of the malaria parasite <i>Plasmodium falciparum</i> . 2006 , 376, 163-73	4
2007	Adaptive selection of mitochondrial complex I subunits during primate radiation. 2006 , 378, 11-8	76
2006	Functional divergence of six isoforms of antifungal peptide Drosomycin in <i>Drosophila melanogaster</i> . 2006 , 379, 26-32	23
2005	Structure and evolution of the mitochondrial control region and flanking sequences in the European cave salamander <i>Proteus anguinus</i> . 2006 , 378, 31-41	40
2004	Characterization of two POU transcription factor family members from the urochordate <i>Oikopleura dioica</i> . 2006 , 383, 1-11	4
2003	Growth hormone locus expands and diverges after the separation of New and Old World Monkeys. 2006 , 380, 38-45	15
2002	Genome-wide analysis of the MADS-box gene family in <i>Populus trichocarpa</i> . 2006 , 378, 84-94	128
2001	FCD1 encoding protein homologous to cellobiose: quinone oxidoreductase in <i>Fusarium oxysporum</i> . 2006 , 382, 100-10	8
2000	Origin and evolution of gene for prolactin-induced protein. 2006 , 383, 64-70	10
1999	Genomic alterations upon integration of zebrafish L1 elements revealed by the TANT method. 2006 , 383, 108-16	7
1998	Analysis of expressed sequence tags from the venom ducts of <i>Conus striatus</i> : focusing on the expression profile of conotoxins. 2006 , 88, 131-40	42
1997	Characterization and expression of a cDNA encoding a tubuliform silk protein of the golden web spider <i>Nephila antipodiana</i> . 2006 , 88, 849-58	26
1996	Mitochondrial phylogeography of a leafminer parasitoid, <i>Diglyphus isaea</i> (Hymenoptera: Eulophidae) in China. 2006 , 38, 380-389	14
1995	The gamma subunit of the eighth complement component (C8) in rainbow trout. 2006 , 30, 485-91	12
1994	Characterization of 23 CC chemokine genes and analysis of their expression in channel catfish (<i>Ictalurus punctatus</i>). 2006 , 30, 783-96	81
1993	Comparative study of the CCF-like pattern recognition protein in different Lumbricid species. 2006 , 30, 765-71	22
1992	Dual function of fish hepcidin: response to experimental iron overload and bacterial infection in sea bass (<i>Dicentrarchus labrax</i>). 2006 , 30, 1156-67	121

1991	Cloning and characterization of the dromedary (<i>Camelus dromedarius</i>) neonatal Fc receptor (drFcRn). 2006 , 30, 1203-15	21
1990	Cloning and characterization of a shrimp clip domain serine protease homolog (c-SPH) as a cell adhesion molecule. 2006 , 30, 1132-44	57
1989	Use of the housekeeping genes, <i>gdh</i> (<i>zwf</i>) and <i>gki</i> , in multilocus sequence typing to differentiate <i>Streptococcus pneumoniae</i> from <i>Streptococcus mitis</i> and <i>Streptococcus oralis</i> . 2006 , 56, 321-4	10
1988	Reduction in channel catfish hepatic growth hormone receptor expression in response to food deprivation and exogenous cortisol. 2006 , 31, 340-56	53
1987	Description of a new species of <i>Dicyphus</i> Fieber (Insecta: Heteroptera: Miridae) from Portugal based on morphological and molecular data. 2006 , 37, 281-300	6
1986	A composite molecular phylogeny of living lemuroid primates. 2006 , 77, 434-45	16
1985	Marine and freshwater cyanophages in a Laurentian Great Lake: evidence from infectivity assays and molecular analyses of <i>g20</i> genes. 2006 , 72, 4957-63	64
1984	The taxonomy and growth of a <i>Cryptocodium</i> species (Dinophyceae) isolated from a brackish-water fish aquarium. 2006 , 28, 185-191	9
1983	Bioinformatic identification and characterization of new members of short-chain dehydrogenase/reductase superfamily. 2006 , 248, 56-60	17
1982	The molecular epidemiology of iridovirus in Murray cod (<i>Maccullochella peelii peelii</i>) and dwarf gourami (<i>Colisa lalia</i>) from distant biogeographical regions suggests a link between trade in ornamental fish and emerging iridoviral diseases. 2006 , 20, 212-22	83
1981	Differential diagnosis of <i>Perkinsus</i> species by polymerase chain reaction-restriction fragment length polymorphism assay. 2006 , 20, 323-9	31
1980	Characterization of an astrovirus genotype 2 strain causing an extensive outbreak of gastroenteritis among Maxakali Indians, Southeast Brazil. 2006 , 37, 287-92	20
1979	Retrospective investigation of patients exposed to possible transmission of hepatitis C virus by a capillary blood glucose meter. 2006 , 63, 65-9	8
1978	Ultrastructural and molecular characterization of <i>Haplosporidium montforti</i> n. sp., parasite of the European abalone <i>Haliotis tuberculata</i> . 2006 , 92, 23-32	30
1977	A new parasite that infects eggs of the mud crab, <i>Scylla serrata</i> , in Australia. 2006 , 93, 54-9	12
1976	Hijacking of a substrate-binding protein scaffold for use in mycobacterial cell wall biosynthesis. 2006 , 359, 983-97	23
1975	Mitochondrial DNA: an important female contribution to thoroughbred racehorse performance. 2006 , 6, 53-63	24
1974	An unexpected discovery of two interferon gamma-like genes along with interleukin (IL)-22 and -26 from teleost: IL-22 and -26 genes have been described for the first time outside mammals. 2006 , 43, 999-1009	186

1973	cDNA cloning and phylogenetic analysis of the sixth complement component in rainbow trout. 2006 , 43, 1080-7	30
1972	Genomic organization, gene duplication, and expression analysis of interleukin-1beta in channel catfish (<i>Ictalurus punctatus</i>). 2006 , 43, 1653-64	65
1971	Analysis of the horse V(H) repertoire and comparison with the human IGHV germline genes, and sheep, cattle and pig V(H) sequences. 2006 , 43, 1836-45	21
1970	Environmental pollution affects genetic diversity in wild bird populations. 2006 , 608, 8-15	47
1969	Regulation of NKG2D ligand gene expression. 2006 , 67, 159-69	92
1968	Sequence analysis of major histocompatibility complex class-II DQB1 (Patr-DQB1) alleles in chimpanzees by polymerase chain reaction-based methods. 2006 , 67, 655-63	2
1967	An annotated catalog of salivary gland transcripts from <i>Ixodes scapularis</i> ticks. 2006 , 36, 111-29	295
1966	MbIDGF, a novel member of the imaginal disc growth factor family in <i>Mamestra brassicae</i> , stimulates cell proliferation in two lepidopteran cell lines without insulin. 2006 , 36, 536-46	18
1965	Cloning and daily expression of the timeless gene in <i>Aedes aegypti</i> (Diptera: Culicidae). 2006 , 36, 878-84	33
1964	A conserved role of <i>Caenorhabditis elegans</i> CDC-48 in ER-associated protein degradation. 2006 , 156, 41-9	30
1963	Ribosomal RNA as molecular barcodes: a simple correlation analysis without sequence alignment. 2006 , 22, 1690-701	32
1962	The long polar fimbriae genes identified in Shiga toxin-producing <i>Escherichia coli</i> are present in other diarrheagenic <i>E. coli</i> and in the standard <i>E. coli</i> collection of reference (ECOR) strains. 2006 , 157, 153-61	28
1961	Characterization of IS1110-like sequences found in <i>Mycobacterium</i> species other than <i>Mycobacterium avium</i> . 2006 , 157, 650-8	2
1960	Genetic variation at ribosomal genes supports the existence of two different European subspecies in the megrim <i>Lepidorhombus whiffiagonis</i> . 2006 , 56, 59-64	7
1959	Molecular cloning and characterization of cDNA encoding CD11b of cattle. 2006 , 110, 349-55	2
1958	Complete sequence and organization of the human adenovirus serotype 46 genome. 2006 , 116, 119-28	8
1957	Progressive truncation of the Non-Structural 1 gene of H7N1 avian influenza viruses following extensive circulation in poultry. 2006 , 119, 171-6	45
1956	Phylogenetic analyses indicate little variation among reticuloendotheliosis viruses infecting avian species, including the endangered Attwater's prairie chicken. 2006 , 119, 187-94	48

1955	Comparative and functional genomics of closteroviruses. 2006 , 117, 38-51	259
1954	Quantitation of hepatitis A virus and enterovirus levels in the lagoon canals and Lido beach of Venice, Italy, using real-time RT-PCR. 2006 , 40, 2387-96	43
1953	Discovery of genes expressed in Hydra embryogenesis. 2006 , 289, 466-81	45
1952	Expression and function of blimp1/krox, an alternatively transcribed regulatory gene of the sea urchin endomesoderm network. 2006 , 293, 513-25	50
1951	Translational control genes in the sea urchin genome. 2006 , 300, 293-307	29
1950	Gene families encoding transcription factors expressed in early development of Strongylocentrotus purpuratus. 2006 , 300, 90-107	114
1949	Identification and characterization of homeobox transcription factor genes in Strongylocentrotus purpuratus, and their expression in embryonic development. 2006 , 300, 74-89	108
1948	The genomic underpinnings of apoptosis in Strongylocentrotus purpuratus. 2006 , 300, 321-34	97
1947	The immune gene repertoire encoded in the purple sea urchin genome. 2006 , 300, 349-65	442
1946	The sea urchin histone gene complement. 2006 , 300, 308-20	19
1945	Sea urchin Forkhead gene family: phylogeny and embryonic expression. 2006 , 300, 49-62	161
1944	Rapid evolution of a recently retroposed transcription factor YY2 in mammalian genomes. 2006 , 87, 348-55	31
1943	Accelerated expansion of group IID-like phospholipase A2 genes in Bos taurus. 2006 , 87, 527-33	11
1942	The genomic sequence and analysis of the swine major histocompatibility complex. 2006 , 88, 96-110	101
1941	Remarkable expansions of an X-linked reproductive homeobox gene cluster in rodent evolution. 2006 , 88, 34-43	31
1940	Diversity, structure, and expression of the gene for p26, a small heat shock protein from Artemia. 2006 , 88, 230-40	28
1939	A wide-range phylogenetic analysis of Zic proteins: implications for correlations between protein structure conservation and body plan complexity. 2006 , 87, 783-92	63
1938	Diversity and evolution of conotoxins based on gene expression profiling of Conus litteratus. 2006 , 88, 809-819	78

1937	Conserved family of glycerol kinase loci in <i>Drosophila melanogaster</i> . 2006 , 88, 334-45	24
1936	Characterization of NPY receptor subtypes Y2 and Y7 in rainbow trout <i>Oncorhynchus mykiss</i> . 2006 , 27, 1320-7	23
1935	Molecular characterization of insulin-like peptides in the yellow fever mosquito, <i>Aedes aegypti</i> : expression, cellular localization, and phylogeny. 2006 , 27, 2547-60	93
1934	Characterization and tissue distribution of multiple agouti-family genes in pufferfish, <i>Takifugu rubripes</i> . 2006 , 27, 3165-75	35
1933	Tepal formation and expression pattern of B-class paleoAP3-like MADS-box genes in crocus (<i>Crocus sativus</i> L.). 2006 , 170, 238-246	23
1932	Identification and characterization of potato protease inhibitors able to inhibit pathogenicity and growth of <i>Botrytis cinerea</i> . 2006 , 68, 138-148	27
1931	SCORPION2: a database for structure-function analysis of scorpion toxins. 2006 , 47, 356-63	45
1930	Two novel O-superfamily conotoxins from <i>Conus vexillum</i> . 2006 , 47, 425-36	15
1929	CP43-like chlorophyll binding proteins: structural and evolutionary implications. 2006 , 11, 152-8	44
1928	Nomenclature for HKT transporters, key determinants of plant salinity tolerance. 2006 , 11, 372-4	254
1927	Molecular characterization of tickborne relapsing fever <i>Borrelia</i> , Israel. 2006 , 12, 1740-3	39
1926	Genotyping of <i>Chlamydomyces psittaci</i> in human samples. 2006 , 12, 1989-90	52
1925	Genetic relatedness among wild, domestic and Brazilian fighting roosters. 2006 , 8, 83-87	2
1924	H5N1 influenza A virus and infected human plasma. 2006 , 12, 1041-3	58
1923	Genetic diversity of begomoviruses infecting soybean, bean and associated weeds in Northwestern Argentina. 2006 , 31, 342-348	8
1922	Phylogenetic analysis to define feline immunodeficiency virus subtypes in 31 domestic cats in South Africa. 2006 , 77, 108-13	7
1921	Phylogenetic analysis of feline immunodeficiency virus strains from State of Minas Gerais, Brazil. 2006 , 58, 1222-1225	6
1920	Nematode symbiont for <i>Photorhabdus asymbiotica</i> . 2006 , 12, 1562-4	62

1919	Comparative analysis of the paired immunoglobulin-like receptor (PILR) locus in six mammalian genomes: duplication, conversion, and the birth of new genes. 2006 , 27, 201-18	25
1918	Genetic variability of hepatitis A virus strain HAF-203 isolated in Brazil and expression of the VP1 gene in <i>Escherichia coli</i> . 2006 , 101, 759-66	4
1917	Novel human metapneumovirus sublineage. 2006 , 12, 147-50	107
1916	Citrus exocortis viroid and Hop Stunt viroid Doubly infecting grapevines in Brazil. 2006 , 31, 440-446	12
1915	Novel swine influenza virus subtype H3N1, United States. 2006 , 12, 787-94	71
1914	Genotype III Saint Louis encephalitis virus outbreak, Argentina, 2005. 2006 , 12, 1752-4	68
1913	From sequences to a functional unit. 2006 , 25, 1-8	1
1912	[NO TITLE AVAILABLE]. 2006 , 29, 215-219	19
1911	[Molecular characterization of HTLV-1 among patients with tropical spastic paraparesis/HTLV-1 associated myelopathy in Bel^ m, Par^ ¶] 2006 , 39, 504-6	6
1910	Purification and partial characterization of an antimicrobial peptide produced by <i>Bacillus</i> sp. strain P45, a bacterium from the Amazon basin fish <i>Piaractus mesopotamicus</i> . 2006 , 52, 357-63	21
1909	Intraspecific variation in the first internal transcribed spacer (ITS1) of the nuclear ribosomal DNA in <i>Melipona subnitida</i> (Hymenoptera, Apidae), an endemic stingless bee from northeastern Brazil. 2006 , 37, 376-386	10
1908	Population genetic structure of the dengue mosquito <i>Aedes aegypti</i> in Venezuela. 2006 , 101, 625-33	34
1907	Noninvasive genetic sampling of endangered miqui (Primates, Atelidae): efficiency of fecal DNA extraction. 2006 , 29, 750-754	5
1906	Streptococcal toxic shock syndrome caused by <i>Streptococcus suis</i> serotype 2. 2006 , 3, e151	258
1905	Molecular adaptation during adaptive radiation in the Hawaiian endemic genus <i>Schiedea</i> . 2006 , 1, e8	36
1904	Distribution, structure and diversity of "bacterial" genes encoding two-component proteins in the Euryarchaeota. 2006 , 2, 11-30	25
1903	Why G Protein-coupled Receptors Databases are Needed. 2006 , 27-49	
1902	Identification of SmtB/ArsR cis elements and proteins in archaea using the Prokaryotic InterGenic Exploration Database (PIGED). 2006 , 2, 39-49	8

1901	Human metapneumovirus infection in hospitalized children with acute respiratory disease in Korea. 2006 , 21, 838-42	25
1900	Genetic characterization of honey bee (<i>Apis mellifera cypria</i>) populations in northern Cyprus. 2006 , 37, 547-555	23
1899	Acute hemorrhagic conjunctivitis and coxsackievirus A24v, Rio de Janeiro, Brazil, 2004. 2006 , 12, 495-7	20
1898	Description of a new <i>Episemion</i> species (Cyprinodontiformes: Nothobranchiidae) from northern Gabon and southeastern Equatorial Guinea. 2006 , 1361, 1	4
1897	GENETIC ANALYSIS FOR CONSERVATION OF <i>AUSTROPOTAMOBIVUS ITALICUS</i> POPULATIONS IN MARCHES REGION (CENTRAL ITALY). 2006 , 991-1000	5
1896	Identification of <i>Phyllosoma</i> Larvae : a Molecular Approach for Japanese <i>Panulirus</i> Lobsters (Crustacea: Decapoda: Palinuridae) Using Mitochondrial rDNA Region. 2006 , 11, 307-325	4
1895	Cloning and characterization of pectate lyases expressed in the esophageal gland of the pine wood nematode <i>Bursaphelenchus xylophilus</i> . 2006 , 19, 280-7	89
1894	Genetic Structure of the Population of Pepino mosaic virus Infecting Tomato Crops in Spain. 2006 , 96, 274-9	75
1893	The Natural Occurrence of Two Distinct Begomoviruses Associated with DNAbeta and a Recombinant DNA in a Tomato Plant from Indonesia. 2006 , 96, 517-25	31
1892	Frequency of <i>Phaeosphaeria nodorum</i> , the Sexual Stage of <i>Stagonospora nodorum</i> , on Winter Wheat in North Carolina. 2006 , 96, 860-6	18
1891	Genetic Relationships Between <i>Cercospora kikuchii</i> Populations from South America and Japan. 2006 , 96, 1000-8	6
1890	Genomics of Viruses. 2006 , 367-388	3
1889	Opinion of the Scientific Panel on Animal Health and Welfare (AHAW) on request from the European Commission related to: Assessing the risk of Foot and Mouth Disease introduction into the EU from developing countries, assessing the reduction of this risk t. 2006 , 4, 313	3
1888	Larval tolerance, gene flow, and the northern geographic range limit of fiddler crabs. 2006 , 87, 2882-94	83
1887	Molecular clock and estimation of species divergence times. 2006 , 223-258	
1886	Unravelling Selection Shifts among Foot-and-Mouth Disease virus (FMDV) Serotypes. 2006 , 2, 117693430600200;	
1885	A new species of <i>Epichloa</i> symbiotic with Chinese grasses. 2006 , 98, 560-570	2
1884	EVOLUTION OF POECIOGONY FROM PLANKTOTROPHY: CRYPTIC SPECIATION, PHYLOGEOGRAPHY, AND LARVAL DEVELOPMENT IN THE GASTROPOD GENUS <i>ALDERIA</i> . 2006 , 60, 2293	18

1883	Prevalence of drug-resistance mutations and non-subtype B strains among HIV-infected infants from New York State. 2006 , 42, 614-9	43
1882	Evolutionary history of HIV-1 subtype B and F infections in Brazil. 2006 , 20, 763-8	35
1881	Identification and characterization of an asparaginyl proteinase (legumain) from the parasitic nematode, <i>Haemonchus contortus</i> . 2006 , 133, 237-44	24
1880	Phylogenetic relations of <i>Rhizoplaca</i> Zopf. from Anatolia inferred from ITS sequence data. 2006 , 61, 405-12	4
1879	Ultrastructure and phylogeny of <i>Philasterides dicentrarchi</i> (Ciliophora, Scuticociliatia) from farmed turbot in NW Spain. 2006 , 132, 555-64	30
1878	The incongruence of nuclear and mitochondrial DNA variation supports conspecificity of the monogenean parasites <i>Gyrodactylus salaris</i> and <i>G. thymalli</i> . 2006 , 133, 639-50	32
1877	The speciation history of the <i>Drosophila nasuta</i> complex. 2006 , 88, 13-26	22
1876	Molecular analysis of HIV strains from a cluster of worker infections in the adult film industry, Los Angeles 2004. 2006 , 20, 923-8	27
1875	Recent evolutionary history of New Zealand's North and South Island Kokako (<i>Callaeas cinerea</i>) inferred from mitochondrial DNA sequences. 2006 , 106, 41-48	9
1874	Phylogeographic structure of a freshwater crayfish (Decapoda:Parastacidae:Cherax preissii) in south-western Australia. 2006 , 57, 837	20
1873	Unexpected diversity displayed in cDNAs expressed by the immune cells of the purple sea urchin, <i>Strongylocentrotus purpuratus</i> . 2006 , 26, 134-44	60
1872	Genome-wide analysis of restriction-modification system in unicellular and filamentous cyanobacteria. 2006 , 24, 181-90	33
1871	An off-seasonal amantadine-resistant H3N2 influenza outbreak in Japan. 2006 , 210, 21-7	25
1870	AFLP Analysis of genetic variation on captive-bred chinese alligators: an application to select individuals for release. 2006 , 25, 479-490	3
1869	Genetic affinities among the lower castes and tribal groups of India: inference from Y chromosome and mitochondrial DNA. 2006 , 7, 42	77
1868	Genotyping faecal samples of Bengal tiger <i>Panthera tigris tigris</i> for population estimation: a pilot study. 2006 , 7, 48	72
1867	Leishmania isoenzyme polymorphisms in Ecuador: relationships with geographic distribution and clinical presentation. 2006 , 6, 139	14
1866	Molecular modeling and characterization of <i>Vibrio cholerae</i> transcription regulator HlyU. 2006 , 6, 24	21

1865	Multilocus sequence typing method for identification and genotypic classification of pathogenic <i>Leptospira</i> species. 2006 , 5, 28	185
1864	Three rounds (1R/2R/3R) of genome duplications and the evolution of the glycolytic pathway in vertebrates. 2006 , 4, 16	92
1863	In silico identification of opossum cytokine genes suggests the complexity of the marsupial immune system rivals that of eutherian mammals. 2006 , 2, 4	38
1862	Prevalence and clinical characteristics of human metapneumovirus infections in hospitalized infants in Spain. 2006 , 41, 863-71	83
1861	Identification of a new subfamily of HNH nucleases and experimental characterization of a representative member, HphI restriction endonuclease. 2006 , 65, 867-76	25
1860	Deduction of functional peptide motifs in scorpion toxins. 2006 , 12, 420-7	9
1859	Interspecific differentiation and intraspecific substructure in two closely related clupeids with extensive hybridization, <i>Alosa alosa</i> and <i>Alosa fallax</i> . 2006 , 69, 242-259	43
1858	Genetic diversity of invasive and native <i>Cichla</i> (Pisces: Perciformes) populations in Brazil with evidence of interspecific hybridization. 2006 , 69, 260-277	28
1857	VICARIANCE AND DISPERSAL EFFECTS ON PHYLOGEOGRAPHIC STRUCTURE AND SPECIATION IN A WIDESPREAD ESTUARINE INVERTEBRATE. 2006 , 60, 257-267	74
1856	Malaria parasites (Apicomplexa, Haematozoa) and their relationships with their hosts: is there an evolutionary cost for the specialization?. 2006 , 44, 265-273	15
1855	Isolation of germline cells from <i>Drosophila</i> embryos by flow cytometry. 2006 , 48, 49-57	31
1854	HLA-A, HLA-B, and HLA-DRB1 alleles and haplotypes in Naxi and Han populations in southwestern China (Yunnan province). 2006 , 67, 38-44	41
1853	Expressed MHC class II genes in sea otters (<i>Enhydra lutris</i>) from geographically disparate populations. 2006 , 67, 402-8	14
1852	Estimation of the species-specific mutation rates at the DRB1 locus in humans and chimpanzee. 2006 , 68, 427-31	2
1851	Comparison of cultivation-dependent and molecular methods for studying the diversity of anoxygenic purple phototrophs in sediments of an eutrophic brackish lagoon. 2006 , 8, 1590-9	25
1850	Prokaryotic diversity and metabolically active microbial populations in sediments from an active mud volcano in the Gulf of Mexico. 2006 , 8, 1783-96	63
1849	<i>Criblamydia sequanensis</i> , a new intracellular Chlamydiales isolated from Seine river water using amoebal co-culture. 2006 , 8, 2125-35	100
1848	Impact of mountain chains, sea straits and peripheral populations on genetic and taxonomic structure of a freshwater turtle, <i>Mauremys leprosa</i> (Reptilia, Testudines, Geoemydidae). 2006 , 35, 97-108	80

1847	AFLPs congruent with morphological differentiation of Asian common minnow <i>Zacco</i> (Pisces: Cyprinidae) in Taiwan. 2006 , 35, 341-351	9
1846	The fulvettas (<i>Alcippe</i> , Timaliidae, Aves): a polyphyletic group. 2006 , 35, 559-566	16
1845	Common pearl oysters in China, Japan, and Australia are conspecific: evidence from ITS sequences and AFLP. 2006 , 72, 1183-1190	11
1844	Characterization of three genes encoding the subunits of light-independent protochlorophyllide reductase in <i>Chlorella protothecoides</i> CS-41. 2006 , 22, 1050-5	10
1843	Molecular subtyping of feline immunodeficiency virus from domestic cats in Australia. 2006 , 84, 112-6	26
1842	Distribution of hepatitis B virus genotypes among patients with chronic infection. 2006 , 26, 636-42	29
1841	Biosynthesis of <i>Wdr16</i> , a marker protein for kinocilia-bearing cells, starts at the time of kinocilia formation in rat, and <i>wdr16</i> gene knockdown causes hydrocephalus in zebrafish. 2007 , 101, 274-88	19
1840	CO1 phylogenies in diploblasts and the Barcoding of Life: are we sequencing a suboptimal partition?. 2006 , 6, 550-553	98
1839	dbEST-derived microsatellite markers in celery (<i>Apium graveolens</i> L. var. dulce). 2006 , 6, 1080-1082	17
1838	A minimalist barcode can identify a specimen whose DNA is degraded. 2006 , 6, 959-964	377
1837	Molecular characterization of microbial communities in fault-bordered aquifers in the Miocene formation of northernmost Japan. 2006 , 4, 203-213	48
1836	Molecular phylogeny of treecreepers (<i>Certhia</i>) detects hidden diversity. 2006 , 148, 477-488	26
1835	Staphylococcal chromosome cassette evolution in <i>Staphylococcus aureus</i> inferred from <i>ccr</i> gene complex sequence typing analysis. 2006 , 12, 1175-84	24
1834	MtDNA diversity of the critically endangered Mekong giant catfish (<i>Pangasianodon gigas</i> Chevey, 1913) and closely related species: implications for conservation. 2006 , 9, 483-494	28
1833	Genome-wide analysis of the structural genes regulating defense phenylpropanoid metabolism in <i>Populus</i> . 2006 , 172, 47-62	222
1832	Assessment of plants from the Brassicaceae family as genetic models for the study of nickel and zinc hyperaccumulation. 2006 , 172, 248-60	59
1831	Developmental origin of shark electrosensory organs. 2006 , 8, 74-80	41
1830	LIFE CYCLE AND SEXUALITY OF THE FRESHWATER RAPIDOPHYTE GONYOSTOMUM SEMEN (RAPIDOPHYCEAE)1. 2006 , 42, 859-871	44

1829	Identification of active bacterial communities in a model drinking water biofilm system using 16S rRNA-based clone libraries. 2006 , 257, 182-8	52
1828	The functional divergence of two glgP homologues in <i>Synechocystis</i> sp. PCC 6803. 2006 , 260, 201-9	36
1827	New genus-specific primers for the PCR identification of novel isolates of the genus <i>Streptomonospora</i> . 2006 , 263, 48-53	12
1826	Identification of the emerging skin pathogen <i>Corynebacterium amycolatum</i> using PCR-amplification of the essential divIVA gene as a target. 2006 , 265, 256-63	18
1825	Dynamics of the IncW genetic backbone imply general trends in conjugative plasmid evolution. 2006 , 30, 942-66	111
1824	Gene duplication and separation of functions in alphaB-crystallin from zebrafish (<i>Danio rerio</i>). 2006 , 273, 481-90	27
1823	Oxidative stress and apoptotic events during thermal stress in the symbiotic sea anemone, <i>Anemonia viridis</i> . 2006 , 273, 4186-98	93
1822	A unique vertebrate histone H1-related protamine-like protein results in an unusual sperm chromatin organization. 2006 , 273, 4548-61	24
1821	<i>Wolbachia</i> in wasps parasitic on filth flies with emphasis on <i>Spalangia cameroni</i> . 2006 , 121, 123-135	19
1820	Diversity and distribution of pigmented heterotrophic bacteria in marine environments. 2006 , 57, 92-105	55
1819	Molecular phylogeny of the Korean <i>Rivellia</i> species (Diptera: Tephritoidea: Platystomatidae) based on 16S rDNA sequences: Testing morphological hypotheses using molecular data. 2006 , 36, 149-154	1
1818	An integrated morphological and molecular approach to a new species description in the Trypanosomatidae: the case of <i>Leptomonas podlipaevi</i> n. sp., a parasite of <i>Boisea rubrolineata</i> (Hemiptera: Rhopalidae). 2006 , 53, 103-11	36
1817	Phylogenetic analysis of <i>Nosema antheraeae</i> (Microsporidia) isolated from Chinese oak silkworm, <i>Antheraea pernyi</i> . 2006 , 53, 310-3	34
1816	Genotypes of <i>Enterocytozoon bienersi</i> in mammals in Portugal. 2006 , 53 Suppl 1, S61-4	61
1815	A multigene family encoding R-SNAREs in the ciliate <i>Paramecium tetraurelia</i> . 2006 , 7, 440-55	30
1814	Phylogeography and post-glacial colonization patterns of the rainbow darter, <i>Etheostoma caeruleum</i> (Teleostei: Percidae). 2006 , 33, 1550-1558	46
1813	Phylogeography, phylogeny and hybridization in trichechid sirenians: implications for manatee conservation. 2006 , 15, 433-47	77
1812	Integrating biogeographic and genetic approaches to investigate the history of bioluminescent colour alleles in the Jamaican click beetle, <i>Pyrophorus plagiophthalmus</i> . 2006 , 15, 1393-404	10

1811	Population structure and inbreeding in a rare and declining bumblebee, <i>Bombus muscorum</i> (Hymenoptera: Apidae). 2006 , 15, 601-11	100
1810	A comparison of variability and population structure for major histocompatibility complex and microsatellite loci in California coastal steelhead (<i>Oncorhynchus mykiss</i> Walbaum). 2006 , 15, 923-37	79
1809	Multiple introductions promote range expansion of the mollusc <i>Cyclope neritea</i> (Nassariidae) in France: evidence from mitochondrial sequence data. 2006 , 15, 1699-711	63
1808	Waves of parthenogenesis in the desert: evidence for the parallel loss of sex in a grasshopper and a gecko from Australia. 2006 , 15, 1743-8	46
1807	Divergence and diversity: lessons from an arctic-alpine distribution (<i>Pardosa saltuaria</i> group, Lycosidae). 2006 , 15, 2921-33	41
1806	Phylogeography of the Percichthyidae (Pisces) in Patagonia: roles of orogeny, glaciation, and volcanism. 2006 , 15, 2949-68	101
1805	Contrasting patterns in genetic diversity following multiple invasions of fresh and brackish waters. 2006 , 15, 3641-53	151
1804	Comparative phylogeography of Ponto-Caspian mysid crustaceans: isolation and exchange among dynamic inland sea basins. 2006 , 15, 2969-84	43
1803	Genetic isolation and divergence in sexual traits: evidence for the northern rockhopper penguin <i>Eudyptes moseleyi</i> being a sibling species. 2006 , 15, 3413-23	42
1802	A phylogeographical study of the Turnip mosaic virus population in East Asia reveals an 'emergent' lineage in Japan. 2006 , 15, 4437-57	71
1801	Ecological factors influence population genetic structure of European grey wolves. 2006 , 15, 4533-53	169
1800	Cryptic speciation in two widespread subterranean amphipod genera reflects historical drainage patterns in an ancient landscape. 2007 , 16, 355-65	96
1799	Characterization and distribution of <i>Pogonomyrmex</i> harvester ant lineages with genetic caste determination. 2007 , 16, 367-87	35
1798	High levels of variation despite genetic fragmentation in populations of the endangered mountain pygmy-possum, <i>Burramys parvus</i> , in alpine Australia. 2007 , 16, 75-87	35
1797	High intercontinental migration rates and population admixture in the sapstain fungus <i>Ophiostoma ips</i> . 2007 , 16, 89-99	30
1796	Genetic connectivity in the Florida reef system: comparative phylogeography of commensal invertebrates with contrasting reproductive strategies. 2007 , 16, 139-57	48
1795	Quaternary diversification in a sexual Holarctic zooplankter, <i>Daphnia galeata</i> . 2007 , 16, 569-82	46
1794	The rise and fall of the mountain hare (<i>Lepus timidus</i>) during Pleistocene glaciations: expansion and retreat with hybridization in the Iberian Peninsula. 2007 , 16, 605-18	79

- 1793 MHC-DRB3 variation in a free-living population of the European bison, *Bison bonasus*. **2007**, 16, 531-40 55
- 1792 Phylogeography and population history of the crab-eating fox (*Cerdocyon thous*). **2007**, 16, 819-38 60
- 1791 Identification and functional characterization of EhClC-A, an *Entamoeba histolytica* ClC chloride channel located at plasma membrane. **2006**, 59, 1249-61 12
- 1790 Role of the methylcitrate cycle in *Mycobacterium tuberculosis* metabolism, intracellular growth, and virulence. **2006**, 60, 1109-22 251
- 1789 Binding of the low-density lipoprotein by streptococcal collagen-like protein Scl1 of *Streptococcus pyogenes*. **2006**, 61, 351-67 42
- 1788 Phylogenetic analysis of Sicilian goats reveals a new mtDNA lineage. **2006**, 37, 376-8 53
- 1787 Drought stress response in wheat: physiological and molecular analysis of resistant and sensitive genotypes. **2006**, 29, 2143-52 298
- 1786 Characterization of Potato rough dwarf virus and Potato virus P: distinct strains of the same viral species in the genus *Carlavirus*. **2006**, 55, 803-812 14
- 1785 AtNAP, a NAC family transcription factor, has an important role in leaf senescence. **2006**, 46, 601-12 572
- 1784 AhSSK1, a novel SKP1-like protein that interacts with the S-locus F-box protein SLF. **2006**, 46, 780-93 73
- 1783 Ternary complex formation between HvMYB53 and other factors involved in transcriptional control in barley seeds. **2006**, 47, 269-81 58
- 1782 The rice heterochronic gene SUPERNUMERARY BRACT regulates the transition from spikelet meristem to floral meristem. **2007**, 49, 64-78 128
- 1781 Population genetic structure of a rare high-elevation black fly, *Metacnephia coloradensis*, occupying Colorado lake outlet streams. **2006**, 51, 2240-2251 50
- 1780 A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. **2006**, 15, 615-36 484
- 1779 Computer programs for population genetics data analysis: a survival guide. **2006**, 7, 745-58 256
- 1778 JmjC-domain-containing proteins and histone demethylation. **2006**, 7, 715-27 940
- 1777 Phylogenetic analysis of the p53 family. **2006**, 51, 571-580
- 1776 Isolation of populations of the Mongolian gazelle *Procapra gutturosa* (*Artiodacryta*, Bovidae) in the past: Analysis of mtDNA fragments with different mutation rates. **2006**, 409, 311-313 4

1775	Molecular virology: was the 1918 flu avian in origin?. 2006 , 440, E9; discussion E9-10	46
1774	Gametophytic self-incompatibility in <i>Lycium parishii</i> (Solanaceae): allelic diversity, genealogical structure, and patterns of molecular evolution at the S-RNase locus. 2006 , 96, 434-44	29
1773	Genome-wide characterisation of hepatitis B mutations involved in clinical outcome. 2006 , 97, 389-97	15
1772	Biological and molecular properties of Tomato rugose mosaic virus (ToRMV), a new tomato-infecting begomovirus from Brazil. 2006 , 55, 513-522	34
1771	The lba1 mutation of UPF1 RNA helicase involved in nonsense-mediated mRNA decay causes pleiotropic phenotypic changes and altered sugar signalling in <i>Arabidopsis</i> . 2006 , 47, 49-62	117
1770	Accumulation of genome-specific transcripts, transcription factors and phytohormonal regulators during early stages of fiber cell development in allotetraploid cotton. 2006 , 47, 761-75	176
1769	Identification of trans-acting siRNAs in moss and an RNA-dependent RNA polymerase required for their biogenesis. 2006 , 48, 511-21	84
1768	Phylogenetic relationships in <i>Elymus</i> (Poaceae: Triticeae) based on the nuclear ribosomal internal transcribed spacer and chloroplast trnL-F sequences. 2006 , 170, 411-20	128
1767	<i>Propionibacterium acnes</i> and lipopolysaccharide induce the expression of antimicrobial peptides and proinflammatory cytokines/chemokines in human sebocytes. 2006 , 8, 2195-205	273
1766	Bacterial community changes in TCE biodegradation detected in microcosm experiments. 2006 , 58, 239-247	33
1765	Expression profiling of the <i>Arabidopsis</i> annexin gene family during germination, de-etiolation and abiotic stress. 2006 , 44, 13-24	119
1764	Genetic variability of measles virus in acute and persistent infections. 2006 , 6, 269-76	37
1763	Molecular epidemiology of human astrovirus infections in Kolkata, India. 2006 , 6, 425-35	45
1762	Molecular epidemiology of human picobirnaviruses among children of a slum community in Kolkata, India. 2006 , 6, 453-8	28
1761	Clinical <i>Sarcocystis neurona</i> , <i>Sarcocystis canis</i> , <i>Toxoplasma gondii</i> , and <i>Neospora caninum</i> infections in dogs. 2006 , 137, 36-49	58
1760	Molecular evidence for the infection of zoo chimpanzees by pig <i>Ascaris</i> . 2006 , 139, 203-10	19
1759	New data on epizootiology and genetics of piroplasms based on sequences of small ribosomal subunit and cytochrome b genes. 2006 , 142, 238-47	84
1758	Molecular phylogenetic analysis of nycteribiid and streblid bat flies (Diptera: Brachycera, Calyptratae): implications for host associations and phylogeographic origins. 2006 , 38, 155-70	92

1757	Multiple maternal origins of chickens: out of the Asian jungles. 2006 , 38, 12-9	287
1756	Mitochondrial genomics and the new insect order Mantophasmatodea. 2006 , 38, 274-9	126
1755	Probing the relationships of the branchiopod crustaceans. 2006 , 39, 491-502	63
1754	Molecular phylogenetics of blackflies of the <i>Simulium damnosum</i> complex and cytophylogenetic implications. 2006 , 39, 83-90	23
1753	A molecular phylogenetic perspective on the evolutionary history of <i>Alosa</i> spp. (Clupeidae). 2006 , 40, 298-304	32
1752	Molecular phylogenetic relationship of snow finch complex (genera <i>Montifringilla</i> , <i>Pyrgilauda</i> , and <i>Onychostruthus</i>) from the Tibetan plateau. 2006 , 40, 218-26	27
1751	Range-wide phylogeography of a temperate lizard, the five-lined skink (<i>Eumeces fasciatus</i>). 2006 , 40, 183-94	48
1750	Molecular phylogeny of the <i>Drosophila virilis</i> section (Diptera: Drosophilidae) based on mitochondrial and nuclear sequences. 2006 , 40, 484-500	57
1749	The complete mitochondrial genome of <i>Gekko gecko</i> (Reptilia: Gekkonidae) and support for the monophyly of Sauria including <i>Amphisbaenia</i> . 2006 , 40, 887-92	21
1748	Manganese superoxide dismutase based phylogeny of pathogenic fungi. 2006 , 41, 28-39	27
1747	Taxonomic study of the <i>Phyllosoma</i> complex and other triatomine (Insecta: Hemiptera: Reduviidae) species of epidemiological importance in the transmission of Chagas disease: using ITS-2 and mtCytB sequences. 2006 , 41, 279-87	53
1746	Phylogenetic systematics and tempo of evolution of the Viverrinae (Mammalia, Carnivora, Viverridae) within feliformians: implications for faunal exchanges between Asia and Africa. 2006 , 41, 266-78	44
1745	Phylogeography of ground tit (<i>Pseudopodoces humilis</i>) based on mtDNA: evidence of past fragmentation on the Tibetan Plateau. 2006 , 41, 257-65	46
1744	Genetic variation, population structure, and phylogenetic relationships of <i>Triatoma rubida</i> and <i>T. recurva</i> (Hemiptera: Reduviidae: Triatominae) from the Sonoran Desert, insect vectors of the Chagas' disease parasite <i>Trypanosoma cruzi</i> . 2006 , 41, 209-21	71
1743	Global phylogeny of <i>Mycobacterium tuberculosis</i> based on single nucleotide polymorphism (SNP) analysis: insights into tuberculosis evolution, phylogenetic accuracy of other DNA fingerprinting systems, and recommendations for a minimal standard SNP set. 2006 , 188, 759-72	354
1742	Evolution of glyoxylate cycle enzymes in Metazoa: evidence of multiple horizontal transfer events and pseudogene formation. 2006 , 1, 31	113
1741	<i>Halobacterium jilantaiense</i> sp. nov., a halophilic archaeon isolated from a saline lake in Inner Mongolia, China. 2006 , 56, 2353-2355	23
1740	Epochal evolution shapes the phylodynamics of interpandemic influenza A (H3N2) in humans. 2006 , 314, 1898-903	347

1739	Molecular diagnosis of granulocytic anaplasmosis and infectious cyclic thrombocytopenia by PCR-RFLP. 2006 , 1081, 371-8	16
1738	Far eastern tick-borne rickettsiosis: identification of two new cases and tick vector. 2006 , 1078, 80-8	27
1737	Morphologic and genetic characterization of <i>Sarcocystis</i> sp. from the African grey parrot, <i>Psittacus erithacus</i> , from Costa Rica. 2006 , 51,	12
1736	Molecular phylogenetic study of the systematic position of Baikalian oligochaetes in Clitellata. 2006 , 42, 1390-1397	12
1735	Simian immunodeficiency virus envelope compartmentalizes in brain regions independent of neuropathology. 2006 , 12, 73-89	18
1734	Cyanogenic glycosides: a case study for evolution and application of cytochromes P450. 2006 , 5, 309-329	106
1733	Cloning, functional identification and sequence analysis of flavonoid 3'-hydroxylase and flavonoid 3',5'-hydroxylase cDNAs reveals independent evolution of flavonoid 3',5'-hydroxylase in the Asteraceae family. 2006 , 61, 365-81	95
1732	Isolation and characterization of stress related Heat shock protein calmodulin binding gene from cultivated cotton (<i>Gossypium hirsutum</i> L.). 2006 , 147, 343-351	5
1731	Origin and evolution of the Amyrel gene in the alpha-amylase multigene family of Diptera. 2006 , 128, 145-58	17
1730	Tuareg, a novel miniature-inverted repeat family of pearl millet (<i>Pennisetum glaucum</i>) related to the PIF superfamily of maize. 2006 , 128, 205-16	6
1729	Conservation of pBuM-2 satellite DNA sequences among geographically isolated <i>Drosophila gouveai</i> populations from Brazil. 2006 , 128, 287-95	10
1728	Seasonal dynamics of population genetic structure in cryptic taxa of the <i>Pellioditis marina</i> complex (Nematoda: Rhabditida). 2006 , 128, 307-21	47
1727	Differential organellar inheritance in <i>Passiflora</i> 's (<i>Passifloraceae</i>) subgenera. 2006 , 128, 449-53	16
1726	The phylogenetic position of <i>Ixodes stilesi</i> Neumann, 1911 (Acari: Ixodidae): morphological and preliminary molecular evidences from 16S rDNA sequences. 2006 , 65, 1-11	28
1725	<i>Gyrodactylus neili</i> n. sp. (Monogenea: Gyrodactylidae), a parasite of chain pickerel <i>Esox niger</i> Lesueur (Esocidae) from freshwaters of New Brunswick, Canada. 2006 , 65, 43-8	10
1724	Feline immunodeficiency virus subtype B in domestic cats in Minas Gerais, Brazil. 2006 , 30, 953-6	12
1723	Genetic variability of hepatitis B virus isolates in Poland. 2006 , 33, 77-86	5
1722	The complete genomic sequence of strain ROS/HUVLV-100, a representative Russian Crimean Congo hemorrhagic fever virus strain. 2006 , 33, 87-93	7

1721	Genetic characterization of VP3 gene of group A rotaviruses. 2006 , 33, 143-5	11
1720	Inducible nickel resistance in a river isolate of India phylogenetically ascertained as a novel strain of <i>Acinetobacter junii</i> . 2006 , 22, 225-232	10
1719	Molecular characterization and antimicrobial activity of endophytic fungi from coffee plants. 2006 , 22, 1185-1195	95
1718	The community composition of root-associated bacteria of the tomato plant. 2006 , 22, 1267-1273	17
1717	Isolation of a full-length CCNBS/RR resistance gene analog candidate from sugar pine showing low nucleotide diversity. 2006 , 2, 76-85	20
1716	Rapid evolution of cytochrome c oxidase subunit II in camelids (Tylopoda, Camelidae). 2006 , 38, 293-7	18
1715	Phylogeography of <i>Cerriops tagal</i> (Rhizophoraceae) in Southeast Asia: the land barrier of the Malay Peninsula has caused population differentiation between the Indian Ocean and South China Sea. 2006 , 8, 89-98	47
1714	The RNase a superfamily: generation of diversity and innate host defense. 2006 , 10, 585-97	109
1713	Molecular cloning and characterization of the myostatin gene in croceine croaker, <i>Pseudosciaena crocea</i> . 2006 , 33, 129-35	15
1712	The complete nucleotide sequence of a severe stem pitting isolate of Citrus tristeza virus from Spain: comparison with isolates from different origins. 2006 , 151, 387-98	48
1711	The phylogenetic structure of the cluster of tobamovirus species serologically related to ribgrass mosaic virus (RMV) and the sequence of streptocarpus flower break virus (SFBV). 2006 , 151, 763-74	23
1710	Identification of a third member of the Anellovirus genus ("small anellovirus") in French blood donors. 2006 , 151, 405-8	24
1709	Hepatitis delta virus infection in chronically HBV-infected patients from northern Poland. 2006 , 151, 1207-15	7
1708	Complete nucleotide sequence and affinities of the genomic RNA of Narcissus common latent virus (genus Carlavirus). 2006 , 151, 1667-72	5
1707	Cowpea aphid-borne mosaic virus (CABMV) is widespread in passionfruit in Brazil and causes passionfruit woodiness disease. 2006 , 151, 1797-809	52
1706	Comparative sequence analysis of envelope protein genes of Indian buffalopox virus isolates. 2006 , 151, 1995-2005	19
1705	Complete nucleotide sequence of the genomic RNA of Narcissus yellow stripe virus from Chinese narcissus in Zhangzhou city, China. 2006 , 151, 1673-7	11
1704	Narcissus symptomless virus: a new carlavirus of daffodils. 2006 , 151, 2261-7	8

1703	Isolation and characterization of a novel thermophilic <i>Bacillus</i> strain degrading long-chain n-alkanes. 2006 , 10, 347-56	114
1702	<i>Thermalkalibacillus uzonensis</i> gen. nov. sp. nov, a novel aerobic alkali-tolerant thermophilic bacterium isolated from a hot spring in Uzon Caldera, Kamchatka. 2006 , 10, 337-45	7
1701	Genetic history of some western Mediterranean human isolates through mtDNA HVR1 polymorphisms. 2006 , 51, 9-14	37
1700	Isolation and characterization of drought-related trehalose 6-phosphate-synthase gene from cultivated cotton (<i>Gossypium hirsutum</i> L.). 2006 , 223, 329-39	62
1699	Molecular characterization of a seed transmitted clavicipitaceous fungus occurring on dicotyledoneous plants (Convolvulaceae). 2006 , 224, 533-44	63
1698	Structure, expression, and functional analysis of the hexokinase gene family in rice (<i>Oryza sativa</i> L.). 2006 , 224, 598-611	103
1697	Evolution of proteinase inhibitor defenses in North American allopolyploid species of <i>Nicotiana</i> . 2006 , 224, 750-60	39
1696	Evidence for a role of AtCAD 1 in lignification of elongating stems of <i>Arabidopsis thaliana</i> . 2006 , 225, 23-39	70
1695	A comparative study of sperm morphology, cytology and activation in <i>Caenorhabditis elegans</i> , <i>Caenorhabditis remanei</i> and <i>Caenorhabditis briggsae</i> . 2006 , 216, 198-208	16
1694	The putative telomerase reverse transcriptase component of <i>Leishmania amazonensis</i> : gene cloning and characterization. 2006 , 98, 447-54	22
1693	Characterization of <i>Cryptocaryon irritans</i> isolates from marine fishes in Mainland China by ITS ribosomal DNA sequences. 2006 , 99, 160-6	31
1692	Symbiosis of <i>Mycoplasma hominis</i> in <i>Trichomonas vaginalis</i> may link metronidazole resistance in vitro. 2006 , 100, 123-30	39
1691	Mitochondrial cytochrome c oxidase subunit 1 gene and nuclear rDNA regions of <i>Enterobius vermicularis</i> parasitic in captive chimpanzees with special reference to its relationship with pinworms in humans. 2006 , 100, 51-7	34
1690	Comparison of 18S ribosomal RNA gene sequences of <i>Eurytrema coelmaticum</i> and <i>Eurytrema pancreaticum</i> . 2007 , 100, 645-6	11
1689	Catfish CC chemokines: genomic clustering, duplications, and expression after bacterial infection with <i>Edwardsiella ictaluri</i> . 2006 , 275, 297-309	60
1688	Diversity of centromeric repeats in two closely related wild rice species, <i>Oryza officinalis</i> and <i>Oryza rhizomatis</i> . 2006 , 275, 421-30	31
1687	Depletion of <i>Aspergillus nidulans</i> cotA causes a severe polarity defect which is not suppressed by the nuclear migration mutation nudA2. 2006 , 275, 593-604	15
1686	A carotenoid synthesis gene cluster from <i>Algoriphagus</i> sp. KK10202C with a novel fusion-type lycopene beta-cyclase gene. 2006 , 276, 79-86	27

1685	Human-specific nonsense mutations identified by genome sequence comparisons. 2006 , 119, 169-78	27
1684	Long-term persistence of both functional and non-functional alleles at the leukocyte immunoglobulin-like receptor A3 (LILRA3) locus suggests balancing selection. 2006 , 119, 436-43	23
1683	Molecular species identification of spiny lobster phyllosoma larvae of the genus <i>Panulirus</i> from the northwestern Pacific. 2006 , 8, 260-7	36
1682	Molecular discrimination of <i>Perna</i> (Mollusca: Bivalvia) species using the polymerase chain reaction and species-specific mitochondrial primers. 2006 , 8, 380-5	10
1681	Identification of cultured <i>Brachionus</i> rotifers based on RFLP and SSCP screening. 2006 , 8, 547-59	13
1680	Single-copy genes define a conserved order between rice and wheat for understanding differences caused by duplication, deletion, and transposition of genes. 2007 , 7, 17-35	50
1679	Mitochondrial phylogeny reveals the artificial introduction of the pale chub <i>Zacco platypus</i> (Cyprinidae) in Taiwan. 2006 , 53, 323-329	9
1678	Genome histories clarify evolution of the expansin superfamily: new insights from the poplar genome and pine ESTs. 2006 , 119, 11-21	59
1677	Maintenance of slow type I myosin protein and mRNA expression in overwintering prairie dogs (<i>Cynomys leucurus</i> and <i>ludovicianus</i>) and black bears (<i>Ursus americanus</i>). 2006 , 176, 709-20	32
1676	Molecular phylogeny and population structure of tideland snails in the genus <i>Cerithidea</i> around Japan. 2006 , 149, 525-535	39
1675	Identification of bivalve species at an early developmental stage through PCR-SSCP and sequence analysis of partial 18S rDNA. 2006 , 149, 1149-1161	23
1674	Rapid adaptive evolution of the tumor suppressor gene <i>Pten</i> in an insect lineage. 2006 , 62, 738-44	5
1673	The ATL gene family from <i>Arabidopsis thaliana</i> and <i>Oryza sativa</i> comprises a large number of putative ubiquitin ligases of the RING-H2 type. 2006 , 62, 434-45	88
1672	Fast accumulation of nonsynonymous mutations on the female-specific W chromosome in birds. 2006 , 62, 66-72	44
1671	Strong purifying selection on the <i>Odysseus</i> gene in two clades of sibling species of the <i>Drosophila montium</i> species subgroup. 2006 , 62, 659-62	2
1670	Tandem repetitive D domains of the sperm ligand zonadhesin evolve faster in the paralogue than in the orthologue comparison. 2006 , 63, 602-11	8
1669	Getting the proto-Pax by the tail. 2006 , 63, 153-64	27
1668	Novel relationships among ten fish model species revealed based on a phylogenomic analysis using ESTs. 2006 , 62, 772-84	140

1667	En bloc duplications, mutation rates, and densities of amino acid changes clarify the evolution of vertebrate alpha-1,3/4-fucosyltransferases. 2006 , 63, 353-64	12
1666	Sauria SINEs: Novel short interspersed retroposable elements that are widespread in reptile genomes. 2006 , 62, 630-44	47
1665	Mitochondrial gene rearrangements and partial genome duplications detected by multigene asymmetric compositional bias analysis. 2006 , 63, 654-61	9
1664	Evolution and diversification of RNA silencing proteins in fungi. 2006 , 63, 127-35	116
1663	Proteasome-related HslU and HslV genes typical of eubacteria are widespread in eukaryotes. 2006 , 63, 504-12	15
1662	Mammalian male mutation bias: impacts of generation time and regional variation in substitution rates. 2006 , 63, 537-44	47
1661	Alternative starts of transcription, several paralogues, and almost-fixed interspecific differences of the gene fruitless in a hemimetabolous insect. 2006 , 63, 788-800	16
1660	Evidence for an early gene duplication event in the evolution of the mitochondrial transcription factor B family and maintenance of rRNA methyltransferase activity in human mtTFB1 and mtTFB2. 2006 , 63, 707-17	68
1659	Host selectivity and genetic variation of <i>Discula umbrinella</i> isolates from two oak species: analyses of intergenic spacer region sequences of ribosomal DNA. 2006 , 52, 463-9	18
1658	Identification and expression analysis of interferon gamma genes in channel catfish. 2006 , 58, 70-80	101
1657	Duplication, balancing selection and trans-species evolution explain the high levels of polymorphism of the DQA MHC class II gene in voles (<i>Arvicolinae</i>). 2006 , 58, 191-202	57
1656	The chicken immunoregulatory receptor families SIRP, TREM, and CMRF35/CD300L. 2006 , 58, 180-90	33
1655	Variable domains in hagfish: NICIR is a polymorphic multigene family expressed preferentially in leukocytes and is related to lamprey TCR-like. 2006 , 58, 216-25	30
1654	Study of <i>Cynomolgus</i> monkey (<i>Macaca fascicularis</i>) MhcDRB (Mafa-DRB) polymorphism in two populations. 2006 , 58, 269-82	57
1653	Isolation of major histocompatibility complex Class I genes from the tammar wallaby (<i>Macropus eugenii</i>). 2006 , 58, 487-93	13
1652	High KIR diversity in Amerindians is maintained using few gene-content haplotypes. 2006 , 58, 474-80	69
1651	Ancient divergence of a complex family of immune-type receptor genes. 2006 , 58, 362-73	26
1650	Modo-UG, a marsupial nonclassical MHC class I locus. 2006 , 58, 396-406	20

1649	Isolation and characterization of a MHC class II DRB locus in the European water vole (<i>Arvicola terrestris</i>). 2006 , 58, 390-5	26
1648	The salmonid MHC class I: more ancient loci uncovered. 2006 , 58, 571-89	38
1647	Nature of allelic sequence polymorphism at the KIR3DL3 locus. 2006 , 58, 614-27	19
1646	Toll-like receptor 3 and TICAM genes in catfish: species-specific expression profiles following infection with <i>Edwardsiella ictaluri</i> . 2006 , 58, 817-30	89
1645	Mhc class I genes of the cichlid fish <i>Oreochromis niloticus</i> . 2006 , 58, 917-28	9
1644	Molecular characterization of coding sequences and analysis of Toll-like receptor 3 mRNA expression in water buffalo (<i>Bubalus bubalis</i>) and nilgai (<i>Boselaphus tragocamelus</i>). 2007 , 59, 69-76	15
1643	Microbial community of a mesophilic propionate-degrading methanogenic consortium in chemostat cultivation analyzed based on 16S rRNA and acetate kinase genes. 2006 , 72, 401-15	70
1642	Plasmid-mediated degradation of 4-chloronitrobenzene by newly isolated <i>Pseudomonas putida</i> strain ZWL73. 2006 , 72, 797-803	41
1641	Biochemical characterization of the decaprenyl diphosphate synthase of <i>Rhodobacter sphaeroides</i> for coenzyme Q10 production. 2006 , 73, 796-806	30
1640	Oil biodegradation by <i>Bacillus</i> strains isolated from the rock of an oil reservoir located in a deep-water production basin in Brazil. 2006 , 73, 949-59	57
1639	Genotypic characterization and phylogenetic relations of <i>Pseudomonas</i> sp. (Formerly <i>P. stutzeri</i>) OX1. 2006 , 52, 395-9	11
1638	Isolation and characterization of <i>Pseudomonas</i> sp. strain ONBA-17 degrading o-nitriobenzaldehyde. 2006 , 53, 457-61	14
1637	Survey and expression analysis of five new chitin synthase genes in the biotrophic rust fungus <i>Puccinia graminis</i> . 2006 , 50, 295-305	5
1636	The vertebrate connexin family. 2006 , 63, 1125-40	94
1635	Cloning and molecular characterization of three novel LMW-i glutenin subunit genes from cultivated einkorn (<i>Triticum monococcum</i> L.). 2006 , 113, 383-95	77
1634	Low level of genetic diversity in cultivated Pigeonpea compared to its wild relatives is revealed by diversity arrays technology. 2006 , 113, 585-95	157
1633	Development of a codominant CAPS marker linked to PRSV-P resistance in highland papaya. 2006 , 113, 1159-69	31
1632	High levels of linkage disequilibrium and associations with forage quality at a phenylalanine ammonia-lyase locus in European maize (<i>Zea mays</i> L.) inbreds. 2007 , 114, 307-19	44

1631	Beta-propeller phytases in the aquatic environment. 2006 , 185, 1-13	50
1630	The rice field cyanobacteria <i>Anabaena azotica</i> and <i>Anabaena</i> sp. CH1 express vanadium-dependent nitrogenase. 2006 , 186, 367-76	23
1629	Identification of glycine betaine as compatible solute in <i>Synechococcus</i> sp. WH8102 and characterization of its N-methyltransferase genes involved in betaine synthesis. 2006 , 186, 495-506	29
1628	Cloning and characterization of chalcone synthase from the moss, <i>Physcomitrella patens</i> . 2006 , 67, 2531-40	77
1627	Genetic diversity and geographic pattern of wild lotus (<i>Nelumbo nucifera</i>) in Heilongjiang Province. 2006 , 51, 421-432	28
1626	A <i>Phytophthora sojae</i> gene of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) induced in host infection and its anti-oxidative function in yeast. 2006 , 51, 1316-1323	2
1625	Using maximum likelihood method to detect adaptive evolution of HCV envelope protein-coding genes. 2006 , 51, 2236-2242	
1624	Sequence and epitope analysis of surface proteins of avian influenza H5N1 viruses from Asian patients. 2006 , 51, 2472-2481	3
1623	Diacylglycerol acyltransferase: a key mediator of plant triacylglycerol synthesis. 2006 , 41, 1073-88	250
1622	Comparative studies of differential expression of chitinolytic enzymes encoded by <i>chiA</i> , <i>chiB</i> , <i>chiC</i> and <i>nagA</i> genes in <i>Aspergillus nidulans</i> . 2006 , 51, 547-54	30
1621	Molecular phylogenetic analyses of three <i>Synechococcus</i> strains isolated from seawater near the ieodo ocean research station. 2006 , 41, 315-318	4
1620	Identification of alkane monooxygenase genes in <i>Acinetobacter venetianus</i> VE-C3 and analysis of mutants impaired in diesel fuel degradation. 2006 , 56, 207-214	6
1619	On the conspecificity of <i>Anopheles fluviatilis</i> species S with <i>Anopheles minimus</i> species C. 2006 , 31, 671-7	21
1618	Heterogeneity within the hemagglutinin genes of canine distemper virus (CDV) strains detected in Italy. 2006 , 116, 301-9	103
1617	Phylogenetic correlation of Greek and Italian orf virus isolates based on VIR gene. 2006 , 116, 310-6	22
1616	Comparative sequence analysis of major envelope protein gene (B2L) of Indian orf viruses isolated from sheep and goats. 2006 , 116, 317-24	73
1615	Genetic characterization of the first chiropteran papillomavirus, isolated from a basosquamous carcinoma in an Egyptian fruit bat: the <i>Rousettus aegyptiacus</i> papillomavirus type 1. 2006 , 117, 267-75	25
1614	Flock-prevalence of border disease virus infection in Basque dairy-sheep estimated by bulk-tank milk analysis. 2006 , 118, 37-46	25

1613	Torque teno virus (TTV) is highly prevalent in the European wild boar (<i>Sus scrofa</i>). 2006 , 118, 223-9	79
1612	Parapoxviruses of seals and sea lions make up a distinct subclade within the genus Parapoxvirus. 2006 , 349, 316-24	18
1611	Sequence analysis of cDNA encoding rabbit follicle-stimulating hormone beta-subunit precursor protein. 2006 , 147, 231-5	5
1610	Cloning of stanniocalcin (STC) cDNAs of divergent teleost species: Monomeric STC supports monophyly of the ancient teleosts, the osteoglossomorphs. 2006 , 149, 100-7	9
1609	Tissue- and sex-specific regulation of CYP19A1 expression in the Atlantic croaker (<i>Micropogonias undulatus</i>). 2006 , 149, 205-16	23
1608	Mitochondrial DNA sequence analyses in Bornean sucker fishes (Balitoridae: Teleostei: Gastromyzontinae). 2006 , 1, 12-4	3
1607	<i>Trypanosoma cruzi</i> : Mutations in the 3' untranslated region of calmodulin gene are specific for lineages T. cruzi I, T. cruzi II, and the Zymodeme III isolates. 2006 , 112, 247-52	17
1606	Phylogenetic analysis of the glucose-6-phosphate isomerase gene in <i>Trypanosoma cruzi</i> . 2006 , 113, 1-7	19
1605	<i>Trypanosoma cruzi</i> 5S rRNA arrays define five groups and indicate the geographic origins of an ancestor of the heterozygous hybrids. 2006 , 36, 337-46	35
1604	Voltage-gated calcium channel subunits from platyhelminths: potential role in praziquantel action. 2006 , 36, 625-32	67
1603	A non-universal transcription factor? The <i>Leishmania tarentolae</i> TATA box-binding protein LtTBP associates with a subset of promoters. 2006 , 36, 1217-26	13
1602	The varying microsporidian genome: existence of long-terminal repeat retrotransposon in domesticated silkworm parasite <i>Nosema bombycis</i> . 2006 , 36, 1049-56	34
1601	Relationships between <i>Bambusa</i> species (Poaceae, Bambusoideae) revealed by random amplified polymorphic DNA. 2006 , 34, 417-423	26
1600	Evolution of front-end Δ^5 desaturases in <i>Echium</i> (Boraginaceae). 2006 , 34, 327-337	1
1599	Divergence in structure and function of tau class glutathione transferase from <i>Pinus tabulaeformis</i> , <i>P. yunnanensis</i> and <i>P. densata</i> . 2006 , 34, 678-690	6
1598	Examination of the expression of the heat shock protein gene, hsp110, in <i>Xenopus laevis</i> cultured cells and embryos. 2006 , 145, 225-34	13
1597	Pax6 and eye development in Arthropoda. 2006 , 35, 379-91	20
1596	Deciphering function and mechanism of calcium-binding proteins from their evolutionary imprints. 2006 , 1763, 1238-49	37

1595	Tissue specific glucocorticoid receptor expression, a role for alternative first exon usage?. 2006 , 72, 1529-37	80
1594	Study on sequences of ribosomal DNA internal transcribed spacers of clams belonging to the Veneridae family (Mollusca: Bivalvia). 2006 , 33, 702-10	15
1593	Structure of the mitochondrial DNA control region of the sinipercine fishes and their phylogenetic relationship. 2006 , 33, 793-9	37
1592	Cloning and characterization of four B-hordein genes from Tibetan hull-less barley (<i>Hordeum vulgare</i> subsp. <i>vulgare</i>). 2006 , 33, 937-47	2
1591	Quambalaria leaf and shoot blight on <i>Eucalyptus nitens</i> in South Africa. 2006 , 35, 427	9
1590	Analysing diversity in sugarcane resistance gene analogues. 2006 , 35, 631	4
1589	The origin and age of <i>Plasmodium vivax</i> . 2006 , 22, 558-63	92
1588	Microbial activity and community structure in two drained fen soils in the Ljubljana Marsh. 2006 , 38, 2762-2771	52
1587	The C-terminal SH3 domain of CRKL as a dynamic dimerization module transiently exposing a nuclear export signal. 2006 , 14, 1741-53	36
1586	Molecular phylogeny based on the 16S rRNA gene of elite rhizobial strains used in Brazilian commercial inoculants. 2006 , 29, 315-32	113
1585	Sapovirus detection by quantitative real-time RT-PCR in clinical stool specimens. 2006 , 134, 146-53	41
1584	A sensitive genotyping assay for detection of drug resistance mutations in reverse transcriptase of HIV-1 subtypes B and C in samples stored as dried blood spots or frozen RNA extracts. 2006 , 136, 238-47	36
1583	Evaluation of the utility of COI and ITS markers as tools for population genetic studies of temperate gorgonians. 2006 , 336, 184-197	48
1582	Taxonomy and chemical characterization of antibiotics of <i>Streptosporangium</i> Sg 10 isolated from a Saharan soil. 2006 , 161, 288-98	44
1581	Teashirt 3 expression in the chick embryo reveals a remarkable association with tendon development. 2006 , 6, 908-12	6
1580	<i>Entamoeba histolytica</i> up-regulates the Cdc48-like protein, an AAA family member, during the activation of trophozoites with collagen type I and calcium. 2006 , 146, 113-9	5
1579	Abundant variation in microsatellites of the parasitic nematode <i>Trichostrongylus tenuis</i> and linkage to a tandem repeat. 2006 , 148, 210-8	41
1578	First record of <i>Colletogloeopsis zuluense</i> comb. nov., causing a stem canker of <i>Eucalyptus</i> in China. 2006 , 110, 229-36	41

1577	Analysis of <i>Claviceps africana</i> and <i>C. sorghi</i> from India using AFLPs, EF-1alpha gene intron 4, and beta-tubulin gene intron 3. 2006 , 110, 441-51	7
1576	Multilocus sequence analysis of <i>Fusarium pseudograminearum</i> reveals a single phylogenetic species. 2006 , 110, 1413-25	34
1575	<i>Amorosia littoralis</i> gen. sp. nov., a new genus and species name for the scorpinone and caffeine-producing hyphomycete from the littoral zone in The Bahamas. 2006 , 110, 1371-8	19
1574	Present status of the molecular ecology of katablepharids. 2006 , 157, 7-11	10
1573	Microbial diversity of mesophilic methanogenic consortium that can degrade long-chain fatty acids in chemostat cultivation. 2006 , 102, 535-44	48
1572	Speciation in <i>Pararge</i> (Satyrinae: Nymphalidae) butterflies [North Africa is the source of ancestral populations of all <i>Pararge</i> species. 2006 , 31, 621-632	38
1571	Phylogeographic study of brown trout from Serbia, based on mitochondrial DNA control region analysis. 2006 , 38, 411-30	36
1570	PHY.FI: fast and easy online creation and manipulation of phylogeny color figures. 2006 , 7, 315	32
1569	Bacterial genotyping by 16S rRNA mass cataloging. 2006 , 7, 321	11
1568	PATRISTIC: a program for calculating patristic distances and graphically comparing the components of genetic change. 2006 , 6, 1	217
1567	Evolution of secretin family GPCR members in the metazoa. 2006 , 6, 108	97
1566	No variation and low synonymous substitution rates in coral mtDNA despite high nuclear variation. 2006 , 6, 24	214
1565	Genetic structure and evolution of the Vps25 family, a yeast ESCRT-II component. 2006 , 6, 59	6
1564	Origin of mitochondrial DNA diversity of domestic yaks. 2006 , 6, 73	77
1563	Evolution and origin of vomeronasal-type odorant receptor gene repertoire in fishes. 2006 , 6, 76	45
1562	Insights into the evolution of the ErbB receptor family and their ligands from sequence analysis. 2006 , 6, 79	41
1561	The reach of the genome signature in prokaryotes. 2006 , 6, 84	51
1560	Molecular polymorphism, differentiation and introgression in the period gene between <i>Lutzomyia intermedia</i> and <i>Lutzomyia whitmani</i> . 2006 , 6, 85	13

1559	Short-wavelength sensitive opsin (SWS1) as a new marker for vertebrate phylogenetics. 2006 , 6, 97	9
1558	Genomic divergences among cattle, dog and human estimated from large-scale alignments of genomic sequences. 2006 , 7, 140	28
1557	Transcriptome analysis of <i>Deinagkistrodon acutus</i> venomous gland focusing on cellular structure and functional aspects using expressed sequence tags. 2006 , 7, 152	51
1556	The genome of the square archaeon <i>Haloquadratum walsbyi</i> : life at the limits of water activity. 2006 , 7, 169	218
1555	Genomes of <i>Helicobacter pylori</i> from native Peruvians suggest admixture of ancestral and modern lineages and reveal a western type <i>cag</i> -pathogenicity island. 2006 , 7, 191	47
1554	Many genes in fish have species-specific asymmetric rates of molecular evolution. 2006 , 7, 20	89
1553	Comparative evolutionary genomics of the HADH2 gene encoding Abeta-binding alcohol dehydrogenase/17beta-hydroxysteroid dehydrogenase type 10 (ABAD/HSD10). 2006 , 7, 202	21
1552	Genomic structure and expression of uncoupling protein 2 genes in rainbow trout (<i>Oncorhynchus mykiss</i>). 2006 , 7, 203	26
1551	The complete mitochondrial genome of a basal teleost, the Asian arowana (<i>Scleropages formosus</i> , Osteoglossidae). 2006 , 7, 242	64
1550	Identification and comparative analysis of sixteen fungal peptidyl-prolyl <i>cis/trans</i> isomerase repertoires. 2006 , 7, 244	35
1549	The SNARE protein family of <i>Leishmania major</i> . 2006 , 7, 250	30
1548	The major histocompatibility complex (Mhc) class IIB region has greater genomic structural flexibility and diversity in the quail than the chicken. 2006 , 7, 322	48
1547	The characterization of amphibian nucleoplasmins yields new insight into their role in sperm chromatin remodeling. 2006 , 7, 99	29
1546	Genomic patterns of pathogen evolution revealed by comparison of <i>Burkholderia pseudomallei</i> , the causative agent of melioidosis, to avirulent <i>Burkholderia thailandensis</i> . 2006 , 6, 46	121
1545	Intrinsic and selected resistance to antibiotics binding the ribosome: analyses of <i>Brucella</i> 23S <i>rrn</i> , L4, L22, EF-Tu1, EF-Tu2, efflux and phylogenetic implications. 2006 , 6, 84	13
1544	Adaptive evolution of the spike gene of SARS coronavirus: changes in positively selected sites in different epidemic groups. 2006 , 6, 88	50
1543	Identification of pathogenic <i>Leptospira</i> species by conventional or real-time PCR and sequencing of the DNA gyrase subunit B encoding gene. 2006 , 6, 95	86
1542	Origin and evolution of the vertebrate vomeronasal system viewed through system-specific genes. 2006 , 28, 709-18	39

1541	Mohawk is a novel homeobox gene expressed in the developing mouse embryo. 2006 , 235, 792-801	59
1540	cDNA cloning of myosin heavy chain genes from medaka <i>Oryzias latipes</i> embryos and larvae and their expression patterns during development. 2006 , 235, 3092-101	23
1539	Expression of the <i>AmphiTcf</i> gene in amphioxus: insights into the evolution of the TCF/LEF gene family during vertebrate evolution. 2006 , 235, 3396-403	18
1538	Combinatorial expression patterns of heparan sulfate sulfotransferases in zebrafish: II. The 6-O-sulfotransferase family. 2006 , 235, 3432-7	26
1537	Combinatorial expression patterns of heparan sulfate sulfotransferases in zebrafish: I. The 3-O-sulfotransferase family. 2006 , 235, 3423-31	41
1536	New FATB thioesterases from a high-laurate <i>Cuphea</i> species: Functional and complementation analyses. 2006 , 108, 979-990	10
1535	Plasma membrane calcium ATPase is concentrated in the head of sea urchin spermatozoa. 2006 , 207, 413-9	21
1534	Semaphorins and their receptors in lamprey CNS: Cloning, phylogenetic analysis, and developmental changes during metamorphosis. 2006 , 497, 115-32	13
1533	Ancient complexity of the non-Hox ANTP gene complement in the anthozoan <i>Nematostella vectensis</i> : implications for the evolution of the ANTP superclass. 2006 , 306, 589-96	23
1532	Characteristics of hepatitis B virus in Ghana: full length genome sequences indicate the endemicity of genotype E in West Africa. 2006 , 78, 178-84	24
1531	Distribution and genetic analysis of TTV and TTMV major phylogenetic groups in French blood donors. 2006 , 78, 298-304	51
1530	Genetic diversity among respiratory syncytial viruses that have caused repeated infections in children from rural India. 2006 , 78, 659-65	34
1529	Adverse response of non-indigenous cattle of European breeds to live attenuated Smithburn Rift Valley fever vaccine. 2006 , 78, 787-91	88
1528	Fecal cytokines and markers of intestinal inflammation in international travelers with diarrhea due to Noroviruses. 2006 , 78, 825-8	30
1527	Molecular epidemiology of HIV-1 subtypes based on analysis of pol sequences in Slovenia, 1996-2005. 2006 , 78, 997-1002	15
1526	Genetic variation of NSP1 and NSP4 genes among serotype G9 rotaviruses causing hospitalization of children in Melbourne, Australia, 1997-2002. 2006 , 78, 1124-30	6
1525	Rapid diversification of measles virus genotypes circulating in Morocco during 2004-2005 epidemics. 2006 , 78, 1465-72	16
1524	Isolation and biological characterization of HIV-1 BG intersubtype recombinants and other genetic forms circulating in Galicia, Spain. 2006 , 78, 1520-8	15

1523	Prospective identification of HEV-B enteroviruses during the 2005 outbreak. 2006 , 78, 1624-34	38
1522	Detection of the norovirus variants GGII.4 hunter and GGIIb/hilversum in Italian children with gastroenteritis. 2006 , 78, 1656-62	22
1521	Mitochondrial DNA Haplotype Variation in the Parasitic Cirripede <i>Sacculina Carcini</i> Observed in the Cytochrome Oxidase Gene (COI). 2006 , 26, 326-330	10
1520	Sympatric Three-Species Infection by <i>Sacculina</i> Parasites (Cirripedia: Rhizocephala: Sacculinidae) of an Intertidal Grapsoid Crab. 2006 , 26, 474-479	16
1519	Species identity of <i>Macrolophus melanotoma</i> (Costa 1853) and <i>Macrolophus pygmaeus</i> (Rambur 1839) (Insecta: Heteroptera: Miridae) based on morphological and molecular data and bionomic implications. 2006 , 37, 385-404	50
1518	rDNA Sequences of <i>Anopheles</i> Species from the Iberian Peninsula and an Evaluation of the 18S rRNA Gene as Phylogenetic Marker in Anophelinae. 2006 , 43, 508-517	9
1517	Geographic variation and positive selection on M7 lysin, an acrosomal sperm protein in mussels (<i>Mytilus</i> spp.). 2006 , 23, 1952-65	46
1516	Notes on New World <i>Persicargas</i> Ticks (Acari: Argasidae) with Description of Female <i>Argas</i> (P.) <i>keiransi</i> . 2006 , 43, 801-809	10
1515	Molecular epidemiology of norovirus outbreaks in Norway during 2000 to 2005 and comparison of four norovirus real-time reverse transcriptase PCR assays. 2006 , 44, 3695-702	47
1514	The transition to self-compatibility in <i>Arabidopsis thaliana</i> and evolution within S-haplotypes over 10 Myr. 2006 , 23, 1741-50	119
1513	A combined empirical and mechanistic codon model. 2007 , 24, 388-97	95
1512	<i>Drosophila</i> <i>mojoles</i> , a retroposed GSK-3, has functionally diverged to acquire an essential role in male fertility. 2007 , 24, 732-42	26
1511	High allelic diversity in the methyltransferase gene of a phase variable type III restriction-modification system has implications for the fitness of <i>Haemophilus influenzae</i> . 2006 , 34, 4046-59	38
1510	Evolution of the complementary sex-determination gene of honey bees: balancing selection and trans-species polymorphisms. 2006 , 16, 1366-75	45
1509	Functional noncoding sequences derived from SINES in the mammalian genome. 2006 , 16, 864-74	173
1508	<i>Haloterrigena longa</i> sp. nov. and <i>Haloterrigena limicola</i> sp. nov., extremely halophilic archaea isolated from a salt lake. 2006 , 56, 1837-1840	23
1507	The <i>Arabidopsis</i> histidine phosphotransfer proteins are redundant positive regulators of cytokinin signaling. 2006 , 18, 3073-87	313
1506	Steps between lakes? Some initial genetic data on the Holarctic planktonic predator <i>Chaoborus flavicans</i> . 2006 , 167, 169-182	

1505	Complete DNA sequences of the mitochondrial genomes of the pathogenic yeasts <i>Candida orthopsilosis</i> and <i>Candida metapsilosis</i> : insight into the evolution of linear DNA genomes from mitochondrial telomere mutants. 2006 , 34, 2472-81	57
1504	Plant calmodulins and calmodulin-related proteins: multifaceted relays to decode calcium signals. 2006 , 1, 96-104	94
1503	Differential annotation of tRNA genes with anticodon CAT in bacterial genomes. 2006 , 34, 6015-22	34
1502	Factors associated with shedding of <i>Cryptosporidium parvum</i> versus <i>Cryptosporidium bovis</i> among dairy cattle in New York State. 2006 , 229, 1623-6	20
1501	Analysis of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) Species Complex and Distribution in Eastern Asia Based on Mitochondrial DNA Markers. 2006 , 99, 768-775	26
1500	rDNA sequences of <i>Anopheles</i> species from the Iberian Peninsula and an evaluation of the 18S rRNA gene as phylogenetic marker in anophelinae. 2006 , 43, 508-17	9
1499	Comparative Study of Breeding Systems of Sympatric Subterranean Termites (<i>Reticulitermes flavipes</i> and <i>R. hageni</i>) in Central North Carolina Using Two Classes of Molecular Genetic Markers. 2006 , 35, 173-187	36
1498	Molecular epidemiologic investigation of <i>Campylobacter coli</i> in swine production systems, using multilocus sequence typing. 2006 , 72, 5666-9	34
1497	Heterogeneity and temporal dynamics of evolution of G1 human rotaviruses in a settled population. 2006 , 80, 10724-33	107
1496	The Parkinson disease gene LRRK2: evolutionary and structural insights. 2006 , 23, 2423-33	128
1495	CYP6B1 and CYP6B3 of the black swallowtail (<i>Papilio polyxenes</i>): adaptive evolution through subfunctionalization. 2006 , 23, 2434-43	63
1494	The E3 ubiquitin ligase activity of arabidopsis PLANT U-BOX17 and its functional tobacco homolog ACRE276 are required for cell death and defense. 2006 , 18, 1084-98	179
1493	Advantage of using inosine at the 3' termini of 16S rRNA gene universal primers for the study of microbial diversity. 2006 , 72, 6902-6	74
1492	Genome sequence of <i>Rickettsia bellii</i> illuminates the role of amoebae in gene exchanges between intracellular pathogens. 2006 , 2, e76	239
1491	Diversity of microcystin-producing cyanobacteria in spatially isolated regions of Lake Erie. 2006 , 72, 5083-5	79
1490	Global dispersal and ancient cryptic species in the smallest marine eukaryotes. 2006 , 23, 23-9	186
1489	Divergent haplotypes and human history as revealed in a worldwide survey of X-linked DNA sequence variation. 2007 , 24, 687-98	14
1488	Genotyping hepatitis C viruses from Southeast Asia by a novel line probe assay that simultaneously detects core and 5' untranslated regions. 2006 , 44, 3969-74	45

1487	Terminal reassortment drives the quantum evolution of type III effectors in bacterial pathogens. 2006 , 2, e104	94
1486	dSno facilitates baboon signaling in the <i>Drosophila</i> brain by switching the affinity of Medea away from Mad and toward dSmad2. 2006 , 174, 1299-313	33
1485	Patterns of variation in MHC class II beta loci of the little greenbul (<i>Andropadus virens</i>) with comments on MHC evolution in birds. 2006 , 97, 133-42	34
1484	The evolution of two-component systems in bacteria reveals different strategies for niche adaptation. 2006 , 2, e143	137
1483	Accelerated evolution and loss of a domain of the sperm-egg-binding protein SED1 in ancestral primates. 2006 , 23, 1828-31	10
1482	Proceedings of the SMBE Tri-National Young Investigators' Workshop 2005. Relaxation of functional constraint on light-independent protochlorophyllide oxidoreductase in <i>Thuja</i> . 2006 , 23, 941-8	22
1481	Identification of a naturally occurring recombinant genotype 2/6 hepatitis C virus. 2006 , 80, 7569-77	124
1480	The BAM1/BAM2 receptor-like kinases are important regulators of <i>Arabidopsis</i> early anther development. 2006 , 18, 1667-80	185
1479	<i>Bursaphelenchus antoniae</i> sp. n. (Nematoda: Parasitaphelenchidae) associated with <i>Hylobius</i> sp. from <i>Pinus pinaster</i> in Portugal. 2006 , 8, 659-669	22
1478	SANTA domain: a novel conserved protein module in Eukaryota with potential involvement in chromatin regulation. 2006 , 22, 2459-62	15
1477	Proceedings of the SMBE Tri-National Young Investigators' Workshop 2005. Lineage-specific expansions and contractions of the bitter taste receptor gene repertoire in vertebrates. 2006 , 23, 964-72	69
1476	Co-regulation of brassinosteroid biosynthesis-related genes during xylem cell differentiation. 2007 , 48, 74-83	46
1475	Genetic population structure of <i>Epinephelus marginatus</i> (Pisces, Serranidae) revealed by two molecular markers. 2006 , 73, 275-283	14
1474	Type III effector diversification via both pathoadaptation and horizontal transfer in response to a coevolutionary arms race. 2006 , 2, e209	152
1473	Ancestral genomes, sex, and the population structure of <i>Trypanosoma cruzi</i> . 2006 , 2, e24	193
1472	Common phylogenetic origin of protamine-like (PL) proteins and histone H1: Evidence from bivalve PL genes. 2006 , 23, 1304-17	34
1471	Robust sequence selection method used to develop the FluChip diagnostic microarray for influenza virus. 2006 , 44, 2857-62	33
1470	Phylogenomic analysis of the L1 retrotransposons in <i>Deuterostomia</i> . 2006 , 55, 886-901	34

1469	Gene losses during human origins. 2006 , 4, e52	162
1468	Antigenic and molecular characterization of isolates of the Italy 02 infectious bronchitis virus genotype. 2006 , 35, 77-85	37
1467	Bioinformatic Analyses of Gram-Negative Bacterial OstA Outer Membrane Assembly Homologues. 2006 , 7, 447-461	7
1466	Complete mitochondrial genome and phylogeny of Pleistocene mammoth <i>Mammuthus primigenius</i> . 2006 , 4, e73	87
1465	Phylogenetic Relationships of the Shafted Bonefish <i>Albula Nemoptera</i> (Albuliformes: Albulidae) from the Eastern Pacific Based on Cytochrome B Sequence Analyses. 2006 , 2006, 778-784	11
1464	Proceedings of the SMBE Tri-National Young Investigators' Workshop 2005. Unusual evolution of interspersed repeat sequences in the <i>Drosophila ananassae</i> subgroup. 2006 , 23, 981-7	3
1463	Rapid evolution and gene-specific patterns of selection for three genes of spermatogenesis in <i>Drosophila</i> . 2006 , 23, 655-62	31
1462	Evolutionary conservation of expression profiles between human and mouse orthologous genes. 2006 , 23, 530-40	164
1461	<i>Bacteroides dorei</i> sp. nov., isolated from human faeces. 2006 , 56, 1639-1643	62
1460	Identification of the flavonoid hydroxylases from grapevine and their regulation during fruit development. 2006 , 140, 279-91	214
1459	<i>Microcella alkaliphila</i> sp. nov., a novel member of the family Microbacteriaceae isolated from a non-saline alkaline groundwater, and emended description of the genus <i>Microcella</i> . 2006 , 56, 2313-2316	26
1458	Linkage disequilibrium between incompatibility locus region genes in the plant <i>Arabidopsis lyrata</i> . 2006 , 173, 1057-73	30
1457	<i>Chitinimonas koreensis</i> sp. nov., isolated from greenhouse soil in Korea. 2006 , 56, 1761-1764	17
1456	Ochratoxin A production and amplified fragment length polymorphism analysis of <i>Aspergillus carbonarius</i> , <i>Aspergillus tubingensis</i> , and <i>Aspergillus niger</i> strains isolated from grapes in Italy. 2006 , 72, 680-5	158
1455	Unexpected high polymorphism at the FABP4 gene unveils a complex history for pig populations. 2006 , 174, 2119-27	33
1454	A mixed-mating strategy in a hermaphroditic vertebrate. 2006 , 273, 2449-52	55
1453	Insights into the selective pressures restricting <i>Pelargonium</i> flower break virus genome variability: Evidence for host adaptation. 2006 , 80, 8124-32	48
1452	Evolution of transmembrane protein kinases implicated in coordinating remodeling of gram-positive peptidoglycan: inside versus outside. 2006 , 188, 7470-6	74

1451	Prevalence of <i>Chlamydomyces psittaci</i> in fecal droppings from feral pigeons in Amsterdam, The Netherlands. 2006 , 72, 4423-5	51
1450	Newly identified families of human endogenous retroviruses. 2006 , 80, 4640-2	3
1449	Isolation of two polyketide synthase gene fragments from the uncultured microbial symbiont of the marine bryozoan <i>Bugula neritina</i> . 2006 , 72, 7941-4	14
1448	Real-time reverse transcription-PCR for detection of rotavirus and adenovirus as causative agents of acute viral gastroenteritis in children. 2006 , 44, 3189-95	116
1447	Isolation and characterization of a chimpanzee alphaherpesvirus. 2006 , 87, 11-19	32
1446	<i>Sphingomonas soli</i> sp. nov., a beta-glucosidase-producing bacterium in the family Sphingomonadaceae in the alpha-4 subgroup of the Proteobacteria. 2006 , 56, 703-707	19
1445	No evidence for presence of maternal mitochondrial DNA in the sperm of <i>Mytilus galloprovincialis</i> males. 2006 , 273, 2483-9	59
1444	Molecular epidemiology of echoviruses 11 and 13, based on an environmental surveillance conducted in Toyama Prefecture, 2002-2003. 2006 , 72, 6381-7	27
1443	Succession of bacterial communities during early plant development: transition from seed to root and effect of compost amendment. 2006 , 72, 3975-83	67
1442	Interstitial pulmonary inflammation due to <i>Microbacterium</i> sp. after heart transplantation. 2006 , 55, 335-339	18
1441	<i>Azonexus caeni</i> sp. nov., a denitrifying bacterium isolated from sludge of a wastewater treatment plant. 2006 , 56, 1043-1046	43
1440	Phylogeny of vertebrate Src tyrosine kinases revealed by the epitope region of mAb327. 2006 , 139, 347-54	8
1439	Distinguishing between cryptic species <i>Myotis ikonnikovi</i> and <i>M. brandtii gracilis</i> in Hokkaido, Japan: evaluation of a novel diagnostic morphological feature using molecular methods. 2006 , 8, 95-102	7
1438	Benchmarking DNA barcodes: An assessment using available primate sequences. 2006 , 49, 851-4	63
1437	<i>Paenibacillus panacisoli</i> sp. nov., a xylanolytic bacterium isolated from soil in a ginseng field in South Korea. 2006 , 56, 2677-2681	32
1436	<i>Pedobacter ginsengisoli</i> sp. nov., a DNase-producing bacterium isolated from soil of a ginseng field in South Korea. 2006 , 56, 2565-2570	40
1435	Cold-active winter rye glucanases with ice-binding capacity. 2006 , 141, 1459-72	53
1434	<i>Sphingobacterium daejeonense</i> sp. nov., isolated from a compost sample. 2006 , 56, 2031-2036	60

1433	Identification of the <i>mstE</i> gene encoding a glucose-inducible, low affinity glucose transporter in <i>Aspergillus nidulans</i> . 2006 , 281, 8339-46	36
1432	Phylogeographic analyses of <i>Callicebus lugens</i> (Platyrrhini, Primates). 2007 , 98, 88-92	10
1431	The <i>ompA</i> gene in <i>Chlamydia trachomatis</i> differs in phylogeny and rate of evolution from other regions of the genome. 2006 , 74, 578-85	49
1430	Molecular characterization of the first aromatic nutrient transporter from the sodium neurotransmitter symporter family. 2006 , 209, 3183-98	37
1429	Species-specific identification of Leptospiraceae by 16S rRNA gene sequencing. 2006 , 44, 3510-6	112
1428	Comparative genetics of the <i>rdar</i> morphotype in <i>Salmonella</i> . 2006 , 188, 8395-406	58
1427	<i>Pedobacter roseus</i> sp. nov., isolated from a hypertrophic pond, and emended description of the genus <i>Pedobacter</i> . 2006 , 56, 1831-1836	68
1426	Identification of an osteocalcin isoform in fish with a large acidic prodomain. 2006 , 281, 15037-43	15
1425	<i>Lutibacter litoralis</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae isolated from tidal flat sediment. 2006 , 56, 771-776	39
1424	Incidence of <i>Helicobacter felis</i> and the effect of coinfection with <i>Helicobacter pylori</i> on the gastric mucosa in the African population. 2006 , 44, 1692-6	19
1423	<i>Idiomarina homiensis</i> sp. nov., isolated from seashore sand in Korea. 2006 , 56, 2229-2233	21
1422	The complete genome sequence of herpesvirus papio 2 (Cercopithecine herpesvirus 16) shows evidence of recombination events among various progenitor herpesviruses. 2006 , 80, 1214-21	35
1421	Analysis of retrotransposon structural diversity uncovers properties and propensities in angiosperm genome evolution. 2006 , 103, 17638-43	225
1420	High genetic diversity in a world-wide collection of <i>Lathyrus sativus</i> L. revealed by isozymatic analysis. 2006 , 4, 159-171	8
1419	VICARIANCE AND DISPERSAL EFFECTS ON PHYLOGEOGRAPHIC STRUCTURE AND SPECIATION IN A WIDESPREAD ESTUARINE INVERTEBRATE. 2006 , 60, 257	3
1418	First case of bacteremia and multifocal cellulitis due to <i>Helicobacter canis</i> in an immunocompetent patient. 2006 , 44, 4598-600	25
1417	<i>Enterococcus caccae</i> sp. nov., isolated from human stools. 2006 , 56, 1505-1508	22
1416	Geminivirus infection up-regulates the expression of two <i>Arabidopsis</i> protein kinases related to yeast SNF1- and mammalian AMPK-activating kinases. 2006 , 142, 1642-55	81

1415	Long-term evolution and functional diversification in the members of the nucleophosmin/nucleoplasmin family of nuclear chaperones. 2006 , 173, 1835-50	48
1414	<i>Lactobacillus siliginis</i> sp. nov., isolated from wheat sourdough in South Korea. 2006 , 56, 2209-2213	29
1413	<i>Ferrimonas futtsuensis</i> sp. nov. and <i>Ferrimonas kyonanensis</i> sp. nov., selenate-reducing bacteria belonging to the Gammaproteobacteria isolated from Tokyo Bay. 2006 , 56, 2639-2645	24
1412	UvrD helicase suppresses recombination and DNA damage-induced deletions. 2006 , 188, 5450-9	32
1411	Comparative genomics of <i>Brassica oleracea</i> and <i>Arabidopsis thaliana</i> reveal gene loss, fragmentation, and dispersal after polyploidy. 2006 , 18, 1348-59	316
1410	<i>Mechercharimyces mesophilus</i> gen. nov., sp. nov. and <i>Mechercharimyces asporophorigenens</i> sp. nov., antitumour substance-producing marine bacteria, and description of Thermoactinomycetaceae fam. nov. 2006 , 56, 2837-2842	45
1409	Expressed sequence tags (ESTs) and phylogenetic analysis of floral genes from a paleoherb species, <i>Asarum caudigerum</i> . 2006 , 98, 157-63	6
1408	Evolution of the bipolar mating system of the mushroom <i>Coprinellus disseminatus</i> from its tetrapolar ancestors involves loss of mating-type-specific pheromone receptor function. 2006 , 172, 1877-91	100
1407	Identification of novel <i>Cryptosporidium</i> genotypes from avian hosts. 2006 , 72, 7548-53	149
1406	Cysteine biosynthesis in <i>Trichomonas vaginalis</i> involves cysteine synthase utilizing O-phosphoserine. 2006 , 281, 25062-75	52
1405	A population genetics pedigree perspective on the transmission of <i>Helicobacter pylori</i> . 2006 , 174, 2107-18	29
1404	Rapid in situ evolution of nodulating strains for <i>Biserrula pelecinus</i> L. through lateral transfer of a symbiosis island from the original mesorhizobial inoculant. 2006 , 72, 7365-7	77
1403	Probing genomic diversity and evolution of <i>Escherichia coli</i> O157 by single nucleotide polymorphisms. 2006 , 16, 757-67	109
1402	<i>Morganella psychrotolerans</i> sp. nov., a histamine-producing bacterium isolated from various seafoods. 2006 , 56, 2473-2479	57
1401	<i>Flectobacillus lacus</i> sp. nov., isolated from a highly eutrophic pond in Korea. 2006 , 56, 1197-1201	19
1400	Nuclear gene variation and molecular dating of the cichlid species flock of Lake Malawi. 2006 , 23, 828-37	29
1399	<i>Niastella koreensis</i> gen. nov., sp. nov. and <i>Niastella yeongjuensis</i> sp. nov., novel members of the phylum Bacteroidetes, isolated from soil cultivated with Korean ginseng. 2006 , 56, 1777-1782	75
1398	Origins and evolution of the <i>recA/RAD51</i> gene family: evidence for ancient gene duplication and endosymbiotic gene transfer. 2006 , 103, 10328-10333	201

1397	Analysis of core housekeeping and virulence genes reveals cryptic lineages of <i>Clostridium perfringens</i> that are associated with distinct disease presentations. 2006 , 172, 2081-92	32
1396	Study of the population structure of <i>Haemophilus parasuis</i> by multilocus sequence typing. 2006 , 152, 3683-3690	48
1395	Genetic analysis of <i>Mycobacterium avium</i> complex strains used for producing purified protein derivatives. 2006 , 13, 991-6	12
1394	Discovery of a marine bacterium producing 4-hydroxybenzoate and its alkyl esters, parabens. 2006 , 72, 5556-61	51
1393	<i>Bacillus panaciterrae</i> sp. nov., isolated from soil of a ginseng field. 2006 , 56, 2861-2866	16
1392	<i>Mycobacterium monacense</i> sp. nov. 2006 , 56, 2575-2578	27
1391	Diverse and unique picocyanobacteria in Chesapeake Bay, revealed by 16S-23S rRNA internal transcribed spacer sequences. 2006 , 72, 2239-43	86
1390	Adaptive covariation between the coat and movement proteins of prunus necrotic ringspot virus. 2006 , 80, 5833-40	22
1389	Sequencing of hsp65 distinguishes among subsets of the <i>Mycobacterium avium</i> complex. 2006 , 44, 433-40	120
1388	<i>Pseudonocardia oroxyli</i> sp. nov., a novel actinomycete isolated from surface-sterilized <i>Oroxylum indicum</i> root. 2006 , 56, 2193-2197	53
1387	<i>Halorubrum ezzemoulense</i> sp. nov., a halophilic archaeon isolated from Ezzemoul sabkha, Algeria. 2006 , 56, 1583-1588	34
1386	Panta rhei (QAlign2): an open graphical environment for sequence analysis. 2006 , 22, 889-90	6
1385	<i>Salicola salis</i> sp. nov., an extremely halophilic bacterium isolated from Ezzemoul sabkha in Algeria. 2006 , 56, 2647-2652	16
1384	Prevalence of swine Torque teno virus in post-weaning multisystemic wasting syndrome (PMWS)-affected and non-PMWS-affected pigs in Spain. 2006 , 87, 833-837	123
1383	Evolution of thermoTRP ion channel homologs in vertebrates. 2006 , 27, 219-30	80
1382	Expression of the ubiE gene of <i>Geobacillus stearothermophilus</i> V in <i>Escherichia coli</i> K-12 mediates the evolution of selenium compounds into the headspace of selenite- and selenate-amended cultures. 2006 , 72, 963-7	18
1381	GENETIC STRUCTURE OF THE WESTERN NORTH AMERICAN AQUATIC GASTROPOD GENUS TAYLORCONCHA AND DESCRIPTION OF A SECOND SPECIES. 2006 , 72, 167-177	12
1380	The human malaria parasite <i>Plasmodium falciparum</i> expresses an atypical N-terminally extended pyrophosphokinase with specificity for thiamine. 2006 , 387, 1583-91	13

1379	Genome and EST analyses and expression of a gene family with putative functions in insect chemoreception. 2006 , 31, 453-65	91
1378	A full-genome phylogenetic analysis of varicella-zoster virus reveals a novel origin of replication-based genotyping scheme and evidence of recombination between major circulating clades. 2006 , 80, 9850-60	123
1377	The complete chloroplast genome sequence of <i>Pelargonium x hortorum</i> : organization and evolution of the largest and most highly rearranged chloroplast genome of land plants. 2006 , 23, 2175-90	322
1376	SEQUENCE ANALYSIS OF THE RIBOSOMAL DNA INTERNAL TRANSCRIBED SPACERS AND 5.8S RIBOSOMAL RNA GENE IN REPRESENTATIVES OF THE CLAM FAMILY VENERIDAE (MOLLUSCA: BIVALVIA). 2006 , 25, 833-839	5
1375	Selective transmission of hepatitis C virus genotypes and quasispecies in humans and experimentally infected chimpanzees. 2006 , 87, 83-91	18
1374	Large global effective population sizes in <i>Paramecium</i> . 2006 , 23, 2474-9	41
1373	Apoplasmic glycosidases active against xyloglucan oligosaccharides of <i>Arabidopsis thaliana</i> . 2006 , 47, 55-63	56
1372	An Ins(1,4,5)P ₃ receptor in <i>Paramecium</i> is associated with the osmoregulatory system. 2006 , 119, 3705-17	66
1371	SUSP1 antagonizes formation of highly SUMO2/3-conjugated species. 2006 , 174, 939-49	124
1370	Genomewide comparative analysis of the highly abundant transposable element DINE-1 suggests a recent transpositional burst in <i>Drosophila yakuba</i> . 2006 , 173, 189-96	42
1369	Hepatitis C virus complete genome sequences identified from China representing subtypes 6k and 6n and a novel, as yet unassigned subtype within genotype 6. 2006 , 87, 629-634	21
1368	<i>Rickettsia asiatica</i> sp. nov., isolated in Japan. 2006 , 56, 2365-2368	31
1367	Patterns of protein evolution in <i>Tetrahymena thermophila</i> : implications for estimates of effective population size. 2006 , 23, 608-14	33
1366	Constraints on HIV-1 evolution and immunodominance revealed in monozygotic adult twins infected with the same virus. 2006 , 203, 529-39	74
1365	Natural history of human respiratory syncytial virus inferred from phylogenetic analysis of the attachment (G) glycoprotein with a 60-nucleotide duplication. 2006 , 80, 975-84	137
1364	Origin and evolution of processed pseudogenes that stabilize functional Makorin1 mRNAs in mice, primates and other mammals. 2006 , 172, 2421-9	15
1363	Ancestry of neuronal monoamine transporters in the Metazoa. 2006 , 209, 4858-68	51
1362	Identification of rDNA-specific non-LTR retrotransposons in Cnidaria. 2006 , 23, 1984-93	41

- 1361 *Shinella granuli* gen. nov., sp. nov., and proposal of the reclassification of *Zoogloea ramigera* ATCC 19623 as *Shinella zoogloeoides* sp. nov. **2006**, 56, 443-448 69
- 1360 Rate asymmetry after genome duplication causes substantial long-branch attraction artifacts in the phylogeny of *Saccharomyces* species. **2006**, 23, 245-53 67
- 1359 History and structure of sub-Saharan populations of *Drosophila melanogaster*. **2006**, 174, 915-29 59
- 1358 Phylogeny and evolution of class-I helical cytokines. **2006**, 189, 1-25 176
- 1357 Evolution of glucocorticoid receptors with different glucocorticoid sensitivity. **2006**, 190, 17-28 122
- 1356 Consistent patterns of change during the divergence of human immunodeficiency virus type 1 envelope from that of the inoculated virus in simian/human immunodeficiency virus-infected macaques. **2006**, 80, 999-1014 55
- 1355 The rate of adaptive evolution in enteric bacteria. **2006**, 23, 1348-56 121
- 1354 Differential expression of two flavonoid 3'-hydroxylase cDNAs involved in biosynthesis of anthocyanin pigments and 3-deoxyanthocyanidin phytoalexins in sorghum. **2006**, 47, 1412-9 41
- 1353 Lamprey type II collagen and Sox9 reveal an ancient origin of the vertebrate collagenous skeleton. **2006**, 103, 3180-5 77
- 1352 Just one cross appears capable of dramatically altering the population biology of a eukaryotic pathogen like *Toxoplasma gondii*. **2006**, 103, 10514-10519 102
- 1351 The essential vertebrate ABCE1 protein interacts with eukaryotic initiation factors. **2006**, 281, 7452-7 107
- 1350 The radiation of *Haliotrema* (Monogenea: Dactylogyridae: Ancyrocephalinae): molecular evidence and explanation inferred from LSU rDNA sequences. **2006**, 132, 659-68 35
- 1349 A new male-killing parasitism: *Spiroplasma* bacteria infect the ladybird beetle *Anisosticta novemdecimpunctata* (Coleoptera: Coccinellidae). **2006**, 132, 757-65 72
- 1348 *Ethanoligenens harbinense* gen. nov., sp. nov., isolated from molasses wastewater. **2006**, 56, 755-760 124
- 1347 Reclassification of *Serpulina intermedia* and *Serpulina murdochii* in the genus *Brachyspira* as *Brachyspira intermedia* comb. nov. and *Brachyspira murdochii* comb. nov. **2006**, 56, 1009-1012 17
- 1346 *Erwinia tasmaniensis* sp. nov., a non-phytopathogenic bacterium from apple and pear trees. **2006**, 56, 2937-2943 55
- 1345 *Starkeya koreensis* sp. nov., isolated from rice straw. **2006**, 56, 2409-2414 9
- 1344 *Trichococcus patagoniensis* sp. nov., a facultative anaerobe that grows at -5 degrees C, isolated from penguin guano in Chilean Patagonia. **2006**, 56, 2055-2062 34

1343	<i>Pseudomonas pohangensis</i> sp. nov., isolated from seashore sand in Korea. 2006 , 56, 2153-2156	9
1342	<i>Brevibacillus ginsengisoli</i> sp. nov., a denitrifying bacterium isolated from soil of a ginseng field. 2006 , 56, 2665-2669	28
1341	<i>Variovorax soli</i> sp. nov., isolated from greenhouse soil. 2006 , 56, 2899-2901	20
1340	<i>Cyclobacterium lianum</i> sp. nov., a marine bacterium isolated from sediment of an oilfield in the South China Sea, and emended description of the genus <i>Cyclobacterium</i> . 2006 , 56, 2927-2930	33
1339	<i>Flavobacterium glaciei</i> sp. nov., a novel psychrophilic bacterium isolated from the China No.1 glacier. 2006 , 56, 2921-2925	72
1338	Central line-related bacteraemia due to <i>Roseomonas mucosa</i> in a neutropenic patient with acute myeloid leukaemia in Piraeus, Greece. 2006 , 55, 1153-1156	15
1337	High level of ciprofloxacin resistance and its molecular background among <i>Campylobacter jejuni</i> strains isolated in the United Arab Emirates. 2006 , 55, 1533-1538	31
1336	The phylogeny of <i>Staphylococcus aureus</i> - which genes make the best intra-species markers?. 2006 , 152, 1297-1305	52
1335	Two novel conjugative plasmids from a single strain of <i>Sulfolobus</i> . 2006 , 152, 1951-1968	24
1334	Evolution of Hepatitis B virus in an acute hepatitis B patient co-infected with genotypes B and C. 2006 , 87, 39-49	27
1333	Molecular characterization of the largest mycoviral-like double-stranded RNAs associated with Amasya cherry disease, a disease of presumed fungal aetiology. 2006 , 87, 3113-3117	19
1332	Doubling genome size without polyploidization: dynamics of retrotransposon-driven genomic expansions in <i>Oryza australiensis</i> , a wild relative of rice. 2006 , 16, 1262-9	430
1331	ELONGATED UPPERMOST INTERNODE encodes a cytochrome P450 monooxygenase that epoxidizes gibberellins in a novel deactivation reaction in rice. 2006 , 18, 442-56	275
1330	Phylogenetic diversity, localization, and cell morphologies of members of the candidate phylum TG3 and a subphylum in the phylum Fibrobacteres, recently discovered bacterial groups dominant in termite guts. 2006 , 72, 6780-8	91
1329	Bioinformatic, genetic, and biochemical evidence that some glycoside hydrolase family 42 beta-galactosidases are arabinogalactan type I oligomer hydrolases. 2006 , 72, 7730-8	41
1328	<i>Paenibacillus</i> sp. strain JDR-2 and XynA1: a novel system for methylglucuronoxylan utilization. 2006 , 72, 1496-506	54
1327	Introducing TreeClimber, a test to compare microbial community structures. 2006 , 72, 2379-84	92
1326	Modulation of <i>Leishmania</i> ABC protein gene expression through life stages and among drug-resistant parasites. 2006 , 5, 1713-25	74

1325	The ectD gene, which is involved in the synthesis of the compatible solute hydroxyectoine, is essential for thermoprotection of the halophilic bacterium Chromohalobacter salexigens. 2006 , 188, 3774-84	101
1324	The relaxase of the Rhizobium etli symbiotic plasmid shows nic site cis-acting preference. 2006 , 188, 7488-99	18
1323	Lipoprotein multigene families in Mycoplasma pneumoniae. 2006 , 188, 5393-9	18
1322	Evidence for clonal evolution among highly polymorphic genes in methicillin-resistant Staphylococcus aureus. 2006 , 188, 169-78	72
1321	Characterization and use of catabolite-repressed promoters from gluconate genes in Corynebacterium glutamicum. 2006 , 188, 409-23	90
1320	Multispacer typing to study the genotypic distribution of Bartonella henselae populations. 2006 , 44, 2499-506	40
1319	Molecular characterization of novel G5 bovine rotavirus strains. 2006 , 44, 4101-12	39
1318	Use of the espZ gene encoded in the locus of enterocyte effacement for molecular typing of shiga toxin-producing Escherichia coli. 2006 , 44, 449-58	16
1317	Cryptic properties of a cluster of dominant flavivirus cross-reactive antigenic sites. 2006 , 80, 9557-68	180
1316	Intragenetic phylogeny of Capsella (Brassicaceae) and the origin of the tetraploid C. bursa-pastoris based on chloroplast and nuclear DNA sequences. 2006 , 93, 1714-24	47
1315	Jannaschia seosinensis sp. nov., isolated from hypersaline water of a solar saltern in Korea. 2006 , 56, 45-9	24
1314	Biological filtration limits carbon availability and affects downstream biofilm formation and community structure. 2006 , 72, 5702-12	30
1313	Evidence for recombination in Mycobacterium tuberculosis. 2006 , 188, 8169-77	58
1312	Detection and characterization of bovine coronaviruses in fecal specimens of adult cattle with diarrhea during the warmer seasons. 2006 , 44, 3178-88	51
1311	Phylogenetic analysis of polyomavirus BK sequences. 2006 , 80, 8869-79	47
1310	Shewanella loihica sp. nov., isolated from iron-rich microbial mats in the Pacific Ocean. 2006 , 56, 1911-1916	93
1309	The Arabidopsis thaliana PARTING DANCERS gene encoding a novel protein is required for normal meiotic homologous recombination. 2006 , 17, 1331-43	63
1308	Molecular characterization and typing of chicken and turkey astroviruses circulating in the United States: implications for diagnostics. 2006 , 50, 397-404	92

1307	Genetic variation and relationships between isolates and species of the entomopathogenic nematode genus <i>Heterorhabditis</i> deciphered through isozyme profiles. 2006 , 92, 509-16	4
1306	Detection and characterization of fungal-specific proteins in <i>Saccharomyces cerevisiae</i> . 2006 , 70, 2646-52	6
1305	The occurrence of <i>Lepeophtheirus salmonis</i> and <i>Caligus clemensi</i> (Copepoda: Caligidae) on three-spine stickleback <i>Gasterosteus aculeatus</i> in coastal British Columbia. 2006 , 92, 473-80	63
1304	Taking the first steps towards a standard for reporting on phylogenies: Minimum Information About a Phylogenetic Analysis (MIAPA). 2006 , 10, 231-7	54
1303	Molecular characterization of the 18S rDNA gene of an avian Hepatozoon reveals that it is closely related to <i>Lankesterella</i> . 2006 , 92, 1330-5	22
1302	Lack of correlation between SIV-Nef evolution and rapid disease progression in morphine-dependent nonhuman primate model of AIDS. 2006 , 22, 817-23	7
1301	No evidence of persisting measles virus in peripheral blood mononuclear cells from children with autism spectrum disorder. 2006 , 118, 1664-75	60
1300	Salicylic acid-independent ENHANCED DISEASE SUSCEPTIBILITY1 signaling in <i>Arabidopsis</i> immunity and cell death is regulated by the monooxygenase FMO1 and the Nudix hydrolase NUDT7. 2006 , 18, 1038-51	377
1299	A new group of exo-acting family 28 glycoside hydrolases of <i>Aspergillus niger</i> that are involved in pectin degradation. 2006 , 400, 43-52	55
1298	Continued evolution in gp41 after interruption of enfuvirtide in subjects with advanced HIV type 1 disease. 2006 , 22, 1260-6	14
1297	Mitochondrial DNA phylogeny of the spinlobster genus <i>Palinurus</i> (Decapoda: Palinuridae). 2006 ,	
1296	The floral organ number4 gene encoding a putative ortholog of <i>Arabidopsis</i> CLAVATA3 regulates apical meristem size in rice. 2006 , 142, 1039-52	153
1295	Globalization and the population structure of <i>Toxoplasma gondii</i> . 2006 , 103, 11423-8	295
1294	The rice tapetum degeneration retardation gene is required for tapetum degradation and anther development. 2006 , 18, 2999-3014	485
1293	Genome-wide analysis of basic/helix-loop-helix transcription factor family in rice and <i>Arabidopsis</i> . 2006 , 141, 1167-84	396
1292	Regulation of <i>Arabidopsis</i> tapetum development and function by DYSFUNCTIONAL TAPETUM1 (DYT1) encoding a putative bHLH transcription factor. 2006 , 133, 3085-95	314
1291	Quantitative detection of hepatitis a virus and enteroviruses near the United States-Mexico border and correlation with levels of fecal indicator bacteria. 2006 , 72, 7438-44	51
1290	Phylogenetic analysis of the precore/core gene of hepatitis B virus genotypes E and A in West Africa: new subtypes, mixed infections and recombinations. 2006 , 87, 1163-1173	122

1289	Historical Ecology and Biogeography of North Pacific Pinnipeds: Isotopes and Ancient DNA from Three Archaeological Assemblages. 2006 , 1, 165-190	33
1288	DNA barcodes reveal cryptic host-specificity within the presumed polyphagous members of a genus of parasitoid flies (Diptera: Tachinidae). 2006 , 103, 3657-62	449
1287	The complete mitogenome of <i>Rhodeus uyekii</i> (Cypriniformes, Cyprinidae). 2006 , 17, 181-6	20
1286	<i>Burkholderia terrae</i> sp. nov., isolated from a forest soil. 2006 , 56, 453-457	40
1285	Color discrimination in the red range with only one long-wavelength sensitive opsin. 2006 , 209, 1944-55	83
1284	Non-macrophage-tropic human immunodeficiency virus type 1 R5 envelopes predominate in blood, lymph nodes, and semen: implications for transmission and pathogenesis. 2006 , 80, 6324-32	89
1283	<i>Glaciecola psychrophila</i> sp. nov., a novel psychrophilic bacterium isolated from the Arctic. 2006 , 56, 2867-2869	35
1282	Fixation of the human-specific CMP-N-acetylneuraminic acid hydroxylase pseudogene and implications of haplotype diversity for human evolution. 2006 , 172, 1139-46	57
1281	Solution structure of Urm1 and its implications for the origin of protein modifiers. 2006 , 103, 11625-30	56
1280	Two isoforms of a divalent metal transporter (DMT1) in <i>Schistosoma mansoni</i> suggest a surface-associated pathway for iron absorption in schistosomes. 2006 , 281, 2242-8	22
1279	Molecular evolution and population genetic analysis of candidate female reproductive genes in <i>Drosophila</i> . 2006 , 173, 2039-47	39
1278	High prevalence of human enterovirus a infections in natural circulation of human enteroviruses. 2006 , 44, 4095-100	93
1277	Molecular epidemiology of rabies virus isolates in India. 2006 , 44, 3218-24	30
1276	A lithium-sensitive and sodium-tolerant 3'-phosphoadenosine-5'-phosphatase encoded by <i>halA</i> from the cyanobacterium <i>Arthrospira platensis</i> is closely related to its counterparts from yeasts and plants. 2006 , 72, 245-51	7
1275	Molecular evolution of the primate developmental genes <i>MSX1</i> and <i>PAX9</i> . 2006 , 23, 644-54	14
1274	MUBs, a family of ubiquitin-fold proteins that are plasma membrane-anchored by prenylation. 2006 , 281, 27145-57	43
1273	Biodiversity of amoebae and amoeba-resisting bacteria in a hospital water network. 2006 , 72, 2428-38	238
1272	Novel nitrogen-fixing <i>Acetobacter nitrogenifigens</i> sp. nov., isolated from Kombucha tea. 2006 , 56, 1899-1903	66

1271	Genetic variability in the G protein gene of group A and B respiratory syncytial viruses from India. 2006 , 44, 3055-64	84
1270	Dividing the large glycoside hydrolase family 13 into subfamilies: towards improved functional annotations of alpha-amylase-related proteins. 2006 , 19, 555-62	430
1269	Insertion sequence IS900 revisited. 2006 , 44, 1081-3	37
1268	<i>Burkholderia ginsengisoli</i> sp. nov., a beta-glucosidase-producing bacterium isolated from soil of a ginseng field. 2006 , 56, 2529-2533	24
1267	Prevalence and genetic diversity of coronaviruses in bats from China. 2006 , 80, 7481-90	249
1266	<i>Dyadobacter ginsengisoli</i> sp. nov., isolated from soil of a ginseng field. 2006 , 56, 1939-1944	44
1265	Opacity-associated adhesin repertoire in hyperinvasive <i>Neisseria meningitidis</i> . 2006 , 74, 5085-94	38
1264	Analysis of human coronavirus 229E spike and nucleoprotein genes demonstrates genetic drift between chronologically distinct strains. 2006 , 87, 1203-1208	49
1263	<i>Oceanisphaera donghaensis</i> sp. nov., a halophilic bacterium from the East Sea, Korea. 2006 , 56, 895-898	14
1262	<i>Citreimonas salinaria</i> gen. nov., sp. nov., a member of the Roseobacter clade isolated from a solar saltern. 2006 , 56, 2799-2803	20
1261	Lectindb: a plant lectin database. 2006 , 16, 938-46	50
1260	NASt: a multiple sequence alignment server for comparative analysis of 16S rRNA genes. 2006 , 34, W394-9	810
1259	The amphibian globin gene repertoire as revealed by the <i>Xenopus</i> genome. 2006 , 112, 296-306	83
1258	Sequence analysis of the complete mitochondrial DNA in 10 commonly used inbred rat strains. 2006 , 291, C1183-92	33
1257	Application of multilocus variable-number tandem-repeat analysis for molecular typing of the agent of leptospirosis. 2006 , 44, 3954-62	99
1256	Genetic variation in the zebrafish. 2006 , 16, 491-7	146
1255	Sheep mitochondrial DNA variation in European, Caucasian, and Central Asian areas. 2006 , 23, 1776-83	123
1254	Functional conservation of a root hair cell-specific cis-element in angiosperms with different root hair distribution patterns. 2006 , 18, 2958-70	131

1253	Full-length genome sequences of two SARS-like coronaviruses in horseshoe bats and genetic variation analysis. 2006 , 87, 3355-3359	85
1252	Molecular profiling of the <i>Clostridium leptum</i> subgroup in human fecal microflora by PCR-denaturing gradient gel electrophoresis and clone library analysis. 2006 , 72, 5232-8	42
1251	Optimization of analytical parameters for inferring relationships among <i>Escherichia coli</i> isolates from repetitive-element PCR by maximizing correspondence with multilocus sequence typing data. 2006 , 72, 6049-52	27
1250	New <i>Staphylococcus aureus</i> genotyping method based on exotoxin (set) genes. 2006 , 44, 2728-32	10
1249	<i>Chromohalobacter nigrandesensis</i> sp. nov., a moderately halophilic, Gram-negative bacterium isolated from Lake Tebenquiche on the Atacama Saltern, Chile. 2006 , 56, 647-651	22
1248	Freezing resistance of antifreeze-deficient larval Antarctic fish. 2006 , 209, 407-20	48
1247	Control of petal shape and floral zygomorphy in <i>Lotus japonicus</i> . 2006 , 103, 4970-5	177
1246	A different function for a member of an ancient and highly conserved cytochrome P450 family: from essential sterols to plant defense. 2006 , 103, 18848-53	148
1245	Remarkably high activities of testicular cytochrome c in destroying reactive oxygen species and in triggering apoptosis. 2006 , 103, 8965-70	73
1244	Population genetic history of hepatitis C virus 1b infection in China. 2006 , 87, 73-82	41
1243	A new evolutionary paradigm for the Parkinson disease gene DJ-1. 2007 , 24, 551-61	56
1242	Selective transmission of hepatitis C virus quasi species through a needlestick accident in acute resolving hepatitis. 2006 , 42, 1254-9	10
1241	Analysis of the 5' noncoding region versus the NS5b region in genotyping hepatitis C virus isolates from blood donors in France. 2006 , 44, 2051-6	51
1240	Molecular cloning and mRNA expression analysis of carp embryonic, slow and cardiac myosin heavy chain isoforms. 2006 , 209, 188-98	33
1239	Plasmid diversity in neisseriae. 2006 , 74, 4892-9	15
1238	Subfamilies of <i>cpmA</i> , a gene involved in circadian output, have different evolutionary histories in cyanobacteria. 2006 , 152, 75-84	11
1237	Evidence of viral adaptation to HLA class I-restricted immune pressure in chronic hepatitis C virus infection. 2006 , 80, 11094-104	98
1236	Asymmetric evolution in two fish-specifically duplicated receptor tyrosine kinase paralogs involved in teleost coloration. 2006 , 23, 1192-202	67

1235	A late-stage phyllosoma larva of the spiny lobster <i>Panulirus echinatus</i> Smith, 1869 (Crustacea: Palinuridae) identified by DNA analysis. 2006 , 28, 841-845	15
1234	Genotyping of measles virus in clinical specimens on the basis of oligonucleotide microarray hybridization patterns. 2006 , 44, 3752-9	20
1233	Retroposition and evolution of the DNA-binding motifs of YY1, YY2 and REX1. 2007 , 35, 3442-52	75
1232	Bacteremia, fever, and splenomegaly caused by a newly recognized bartonella species. 2007 , 356, 2381-7	162
1231	Identification of novel genes involved in long-chain n-alkane degradation by <i>Acinetobacter</i> sp. strain DSM 17874. 2007 , 73, 3327-32	189
1230	Chloroplast genome (cpDNA) of <i>Cycas taitungensis</i> and 56 cp protein-coding genes of <i>Gnetum parvifolium</i> : insights into cpDNA evolution and phylogeny of extant seed plants. 2007 , 24, 1366-79	109
1229	<i>Enterococcus camelliae</i> sp. nov., isolated from fermented tea leaves in Thailand. 2007 , 57, 2151-2154	34
1228	Diversity of cultivated endophytic bacteria from sugarcane: genetic and biochemical characterization of <i>Burkholderia cepacia</i> complex isolates. 2007 , 73, 7259-67	159
1227	A novel olfactory receptor gene family in teleost fish. 2007 , 17, 1448-57	104
1226	INVESTIGATION OF THE PHYLOGENETIC RELATIONSHIPS OF SARCOCYSTIS SPP. FROM GREYLAG (<i>ANSER ANSER</i>) AND WHITE-FRONTED (<i>ANSER ALBIFRONS</i>) GEESE TO OTHER CYST FORMING COCCIDIA USING 18S AND 28S rRNA GENE SEQUENCES. 2007 , 17, 124-128	5
1225	Identification and characterization of a salivary adenosine deaminase from the sand fly <i>Phlebotomus duboscqi</i> , the vector of <i>Leishmania major</i> in sub-Saharan Africa. 2007 , 210, 733-40	25
1224	Molecular analysis of human forearm superficial skin bacterial biota. 2007 , 104, 2927-32	473
1223	Diversity and genomics of Antarctic marine micro-organisms. 2007 , 362, 2259-71	101
1222	Rapid evolution of primate ESX1, an X-linked placenta- and testis-expressed homeobox gene. 2007 , 16, 2053-60	14
1221	The cauliflower <i>Or</i> gene encodes a DnaJ cysteine-rich domain-containing protein that mediates high levels of beta-carotene accumulation. 2006 , 18, 3594-605	392
1220	HIV type 1 genetic diversity surveillance among newly diagnosed individuals from 2003 to 2005 in Buenos Aires, Argentina. 2007 , 23, 1201-7	33
1219	Phylogenetic and disruption analyses of aspartate kinase of <i>Deinococcus radiodurans</i> . 2007 , 71, 1015-20	6
1218	Phylogeny of human T cell lymphotropic virus type 1 in Peru: a high degree of evolutionary relatedness with South African isolates. 2007 , 23, 1146-9	3

1217	<i>Oceanobacillus profundus</i> sp. nov., isolated from a deep-sea sediment core. 2007 , 57, 409-413	64
1216	Reconstructing the ancestor of <i>Mycobacterium leprae</i> : the dynamics of gene loss and genome reduction. 2007 , 17, 1178-85	81
1215	<i>Streptomyces radiopugnans</i> sp. nov., a radiation-resistant actinomycete isolated from radiation-polluted soil in China. 2007 , 57, 2578-2582	27
1214	<i>Amphibacillus sediminis</i> sp. nov., an endospore-forming bacterium isolated from lake sediment in Japan. 2007 , 57, 2489-2492	22
1213	<i>Rhodococcus kyotonensis</i> sp. nov., a novel actinomycete isolated from soil. 2007 , 57, 1956-1959	19
1212	Molecular phylogenetics of <i>Candida albicans</i> . 2007 , 6, 1041-52	232
1211	<i>Streptomyces synnematoformans</i> sp. nov., a novel actinomycete isolated from a sand dune soil in Egypt. 2007 , 57, 2009-2013	16
1210	Expanded expression of Sonic Hedgehog in <i>Astyanax</i> cavefish: multiple consequences on forebrain development and evolution. 2007 , 134, 845-55	93
1209	Molecular typing of isolates of <i>Rickettsia rickettsii</i> by use of DNA sequencing of variable intergenic regions. 2007 , 45, 2545-53	48
1208	Molecular characterization of a novel ortho-nitrophenol catabolic gene cluster in <i>Alcaligenes</i> sp. strain NyZ215. 2007 , 189, 6587-93	43
1207	Telomere-associated endonuclease-deficient Penelope-like retroelements in diverse eukaryotes. 2007 , 104, 9352-7	107
1206	Functionally important glycosyltransferase gain and loss during catarrhine primate emergence. 2007 , 104, 559-64	67
1205	Genetic diversity in hepatitis C virus in Egypt and possible association with hepatocellular carcinoma. 2007 , 88, 1526-1531	112
1204	Nitrogen fixation by <i>Vibrio parahaemolyticus</i> and its implications for a new ecological niche. 2007 , 73, 5959-61	38
1203	'Candidatus <i>Phytoplasma lycopersici</i> ', a phytoplasma associated with 'hoja de perejil' disease in Bolivia. 2007 , 57, 1704-1710	38
1202	Molecular evolution of typical enteropathogenic <i>Escherichia coli</i> : clonal analysis by multilocus sequence typing and virulence gene allelic profiling. 2007 , 189, 342-50	102
1201	<i>Sphingobium aromaticiconvertens</i> sp. nov., a xenobiotic-compound-degrading bacterium from polluted river sediment. 2007 , 57, 306-310	34
1200	A genome-wide analysis in <i>Anopheles gambiae</i> mosquitoes reveals 46 male accessory gland genes, possible modulators of female behavior. 2007 , 104, 16215-20	107

1199	Serological cross-reactivity between different Chlamydia-like organisms. 2007 , 45, 234-6	21
1198	<i>Paenibacillus taiwanensis</i> sp. nov., isolated from soil in Taiwan. 2007 , 57, 1351-1354	16
1197	<i>Halorubrum arcis</i> sp. nov., an extremely halophilic archaeon isolated from a saline lake on the Qinghai-Tibet Plateau, China. 2007 , 57, 1069-1072	24
1196	<i>Flavisolibacter ginsengiterrae</i> gen. nov., sp. nov. and <i>Flavisolibacter ginsengisoli</i> sp. nov., isolated from ginseng cultivating soil. 2007 , 57, 1834-1839	73
1195	Evolutionary dynamics of olfactory receptor genes in <i>Drosophila</i> species. 2007 , 104, 7122-7	96
1194	Rickettsiae phylogeny: a multigenic approach. 2007 , 153, 160-8	51
1193	Prevalence of PB1-F2 of influenza A viruses. 2007 , 88, 536-546	117
1192	<i>Vibrio vulnificus</i> typing based on simple sequence repeats: insights into the biotype 3 group. 2007 , 45, 2951-9	20
1191	Inferring a population structure for <i>Staphylococcus epidermidis</i> from multilocus sequence typing data. 2007 , 189, 2540-52	185
1190	Formation of atroviridin by <i>Hypocrea atroviridis</i> is conidiation associated and positively regulated by blue light and the G protein GNA3. 2007 , 6, 2332-42	43
1189	Description of <i>Azospira restricta</i> sp. nov., a nitrogen-fixing bacterium isolated from groundwater. 2007 , 57, 1521-1526	44
1188	<i>Haloplanus natans</i> gen. nov., sp. nov., an extremely halophilic, gas-vacuolate archaeon isolated from Dead Sea-Red Sea water mixtures in experimental outdoor ponds. 2007 , 57, 780-783	54
1187	Structural evidence for the evolution of xyloglucanase activity from xyloglucan endo-transglycosylases: biological implications for cell wall metabolism. 2007 , 19, 1947-63	178
1186	Pathogenesis of avian influenza (H7) virus infection in mice and ferrets: enhanced virulence of Eurasian H7N7 viruses isolated from humans. 2007 , 81, 11139-47	104
1185	Sequence and characterization of the Ig heavy chain constant and partial variable region of the mouse strain 129S1. 2007 , 179, 2419-27	37
1184	Two functionally divergent UDP-Gal nucleotide sugar transporters participate in phosphoglycan synthesis in <i>Leishmania major</i> . 2007 , 282, 14006-17	45
1183	Nna1-like proteins are active metalloproteases of a new and diverse M14 subfamily. 2007 , 21, 851-65	83
1182	<i>Halomonas saccharevitans</i> sp. nov., <i>Halomonas arcis</i> sp. nov. and <i>Halomonas subterranea</i> sp. nov., halophilic bacteria isolated from hypersaline environments of China. 2007 , 57, 1619-1624	98

1181	Computer-simulated RFLP analysis of 16S rRNA genes: identification of ten new phytoplasma groups. 2007 , 57, 1855-1867	262
1180	Crystal structure of the electron transfer complex rubredoxin rubredoxin reductase of <i>Pseudomonas aeruginosa</i> . 2007 , 104, 12276-81	51
1179	Structure and evolution of the Ivy protein family, unexpected lysozyme inhibitors in Gram-negative bacteria. 2007 , 104, 6394-9	66
1178	A previously unknown reovirus of bat origin is associated with an acute respiratory disease in humans. 2007 , 104, 11424-9	164
1177	<i>Cellulomonas composti</i> sp. nov., a cellulolytic bacterium isolated from cattle farm compost. 2007 , 57, 1256-1260	29
1176	Genomics and diversity of the common marmoset monkey NK complex. 2007 , 178, 7151-61	19
1175	Natural polymorphisms in the human immunodeficiency virus type 2 protease can accelerate time to development of resistance to protease inhibitors. 2007 , 51, 604-10	58
1174	Characterization of a novel D-lyxose isomerase from <i>Cohnella laeovoribosii</i> RI-39 sp. nov. 2007 , 189, 1655-63	44
1173	Novel heme-based oxygen sensor with a revealing evolutionary history. 2007 , 282, 28740-28748	53
1172	Zoonotic vaccinia virus infection in Brazil: clinical description and implications for health professionals. 2007 , 45, 1370-2	45
1171	<i>Sphingomonas fennica</i> sp. nov. and <i>Sphingomonas haloaromaticamans</i> sp. nov., outliers of the genus <i>Sphingomonas</i> . 2007 , 57, 1740-1746	30
1170	Contribution of recombination to the evolution of human immunodeficiency viruses expressing resistance to antiretroviral treatment. 2007 , 81, 7620-8	84
1169	Transcriptome profile of human colorectal adenomas. 2007 , 5, 1263-75	368
1168	Diversity of antibiotic resistance integrative and conjugative elements among haemophili. 2007 , 56, 838-846	11
1167	Norovirus recombination. 2007 , 88, 3347-3359	265
1166	Tracheobronchitis caused by <i>Aeromonas veronii</i> biovar <i>sobria</i> after near-drowning. 2007 , 56, 1563-1564	15
1165	<i>Pelagibacillus goriensis</i> gen. nov., sp. nov., a moderately halotolerant bacterium isolated from coastal water off the east coast of Korea. 2007 , 57, 1554-1560	17
1164	<i>Methylibium fulvum</i> sp. nov., a member of the Betaproteobacteria isolated from ginseng field soil, and emended description of the genus <i>Methylibium</i> . 2007 , 57, 2062-2066	10

1163	Comparative evaluation of <i>Giardia duodenalis</i> sequence data. 2007 , 134, 1795-821	120
1162	The <i>Arabidopsis</i> ATNRT2.7 nitrate transporter controls nitrate content in seeds. 2007 , 19, 1590-602	154
1161	Mobile genetic elements provide evidence for a bovine origin of clonal complex 17 of <i>Streptococcus agalactiae</i> . 2007 , 73, 4668-72	20
1160	<i>Micromonospora lupini</i> sp. nov. and <i>Micromonospora saelicesensis</i> sp. nov., isolated from root nodules of <i>Lupinus angustifolius</i> . 2007 , 57, 2799-2804	85
1159	Bioinformatics software for biologists in the genomics era. 2007 , 23, 1713-7	53
1158	A novel type of subtilase from the psychrotolerant bacterium <i>Pseudoalteromonas</i> sp. SM9913: catalytic and structural properties of diseasein MCP-01. 2007 , 153, 2116-2125	50
1157	<i>Nocardioides marinus</i> sp. nov. 2007 , 57, 775-779	39
1156	Transmission of a fatal clonal tumor by biting occurs due to depleted MHC diversity in a threatened carnivorous marsupial. 2007 , 104, 16221-6	219
1155	An antennal circadian clock and circadian rhythms in peripheral pheromone reception in the moth <i>Spodoptera littoralis</i> . 2007 , 22, 502-14	62
1154	A GeneTrek analysis of the maize genome. 2007 , 104, 11844-9	55
1153	Characterization of <i>Pythium</i> spp. Associated with Corn and Soybean Seed and Seedling Disease in Ohio. 2007 , 91, 727-735	110
1152	A recurrent inversion on the eutherian X chromosome. 2007 , 104, 18571-6	32
1151	<i>Salegentibacter catena</i> sp. nov., isolated from sediment of the South China Sea, and emended description of the genus <i>Salegentibacter</i> . 2007 , 57, 219-222	29
1150	<i>Maribius salinus</i> gen. nov., sp. nov., isolated from a solar saltern and <i>Maribius pelagius</i> sp. nov., cultured from the Sargasso Sea, belonging to the <i>Roseobacter</i> clade. 2007 , 57, 270-275	29
1149	Portrait of the expansin superfamily in <i>Physcomitrella patens</i> : comparisons with angiosperm expansins. 2007 , 99, 1131-41	41
1148	Evolution of killer cell Ig-like receptor (KIR) genes: definition of an orangutan KIR haplotype reveals expansion of lineage III KIR associated with the emergence of MHC-C. 2007 , 179, 491-504	75
1147	First isolation of cytopathogenic bovine torovirus in cell culture from a calf with diarrhea. 2007 , 14, 998-1004	29
1146	A statistical phylogeography of influenza A H5N1. 2007 , 104, 4473-8	140

1145	A distinct mechanism regulating a pollen-specific guanine nucleotide exchange factor for the small GTPase Rop in <i>Arabidopsis thaliana</i> . 2007 , 104, 18830-5	170
1144	Complete genomes for hepatitis C virus subtypes 6f, 6i, 6j and 6m: viral genetic diversity among Thai blood donors and infected spouses. 2007 , 88, 1505-1518	30
1143	Circular genomes related to anelloviruses identified in human and animal samples by using a combined rolling-circle amplification/sequence-independent single primer amplification approach. 2007 , 88, 2696-2701	55
1142	Evolutionary history and global spread of the emerging g12 human rotaviruses. 2007 , 81, 2382-90	254
1141	Salinity constraints on subsurface archaeal diversity and methanogenesis in sedimentary rock rich in organic matter. 2007 , 73, 4171-9	103
1140	Divergent evolution of the chloroplast small heat shock protein gene in the genera <i>Rhododendron</i> (Ericaceae) and <i>Machilus</i> (Lauraceae). 2007 , 99, 461-75	6
1139	Genomic analysis of nucleoside transporters in Diptera and functional characterization of DmENT2, a <i>Drosophila</i> equilibrative nucleoside transporter. 2007 , 28, 337-47	7
1138	Genetic polymorphisms and resistance mutations of HIV type 2 in antiretroviral-naive patients in Burkina Faso. 2007 , 23, 955-64	13
1137	<i>Halomonas shengliensis</i> sp. nov., a moderately halophilic, denitrifying, crude-oil-utilizing bacterium. 2007 , 57, 1222-1226	70
1136	Genetic diversity of HIV type 1 subtype C env gene sequences from India. 2007 , 23, 934-40	19
1135	Evolutionary genomics reveals conserved structural determinants of signaling and adaptation in microbial chemoreceptors. 2007 , 104, 2885-90	191
1134	Plasma viral load threshold for sustaining intrahost HIV type 1 evolution. 2007 , 23, 1242-50	17
1133	DNA Barcodes Can Distinguish Species of Indian Mosquitoes (Diptera: Culicidae). 2007 , 44, 01-07	150
1132	Genetic diversity and selection at the <i>Plasmodium vivax</i> apical membrane antigen-1 (PvAMA-1) locus in a Sri Lankan population. 2007 , 24, 939-47	55
1131	Acquisition of endonuclease specificity during evolution of L1 retrotransposon. 2007 , 24, 2009-15	9
1130	Inferring the evolutionary history of vibrios by means of multilocus sequence analysis. 2007 , 189, 7932-6	257
1129	Cloning and characterization of an electrogenic Na/HCO ₃ ⁻ cotransporter from the squid giant fiber lobe. 2007 , 292, C2032-45	22
1128	Genetic Structure and Gene Flow among South Florida Populations of <i>Iris hexagona</i> Walt. (Iridaceae) Assessed with 19 Microsatellite DNA Loci. 2007 , 168, 1291-1309	13

1127	Measures of clade confidence do not correlate with accuracy of phylogenetic trees. 2007 , 3, e51	8
1126	A clinical case of chicken infectious anemia disease and virus DNA detection in naturally infected broilers in Greece. 2007 , 51, 639-42	6
1125	A new species of Kerivoula (Chiroptera: Vespertilionidae) from peninsular Malaysia. 2007 , 9, 1-12	23
1124	ISOFORMS OF LITOPENAEUS VANNAMEI ANTI-LIPOPOLYSACCHARIDE AND ITS EXPRESSION BY BACTERIAL CHALLENGE. 2007 , 26, 1169-1175	11
1123	Stability of Plant Defense Proteins in the Gut of Insect Herbivores. 2007 , 143, 1954-1967	104
1122	Vaccine escape recombinants emerge after pneumococcal vaccination in the United States. 2007 , 3, e168	283
1121	Coreceptor tropism in human immunodeficiency virus type 1 subtype D: high prevalence of CXCR4 tropism and heterogeneous composition of viral populations. 2007 , 81, 7885-93	139
1120	Exceptionally high density of NUMTs in the honeybee genome. 2007 , 24, 1340-6	84
1119	Ureibacillus composti sp. nov. and Ureibacillus thermophilus sp. nov., isolated from livestock-manure composts. 2007 , 57, 2908-2911	11
1118	Tagging the signatures of domestication in common bean (<i>Phaseolus vulgaris</i>) by means of pooled DNA samples. 2007 , 100, 1039-51	73
1117	Large-scale evaluation of candidate genes identifies associations between VEGF polymorphisms and bladder cancer risk. 2007 , 3, e29	109
1116	Being pathogenic, plastic, and sexual while living with a nearly minimal bacterial genome. 2007 , 3, e75	139
1115	Mouse pachytene checkpoint 2 (trip13) is required for completing meiotic recombination but not synapsis. 2007 , 3, e130	144
1114	Avoidance of protein fold disruption in natural virus recombinants. 2007 , 3, e181	103
1113	Phylogenetic origins of the Himalayan endemic <i>Dolomiaea</i> , <i>Diplazoptilon</i> and <i>Xanthopappus</i> (Asteraceae: Cardueae) based on three DNA regions. 2007 , 99, 311-22	55
1112	Coronavirus associated with an enteric syndrome on a quail farm. 2007 , 36, 251-8	39
1111	The rainbow trout CMP-sialic acid synthetase utilises a nuclear localization signal different from that identified in the mouse enzyme. 2007 , 17, 945-54	10
1110	Molecular characterization of plantain class i chitinase gene and its expression in response to infection by <i>Gloeosporium musarum</i> Cke and Masee and other abiotic stimuli. 2007 , 142, 561-70	12

1109	Functional characterization, tuning, and regulation of visual pigment gene expression in an anadromous lamprey. 2007 , 21, 2713-24	69
1108	<i>Aurantimonas ureilytica</i> sp. nov., isolated from an air sample. 2007 , 57, 1717-1720	23
1107	A sex-ratio meiotic drive system in <i>Drosophila simulans</i> . II: an X-linked distorter. 2007 , 5, e293	113
1106	Conserved expression of alternative splicing variants of peroxisomal acyl-CoA oxidase 1 in vertebrates and developmental and nutritional regulation in fish. 2007 , 28, 239-52	58
1105	Evaluation of genetic variation in the double-strand break repair pathway and bladder cancer risk. 2007 , 28, 1788-93	83
1104	Proteomics analysis of <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus identified two new occlusion-derived virus-associated proteins, HA44 and HA100. 2007 , 81, 9377-85	73
1103	Cloning, sequence analysis and phylogeny of connexin43 isolated from American black bear heart. 2007 , 18, 380-4	3
1102	Proboscidean mitogenomics: chronology and mode of elephant evolution using mastodon as outgroup. 2007 , 5, e207	125
1101	Ancient exaptation of a CORE-SINE retroposon into a highly conserved mammalian neuronal enhancer of the proopiomelanocortin gene. 2007 , 3, 1813-26	103
1100	The glycine decarboxylase complex multienzyme family in <i>Populus</i> . 2007 , 58, 1761-70	28
1099	An extra-plastidial alpha-glucan, water dikinase from <i>Arabidopsis</i> phosphorylates amylopectin in vitro and is not necessary for transient starch degradation. 2007 , 58, 3949-60	26
1098	Characterization and expression analysis of FRUITFULL- and SHATTERPROOF-like genes from peach (<i>Prunus persica</i>) and their role in split-pit formation. 2007 , 27, 649-59	50
1097	Identification of <i>Escherichia coli</i> O157:H7 genomic regions conserved in strains with a genotype associated with human infection. 2007 , 73, 22-31	29
1096	Ammonia excretion in rainbow trout (<i>Oncorhynchus mykiss</i>): evidence for Rh glycoprotein and H ⁺ -ATPase involvement. 2007 , 31, 463-74	176
1095	Role of APOBEC3 in genetic diversity among endogenous murine leukemia viruses. 2007 , 3, 2014-22	101
1094	Members of a large retroposon family are determinants of post-transcriptional gene expression in <i>Leishmania</i> . 2007 , 3, 1291-307	81
1093	Comparative genomic analysis of a mammalian beta-defensin gene cluster. 2007 , 30, 213-22	16
1092	Population genomics of the immune evasion (<i>var</i>) genes of <i>Plasmodium falciparum</i> . 2007 , 3, e34	112

1091	Cryptosporidium in patients with diarrhoea, on Tenerife, Canary Islands, Spain. 2007 , 101, 539-45	10
1090	Genetic variation and population structure in native Americans. 2007 , 3, e185	392
1089	Active surveillance for avian influenza viruses in wild birds and backyard flocks in Northern Italy during 2004 to 2006. 2007 , 36, 337-44	65
1088	Pretreatment sequence diversity differences in the full-length hepatitis C virus open reading frame correlate with early response to therapy. 2007 , 81, 8211-24	101
1087	An insight into the sialome of the oriental rat flea, <i>Xenopsylla cheopis</i> (Rots). 2007 , 8, 102	54
1086	From phylogenetics to phylogenomics: the evolutionary relationships of insect endosymbiotic gamma-Proteobacteria as a test case. 2007 , 56, 1-16	46
1085	Insect cryptochromes: gene duplication and loss define diverse ways to construct insect circadian clocks. 2007 , 24, 948-55	263
1084	Testing the neutral fixation of hetero-oligomerism in the archaeal chaperonin CCT. 2007 , 24, 1384-96	10
1083	Detecting genetic variation in microarray expression data. 2007 , 17, 1228-35	7
1082	<i>Vibrio comitans</i> sp. nov., <i>Vibrio rarus</i> sp. nov. and <i>Vibrio inusitatus</i> sp. nov., from the gut of the abalones <i>Haliotis discus discus</i> , <i>H. gigantea</i> , <i>H. madaka</i> and <i>H. rufescens</i> . 2007 , 57, 916-922	21
1081	<i>Halobacillus faecis</i> sp. nov., a spore-forming bacterium isolated from a mangrove area on Ishigaki Island, Japan. 2007 , 57, 2476-2479	21
1080	<i>Planococcus donghaensis</i> sp. nov., a starch-degrading bacterium isolated from the East Sea, South Korea. 2007 , 57, 2645-2650	29
1079	Early endocardial morphogenesis requires <i>Scl/Tal1</i> . 2007 , 3, e140	119
1078	Divergent evolution of the myosin heavy chain gene family in fish and tetrapods: evidence from comparative genomic analysis. 2007 , 32, 1-15	31
1077	Identification of the imprinted <i>KLF14</i> transcription factor undergoing human-specific accelerated evolution. 2007 , 3, e65	70
1076	<i>Pseudovibrio japonicus</i> sp. nov., isolated from coastal seawater in Japan. 2007 , 57, 1952-1955	19
1075	Positive in vivo selection of the HIV-1 envelope protein gp120 occurs at surface-exposed regions. 2007 , 196, 313-20	29
1074	Reductive genome evolution from the mother of <i>Rickettsia</i> . 2007 , 3, e14	142

1073	Inactivation of MOXD2 and S100A15A by exon deletion during human evolution. 2007 , 24, 2203-12	21
1072	Conservation and diversification of Msx protein in metazoan evolution. 2008 , 25, 69-82	18
1071	SET3p monomethylates histone H3 on lysine 9 and is required for the silencing of tandemly repeated transgenes in <i>Chlamydomonas</i> . 2007 , 35, 939-50	29
1070	Comparative genome analysis across a kingdom of eukaryotic organisms: specialization and diversification in the fungi. 2007 , 17, 1809-22	75
1069	Stability of plant defense proteins in the gut of insect herbivores. 2007 , 143, 1954-67	95
1068	A higher plant delta8 sphingolipid desaturase with a preference for (Z)-isomer formation confers aluminum tolerance to yeast and plants. 2007 , 144, 1968-77	68
1067	Between-species analysis of short-repeat modules in cell wall and sex-related hydroxyproline-rich glycoproteins of <i>Chlamydomonas</i> . 2007 , 144, 1813-26	34
1066	Distinct functions for the two PsbP-like proteins PPL1 and PPL2 in the chloroplast thylakoid lumen of <i>Arabidopsis</i> . 2007 , 145, 668-79	119
1065	Differential expansion and expression of alpha- and beta-tubulin gene families in <i>Populus</i> . 2007 , 145, 961-73	76
1064	Increases in the number of SNARE genes parallels the rise of multicellularity among the green plants. 2007 , 144, 6-17	166
1063	Complex signatures of selection and gene conversion in the duplicated globin genes of house mice. 2007 , 177, 481-500	49
1062	Diurnal expression of five protein phosphatase type 2C genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> . 2007 , 34, 581-588	2
1061	Conservation of essential design features in coiled coil silks. 2007 , 24, 2424-32	80
1060	Phylogeography of Stable Fly (Diptera: Muscidae) Estimated by Diversity at Ribosomal 16S and Cytochrome Oxidase I Mitochondrial Genes. 2007 , 44, 998-1008	12
1059	<i>Daphnia</i> in the Tatra Mountain lakes: multiple colonisation and hidden species diversity revealed by molecular markers. 2007 , 169, 279-291	27
1058	QUANTIFICATION AND CHARACTERIZATION OF AMMONIA-OXIDIZING BACTERIA IN INTERMITTENT CYCLE EXTENDED AERATION SYSTEMS. 2007 , 2007, 3091-3098	
1057	Molecular evidence for synonymy of the genera <i>Moroteuthis</i> and <i>Onykia</i> and identification of their paralarvae from northern Hawaiian waters. 2007 , 87, 959-965	12
1056	Comparative analysis of twelve genomes of three novel group 2c and group 2d coronaviruses reveals unique group and subgroup features. 2007 , 81, 1574-85	202

1055	Human T-cell leukemia virus type 1 integration target sites in the human genome: comparison with those of other retroviruses. 2007 , 81, 6731-41	124
1054	Recent gene conversions between duplicated glutamate decarboxylase genes (<i>gadA</i> and <i>gadB</i>) in pathogenic <i>Escherichia coli</i> . 2007 , 24, 2323-33	20
1053	Origin and diversification of the soldier meadow springsnails (Hydrobiidae: Pyrgulopsis), a species flock in the northwestern Great Basin, United States. 2007 , 73, 167-183	14
1052	Diversity and Phylogeny of <i>Wolbachia</i> Infecting <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Populations from China. 2007 , 36, 1283-1289	26
1051	Molecular authentication of the traditional Chinese medicinal plant <i>Euphorbia pekinensis</i> . 2007 , 73, 91-3	19
1050	Common functions for diverse small RNAs of land plants. 2007 , 19, 1750-69	340
1049	Phylogenetic analysis of <i>Bartonella</i> detected in rodent fleas in Yunnan, China. 2007 , 43, 609-17	22
1048	Egg clutch, sperm reservoirs and fecundity of <i>Neorossia caroli</i> (Cephalopoda: Sepiolidae) from the southern Sardinian sea (western Mediterranean). 2007 , 87, 971-976	15
1047	<i>Cyanobacterium aponinum</i> , a new Cyanoprokaryote from the microbial mat of Euganean thermal springs (Padua, Italy). 2007 , 123, 1-15	25
1046	MP1 homologue-based multilocus sequence system for typing the pathogenic fungus <i>Penicillium marneffei</i> : a novel approach using lineage-specific genes. 2007 , 45, 3647-54	26
1045	The archaeon <i>Methanosarcina acetivorans</i> contains a protein disulfide reductase with an iron-sulfur cluster. 2007 , 189, 7475-84	20
1044	Evidence from molecular markers and population genetic analyses suggests recent invasions of the Western North Pacific region by biotypes B and Q of <i>Bemisia tabaci</i> (Gennadius). 2007 , 36, 952-61	15
1043	Morphological and Genetic Divergence in Three Populations of <i>Anthocoris antevolens</i> (Hemiptera: Heteroptera: Anthocoridae). 2007 , 100, 403-412	5
1042	WITHDRAWN: Molecular Characterization of VP4 and VP7 Genes of Nontypeable Strains Identifies a Novel P[28] Genotype in Porcine Rotaviruses. 2007 ,	1
1041	Incidence and identity of photosynthetic symbionts in Caribbean coral reef sponge assemblages. 2007 , 87, 1683-1692	80
1040	Phytotoxicity and innate immune responses induced by Nep1-like proteins. 2006 , 18, 3721-44	233
1039	Prospects for fungus identification using CO1 DNA barcodes, with <i>Penicillium</i> as a test case. 2007 , 104, 3901-6	294
1038	Hepatitis C virus: quasispecies dynamics, virus persistence and antiviral therapy. 2007 , 17, 499-510	

1037	Nitrogen-fixing and cellulose-producing <i>Gluconacetobacter kombuchae</i> sp. nov., isolated from Kombucha tea. 2007 , 57, 353-357	79
1036	Persistence of genotypic resistance to nelfinavir among women exposed to prophylactic antiretroviral therapy during pregnancy. 2007 , 23, 1515-20	13
1035	<i>Halomonas indalinina</i> sp. nov., a moderately halophilic bacterium isolated from a solar saltern in Cabo de Gata, Almeria, southern Spain. 2007 , 57, 376-380	22
1034	<i>Deinococcus cellulosilyticus</i> sp. nov., isolated from air. 2007 , 57, 1685-1688	34
1033	Genetic diversity of HIV-1 non-B strains in Sicily: evidence of intersubtype recombinants by sequence analysis of gag, pol, and env genes. 2007 , 23, 1131-8	6
1032	Taxonomic Status of Eight Asian Shrike Species (<i>Lanius</i>): Phylogenetic Analysis Based on Cytband Col Gene Sequences. 2007 , 42, 173-180	5
1031	Phylogenetic analysis of low-pathogenicity avian influenza H6N2 viruses from chicken outbreaks (2001-2005) suggest that they are reassortants of historic ostrich low-pathogenicity avian influenza H9N2 and H6N8 viruses. 2007 , 51, 279-84	22
1030	Molecular cloning, heterologous expression, and phylogenetic analysis of a novel γ -type HMW glutenin subunit gene from the G genome of <i>Triticum timopheevi</i> . 2007 , 50, 1130-40	27
1029	Genetic and antigenic characterization of infectious bursal disease viruses isolated in Italy during the period 2002-2005. 2007 , 51, 863-72	20
1028	Molecular characterization of H5N2 avian influenza viruses isolated from South African ostriches in 2006. 2007 , 51, 873-9	22
1027	Flotillin-1 localization on sporozoites of <i>Eimeria tenella</i> . 2007 , 93, 197-8	2
1026	Molecular epidemiology of rabies in Vietnam. 2007 , 51, 833-40	21
1025	Amplified Fragment Length Polymorphism and Mitochondrial DNA Analyses Reveal Patterns of Divergence and Hybridization in the Hispid Cotton Rat (<i>Sigmodon hispidus</i>). 2007 , 88, 351-359	14
1024	Origins and widespread distribution of co-existing Polyploids in <i>Arnica cordifolia</i> (Asteraceae). 2008 , 101, 145-52	26
1023	The genetic basis of a plant-insect coevolutionary key innovation. 2007 , 104, 20427-31	254
1022	Expression differences between normal and indeterminate1 maize suggest downstream targets of ID1, a floral transition regulator in maize. 2007 , 58, 3679-93	42
1021	First record of the Australian ascidian <i>Eudistoma elongatum</i> in northern New Zealand. 2007 , 41, 347-355	5
1020	Phylogenetic relationship of TJ1 isolate of Banana bunchy top virus from Pakistan by DNA-R sequence analysis. 2007 , 29, 63-68	4

1019	FLOWERING LOCUS T protein may act as the long-distance florigenic signal in the cucurbits. 2007 , 19, 1488-506	357
1018	Reducing sludge production and the domination of Comamonadaceae by reducing the oxygen supply in the wastewater treatment procedure of a food-processing factory. 2007 , 71, 791-9	44
1017	Gene expression analysis from human immunodeficiency virus type 1 subtype C promoter and construction of bicistronic reporter vectors. 2007 , 23, 1268-78	10
1016	Surveillance of resistance to adamantanes among influenza A(H3N2) and A(H1N1) viruses isolated worldwide. 2007 , 196, 249-57	444
1015	Evidence for a population expansion in the West Nile virus vector <i>Culex tarsalis</i> . 2007 , 24, 1208-18	36
1014	Inclusion of the South Pacific Alpine Genus <i>Oreomyrrhis</i> (Apiaceae) in <i>Chaerophyllum</i> Based on Nuclear and Chloroplast DNA Sequences. 2007 , 32, 671-681	6
1013	Cloning and characterization of a LASS1-GDF1 transcript in rat cerebral cortex: conservation of a bicistronic structure. 2007 , 18, 92-103	11
1012	Contrasting diversity pattern of <i>Cytophaga</i> / <i>Blavobacteria</i> in the estuarine and open ocean regions of the East China Sea. 2007 , 3, 428-437	
1011	Does tick-borne relapsing fever have an animal reservoir in East Africa?. 2007 , 7, 659-66	27
1010	Genotypic resistance to antiretroviral drugs in patients infected with several HIV type 1 genetic forms in Cuba. 2007 , 23, 407-14	16
1009	Circulating recombinant form (CRF) 37_cpx: an old strain in Cameroon composed of diverse, genetically distant lineages of subtypes A and G. 2007 , 23, 923-33	26
1008	Comparative genomic analysis identifies an evolutionary shift of vomeronasal receptor gene repertoires in the vertebrate transition from water to land. 2007 , 17, 166-74	155
1007	Comparison of Pax1/9 locus reveals 500-Myr-old syntenic block and evolutionary conserved noncoding regions. 2007 , 24, 784-91	21
1006	Genetic analysis of maize streak virus isolates from Uganda reveals widespread distribution of a recombinant variant. 2007 , 88, 3154-3165	50
1005	Presence of sex steroids and cytochrome P450 genes in amphioxus. 2007 , 148, 3554-65	68
1004	<i>Fomitopsis incarnatus</i> sp. nov. based on generic evaluation of <i>Fomitopsis</i> and <i>Rhodofomes</i> . 2007 , 99, 833-41	27
1003	Antigenic drift in the evolution of H1N1 influenza A viruses resulting from deletion of a single amino acid in the haemagglutinin gene. 2007 , 88, 3209-3213	33
1002	Molecular epidemiology of HIV-1 infection and full-length genomic analysis of circulating recombinant form 07_BC strains from injection drug users in Taiwan. 2007 , 195, 1283-93	41

1001	Methylobacterium jeotgali sp. nov., a non-pigmented, facultatively methylotrophic bacterium isolated from jeotgal, a traditional Korean fermented seafood. 2007 , 57, 566-571	32
1000	Mutations in envelope gp120 can impact proteolytic processing of the gp160 precursor and thereby affect neutralization sensitivity of human immunodeficiency virus type 1 pseudoviruses. 2007 , 81, 13037-49	21
999	Thermococcus thioeducens sp. nov., a novel hyperthermophilic, obligately sulfur-reducing archaeon from a deep-sea hydrothermal vent. 2007 , 57, 1612-1618	38
998	Streptomyces hainanensis sp. nov., a novel member of the genus Streptomyces. 2007 , 57, 2694-2698	29
997	Aerococcus suis sp. nov., isolated from clinical specimens from swine. 2007 , 57, 1291-1294	22
996	A chemogenomic screening of sulfanilamide-hypersensitive Saccharomyces cerevisiae mutants uncovers ABZ2, the gene encoding a fungal aminodeoxychorismate lyase. 2007 , 6, 2102-11	22
995	Ecological zones rather than molecular forms predict genetic differentiation in the malaria vector Anopheles gambiae s.s. in Ghana. 2007 , 175, 751-61	42
994	Chitinilyticum aquatile gen. nov., sp. nov., a chitinolytic bacterium isolated from a freshwater pond used for Pacific white shrimp culture. 2007 , 57, 2854-2860	11
993	Glucosylglycerate biosynthesis in the deepest lineage of the Bacteria: characterization of the thermophilic proteins GpgS and GpgP from Persephonella marina. 2007 , 189, 1648-54	29
992	Chryseobacterium caeni sp. nov., isolated from bioreactor sludge. 2007 , 57, 141-145	35
991	Five ovine mitochondrial lineages identified from sheep breeds of the near East. 2007 , 175, 1371-9	125
990	Sphingomonas pseudosanguinis sp. nov., isolated from the water reservoir of an air humidifier. 2007 , 57, 1342-1345	13
989	Paenibacillus ginsengarvi sp. nov., isolated from soil from ginseng cultivation. 2007 , 57, 1810-1814	13
988	Molecular cloning, expression analyses and primary evolution studies of REV- and TB1-like genes in bamboo. 2007 , 27, 1273-81	8
987	A new O-antigen gene cluster has a key role in the virulence of the Escherichia coli meningitis clone O45:K1:H7. 2007 , 189, 8528-36	34
986	Vitellogenin and its messenger RNA during ovarian development in the female blue crab, Callinectes sapidus: gene expression, synthesis, transport, and cleavage. 2007 , 77, 138-46	78
985	The genetic architecture of shoot branching in Arabidopsis thaliana: a comparative assessment of candidate gene associations vs. quantitative trait locus mapping. 2007 , 176, 1223-36	47
984	Molecular characterization of diazotrophic and denitrifying bacteria associated with mangrove roots. 2007 , 73, 7308-21	90

983	Unusual pattern of nucleotide sequence variation at the OS-E and OS-F genomic regions of <i>Drosophila simulans</i> . 2007 , 175, 1923-35	6
982	Evidence of horizontal transfer of symbiotic genes from a <i>Bradyrhizobium japonicum</i> inoculant strain to indigenous diazotrophs <i>Sinorhizobium</i> (<i>Ensifer</i>) <i>fredii</i> and <i>Bradyrhizobium elkanii</i> in a Brazilian Savannah soil. 2007 , 73, 2635-43	152
981	<i>Pedobacter suwonensis</i> sp. nov., isolated from the rhizosphere of Chinese cabbage (<i>Brassica campestris</i>). 2007 , 57, 480-484	44
980	<i>Prevotella maculosa</i> sp. nov., isolated from the human oral cavity. 2007 , 57, 2936-2939	21
979	A conserved carboxylesterase is a SUPPRESSOR OF AVRBS-T-ELICITED RESISTANCE in <i>Arabidopsis</i> . 2007 , 19, 688-705	49
978	<i>Glycomyces sambucus</i> sp. nov., an endophytic actinomycete isolated from the stem of <i>Sambucus adnata</i> Wall. 2007 , 57, 1995-1998	34
977	Comparative analysis of the pituitary and ovarian GnRH systems in the leopard gecko: signaling crosstalk between multiple receptor subtypes in ovarian follicles. 2007 , 38, 289-304	27
976	Significant genetic and antigenic variability within the <i>env</i> gene of systemic human immunodeficiency virus type 1 group O populations during the natural course of a heterosexual infection: a pilot study. 2007 , 45, 1319-21	4
975	Ecology of the microbial community removing phosphate from wastewater under continuously aerobic conditions in a sequencing batch reactor. 2007 , 73, 2257-70	100
974	Analysis of two human parvovirus PARV4 genotypes identified in human plasma for fractionation. 2007 , 88, 2162-2167	40
973	<i>Paenibacillus soli</i> sp. nov., a xylanolytic bacterium isolated from soil. 2007 , 57, 146-150	23
972	<i>Chitinophaga terrae</i> sp. nov., isolated from soil. 2007 , 57, 1721-1724	36
971	Accurate prediction of deleterious protein kinase polymorphisms. 2007 , 23, 2918-25	56
970	Bacterial endosymbiont of the slender pigeon louse, <i>Columbicola columbae</i> , allied to endosymbionts of grain weevils and tsetse flies. 2007 , 73, 6660-8	65
969	Ectopic expression of a basic helix-loop-helix gene transactivates parallel pathways of proanthocyanidin biosynthesis. structure, expression analysis, and genetic control of leucoanthocyanidin 4-reductase and anthocyanidin reductase genes in <i>Lotus corniculatus</i> . 2007 , 143, 504-16	72
968	Structure and function of the microbial community in a full-scale enhanced biological phosphorus removal plant. 2007 , 153, 4061-4073	139
967	<i>Arabidopsis</i> MALE STERILITY1 encodes a PHD-type transcription factor and regulates pollen and tapetum development. 2007 , 19, 3549-62	180
966	CYP703 is an ancient cytochrome P450 in land plants catalyzing in-chain hydroxylation of lauric acid to provide building blocks for sporopollenin synthesis in pollen. 2007 , 19, 1473-87	271

965	PIF-like transposons are common in drosophila and have been repeatedly domesticated to generate new host genes. 2007 , 24, 1872-88	46
964	Methermicoccus shengliensis gen. nov., sp. nov., a thermophilic, methylotrophic methanogen isolated from oil-production water, and proposal of Methermicoccaceae fam. nov. 2007 , 57, 2964-2969	60
963	Unconventional GIY-YIG homing endonuclease encoded in group I introns in closely related strains of the Bacillus cereus group. 2008 , 36, 300-10	7
962	Establishment of influenza A virus (H6N1) in minor poultry species in southern China. 2007 , 81, 10402-12	92
961	Mitochondrial genome sequence evolution in Chlamydomonas. 2007 , 175, 819-26	36
960	A novel bacterial disease of the European shore crab, Carcinus maenas molecular pathology and epidemiology. 2007 , 153, 2839-2849	29
959	Large-scale, lineage-specific expansion of a bric-a-brac/tramtrack/broad complex ubiquitin-ligase gene family in rice. 2007 , 19, 2329-48	78
958	Virgibacillus halophilus sp. nov., spore-forming bacteria isolated from soil in Japan. 2007 , 57, 1607-1611	23
957	Heme regulates exocrine peptidase precursor genes in zebrafish. 2007 , 232, 1170-80	15
956	Molecular dissection of a bifidobacterial replicon. 2007 , 73, 7858-66	28
955	Concerted evolution of duplicated control regions within an ostracod mitochondrial genome. 2007 , 24, 74-8	24
954	A case of mistaken identity--reappraisal of the species of canid and felid hookworms (Ancylostoma) present in Australia and India. 2007 , 134, 113-9	54
953	Intact-cell MALDI-TOF mass spectrometry analysis of peptaibol formation by the genus Trichoderma/Hypocrea: can molecular phylogeny of species predict peptaibol structures?. 2007 , 153, 3417-3437	70
952	Rapid evolution of an X-linked microRNA cluster in primates. 2007 , 17, 612-7	126
951	Predicted glycosyl transferase genes located outside the HEP island are required for formation of heterocyst envelope polysaccharide in Anabaena sp. strain PCC 7120. 2007 , 189, 5372-8	27
950	Enterovirus 94, a proposed new serotype in human enterovirus species D. 2007 , 88, 849-858	54
949	Metagenomic characterization of Chesapeake Bay viroplankton. 2007 , 73, 7629-41	159
948	Subgroup prevalence and genotype circulation patterns of human respiratory syncytial virus in Belgium during ten successive epidemic seasons. 2007 , 45, 3022-30	87

947	Signalling through kinase-defective domains: the prevalence of atypical receptor-like kinases in plants. 2007 , 58, 3503-11	76
946	Isolation and characterization of melanopsin (Opn4) from the Australian marsupial <i>Sminthopsis crassicaudata</i> (fat-tailed dunnart). 2007 , 274, 2791-9	29
945	Retrospective characterization of a vaccine-derived poliovirus type 1 isolate from sewage in Greece. 2007 , 73, 6697-704	22
944	<i>Flavobacterium ceti</i> sp. nov., isolated from beaked whales (<i>Ziphius cavirostris</i>). 2007 , 57, 2604-2608	22
943	Epidemic dynamics of two coexisting hepatitis C virus subtypes. 2007 , 88, 123-133	20
942	<i>Andreprevotia chitinilytica</i> gen. nov., sp. nov., isolated from forest soil from Halla Mountain, Jeju Island, Korea. 2007 , 57, 1572-1575	10
941	No evidence of an impact on the rhizosphere diazotroph community by the expression of <i>Bacillus thuringiensis</i> Cry1Ab toxin by Bt white spruce. 2007 , 73, 6577-83	33
940	Multilocus sequence analysis reveals that <i>Vibrio harveyi</i> and <i>V. campbellii</i> are distinct species. 2007 , 73, 4279-85	101
939	Genomic and population analyses of the mating type loci in <i>Coccidioides</i> species reveal evidence for sexual reproduction and gene acquisition. 2007 , 6, 1189-99	72
938	Limited performance of DNA barcoding in a diverse community of tropical butterflies. 2007 , 274, 2881-9	208
937	<i>Microclunatus ginsengisoli</i> sp. nov., isolated from soil of a ginseng field. 2007 , 57, 713-716	21
936	Long-term inpatient viral evolution during HIV-2 infection. 2007 , 195, 726-33	31
935	A novel virus detected in papillomas and carcinomas of the endangered western barred bandicoot (<i>Perameles bougainville</i>) exhibits genomic features of both the Papillomaviridae and Polyomaviridae. 2007 , 81, 13280-90	60
934	Linkage disequilibrium and recombination rate estimates in the self-incompatibility region of <i>Arabidopsis lyrata</i> . 2007 , 176, 2357-69	39
933	Sequence characterization and comparative analysis of three plasmids isolated from environmental <i>Vibrio</i> spp. 2007 , 73, 7703-10	21
932	Analysis of the AAA+ chaperone <i>clpB</i> gene and stress-response expression in the halophilic methanogenic archaeon <i>Methanohalophilus portucalensis</i> . 2007 , 153, 2572-2583	9
931	Cloning and sequence analysis of complete cDNA of chitin deacetylase from <i>Mucor racemosus</i> . 2007 , 4, 167-172	1
930	Isolation and characterization of a myo-inositol-1-phosphate synthase gene from yellow passion fruit (<i>Passiflora edulis</i> f. <i>flavicarpa</i>) expressed during seed development and environmental stress. 2007 , 99, 285-92	51

- 929 *Ruania albidiflava* gen. nov., sp. nov., a novel member of the suborder Micrococccineae. **2007**, 57, 809-814 26
- 928 Monitoring the dynamics of the HIV epidemic using assays for recent infection and serotyping among new HIV diagnoses: experience after 2 years in France. **2007**, 196, 377-83 66
- 927 Identification of "Haematobacter," a new genus of aerobic Gram-negative rods isolated from clinical specimens, and reclassification of *Rhodobacter massiliensis* as "Haematobacter massiliensis comb. nov.". **2007**, 45, 1238-43 36
- 926 Genetic viability and population history of the giant panda, putting an end to the "evolutionary dead end"?. **2007**, 24, 1801-10 100
- 925 *Sporosarcina koreensis* sp. nov. and *Sporosarcina soli* sp. nov., isolated from soil in Korea. **2007**, 57, 1694-1698 26
- 924 Positive selection and gene conversion in SPP120, a fertilization-related gene, during the East African cichlid fish radiation. **2007**, 24, 2286-97 24
- 923 *Chitinophaga ginsengisegetis* sp. nov. and *Chitinophaga ginsengisoli* sp. nov., isolated from soil of a ginseng field in South Korea. **2007**, 57, 1396-1401 32
- 922 Genetic variability of the M genome segment of clinical and environmental Toscana virus strains. **2007**, 88, 1288-1294 14
- 921 *Flavobacterium terrae* sp. nov. and *Flavobacterium cucumis* sp. nov., isolated from greenhouse soil. **2007**, 57, 1594-1598 47
- 920 Patterns of molecular variation and evolution in *Drosophila americana* and its relatives. **2007**, 176, 2293-305 20
- 919 A complex expression pattern of Pax6 in the pigeon retina. **2007**, 48, 2503-9 14
- 918 A multidrug resistance transporter in *Magnaporthe* is required for host penetration and for survival during oxidative stress. **2006**, 18, 3686-705 73
- 917 Concerted evolution within the *Drosophila dumpy* gene. **2007**, 176, 309-25 15
- 916 Development and evaluation of an Influenza virus subtype H7N2 vaccine candidate for pandemic preparedness. **2007**, 14, 1425-32 42
- 915 Regulation of sulfur assimilation pathways in *Burkholderia cenocepacia*: identification of transcription factors CysB and SsuR and their role in control of target genes. **2007**, 189, 1675-88 21
- 914 *Pedobacter panaciterrae* sp. nov., isolated from soil in South Korea. **2007**, 57, 381-386 31
- 913 *Wenxinia marina* gen. nov., sp. nov., a novel member of the Roseobacter clade isolated from oilfield sediments of the South China Sea. **2007**, 57, 1711-1716 26
- 912 *Bacillus niabensis* sp. nov., isolated from cotton-waste composts for mushroom cultivation. **2007**, 57, 1909-1913 24

911	Halomonas gudaonensis sp. nov., isolated from a saline soil contaminated by crude oil. 2007 , 57, 911-915	60
910	Genotypic analyses of uropathogenic Escherichia coli based on fimH single nucleotide polymorphisms (SNPs). 2007 , 56, 1363-1369	31
909	Common genetic variation in GATA-binding protein 3 and differential susceptibility to breast cancer by estrogen receptor alpha tumor status. 2007 , 16, 2269-75	15
908	Nocardia coubleae sp. nov., isolated from oil-contaminated Kuwaiti soil. 2007 , 57, 1482-1486	17
907	Large gene family expansion and variable selective pressures for cathepsin B in aphids. 2008 , 25, 5-17	56
906	Haloterrigena hispanica sp. nov., an extremely halophilic archaeon from Fuente de Piedra, southern Spain. 2007 , 57, 1499-1503	46
905	Aeromicrobium panaciterrae sp. nov., isolated from soil of a ginseng field in South Korea. 2007 , 57, 687-691	30
904	Origin of highly pathogenic H5N1 avian influenza virus in China and genetic characterization of donor and recipient viruses. 2007 , 88, 3094-3099	36
903	Comparison of cyanopeptolin genes in Planktothrix, Microcystis, and Anabaena strains: evidence for independent evolution within each genus. 2007 , 73, 7322-30	44
902	Origins of flagellar gene operons and secondary flagellar systems. 2007 , 189, 7098-104	56
901	Genetic divergence of Chikungunya viruses in India (1963-2006) with special reference to the 2005-2006 explosive epidemic. 2007 , 88, 1967-1976	232
900	Persicitalea jodogahamensis gen. nov., sp. nov., a marine bacterium of the family 'Flexibacteraceae', isolated from seawater in Japan. 2007 , 57, 1014-1017	16
899	Emergence of a virulent clade of Vibrio vulnificus and correlation with the presence of a 33-kilobase genomic island. 2007 , 73, 5553-65	72
898	Virgibacillus olivae sp. nov., isolated from waste wash-water from processing of Spanish-style green olives. 2007 , 57, 906-910	24
897	Methylobacterium oryzae sp. nov., an aerobic, pink-pigmented, facultatively methylotrophic, 1-aminocyclopropane-1-carboxylate deaminase-producing bacterium isolated from rice. 2007 , 57, 326-331	87
896	vanD and vanG-like gene clusters in a Ruminococcus species isolated from human bowel flora. 2007 , 51, 4111-7	26
895	The vitamin D receptor and its ligand 1alpha,25-dihydroxyvitamin D3 in Atlantic salmon (Salmo salar). 2007 , 193, 459-71	30
894	The essential nature of sphingolipids in plants as revealed by the functional identification and characterization of the Arabidopsis LCB1 subunit of serine palmitoyltransferase. 2006 , 18, 3576-93	122

- 893 Improvements to the hemagglutination inhibition test for serological assessment of recombinant fowlpox-H5-avian-influenza vaccination in chickens and its use along with an agar gel immunodiffusion test for differentiating infected from noninfected vaccinated animals. **2007**, 51, 697-704 19
- 892 Transfer of chloroplast genomic DNA to mitochondrial genome occurred at least 300 MYA. **2007**, 24, 2040-8 70
- 891 *Rubritalea squalenifaciens* sp. nov., a squalene-producing marine bacterium belonging to subdivision 1 of the phylum 'Verrucomicrobia'. **2007**, 57, 1630-1634 32
- 890 Base-compositional heterogeneity in the RAG1 locus among didelphid marsupials: implications for phylogenetic inference and the evolution of GC content. **2007**, 56, 83-96 44
- 889 Novel aspects of the sperm-associated antigen 11 (SPAG11) gene organization and expression in cattle (*Bos taurus*). **2007**, 76, 1103-16 14
- 888 Localization and diurnal expression of melanopsin, vertebrate ancient opsin, and pituitary adenylate cyclase-activating peptide mRNA in a teleost retina. **2007**, 22, 558-61 29
- 887 *Rubritalea spongiae* sp. nov. and *Rubritalea tangerina* sp. nov., two carotenoid- and squalene-producing marine bacteria of the family Verrucomicrobiaceae within the phylum 'Verrucomicrobia', isolated from marine animals. **2007**, 57, 2337-2343 35
- 886 Natural recombination event within the capsid genomic region leading to a chimeric strain of human enterovirus B. **2007**, 81, 8944-52 30
- 885 Tomato yellow leaf curl disease in Guangdong is caused by Tomato leaf curl Taiwan virus. **2007**, 4, 127-131 3
- 884 *Curtobacterium ammoniigenes* sp. nov., an ammonia-producing bacterium isolated from plants inhabiting acidic swamps in actual acid sulfate soil areas of Vietnam. **2007**, 57, 1447-1452 34
- 883 *Salinicoccus jeotgali* sp. nov., isolated from jeotgal, a traditional Korean fermented seafood. **2007**, 57, 633-638 28
- 882 Evolutionary mechanisms of persistence and diversification of a calicivirus within endemically infected natural host populations. **2007**, 81, 1961-71 47
- 881 *Pseudomonas reinekei* sp. nov., *Pseudomonas moorei* sp. nov. and *Pseudomonas mohnii* sp. nov., novel species capable of degrading chlorosalicylates or isopimaric acid. **2007**, 57, 923-931 41
- 880 Comparative genome analysis of the neurexin gene family in *Danio rerio*: insights into their functions and evolution. **2007**, 24, 236-52 28
- 879 *Haloarcula amylolytica* sp. nov., an extremely halophilic archaeon isolated from Aibi salt lake in Xin-Jiang, China. **2007**, 57, 103-106 28
- 878 Response to Comment on "Tequila, a Neurotrypsin Ortholog, Regulates Long-Term Memory Formation in *Drosophila*". **2007**, 316, 1698c-1698c
- 877 The genome of *Gryllus bimaculatus nudivirus* indicates an ancient diversification of baculovirus-related nonoccluded nudiviruses of insects. **2007**, 81, 5395-406 64
- 876 Complete nucleotide sequence of Middelburg virus, isolated from the spleen of a horse with severe clinical disease in Zimbabwe. **2007**, 88, 3078-3088 18

875	<i>Pseudosphingobacterium domesticum</i> gen. nov., sp. nov., isolated from home-made compost. 2007 , 57, 1535-1538	19
874	Interaction between the co-inherited TraG coupling protein and the TraJ membrane-associated protein of the H-plasmid conjugative DNA transfer system resembles chromosomal DNA translocases. 2007 , 153, 428-441	13
873	Ammonia-oxidizing beta-proteobacteria from the oxygen minimum zone off northern Chile. 2007 , 73, 3547-55	43
872	Typing of human enterovirus by partial sequencing of VP2. 2007 , 45, 2370-9	49
871	Development and application of an ethically and epidemiologically advantageous assay for the multi-locus microsatellite analysis of <i>Schistosoma mansoni</i> . 2007 , 134, 523-36	70
870	Cytochrome b pseudogene originated from a highly divergent mitochondrial lineage in genus <i>Rupicapra</i> . 2007 , 98, 243-9	14
869	Recent proliferation and translocation of pollen group 1 allergen genes in the maize genome. 2007 , 143, 1269-81	20
868	Evidence for persistent, occult infection in neonatal macaques following perinatal transmission of simian-human immunodeficiency virus SF162P3. 2007 , 81, 822-34	27
867	Independent evolution of overlapping polymerase and surface protein genes of hepatitis B virus. 2007 , 88, 2137-2143	44
866	Episodes of natural selection shaped the interactions of IgA-Fc with Fc α RI and bacterial decoy proteins. 2007 , 178, 7943-54	27
865	Convergent domestication of pogo-like transposases into centromere-binding proteins in fission yeast and mammals. 2008 , 25, 29-41	94
864	<i>Knoellia aerolata</i> sp. nov., isolated from an air sample in Korea. 2007 , 57, 2861-2864	19
863	A new poecilogonous species of sea slug (Opisthobranchia: Sacoglossa) from California: comparison with the planktotrophic congener <i>Alderia modesta</i> (Lov \grave{a} n, 1844). 2007 , 73, 29-38	41
862	Characterization and physical mapping of the porcine CDS1 and CDS2 genes. 2007 , 18, 23-35	7
861	Polyketide synthase genes and the natural products potential of <i>Dictyostelium discoideum</i> . 2007 , 23, 2543-9	32
860	Co-circulation of multiple rubella virus strains in Belarus forming novel genetic groups within clade 1. 2007 , 88, 1960-1966	17
859	Gametogenesis in the <i>Chlamydomonas reinhardtii</i> minus mating type is controlled by two genes, MID and MTD1. 2007 , 176, 913-25	66
858	<i>Cryptosporidium</i> spp. from small mammals in the New York City watershed. 2007 , 43, 586-96	24

857	Full-length genome sequences of hepatitis C virus subtype 4f. 2007 , 88, 2985-2990	15
856	Molecular analysis of highly pathogenic avian influenza virus of subtype H5N1 isolated from wild birds and mammals in northern Germany. 2007 , 88, 554-558	82
855	Evolutionary selection pressure and family relationships among connexin genes. 2007 , 388, 253-64	41
854	Transposable element dynamics of the hAT element Herves in the human malaria vector <i>Anopheles gambiae</i> s.s. 2007 , 176, 2477-87	13
853	Fluoroquinolone resistance in atypical pneumococci and oral streptococci: evidence of horizontal gene transfer of fluoroquinolone resistance determinants from <i>Streptococcus pneumoniae</i> . 2007 , 51, 2690-700	12
852	Evolution of hydra, a recently evolved testis-expressed gene with nine alternative first exons in <i>Drosophila melanogaster</i> . 2007 , 3, e107	46
851	<i>Cerasicoccus arenae</i> gen. nov., sp. nov., a carotenoid-producing marine representative of the family Puniceococcaceae within the phylum 'Verrucomicrobia', isolated from marine sand. 2007 , 57, 2067-2072	21
850	Combined multilocus sequence typing and O serogrouping distinguishes <i>Escherichia coli</i> subtypes associated with infant urosepsis and/or meningitis. 2007 , 196, 297-303	79
849	Nickel resistance determinants in bradyrhizobium strains from nodules of the endemic New Caledonia legume <i>Serianthes calycina</i> . 2007 , 73, 8018-22	44
848	<i>Streptococcus ictaluri</i> sp. nov., isolated from Channel Catfish <i>Ictalurus punctatus</i> broodstock. 2007 , 57, 1603-1606	25
847	Distribution of the <i>clpX</i> gene in <i>Brachyspira</i> species and reactivity of recombinant <i>Brachyspira pilosicoli</i> ClpX with sera from mice and humans. 2007 , 56, 930-936	5
846	Taxonomy of little bent-winged bats (<i>Miniopterus</i> , <i>Miniopteridae</i>) from the African islands of S [^] ̄ Tom [^] ; Grand Comoro and Madagascar, based on mtDNA. 2007 , 9, 27-37	13
845	<i>Gulbenkiania mobilis</i> gen. nov., sp. nov., isolated from treated municipal wastewater. 2007 , 57, 1108-1112	33
844	Molecular epidemiology of avian leukosis virus subgroup J and evolutionary history of its 3' untranslated region. 2007 , 51, 942-53	31
843	First characterization of fluoroquinolone resistance in <i>Streptococcus suis</i> . 2007 , 51, 777-82	28
842	<i>Smaragdicoccus niigatensis</i> gen. nov., sp. nov., a novel member of the suborder Corynebacterineae. 2007 , 57, 297-301	43
841	<i>Haemophilus haemolyticus</i> : a human respiratory tract commensal to be distinguished from <i>Haemophilus influenzae</i> . 2007 , 195, 81-9	187
840	<i>Niabella aurantiaca</i> gen. nov., sp. nov., isolated from a greenhouse soil in Korea. 2007 , 57, 538-541	43

839	Phylogeny of the <i>Mycoplasma mycoides</i> cluster based on analysis of five conserved protein-coding sequences and possible implications for the taxonomy of the group. 2007 , 57, 2247-2258	75
838	<i>Shewanella canadensis</i> sp. nov. and <i>Shewanella atlantica</i> sp. nov., manganese dioxide- and hexahydro-1,3,5-trinitro-1,3,5-triazine-reducing, psychrophilic marine bacteria. 2007 , 57, 2155-2162	23
837	Molecular differentiation at nuclear loci in French host races of the European corn borer (<i>Ostrinia nubilalis</i>). 2007 , 176, 2343-55	40
836	Real-time PCR for diagnosis of human bocavirus infections and phylogenetic analysis. 2007 , 45, 2116-22	81
835	Population and evolutionary dynamics of Helitron transposable elements in <i>Arabidopsis thaliana</i> . 2007 , 24, 2515-24	60
834	Variation in mutation rate and polymorphism among mitochondrial genes of <i>Silene vulgaris</i> . 2007 , 24, 1783-91	48
833	Comparative sequence analyses reveal rapid and divergent evolutionary changes of the WFDC locus in the primate lineage. 2007 , 17, 276-86	59
832	Codes in the Damerau Distance for Deletion and Adjacent Transposition Correction. 2018 , 64, 2550-2570	22
831	A DM9-containing protein from oyster <i>Crassostrea gigas</i> (CgDM9CP-2) serves as a multipotent pattern recognition receptor. 2018 , 84, 315-326	16
830	High mobility group box transcription factor 1 (HBP1) from <i>Lampetra japonica</i> affects cell cycle regulation. 2018 , 60, 146-157	3
829	Molecular phylogeny of the crab genus <i>Metopograpsus</i> H. Milne Edwards, 1853 (Decapoda : Brachyura : Grapsidae) reveals high intraspecific genetic variation and distinct evolutionarily significant units. 2018 , 32, 215	7
828	Identification of harmful protozoa in outdoor cultivation of <i>Chlorella</i> and the use of ultrasonication to control contamination. 2018 , 31, 298-310	22
827	Phylogenetic relationship of <i>Ornithobacterium rhinotracheale</i> strains. 2018 , 80, 869-873	11
826	Characterisation and functional comparison of single-CRD and multidomain containing galectins CgGal-2 and CgGal-3 from oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , 2018 , 78, 238-247	4-3 5
825	Phylogeography and Species Boundaries In the <i>Hydromantes shastae</i> Complex, With Description of Two New Species (Amphibia; Caudata; Plethodontidae). 2018 , 161, 403-427	7
824	Structural and enzymatic analysis of the cytochrome b reductase domain of <i>Ulva prolifera</i> nitrate reductase. 2018 , 111, 1175-1182	4
823	Genetic diversity and relationship of sainfoin (<i>Onobrychis viciifolia</i> Scop.) germplasm as revealed by amplified fragment length polymorphism markers. 2018 , 98, 543-551	2
822	Molecular cloning and characterization of Pif gene from pearl mussel, , and the gene expression analysis during pearl formation. 2018 , 8, 214	3

821	Neurokinin B signaling in hermaphroditic species, a study of the orange-spotted grouper (<i>Epinephelus coioides</i>). 2018 , 260, 125-135	13
820	Phylogeny and salt-tolerance of freshwater Nostocales strains: Contribution to their systematics and evolution. 2018 , 73, 58-71	2
819	The superoxide dismutase genes might be required for appropriate development of the ovule after fertilization in <i>Xanthoceras sorbifolium</i> . 2018 , 37, 727-739	7
818	Probing the folding pathway of a consensus serpin using single tryptophan mutants. <i>Scientific Reports</i> , 2018 , 8, 2121	4.9 10
817	A euryhaline fish, lost in the desert: The unexpected metapopulation structure of <i>Coptodon guineensis</i> (Günther, 1862) in the Sebkhah of Imlili. 2018 , 341, 75-84	0
816	The discovery and comparative expression analysis of three distinct type I interferons in the perciform fish, meagre (<i>Argyrosomus regius</i>). 2018 , 84, 123-132	11
815	Expanding Primary Metabolism Helps Generate the Metabolic Robustness To Facilitate Antibiotic Biosynthesis in. 2018 , 9,	24
814	The succinate dehydrogenase PsSDHB is involved in hyphal morphology, chemical stress response and pathogenicity of <i>Phytophthora sojae</i> . 2018 , 102, 8-16	3
813	Sex ratios of the tick <i>Ixodes arboricola</i> are strongly female-biased, but there are no indications of sex-distorting bacteria. 2018 , 9, 307-313	9
812	Production of gellan gum, an exopolysaccharide, from biodiesel-derived waste glycerol by spp. 2018 , 8, 71	29
811	A probable anthropic origin of <i>Nerium oleander</i> L. (Apocynaceae) population in Montecristo island (Italy, Tuscany): evidence from loci polymorphism and ISSR analysis. 2018 , 71, 50-57	3
810	Respiratory Syncytial Virus Genotypes, Host Immune Profiles, and Disease Severity in Young Children Hospitalized With Bronchiolitis. 2017 , 217, 24-34	51
809	Genetic structure, divergence and admixture of Han Chinese, Japanese and Korean populations. 2018 , 155, 19	48
808	Genomic characterization of a RdRp-recombinant neovirus strain with a novel VP1 genotype. 2018 , 251, 6-13	7
807	DNA barcode identification of commercial fish sold in Mexican markets. 2018 , 61, 457-466	18
806	Genetic diversity detection and gene discovery of novel glycoside hydrolase family 48 from soil environmental genomic DNA. 2018 , 68, 163-174	2
805	Analysis of the genetic diversity and structure of the Eastern Marsh Harrier in Japan using mitochondrial DNA. 2018 , 159, 73-78	6
804	Shifts in the community composition of methane-cycling microorganisms during lake shrinkage. 2018 , 311, 9-14	6

803	Ethnic derivation of the Ainu inferred from ancient mitochondrial DNA data. 2018 , 165, 139-148	10
802	Isolation and characterization of three novel catechol 2,3-dioxygenase from three novel haloalkaliphilic BTEX-degrading <i>Pseudomonas</i> strains. 2018 , 106, 1107-1114	16
801	Identification and characterization of cationic amino acid transporters (CATs) in tea plant (<i>Camellia sinensis</i>). 2018 , 84, 57-69	21
800	First molecular identification of kobuviruses in wolves (<i>Canis lupus</i>) in Italy. 2018 , 163, 509-513	15
799	Potential role of wolf (<i>Canis lupus</i>) as passive carrier of European brown hare syndrome virus (EBHSV). 2018 , 117, 81-84	2
798	Characterization of a genetically distinct subpopulation of <i>Staphylococcus haemolyticus</i> isolated from milk of cows with intramammary infections. 2018 , 214, 28-35	1
797	UPLC-MS/MS analysis of antibiotics in pharmaceutical effluent in Tunisia: ecotoxicological impact and multi-resistant bacteria dissemination. 2018 , 200, 553-565	11
796	Characterization of two channel catfish, <i>Ictalurus punctatus</i> , glucocorticoid receptors and expression following an acute stressor. 2018 , 216, 42-51	4
795	Genetic diversification and population structure of <i>Barbus cyri</i> De Filippi, 1865 (Teleostei: Cyprinidae) in northern Iran inferred from the mitochondrial D-loop gene sequence. 2018 , 101, 181-192	4
794	SugE belongs to the small multidrug resistance (SMR) protein family involved in tributyltin (TBT) biodegradation and bioremediation by alkaliphilic <i>Stenotrophomonas chelatiphaga</i> HS2. 2018 , 108, 1219-1226 ¹	
793	Microbiota associated with tubes of <i>Escarpia</i> sp. from cold seeps in the southwestern Atlantic Ocean constitutes a community distinct from that of surrounding marine sediment and water. 2018 , 111, 533-550	13
792	Extracts from Marine Macroalgae and <i>Opuntia ficus-indica</i> Cladodes Enhance Halotolerance and Enzymatic Potential of Diazotrophic Rhizobacteria and Their Impact on Wheat Germination Under Salt Stress. 2018 , 28, 241-254	5
791	MALDI-TOF MS as a tool for the identification of <i>Vibrio alginolyticus</i> from <i>Perna perna</i> mussels (Linnaeus, 1758). 2018 , 38, 1511-1517	1
790	Mutagenesis of , a Regulator Gene of Polyhydroxyalkanoate Biosynthesis of pv. Caused Pleiotropic Phenotype Changes. 2018 , 9, 3046	7
789	Isolation and Characterization of Avian from Symptomatic Pet Birds in Southern Hunan, China. 2019 , 63, 31-37	5
788	Research Article The genetic diversity and population structure of <i>Genipa Americana</i> (Rubiaceae) in Northern Mato Grosso, Brazil. 2018 , 17,	2
787	A large HCV transmission network enabled a fast-growing HIV outbreak in rural Indiana, 2015. 2018 , 37, 374-381	30
786	(Trichocomaceae): A Natural, Eco-Friendly Mycoinsecticide for Control of Malaria, Filariasis, Dengue Vectors and Its Toxicity Assessment Against an Aquatic Model Organism. 2018 , 9, 1355	3

785	Niche Separation of Ammonia Oxidizers in Mudflat and Agricultural Soils Along the Yangtze River, China. 2018 , 9, 3122	2
784	GoFish: A versatile nested PCR strategy for environmental DNA assays for marine vertebrates. 2018 , 13, e0198717	14
783	SPOC domain-containing protein Leaf inclination3 interacts with LIP1 to regulate rice leaf inclination through auxin signaling. 2018 , 14, e1007829	11
782	Novel Approach to Find the Various Stages of Chronic Myeloid Leukemia Using Dynamic Short Distance Pattern Matching Algorithm. 2018 ,	1
781	Intestinal bacteria detected in cancer and adjacent tissue from patients with colorectal cancer. 2019 , 17, 1115-1127	7
780	Folklore Versus Genetics: A Mitochondrial DNA Investigation About the Origin and Antiquity of the Adi Sub-tribes of Arunachal Pradesh, India. 2018 , 161-185	1
779	Effect of inoculum and substrate/inoculum ratio on the performance and methanogenic archaeal community structure in solid state anaerobic co-digestion of tomato residues with dairy manure and corn stover. 2018 , 81, 117-127	25
778	Shifts in the Community Dynamics and Activity of Ammonia-Oxidizing Prokaryotes Along the Yangtze Estuarine Salinity Gradient. 2018 , 123, 3458-3469	10
777	Arsenic Bioremediation by Indigenous Heavy Metal Resistant Bacteria of Fly Ash Pond. 2018 , 101, 527-535	14
776	Molecular characterization, expression profile, and preliminary evaluation of diagnostic potential of CD63 in <i>Schistosoma japonicum</i> . 2018 , 117, 3625-3631	5
775	Culturable fungal diversity and cellulase production by mixed culture <i>Aspergillus</i> fungi from Sanya mangrove. 2019 , 64, 293-298	3
774	Molecular characterization of methionine aminopeptidase 2 () gene and evaluation of anti-microsporidian activity of Fumagilin-B in silkworm. 2018 , 8, 386	1
773	Ecological niche differentiation of ammonia-oxidising archaea and bacteria in acidic soils due to land use change. 2018 , 56, 71	10
772	Rag1 and rag2 gene expressions identify lymphopoietic tissues in juvenile and adult Chinese giant salamander (<i>Andrias davidianus</i>). 2018 , 87, 24-35	6
771	Subtle regulation of cotton resistance to <i>Verticillium</i> wilt mediated by MAPKK family members. 2018 , 272, 235-242	9
770	A novel C-type lectin from the sea cucumber <i>Apostichopus japonicus</i> (AjCTL-2) with preferential binding of d-galactose. <i>Fish and Shellfish Immunology</i> , 2018 , 79, 218-227	4-3 10
769	Single nucleotide polymorphism (SNP) characterization of drought-responsive genes to estimate genetic variation of <i>Populus tremula</i> var. <i>davidiana</i> and eight other <i>Populus</i> species. 2018 , 48, 689-696	3
768	Tick-Bacteria Mutualism Depends on B Vitamin Synthesis Pathways. 2018 , 28, 1896-1902.e5	118

767	Structural and functional characterization of peptide YY on feeding in <i>Schizothorax davidi</i> . 2018 , 329, 55-61	2
766	Composition of High Molecular Weight Glutenin Subunits in Polish Common Wheat Cultivars (<i>Triticum aestivum</i> L.). 2018 , 2018, 1-8	2
765	Variation in reproductive modes and population genetic structures of a monocarpic perennial herb, <i>Cardiocrinum cordatum</i> , in relation to habitat fragmentation. 2018 , 33, 248-258	3
764	Competing RNA pairings in complex alternative splicing of a 3' variable region. 2018 , 24, 1466-1480	8
763	The firefly genus <i>Pteroptyx</i> Olivier revisited (Coleoptera: Lampyridae: Luciolinae). 2018 , 4456, 1-71	16
762	A comparative computational genomics of Ebola Virus Disease strains: In-silico Insight for Ebola control. 2018 , 12, 106-119	4
761	Molecular Techniques to Register and Commercialize a <i>Penicillium rubens</i> Strain as a Biocontrol Agent. 2018 , 97-117	2
760	Molecular Characterization of the Gene Family in. 2018 , 9, 952	17
759	Identification of a novel hydrogen producing bacteria from sugarcane bagasse waste. 2018 , 15, 277-282	7
758	Reduction of Hexavalent Chromium and Detection of Chromate Reductase (ChrR) in <i>Stenotrophomonas maltophilia</i> . 2018 , 23,	53
757	HIV-1 Subtypes and 5'LTR-Leader Sequence Variants Correlate with Seroconversion Status in Pumwani Sex Worker Cohort. 2017 , 10,	3
756	Epidemiological Outbreaks of Measles Virus in Kazakhstan during 2015. 2018 , 71, 354-359	4
755	Characterization of a ripening-related transcription factor FcNAC1 from <i>Fragaria chiloensis</i> fruit. <i>Scientific Reports</i> , 2018 , 8, 10524	4.9 19
754	Genetic survey on a reed-bed in Central Italy showing early die-back symptoms. 2018 , 73, 743-751	
753	ZmbZIP4 Contributes to Stress Resistance in Maize by Regulating ABA Synthesis and Root Development. 2018 , 178, 753-770	65
752	Effects of Pleistocene climate change on genetic structure and diversity of <i>Shorea macrophylla</i> in Kalimantan Rainforest. 2018 , 14, 1	5
751	Low prevalence of HCV infection with predominance of genotype 4 among HIV patients living in Libreville, Gabon. 2018 , 13, e0190529	1
750	Parasitic relationship of <i>Cistanche deserticola</i> and host-plant <i>Haloxylon ammodendron</i> based on genetic variation of host. 2019 , 11, 267-274	1

749	Persulphide-responsive transcriptional regulation and metabolism in bacteria. 2020 , 167, 125-132	3
748	Archival DNA reveals cryptic biodiversity within the Spotted Shag (<i>Phalacrocorax punctatus</i>) from New Zealand. 2019 , 121,	0
747	First detection of neboviruses in yak (<i>Bos grunniens</i>) and identification of a novel neboviruses based on complete genome. 2019 , 236, 108388	4
746	Challenges in funding and developing genomic software: roots and remedies. 2019 , 20, 147	13
745	A <i>Hedychium coronarium</i> short chain alcohol dehydrogenase is a player in allo-ocimene biosynthesis. 2019 , 101, 297-313	5
744	Molecular Characterization and Functional Analysis of Leucine Zipper Transcription Factor Like 1 in Zebrafish (). 2019 , 10, 801	0
743	Molecular Epidemiology of Species Complex Strains Causing Bacterial Wilt of Potato in Uganda. 2019 , 109, 1922-1931	14
742	Genetic Differentiation among Commercial Lines of Laying-type Japanese Quail. 2019 , 56, 12-19	3
741	Identification and characterization of a LuxI/R-type quorum sensing system in <i>Pseudoalteromonas</i> . 2019 , 170, 243-255	10
740	Characterization of a novel marine origin aerobic nitrifying-denitrifying bacterium isolated from shrimp culture ponds. 2019 , 50, 1770-1781	7
739	Research Article Genetic diversity of Brazil-nut populations naturally occurring in the municipality of Alta Floresta, MT, Brazil. 2019 , 18,	1
738	A population genetic study of the egg parasitoid <i>Baryscapus servadeii</i> reveals large scale automictic parthenogenesis and almost fixed homozygosity. 2019 , 139, 104097	5
737	Essentials of Bioinformatics, Volume III. 2019 ,	
736	Evaluation of the biocontrol potential of <i>Aspergillus welwitschiae</i> against the root-knot nematode <i>Meloidogyne graminicola</i> in rice (<i>Oryza sativa</i> L.). 2019 , 18, 2561-2570	6
735	Isolation of endophytic fungi and screening of Huperzine A-producing fungus from <i>Huperzia serrata</i> in Vietnam. <i>Scientific Reports</i> , 2019 , 9, 16152	4.9 10
734	Symbiotic cellulolytic bacteria from the gut of the subterranean termite <i>Psammotermes hypostoma</i> Desneux and their role in cellulose digestion. 2019 , 9, 111	21
733	Cadmium-resistant rhizobacterium <i>Bacillus cereus</i> M4 promotes the growth and reduces cadmium accumulation in rice (<i>Oryza sativa</i> L.). 2019 , 72, 103265	17
732	Identification of new regulators through transcriptome analysis that regulate anthocyanin biosynthesis in apple leaves at low temperatures. 2019 , 14, e0210672	17

731	Tracing membrane biofouling to the microbial community structure and its metabolic products: An investigation on the three-stage MBR combined with worm reactor process. 2019 , 278, 165-174	12
730	A Comparative Study of Insect Succession on Rabbit Carrion in Three Different Microhabitats. 2019 , 56, 671-680	5
729	Evolution of SSR diversity from wild types to U.S. advanced cultivars in the Andean and Mesoamerican domestications of common bean (<i>Phaseolus vulgaris</i>). 2019 , 14, e0211342	20
728	Novel variant strains of infectious bursal disease virus isolated in China. 2019 , 230, 212-220	42
727	A Novel Nicotine-Degrading Bacterium <i>Pseudomonas fluorescens</i> Strain 1206. 2019 , 55, 123-128	4
726	Phylogeography of (Lepidoptera: Lasiocampidae): Population differentiation and last glacial maximum survival. 2019 , 9, 7480-7496	5
725	Dark and photofermentation H ₂ production from hydrolyzed biomass of the potent extracellular polysaccharides producing cyanobacterium <i>Nostoc commune</i> and intracellular polysaccharide (glycogen) enriched <i>Anabaena variabilis</i> NIES-2095. 2019 , 44, 16199-16211	8
724	Positive Selection of Squalene Synthase in Cucurbitaceae Plants. 2019 , 2019, 5913491	7
723	Cloning, expression profiling, and effects of fasting status on neuropeptide Y in <i>Schizothorax davidi</i> . 2019 , 43, e12892	1
722	Three forms of cocaine- and amphetamine-regulated transcript may be involved in food intake regulation in gibel carp (<i>Carassius auratus gibelio</i>). 2019 , 45, 921-933	2
721	Monosaccharide composition influence and immunomodulatory effects of probiotic exopolysaccharides. 2019 , 133, 575-582	34
720	Lignocellulosic hydrogen production using dark fermentation by strain Cel10 newly isolated from excrement.. 2019 , 9, 11179-11185	15
719	Molecular systematics, biogeography and taxonomy of forest-falcons in the <i>Micrastur ruficollis</i> species complex (Aves: Falconidae). 2019 , 50,	1
718	<i>Ehrlichia</i> spp. infection in domestic cats from Rio de Janeiro State, southeast Brazil. 2019 , 28, 180-185	5
717	The complete mitochondrial genome of <i>Sparus aurata</i> (Perciformes: Sparidae) with phylogenetic consideration. 2019 , 4, 971-972	
716	Identification of leucoanthocyanidin reductase and anthocyanidin reductase genes involved in proanthocyanidin biosynthesis in <i>Malus crabapple</i> plants. 2019 , 139, 141-151	12
715	Analyses of Burial Codon Bias Among the Species of Dipterothripidae Through Molecular and Phylogenetic Data. 2019 , 15, 1176934319834888	2
714	<i>Spirulina platensis</i> -Polysaccharides Promoted Green Silver Nanoparticles Production Using Gamma Radiation to Suppress the Expansion of Pear Fire Blight-Producing <i>Erwinia amylovora</i> . 2019 , 30, 919-935	19

713	Nutrient recovery and microbial diversity in human urine fed microbial fuel cell. 2019 , 79, 718-730	10
712	Tissue localization of Coxiella-like endosymbionts in three European tick species through fluorescence in situ hybridization. 2019 , 10, 798-804	18
711	Identification and characterization of novel bacterial polyaromatic hydrocarbon-degrading enzymes as potential tools for cleaning up hydrocarbon pollutants from different environmental sources. 2019 , 67, 108-116	6
710	Pathogenic Characterization and Full Length Genome Sequence of a Reassortant Infectious Bursal Disease Virus Newly Isolated in Pakistan. 2019 , 34, 102-105	9
709	Revision of the <i>Parasesarma guttatum</i> species complex reveals a new pseudocryptic species in south-east African mangroves. 2019 ,	
708	Microbiomes of China's Space Station During Assembly, Integration, and Test Operations. 2019 , 78, 631-650	6
707	Molecular characterization of monocrotophos and chlorpyrifos tolerant bacterial strain for enhancing seed germination of vegetable crops. 2019 , 223, 636-650	20
706	Successive phytoextraction alters ammonia oxidation and associated microbial communities in heavy metal contaminated agricultural soils. 2019 , 664, 616-625	14
705	Probiotic and hepatoprotective activity of lactobacillus isolated from Mongolian camel milk products. 2019 , 10, 699-710	8
704	Research Article Genetic diversity and population structure of cassava ethno-varieties grown in six municipalities in the state of Mato Grosso, Brazil. 2019 , 18,	1
703	Gradual replacement of all previously circulating respiratory syncytial virus A strain with the novel ON1 genotype in Lanzhou from 2010 to 2017. 2019 , 98, e15542	5
702	Equine Mx1 Restricts Influenza A Virus Replication by Targeting at Distinct Site of its Nucleoprotein. 2019 , 11,	2
701	Genetic variation analysis of the cosmopolitan chaetognath in the northern South China Sea based on mitochondrial COI gene sequences. 2019 , 4, 5-7	1
700	BIIGA: Bioinformatics inspired image grouping approach. 2019 , 78, 14355-14377	
699	Characteristics of the polymeric immunoglobulin receptor (pIgR) of commercial grass carp and the immune response of pIgR and immunoglobulin to <i>Flavobacterium columnare</i> . 2019 , 85, 101-112	2
698	High Virulence of Mexican Entomopathogenic Fungi Against Fall Armyworm, (Lepidoptera: Noctuidae). 2019 , 112, 99-107	9
697	T4-type viruses: Important impacts on shaping bacterial community along a chronosequence of 2000-year old paddy soils. 2019 , 128, 89-99	13
696	Development of host strains and vector system for an efficient genetic transformation of filamentous fungi. 2019 , 101, 1-9	3

695	Identification and characterization of FRUITFULL-like genes from <i>Platanus acerifolia</i> , a basal eudicot tree. 2019 , 280, 206-218	5
694	Isolation and characterization of an antioxidant exopolysaccharide produced by <i>Bacillus</i> sp. S-1 from Sichuan Pickles. 2019 , 204, 9-16	48
693	Whole genome sequence analysis of <i>Geitlerinema</i> sp. FC II unveils competitive edge of the strain in marine cultivation system for biofuel production. 2019 , 111, 465-472	2
692	Broccoli Plants Over-expressing an ERF Transcription Factor Gene BoERF1 Facilitates Both Salt Stress and Sclerotinia Stem Rot Resistance. 2019 , 38, 1-13	20
691	Partitioning kin groups of broodstock in the critically endangered Chinese sturgeon, <i>Acipenser sinensis</i> Gray 1835. 2019 , 35, 87-93	
690	Inhibition of Methicillin Resistant <i>Staphylococcus aureus</i> by Bacteriocin Producing <i>Pseudomonas aeruginosa</i> . 2019 , 25, 339-348	6
689	Seroepidemiology and phylogenetic analysis of human herpesvirus type 8 in injection drug users and men who have sex with men in northern Taiwan. 2020 , 48, 300060518764747	3
688	Whole genome sequencing and genome annotation of the wild edible mushroom, <i>Russula griseocarnosa</i> . 2020 , 112, 603-614	7
687	Strain-specific responses of toxic and non-toxic <i>Microcystis aeruginosa</i> to exudates of heterotrophic bacteria. 2020 , 847, 75-89	5
686	Comparative genetic stock structure in three species of commercially exploited Indo-Malay Carangidae (Teleostei, Perciformes). 2020 , 96, 337-349	7
685	Investigating the kisspeptin system in the hermaphrodite teleost gilthead seabream (<i>Sparus aurata</i>). 2020 , 241, 110624	3
684	Over-Expression of a Transcription Factor Gene BoC3H4 Enhances Salt Stress Tolerance but Reduces Sclerotinia Stem Rot Disease Resistance in Broccoli. 2020 , 39, 1162-1176	2
683	Evidence for niche differentiation of nitrifying communities in grassland soils after 44 years of different field fertilization scenarios. 2020 , 30, 87-97	8
682	Production, purification and kinetic characterization of glutaminase free anti-leukemic L-asparaginase with low endotoxin level from novel soil isolate. 2020 , 50, 260-271	9
681	Distribution and Diversity of Comammox in Coastal Wetlands of China. 2020 , 11, 589268	18
680	Optimization for enhanced ecofriendly decolorization and detoxification of Reactive Blue 160 textile dye by. 2020 , 28, e00522	8
679	Analysis of codon usage bias of chloroplast genes in <i>Oryza</i> species : Codon usage of chloroplast genes in <i>Oryza</i> species. 2020 , 252, 67	8
678	Effects of commonly used nitrification inhibitors dicyandiamide (DCD), 3,4-dimethylpyrazole phosphate (DMPP), and nitrapyrin on soil nitrogen dynamics and nitrifiers in three typical paddy soils. 2020 , 380, 114637	16

677	Endo-allopolyploidy of autopolyploids and recurrent hybridization: A possible mechanism to explain the unresolved Y-genome donor in polyploid <i>Elymus</i> species (Triticeae: Poaceae). 2020 ,		2
676	Population Genetics of from Endemic and Nonendemic Areas for Zoonotic Cutaneous Leishmaniasis in Morocco, as Revealed by Gene Subunit I Sequencing. <i>Microorganisms</i> , 2020 , 8,	4-9	5
675	The Mitochondrial Markers Provide New Insights Into the Population Demographic History of <i>Coilia nasus</i> With Two Ecotypes (Anadromous and Freshwater). <i>Frontiers in Marine Science</i> , 2020 , 7,	4-5	2
674	Molecular and Biological Characterization of Multiple Nucleopolyhedrovirus Field Isolate and Genotypes from China. 2020 , 11,		7
673	Molecular characterization of a new bipartite begomovirus that infects okra plants in Guerrero, Mexico. 2020 , 127, 753-762		
672	The Intermediates in Branched-Chain Amino Acid Biosynthesis Are Indispensable for Conidial Germination of the Insect-Pathogenic Fungus <i>Metarhizium</i> . 2020 , 86,		6
671	Studies on the bioactive properties of <i>Penicillium mallochi</i> ARA-1 pigment isolated from coffee plantation. 2020 , 30, 101841		2
670	Potent novel inhibitors against hepatitis C virus NS3 (HCV NS3 GT-3a) protease domain. 2020 , 101, 107727		2
669	Dissecting Transcription Factor-Target Interaction in Bovine Coronavirus Infection. <i>Microorganisms</i> , 2020 , 8,	4-9	0
668	Algal Genomics. 2020 , 1773-1790		
667	Highly efficient gene transfer in the mouse gut microbiota is enabled by the IncI conjugative plasmid TP114. 2020 , 3, 523		13
666	The roles of vicariance and isolation by distance in shaping biotic diversification across an ancient archipelago: evidence from a Seychelles caecilian amphibian. 2020 , 20, 110		1
665	Comparative Analysis on Mitochondrial Control Region DNA Diversity of Three Far Eastern catfish (<i>Silurus asotus</i>) Populations. 2020 , 20,		
664	. 2020 , 8, 220692-220702		0
663	Abundance and community structure of ammonium monooxygenase (<i>amoA</i>) genes in the wet season of Liaohe estuary sediments. 2020 , 209, 104253		2
662	Prevalence and characteristics of a novel bovine adenovirus type 3 with a natural deletion fiber gene. 2020 , 83, 104348		4
661	Improved Environmental DNA Reference Library Detects Overlooked Marine Fishes in New Jersey, United States. <i>Frontiers in Marine Science</i> , 2020 , 7,	4-5	15
660	Sorting the wheat from the chaff: a review of BINs associated with groupers of Vietnam and the implications for species identification from DNA barcoding. 2020 , 50, 1		3

659	Prevalence and genomic characteristics of a novel reassortment mammalian orthoreovirus type 2 in diarrhea piglets in Sichuan, China. 2020 , 85, 104420	2
658	The circulation of unique reassortment strains of infectious bursal disease virus in Pakistan. 2020 , 19, 1867-1875	4
657	Bioinoculants play a significant role in shaping the rhizospheric microbial community: a field study with <i>Cajanus cajan</i> . 2020 , 36, 44	7
656	Comparison of the complete mitochondrial genome of <i>Phyllophorus liuwutiensis</i> (Echinodermata: Holothuroidea: Phyllophoridae) to that of other sea cucumbers. 2020 , 10, 1587-1600	3
655	The relevance of enzyme specificity for coenzymes and the presence of 6-phosphogluconate dehydrogenase for polyhydroxyalkanoates production in the metabolism of <i>Pseudomonas</i> sp. LFM046. 2020 , 163, 240-250	3
654	Genome-wide analysis of maize MBD gene family and expression profiling under abiotic stress treatment at the seedling stage. 2020 , 14, 323-338	2
653	Development and characterization of a duplex PCR assay in Chinese sturgeon (<i>Acipenser sinensis</i>) for genetic analysis. <i>Scientific Reports</i> , 2020 , 10, 3451	4-9
652	Production and purification of bioflocculants from newly isolated bacterial species: a comparative decolourization study of cationic and anionic textile dyes. 2021 , 42, 3663-3674	5
651	Isolation and characterization of R2R3-MYB and basic helix-loop-helix (bHLH) transcription factors involved in anthocyanin biosynthesis in tulip tepals. 2020 , 42, 1	2
650	Antagonistic activity and mechanism of a novel <i>Bacillus amyloliquefaciens</i> MB40 strain against fire blight. 2020 , 102, 825-833	2
649	Characterization and whole genome sequencing of a novel strain of <i>Bergeyella cardium</i> related to infective endocarditis. 2020 , 20, 32	1
648	A novel huperzine A-producing endophytic fungus <i>Fusarium</i> sp. Rsp5.2 isolated from <i>Huperzia serrate</i> . 2020 , 42, 987-995	9
647	Interaction between serine carboxypeptidase-like protein TtGS5 and Annexin D1 in developing seeds of <i>Triticum timopheevi</i> . 2020 , 61, 151-162	1
646	Diversity and Antimicrobial Activity of Culturable Fungal Endophytes in. 2020 , 17,	8
645	Methylation of MdMYB1 locus mediated by RdDM pathway regulates anthocyanin biosynthesis in apple. 2020 , 18, 1736-1748	15
644	Identification and Characterization of Novel Thermophilic Bacteria from Hot Springs, Erzurum, Turkey. 2020 , 77, 979-987	6
643	Molecular evidence of the spotted fever group Rickettsiae in ticks from Yunnan Province, Southwest China. 2020 , 80, 339-348	5
642	Genetic diversity and profiles of genes associated with virulence and stress resistance among isolates from the 2010-2013 interagency <i>Listeria monocytogenes</i> market basket survey. 2020 , 15, e0231393	21

641	Influenza A H1N1 Virus 2009 Synthetic Hemagglutinin and Neuraminidase Peptides for Antibody Detection. 2020 , 51, 436-443		1
640	Characterization and expression of macrophage migration inhibitory factor (mif) in Chinese sturgeon (<i>Acipenser sinensis</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 103, 9-16	4-3	3
639	Molecular cloning and expression of AmCDPK from mangrove <i>Avicennia marina</i> under elevated temperature. 2020 , 29, 707-717		1
638	The structure of a novel membrane-associated 6-phosphogluconate dehydrogenase from <i>Gluconacetobacter diazotrophicus</i> (Gd6PGD) reveals a subfamily of short-chain 6PGDs. 2021 , 288, 1286-1304		3
637	Distinctively altered lignin biosynthesis by site-modification of OsCAD2 for enhanced biomass saccharification in rice. 2021 , 13, 305-319		8
636	Fungal endophytes alleviate salt stress in wheat in terms of growth, ion homeostasis and osmoregulation. 2021 , 130, 913-925		10
635	Latitudinal gradients in genetic diversity and natural selection at a highly adaptive gene in terrestrial mammals. 2021 , 44, 206-218		5
634	Description of the ovarian microbiota of <i>Aedes aegypti</i> (L) Rockefeller strain. 2021 , 214, 105765		2
633	Cloning and structural analysis of complement component 3d in wild birds provides insight into its functional evolution. 2021 , 117, 103979		2
632	Timing strains of the marine insect <i>Clunio marinus</i> diverged and persist with gene flow. 2021 , 30, 1264-1280		7
631	Molecular Characterization of MAF1 and Its Potential Role as an Anti-Viral Hemorrhagic Septicaemia Virus Factor in Hirame Natural Embryo Cells. 2021 , 22,		5
630	Multiplex species-specific PCR identification of native giant clams in the South China Sea: A useful tool for application in giant clam stock management and forensic identification. 2021 , 531, 735991		1
629	Maize Plants Chimeric for an Autoactive Resistance Gene Display a Cell-Autonomous Hypersensitive Response but Non-Cell Autonomous Defense Signaling. 2021 , 34, 606-616		0
628	Sex steroids and steroidogenesis-related genes in the sea cucumber, <i>Holothuria scabra</i> and their potential role in gonad maturation. <i>Scientific Reports</i> , 2021 , 11, 2194	4-9	4
627	Vector competence of the African argasid tick <i>Ornithodoros moubata</i> for the Q fever agent <i>Coxiella burnetii</i> . 2021 , 15, e0009008		1
626	The complete mitochondrial genome of the common strain black carp (var). 2021 , 6, 542-545		
625	Fungi in PAH-contaminated marine sediments: Cultivable diversity and tolerance capacity towards PAH. 2021 , 164, 112082		5
624	Recovery of Soil-Denitrifying Community along a Chronosequence of Sand-Fixation Forest in a Semi-Arid Desertified Grassland. 2021 , 12, 354		

623	Mixed azo dyes degradation by an intracellular azoreductase enzyme from alkaliphilic <i>Bacillus subtilis</i> : a molecular docking study. 2021 , 203, 3033-3044	6
622	From Traditional Breeding to Genome Editing for Boosting Productivity of the Ancient Grain Tef [<i>Zucc.</i> Trotter]. 2021 , 10,	6
621	Application of DNA barcoding and metabarcoding for species identification in salmon products. 2021 , 38, 754-768	1
620	Evaluation of GABA Production and Probiotic Activities of <i>Enterococcus faecium</i> BS5. 2021 , 13, 993-1004	0
619	Screening and identification of novel halotolerant bacterial strains and assessment for insoluble phosphate solubilization and IAA production. 2021 , 45,	4
618	MEGA11: Molecular Evolutionary Genetics Analysis Version 11. 2021 , 38, 3022-3027	614
617	Molecular characterization, phylogenetic and sequence analysis data of trehalose biosynthesis genes; and from the deep sea halophilic actinobacteria, NIOT-DSA03. 2021 , 35, 106727	1
616	Community structure and abundance of comammox <i>Nitrospira</i> in Chongming eastern intertidal sediments. 2021 , 21, 3213	2
615	Development and use of a reverse transcription insulated isothermal PCR assay for detection and characterization of bovine torovirus in yaks. 2021 , 166, 2017-2025	1
614	Heterologous expression of a novel serine palmitoyltransferase from <i>Sphingobium chungbukense</i> . 2021 , 13, 183-192	1
613	The maize E3 ligase ZmCER9 specifically targets activated NLRs for degradation.	
612	VNTR polymorphism in the breakpoint region of ABL1 and susceptibility to bladder cancer. 2021 , 14, 121	1
611	Detection and Biological Characteristics of Resistant to Difenoconazole from var. , an Indigenous Medicinal Herb. 2021 , 105, 1546-1554	1
610	Apple MPK4 mediates phosphorylation of MYB1 to enhance light-induced anthocyanin accumulation. 2021 , 106, 1728-1745	7
609	Visualizing, clustering, and characterizing activity-trip sequences via weighted sequence alignment and functional data analysis. 2021 , 126, 103007	1
608	Identification of cable bacteria and its biogeochemical impact on sulfur in freshwater sediments from the Wenyu River. 2021 , 769, 144541	2
607	Prevalence, Antibiogram and Genetic Characterization of from Food Products in Egypt. 2021 , 10,	2
606	Characterization and Recombinant Genotypes of HIV-1 in Gansu Province, China. 2021 ,	

605	Bed Bugs (Hemiptera: Cimicidae) Population Diversity and First Record of in Paris. 2021 , 12,	1
604	Origin and diversification of ECERIFERUM1 (CER1) and ECERIFERUM3 (CER3) genes in land plants and phylogenetic evidence that the ancestral CER1/3 gene resulted from the fusion of pre-existing domains. 2021 , 159, 107101	3
603	Intron-targeted mutagenesis reveals roles for Dscam1 RNA pairing architecture-driven splicing bias in neuronal wiring. 2021 , 36, 109373	1
602	Full Genome Evolutionary Studies of Wheat Streak Mosaic-Associated Viruses Using High-Throughput Sequencing. 2021 , 12, 699078	3
601	Identification of a novel tailor-made chitinase from white shrimp Fenneropenaeus merguensis. 2021 , 203, 111747	2
600	Ecological Contacts and Host Specificity Promote Replacement of Nutritional Endosymbionts in Ticks. 2021 , 1	0
599	The rare Calappa tuerkayana Pastore, 1995 is a juvenile stage of the common Calappa granulata (Linnaeus, 1758) (Brachyura: Calappidae). 2021 , 293, 9-16	0
598	sp. nov., a marine alphaproteobacterium isolated from mangrove sediment in Thailand. 2021 , 71,	0
597	Functional conservation and divergence of SEPALLATA-like genes in the development of two-type florets in marigold. 2021 , 309, 110938	1
596	Structural basis of staphylococcal StI inhibition on a eukaryotic dUTPase. 2021 , 184, 821-830	0
595	Cloning of Mn-SOD gene and its mRNA expression difference and antioxidant enzyme activities under hypoxia stress of cobia Rachycentron canadum. 2021 , 48, 6897-6909	1
594	Strategy for the Enrichment of Protein Biomarkers from Diverse Bacterial Select Agents. 2021 , 28, 1071-1082	
593	TRANS-ACTING SIRNA3-derived short interfering RNAs confer cleavage of mRNAs in rice. 2021 ,	1
592	Niche adaptation strategies of different clades of comammox Nitrospira in the Yangtze Estuary. 2021 , 164, 105286	3
591	Comparative study on the performance of hydrolytic acidification immobilized filler and sludge in the pretreatment of municipal wastewater. 2021 , 24, 101885	1
590	Comprehensive characterisation of Culicoides clastrieri and C. festivipennis (Diptera: Ceratopogonidae) according to morphological and morphometric characters using a multivariate approach and DNA barcode. <i>Scientific Reports</i> , 2021 , 11, 521	4.9 2
589	Prevalence and Characterization of Coagulase Positive from Food Products and Human Specimens in Egypt. 2021 , 10,	2
588	Phytosanitary Situation of <i>Maize streak virus&/i> in the Main Maize Production Zones of Cameroon. 2021 , 12, 339-353	

587	Circulation of an atypical hepatitis C virus (HCV) strain at a dialysis unit in northeast India. 2021 , 10, e1147	0
586	Evolutionary History of WheatsThe Main Cereal of Mankind. 2008 , 407-419	11
585	Genetic Structure of Japanese Populations of <i>Tachypleus tridentatus</i> by mtDNA AT-Rich Region Sequence Analysis. 2009 , 183-196	13
584	Molecular Basis of Antenna System Adaptation in a Chl d-Containing Organism. 2008 , 243-246	1
583	Genomic Insights into the Sulfur Metabolism of Phototrophic Green Sulfur Bacteria. 2008 , 337-355	45
582	The Evolution of the Pseudomonads. 2008 , 307-319	4
581	Variation in ITS and 28S rDNA of <i>Bursaphelenchus</i> Species (Nematoda: Parasitaphelenchidae). 2008 , 151-164	2
580	Testing two contrasting evolutionary patterns in ancient lakes: species flock versus species scatter in valvate gastropods of Lake Ohrid. 2008 , 169-179	1
579	Diversity of acaropathogenic fungi in Poland and other European countries. 2008 , 53-70	2
578	Phylogenetic analysis of adenovirus sequences. 2007 , 131, 299-334	16
577	Retroposons: genetic footprints on the evolutionary paths of life. 2008 , 422, 201-25	18
576	Computational methods for the analysis of primate mobile elements. 2010 , 628, 137-51	8
575	Multilocus sequence typing. 2009 , 551, 129-40	37
574	Deciphering the Evolution of G Protein-Coupled Receptors in Vertebrates. 2011 , 71-102	1
573	Phylogenetic Trees: Applications, Construction, and Assessment. 2019 , 167-192	4
572	<i>Anaplasma</i> . 2009 , 85-116	8
571	Sulfotransferases and Their Role in Glucosinolate Biosynthesis. 2008 , 149-166	5
570	Hydrocarbon-Degrading Sphingomonads: <i>Sphingomonas</i> , <i>Sphingobium</i> , <i>Novosphingobium</i> , and <i>Sphingopyxis</i> . 2010 , 1693-1705	33

569	Comparison of DNA Truncated Barcodes and Full-Barcodes for Species Identification. 2010 , 108-114	4
568	The Complete Chloroplast Genome Sequence of Perennial Ryegrass (<i>Lolium perenne</i> L.) Reveals Useful Polymorphisms Among European Ecotypes. 2010 , 409-413	1
567	The cyclin-dependent kinase 2 (CDK2) mediates hematopoiesis through G1-to-S transition in Chinese mitten crab <i>Eriocheir sinensis</i> . 2018 , 81, 156-166	10
566	Two types of TNF α in meagre (<i>Argyrosomus regius</i>): Discovery, distribution and expression modulation. 2017 , 92, 136-145	11
565	The origin, evolution and diversification of multiple isoforms of light-dependent protochlorophyllide oxidoreductase (LPOR): focus on angiosperms. 2020 , 477, 2221-2236	8
564	Biodiversity of pig breeds from China and Europe estimated from pooled DNA samples: differences in microsatellite variation between two areas of domestication. 2008 , 40, 103-128	77
563	<i>Spiculoptera mathevossiani</i> Ruchliadev, 1948 is the minor morph of <i>Spiculoptera spiculoptera</i> (Gushanskaya, 1931): molecular evidence. 2006 , 37, 683-94	9
562	The true identities of the slipper lobsters <i>Nisto laevis</i> and <i>Nisto asper</i> (Crustacea: Decapoda: Scyllaridae) verified by DNA analysis. 2009 , 23, 77	10
561	Molecular species boundaries in the phreatoicidean genus <i>Amphisopus</i> (Isopoda : Amphisopidae) and evidence for a new freshwater isopod species from Western Australia. 2013 , 27, 173	3
560	Groundwater oligochaetes show complex genetic patterns of distribution in the Pilbara region of Western Australia. 2015 , 29, 405	8
559	Phylogenetic analysis of mtDNA sequences suggests revision of humpback dolphin (<i>Sousa</i> spp.) taxonomy is needed. 2008 , 59, 259	33
558	Computational Molecular Evolution. 2006 ,	547
557	Phylogeny reconstruction: overview. 2006 , 73-99	1
556	Maximum likelihood methods. 2006 , 100-144	2
555	Bayesian methods. 2006 , 145-184	1
554	Neutral and adaptive protein evolution. 2006 , 259-292	2
553	Molecular Evolution. 2014 ,	146
552	Epidemiology and evolution of invasive pneumococcal disease caused by multidrug resistant serotypes of 19A in the 8 years after implementation of pneumococcal conjugate vaccine immunization in Dallas, Texas. 2010 , 29, 294-300	54

551	Development of an HIV-1 reference panel of subtype B envelope clones isolated from the plasma of recently infected individuals. 2007 , 46, 1-11	37
550	<i>Providencia sneebia</i> sp. nov. and <i>Providencia burhodogranariae</i> sp. nov., isolated from wild <i>Drosophila melanogaster</i> . 2009 , 59, 1108-11	70
549	Emended description of <i>Actinomyces naeslundii</i> and descriptions of <i>Actinomyces oris</i> sp. nov. and <i>Actinomyces johnsonii</i> sp. nov., previously identified as <i>Actinomyces naeslundii</i> genospecies 1, 2 and WVA 963. 2009 , 59, 509-16	60
548	<i>Bhargavaea cecembensis</i> gen. nov., sp. nov., isolated from the Chagos-Laccadive ridge system in the Indian Ocean. 2009 , 59, 2618-23	20
547	<i>Leptobacterium flavescens</i> gen. nov., sp. nov., a marine member of the family Flavobacteriaceae, isolated from marine sponge and seawater. 2009 , 59, 207-12	8
546	<i>Adhaeribacter terreus</i> sp. nov., isolated from forest soil. 2009 , 59, 1595-8	21
545	<i>Kribbella ginsengisoli</i> sp. nov., isolated from soil of a ginseng field. 2010 , 60, 364-368	9
544	<i>Marinobacterium maritimum</i> sp. nov., a marine bacterium isolated from Arctic sediment. 2009 , 59, 3030-4	16
543	<i>Sphingomonas changbaiensis</i> sp. nov., isolated from forest soil. 2010 , 60, 790-795	27
542	<i>Shewanella corallii</i> sp. nov., a marine bacterium isolated from a Red Sea coral. 2010 , 60, 2293-2297	12
541	<i>Oceanicola nitratreducens</i> sp. nov., a marine alphaproteobacterium isolated from the South China Sea. 2010 , 60, 1655-1659	19
540	<i>Sphingobium vulgare</i> sp. nov., isolated from freshwater sediment. 2010 , 60, 2473-2477	6
539	<i>Dyadobacter psychrophilus</i> sp. nov., a psychrophilic bacterium isolated from soil. 2010 , 60, 1640-1643	24
538	<i>Pseudomonas taeanensis</i> sp. nov., isolated from a crude oil-contaminated seashore. 2010 , 60, 2719-2723	13
537	Description of <i>Microvirga aerophila</i> sp. nov. and <i>Microvirga aerilata</i> sp. nov., isolated from air, reclassification of <i>Balneimonas flocculans</i> Takeda et al. 2004 as <i>Microvirga flocculans</i> comb. nov. and emended description of the genus <i>Microvirga</i> . 2010 , 60, 2596-2600	34
536	<i>Pontibacter niistensis</i> sp. nov., isolated from forest soil. 2010 , 60, 2867-2870	30
535	Reclassification of ' <i>Dactylosporangium variesporum</i> ' as <i>Saccharothrix variisporea</i> corrig. (ex Tomita et al. 1977) sp. nov., nom. rev. 2011 , 61, 310-314	5
534	<i>Inhella fonticola</i> sp. nov., isolated from spring water, and emended description of the genus <i>Inhella</i> . 2012 , 62, 1048-1055	2

533	<i>Streptomyces herbaceus</i> sp. nov., <i>Streptomyces incanus</i> sp. nov. and <i>Streptomyces pratens</i> sp. nov., isolated from the soil of a hay meadow. 2012 , 62, 1908-1913	1
532	<i>Shimia marina</i> gen. nov., sp. nov., a novel bacterium of the Roseobacter clade isolated from biofilm in a coastal fish farm. 2006 , 56, 1869-1873	35
531	<i>Pediococcus ethanolidurans</i> sp. nov., isolated from the walls of a distilled-spirit-fermenting cellar. 2006 , 56, 2405-2408	26
530	<i>Cryptococcus anemochoreius</i> sp. nov., a novel anamorphic basidiomycetous yeast isolated from the atmosphere in central South Africa. 2006 , 56, 2703-2706	4
529	Polyphasic analysis indicates that <i>Lactobacillus salivarius</i> subsp. <i>salivarius</i> and <i>Lactobacillus salivarius</i> subsp. <i>salicinius</i> do not merit separate subspecies status. 2006 , 56, 2397-2403	21
528	<i>Oceanobacillus chironomi</i> sp. nov., a halotolerant and facultatively alkaliphilic species isolated from a chironomid egg mass. 2007 , 57, 255-259	46
527	<i>Lentibacillus halodurans</i> sp. nov., a moderately halophilic bacterium isolated from a salt lake in Xin-Jiang, China. 2007 , 57, 485-488	15
526	<i>Halococcus qingdaonensis</i> sp. nov., a halophilic archaeon isolated from a crude sea-salt sample. 2007 , 57, 600-604	31
525	<i>Segetibacter koreensis</i> gen. nov., sp. nov., a novel member of the phylum Bacteroidetes, isolated from the soil of a ginseng field in South Korea. 2007 , 57, 1828-1833	39
524	Barcoding ciliates: a comprehensive study of 75 isolates of the genus <i>Tetrahymena</i> . 2007 , 57, 2412-2423	96
523	<i>Paenibacillus fonticola</i> sp. nov., isolated from a warm spring. 2007 , 57, 1346-1350	33
522	<i>Sphingobacterium composti</i> sp. nov., isolated from cotton-waste composts. 2007 , 57, 1590-1593	43
521	<i>Pelagicoccus mobilis</i> gen. nov., sp. nov., <i>Pelagicoccus albus</i> sp. nov. and <i>Pelagicoccus litoralis</i> sp. nov., three novel members of subdivision 4 within the phylum 'Verrucomicrobia', isolated from seawater by in situ cultivation. 2007 , 57, 1377-1385	40
520	<i>Terrabacter aerolatus</i> sp. nov., isolated from an air sample. 2007 , 57, 2106-2109	20
519	<i>Veillonella rogosae</i> sp. nov., an anaerobic, Gram-negative coccus isolated from dental plaque. 2008 , 58, 581-4	35
518	<i>Lactobacillus ceti</i> sp. nov., isolated from beaked whales (<i>Ziphius cavirostris</i>). 2008 , 58, 891-4	9
517	<i>Actinopolymorpha rutila</i> sp. nov., isolated from a forest soil. 2008 , 58, 2443-6	11
516	<i>Streptococcus plurextorum</i> sp. nov., isolated from pigs. 2009 , 59, 504-8	14

515	<i>Virgibacillus salarius</i> sp. nov., a halophilic bacterium isolated from a Saharan salt lake. 2008 , 58, 2409-14	38
514	<i>Paracoccus aestuarii</i> sp. nov., isolated from tidal flat sediment. 2009 , 59, 790-4	34
513	<i>Rubidibacter lacunae</i> gen. nov., sp. nov., a unicellular, phycoerythrin-containing cyanobacterium isolated from seawater of Chuuk lagoon, Micronesia. 2008 , 58, 2807-11	12
512	<i>Lysinibacillus cresolivorans</i> sp. nov., an m-cresol-degrading bacterium isolated from coking wastewater treatment aerobic sludge. 2015 , 65, 4250-4255	7
511	<i>Streptococcus caprae</i> sp. nov., isolated from Iberian ibex (<i>Capra pyrenaica hispanica</i>). 2016 , 66, 196-200	11
510	sp. nov., a halotolerant bacterium isolated from deep-sea sediments. 2016 , 66, 616-622	5
509	Description of <i>Leucobacter holotrichiae</i> sp. nov., isolated from the gut of <i>Holotrichia oblita</i> larvae. 2016 , 66, 1857-1861	7
508	<i>Jeotgalibaca porci</i> sp. nov. and <i>Jeotgalibaca arthritidis</i> sp. nov., isolated from pigs, and emended description of the genus <i>Jeotgalibaca</i> . 2017 , 67, 1473-1477	4
507	<i>Nitratireductor aestuarii</i> sp. nov., a marine alphaproteobacterium isolated from an estuary. 2017 , 67, 1637-1642	3
506	Genetic diversity of currently circulating rubella viruses: a need to define more precise viral groups. 2017 , 98, 396-404	21
505	Revisiting the genotyping scheme for varicella-zoster viruses based on whole-genome comparisons. 2017 , 98, 1434-1438	13
504	Detection and molecular characteristics of neboviruses in dairy cows in China. 2019 , 100, 35-45	12
503	First detection of bovine coronavirus in Yak (<i>Bos grunniens</i>) and a bovine coronavirus genome with a recombinant HE gene. 2019 , 100, 793-803	10
502	Highly sensitive parechovirus CODEHOP PCR amplification of the complete VP1 gene for typing directly from clinical specimens and correct typing based on phylogenetic clustering. 2019 , 68, 1194-1203	1
501	An outbreak of psittacosis due to <i>Chlamydophila psittaci</i> genotype A in a veterinary teaching hospital. 2006 , 55, 1571-1575	57
500	A cross-reactive neisserial antigen encoded by the NMB0035 locus shows high sequence conservation but variable surface accessibility. 2008 , 57, 80-87	10
499	Variation of the factor H-binding protein of <i>Neisseria meningitidis</i> . 2009 , 155, 4155-4169	67
498	ccrABEnt serine recombinase genes are widely distributed in the <i>Enterococcus faecium</i> and <i>Enterococcus casseliflavus</i> species groups and are expressed in <i>E. faecium</i> . 2010 , 156, 3624-3634	8

497	Introgression in the genus <i>Campylobacter</i> : generation and spread of mosaic alleles. 2011 , 157, 1066-1074	33
496	The mosaic structure of the <i>mcyABC</i> operon in <i>Microcystis</i> . 2008 , 154, 1886-1899	45
495	Horizontal transfer of the immunoglobulin A1 protease gene (<i>iga</i>) from <i>Streptococcus</i> to <i>Gemella haemolysans</i> . 2006 , 152, 2171-2180	8
494	Isolation and cloning of two variant papillomaviruses from domestic pigs: <i>Sus scrofa</i> papillomaviruses type 1 variants a and b. 2008 , 89, 2475-2481	17
493	Co-circulation of two sublineages of HPAI H5N1 virus in the Kingdom of Saudi Arabia with unique molecular signatures suggesting separate introductions into the commercial poultry and falconry sectors. 2008 , 89, 2691-2697	27
492	Liao ning virus, a new Chinese seadornavirus that replicates in transformed and embryonic mammalian cells. 2006 , 87, 199-208	44
491	Complete genome sequence analysis of Seneca Valley virus-001, a novel oncolytic picornavirus. 2008 , 89, 1265-1275	189
490	Origin and Evolution of DNA methyltransferases (DNMT) along the tree of life: A multi-genome survey.	4
489	Indian Red Jungle fowl depicts close genetic relationship with Indian native chicken breeds as evidenced through whole mitochondrial genome intersection.	1
488	GoFish: A Streamlined Environmental DNA Presence/Absence Assay for Marine Vertebrates.	1
487	Laboratory Methods Supporting Measles surveillance in Queensland, Australia, 2010-2017.	1
486	Intron-targeted mutagenesis reveals roles for <i>Dscam1</i> RNA pairing-mediated splicing bias in neuronal wiring.	1
485	Genetic structure of silver pomfret (<i>Pampus argenteus</i> (Euphrasen, 1788)) in the Arabian Sea, Bay of Bengal, and South China Sea as indicated by mitochondrial COI gene sequences. 2013 , 29, 733-737	5
484	Bioinformatic Identification of Aldo-Keto Reductase from Newly Isolated <i>Arthrobacter nicotianae</i> strain PR and Its Phylogenetic Analysis Among Soil Bacteria. 2014 , 2, 1-7	3
483	BioSEAL. 2020 ,	9
482	Population Structure in the Sword Prawn (<i>Parapenaeopsis Hardwickii</i>) from the East China Sea and Taiwan Strait Inferred from Intron Sequences. 2008 , 28, 234-239	4
481	Susceptibility loci for murine HIV-associated nephropathy encode trans-regulators of podocyte gene expression. 2009 , 119, 1178-88	57
480	Serotype distribution, antimicrobial susceptibility, antimicrobial resistance genes and virulence genes of <i>Salmonella</i> isolated from a pig slaughterhouse in Yangzhou, China. 2019 , 9, 210	13

479	Families of Glutathione Transferases. 2006 , 11-26	5
478	The Immunoglobulin Genes of Bats. 2014 , 53-84	1
477	Expression Analysis of Cathepsin F during Embryogenesis and Early Developmental Stage in Olive Flounder (<i>Paralichthys olivaceus</i>). 2013 , 17, 221-9	5
476	The Expression Analysis of Complement Component C3 during Early Developmental Stages in Olive Flounder (<i>Paralichthys olivaceus</i>). 2013 , 17, 311-9	9
475	Pervasive adaptive evolution in primate seminal proteins. 2005 , 1, e35	141
474	Genome microevolution of chikungunya viruses causing the Indian Ocean outbreak. 2006 , 3, e263	807
473	Emergence of azole resistance in <i>Aspergillus fumigatus</i> and spread of a single resistance mechanism. 2008 , 5, e219	536
472	Molecular and behavioral differentiation among Brazilian populations of <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae: Phlebotominae). 2009 , 3, e365	59
471	Population genetics of <i>Trypanosoma evansi</i> from camel in the Sudan. 2011 , 5, e1196	10
470	A Deep Insight into the Sialome of <i>Rhodnius neglectus</i> , a Vector of Chagas Disease. 2016 , 10, e0004581	15
469	Insights into the molecular evolution of the PDZ/LIM family and identification of a novel conserved protein motif. 2007 , 2, e189	51
468	Ancient origin of the new developmental superfamily DANGER. 2007 , 2, e204	14
467	Genesis of a fungal non-self recognition repertoire. 2007 , 2, e283	63
466	Evolution of axis specification mechanisms in jawed vertebrates: insights from a chondrichthyan. 2007 , 2, e374	42
465	A cyclin-dependent kinase that promotes cytokinesis through modulating phosphorylation of the carboxy terminal domain of the RNA Pol II Rpb1p sub-unit. 2007 , 2, e433	34
464	A novel lineage of proteobacteria involved in formation of marine Fe-oxidizing microbial mat communities. 2007 , 2, e667	283
463	Differential drug resistance acquisition in HIV-1 of subtypes B and C. 2007 , 2, e730	49
462	Accelerated FoxP2 evolution in echolocating bats. 2007 , 2, e900	87

461	Genome evolution and the emergence of fruiting body development in <i>Myxococcus xanthus</i> . 2007 , 2, e1329	35
460	Hepatitis C virus diversity and evolution in the full open-reading frame during antiviral therapy. 2008 , 3, e2123	40
459	Variations of plasmid content in <i>Rickettsia felis</i> . 2008 , 3, e2289	34
458	A microsatellite guided insight into the genetic status of adi, an isolated hunting-gathering tribe of northeast India. 2008 , 3, e2549	7
457	RickA expression is not sufficient to promote actin-based motility of <i>Rickettsia raoultii</i> . 2008 , 3, e2582	29
456	Postglacial colonisation patterns and the role of isolation and expansion in driving diversification in a passerine bird. 2008 , 3, e2794	42
455	The role of bZIP transcription factors in green plant evolution: adaptive features emerging from four founder genes. 2008 , 3, e2944	184
454	Genetic variability of hepatitis C virus before and after combined therapy of interferon plus ribavirin. 2008 , 3, e3058	14
453	Amerindian <i>Helicobacter pylori</i> strains go extinct, as european strains expand their host range. 2008 , 3, e3307	45
452	Diverse expression patterns of subgroups of the rif multigene family during <i>Plasmodium falciparum</i> gametocytogenesis. 2008 , 3, e3779	48
451	Acquisition and evolution of plant pathogenesis-associated gene clusters and candidate determinants of tissue-specificity in <i>xanthomonas</i> . 2008 , 3, e3828	74
450	Molecular identification of birds: performance of distance-based DNA barcoding in three genes to delimit parapatric species. 2009 , 4, e4119	71
449	Genetic editing of HBV DNA by monodomain human APOBEC3 cytidine deaminases and the recombinant nature of APOBEC3G. 2009 , 4, e4277	68
448	Ticks associated with macquarie island penguins carry arboviruses from four genera. 2009 , 4, e4375	57
447	DNA-based diet analysis for any predator. 2009 , 4, e5252	46
446	Molecular evolution of <i>Drosophila</i> cuticular protein genes. 2009 , 4, e8345	38
445	Evolution in quantum leaps: multiple combinatorial transfers of HPI and other genetic modules in Enterobacteriaceae. 2010 , 5, e8662	30
444	Evolutionary constraints acting on DDX3X protein potentially interferes with Rev-mediated nuclear export of HIV-1 RNA. 2010 , 5, e9613	10

443	Genetic characterization of the influenza A pandemic (H1N1) 2009 virus isolates from India. 2010 , 5, e9693	93
442	Evolutionary process of deep-sea bathymodiolus mussels. 2010 , 5, e10363	62
441	Phylogenetic evidence for lateral gene transfer in the intestine of marine iguanas. 2010 , 5, e10785	11
440	Molecular cloning and gene expression analysis of the leptin receptor in the Chinese mitten crab <i>Eriocheir sinensis</i> . 2010 , 5, e11175	16
439	HLA-associated immune pressure on Gag protein in CRF01_AE-infected individuals and its association with plasma viral load. 2010 , 5, e11179	18
438	Symmetric key structural residues in symmetric proteins with beta-trefoil fold. 2010 , 5, e14138	11
437	Structural analysis of alkaline α -mannanase from alkaliphilic <i>Bacillus</i> sp. N16-5: implications for adaptation to alkaline conditions. 2011 , 6, e14608	34
436	Characterization of <i>Burkholderia rhizoxinica</i> and <i>B. endofungorum</i> isolated from clinical specimens. 2011 , 6, e15731	9
435	Response of archaeal communities in the rhizosphere of maize and soybean to elevated atmospheric CO ₂ concentrations. 2010 , 5, e15897	23
434	Cryptic species? Patterns of maternal and paternal gene flow in eight neotropical bats. 2011 , 6, e21460	38
433	The function of MoGlk1 in integration of glucose and ammonium utilization in <i>Magnaporthe oryzae</i> . 2011 , 6, e22809	14
432	A comprehensive evaluation of colonic mucosal isolates of <i>Sutterella wadsworthensis</i> from inflammatory bowel disease. 2011 , 6, e27076	58
431	The local origin of the Tibetan pig and additional insights into the origin of Asian pigs. 2011 , 6, e28215	49
430	Whole genomes of Chandipura virus isolates and comparative analysis with other rhabdoviruses. 2012 , 7, e30315	20
429	Molecular approach to the identification of fish in the South China Sea. 2012 , 7, e30621	79
428	Phylogenetic reconstruction and DNA barcoding for closely related pine moth species (<i>Dendrolimus</i>) in China with multiple gene markers. 2012 , 7, e32544	43
427	Complete chloroplast genome sequence of an orchid model plant candidate: <i>Erycina pusilla</i> apply in tropical <i>Oncidium</i> breeding. 2012 , 7, e34738	46
426	Multilocus sequence typing and rtxA toxin gene sequencing analysis of <i>Kingella kingae</i> isolates demonstrates genetic diversity and international clones. 2012 , 7, e38078	37

425	High-resolution coproecology: using coprolites to reconstruct the habits and habitats of New Zealand's extinct upland moa (<i>Megalapteryx didinus</i>). 2012 , 7, e40025	60
424	Pharyngeal polysaccharide deacetylases affect development in the nematode <i>C. elegans</i> and deacetylate chitin in vitro. 2012 , 7, e40426	17
423	Metagenomic insights into the fibrolytic microbiome in yak rumen. 2012 , 7, e40430	71
422	Phylogenetic relationships of Palaearctic <i>Formica</i> species (Hymenoptera, Formicidae) based on mitochondrial cytochrome B sequences. 2012 , 7, e41697	21
421	Fungal diversity is not determined by mineral and chemical differences in serpentine substrates. 2012 , 7, e44233	22
420	The potential roles of a laminin receptor in adhesion and apoptosis of cells of the marine bivalve <i>Meretrix meretrix</i> . 2012 , 7, e47104	6
419	Immunogenetic variation and differential pathogen exposure in free-ranging cheetahs across Namibian farmlands. 2012 , 7, e49129	11
418	Caspase-1 and IL-1 β processing in a teleost fish. 2012 , 7, e50450	56
417	Two strains of male-killing <i>Wolbachia</i> in a ladybird, <i>Coccinella undecimpunctata</i> , from a hot climate. 2013 , 8, e54218	4
416	Chloroplast DNA phylogeography reveals repeated range expansion in a widespread aquatic herb <i>Hippuris vulgaris</i> in the Qinghai-Tibetan Plateau and adjacent areas. 2013 , 8, e60948	17
415	Impact of oil on bacterial community structure in bioturbated sediments. 2013 , 8, e65347	50
414	Candidate genes that may be responsible for the unusual resistances exhibited by <i>Bacillus pumilus</i> SAFR-032 spores. 2013 , 8, e66012	29
413	Temporal and spatial diversity of bacterial communities in coastal waters of the South china sea. 2013 , 8, e66968	20
412	Conserved DNA Motifs, Including the CENP-B Box-like, Are Possible Promoters of Satellite DNA Array Rearrangements in Nematodes. 2013 , 8, e67328	18
411	Identification and functional characterization of the soybean GmaPPO12 promoter conferring <i>Phytophthora sojae</i> induced expression. 2013 , 8, e67670	20
410	<i>Alicyclobacillus</i> contamination in the production line of kiwi products in China. 2013 , 8, e67704	31
409	Discovery of J chain in African lungfish (<i>Protopterus dolloi</i> , <i>Sarcopterygii</i>) using high throughput transcriptome sequencing: implications in mucosal immunity. 2013 , 8, e70650	27
408	Ongoing speciation in the Tibetan plateau <i>Gymnocypris</i> species complex. 2013 , 8, e71331	19

407	Genotyping <i>Candida albicans</i> from <i>Candida</i> leukoplakia and non- <i>Candida</i> leukoplakia shows no enrichment of multilocus sequence typing clades but enrichment of ABC genotype C in <i>Candida</i> leukoplakia. 2013 , 8, e73738	27
406	Isolation and identification of algicidal compound from <i>Streptomyces</i> and algicidal mechanism to <i>Microcystis aeruginosa</i> . 2013 , 8, e76444	50
405	Recombination and evolution of duplicate control regions in the mitochondrial genome of the Asian big-headed turtle, <i>Platysternon megacephalum</i> . 2013 , 8, e82854	15
404	Identification and characterization of a PutAMT1;1 gene from <i>Puccinellia tenuiflora</i> . 2013 , 8, e83111	16
403	Critical amino acids within the human immunodeficiency virus type 1 envelope glycoprotein V4 N- and C-terminals contribute to virus entry. 2014 , 9, e86083	9
402	A novel method to identify routes of hepatitis C virus transmission. 2014 , 9, e86098	10
401	The evolutionary divergence of <i>psbA</i> gene in <i>Synechococcus</i> and their myoviruses in the East China Sea. 2014 , 9, e86644	6
400	HIV-1 diversity and drug resistance mutations among people seeking HIV diagnosis in voluntary counseling and testing sites in Rio de Janeiro, Brazil. 2014 , 9, e87622	19
399	Strong phylogeographic structure in a sedentary seabird, the Stewart Island Shag (<i>Leucocarbo chalconotus</i>). 2014 , 9, e90769	10
398	Proteomic analysis of carbon concentrating chemolithotrophic bacteria <i>Serratia</i> sp. for sequestration of carbon dioxide. 2014 , 9, e91300	24
397	Genetic structure and molecular variability of Cucumber mosaic virus isolates in the United States. 2014 , 9, e96582	33
396	Detection and molecular characterization of two FAD3 genes controlling linolenic acid content and development of allele-specific markers in yellow mustard (<i>Sinapis alba</i>). 2014 , 9, e97430	11
395	Rapid birth-and-death evolution of imprinted snoRNAs in the Prader-Willi syndrome locus: implications for neural development in Euarchoontoglires. 2014 , 9, e100329	16
394	Transoceanic spreading of pathogenic strains of <i>Vibrio parahaemolyticus</i> with distinctive genetic signatures in the <i>recA</i> gene. 2015 , 10, e0117485	24
393	Detection of Self Incompatibility Genotypes in <i>Prunus africana</i> : Characterization, Evolution and Spatial Analysis. 2016 , 11, e0155638	4
392	Cloning and Functional Analysis of Pax6 from the Hydrothermal Vent Tubeworm <i>Ridgeia piscesae</i> . 2016 , 11, e0168579	1
391	Comparative genomic analysis of the Hsp70s from five diverse photosynthetic eukaryotes. 2007 , 12, 172-85	46
390	Phylogeny of <i>Chrysotoxum</i> species (Diptera: Syrphidae) inferred from morphological and molecular characters. 2006 , 103, 459-467	8

- 389 Evolutionary history and patterns of differentiation among European *Maniola* butterflies (Lepidoptera: Satyrinae). **2006**, 103, 613-618 8
- 388 The effects of Pleistocene glaciations on the phylogeography of *Melitaea cinxia* (Lepidoptera: Nymphalidae). **2007**, 104, 675-684 60
- 387 *Sycophila pistacina* (Hymenoptera: Eurytomidae): A valid species. **2008**, 105, 137-147 7
- 386 A redescription of *Aostrilepis horrida* (Linstow, 1901) and descriptions of two new species from Palearctic microtine rodents, *Aostrilepis macrocirrosa* sp. n. and *A. tenuicirrosa* sp. n. (Cestoda: Hymenolepididae). **2011**, 58, 108-20 21
- 385 Isolating of a putative glyceraldehyde-3 phosphate dehydrogenase (GAPDH) from *Calophyllum brasiliense*, an important tropical forest tree. **2012**, 61, 44-51 1
- 384 Phylogenetic Analysis of Based on Mitochondrial Gene Sequences in Almadinah, Saudi Arabia. **2016**, 14, 58-62 4
- 383 Molecular insight on phylogeny and systematics of the Lophoziaceae, Scapaniaceae, Gymnomitriaceae and Jungermanniaceae. **2010**, 19, 31-50 45
- 382 *Jubula hutchinsiae* subsp. *caucasica* subsp. nov. (Jubulaceae, Marchantiophyta) ã new taxon from the Western Caucasus. **2011**, 20, 227-238 19
- 381 Molecular phylogeny and systematics of the suborder Cephaloziineae with special attention to the family Cephaloziaceae s.l. (Jungermanniales, Marchantiophyta). **2012**, 21, 113-132 27
- 380 DNA polymorphism within *Sorex araneus* from European Russia as inferred from mtDNA cytochrome b sequences. **2007**, 6, 035-042 4
- 379 Geographical pattern and historical demography of Midday gerbil *Meriones meridianus* (Gerbillidae, Rodentia) inferred from the sequences of the mitochondrial DNA control region. **2008**, 7, 25-32 4
- 378 Contribution to the species composition and taxonomic status of some *Rattus* inhabiting Southern Vietnam and Sundaland. **2012**, 11, 33-45 10
- 377 Genetic and cytogenetic variation of African root-rats *Tachyoryctes splendens* (Mammalia: Rodentia) from Ethiopia. **2014**, 13, 109-118 7
- 376 [High prevalence of genotype 1 in individuals with hepatitis C in Belo Horizonte, MG]. **2008**, 41, 238-42 6
- 375 Molecular divergence in the timeless and cpr genes among three sympatric cryptic species of the *Anopheles triannulatus* complex. **2011**, 106 Suppl 1, 218-22 13
- 374 The level of ascorbate peroxidase is enhanced in benzimidazole-resistant populations of *Trypanosoma cruzi* and its expression is modulated by stress generated by hydrogen peroxide. **2012**, 107, 494-502 12
- 373 Evaluation of *Xylella fastidiosa* genetic diversity by fAFPL markers. **2008**, 30, 202-208 5
- 372 Rela^ õs filogen^ ticas e diversidade de isolad^ os de *Guignardia* spp oriundos de diferentes hospedeiros nas regi^ õs ITS1-5,8S-ITS2. **2009**, 31, 360-380 8

- 371 Variability of the coat protein gene of Grapevine leafroll-associated virus 3 in Brazil. **2007**, 32, 335-340 17
- 370 Caracterizaç o de um isolado de Bidens mosaic virus proveniente de alface. **2009**, 35, 231-233 3
- 369 Bidens mosaic virus: detec o via RT-PCR e identifica o de Galinsoga parviflora como um novo hospedeiro natural do v rus. **2010**, 36, 346-347 3
- 368 Molecular analysis of an integrative conjugative element, ICEH, present in the chromosome of different strains of Mycoplasma hyopneumoniae. **2007**, 30, 256-263 9
- 367 Identification of citrus expressed sequence tags (ESTs) encoding pleiotropic drug resistance (PDR)-like proteins. **2007**, 30, 857-865 0
- 366 5S rDNA characterization in twelve Sciaenidae fish species (Teleostei, Perciformes): depicting gene diversity and molecular markers. **2008**, 31, 303-307 6
- 365 Sequence diversity and copy number variation of Mutator-like transposases in wheat. **2008**, 31, 539-546 1
- 364 Population densities and genetic diversity of actinomycetes associated to the rhizosphere of Theobroma cacao. **2008**, 39, 464-70 3
- 363 Phylogenetic analysis on the soil bacteria distributed in karst forest. **2009**, 40, 827-37 5
- 362 Bioemulsifier production by Microbacterium SP. strains isolated from mangrove and their application to remove cadmium and zinc from hazardous industrial residue. **2010**, 41, 235-45 9
- 361 Conservation genetics of the giant otter (Pteronura brasiliensis (Zimmerman, 1780)) (Carnivora, Mustelidae). **2007**, 67, 819-27 13
- 360 New species of Moenkhausia Eigenmann, 1903 (Characiformes: Characidae) with comments on the Moenkhausia oligolepis species complex. **2009**, 7, 161-168 49
- 359 In Ovo and Day of Hatch Application of a Live Infectious Bursal Disease Virus Vaccine to Commercial Broilers. **2019**, 63, 713-720 5
- 358 Haemosporidian Blood Parasites in European Birds of Prey and Owls. **2008**, 94, 709 9
- 357 The new taxonomic marker of nodulation bacteria of Rhizobium genus and its evolution. **2012**, 10, 50-63 2
- 356 Using of ITS sequences for the evaluation of taxonomic relations of the representatives of tribe Viciae (Adans.) Bronn (Fabaceae Lindl. **2007**, 5, 5-14 2
- 355 Analysis on mitochondrial DNA control region sequence of Siniperca chuatsi from different sections of the Yangtze River. **2007**, 19, 92-97 2
- 354 Analysis on genetic diversity and genetic structure of Brasenia schreberi in Jiangsu and Zhejiang Provinces revealed by ISSR Markers. **2008**, 20, 662-668 3

353	Elaboration of the Algorithm of MLST-Typing of Pandemic and Pre-Pandemic <i>V. cholerae</i> El Tor strains. 2011 , 58-61	1
352	Enteroviral infection outbreak in the Republic of Belarus: principal characteristics and phylogenetic analysis of etiological agents. 2006 , 14, 67-73	11
351	Phylogenetic Analysis of Mandarin Landraces, Wild Mandarins, and Related Species in China Using Nuclear LEAFY Second Intron and Plastid trnL-trnF Sequence. 2007 , 132, 796-806	17
350	Genetic Diversity and Differentiation among Natural, Production, and Introduced Populations of the Narrowly Endemic Species <i>Coreopsis leavenworthii</i> (Asteraceae). 2008 , 133, 234-241	3
349	Microsatellite Markers for Raspberry and Blackberry. 2010 , 135, 271-278	32
348	Genetic Diversity in a Small Chicken Population Inferred from Microsatellite Polymorphism. 2014 , 51, 242-247	2
347	Eosinophil-derived neurotoxin / RNase 2: connecting the past, the present and the future. 2008 , 9, 135-40	59
346	Molecular Diversity of Seed-borne <i>Fusarium</i> Species Associated with Maize in India. 2016 , 17, 132-44	5
345	<i>Ogataea neopini</i> sp. nov. and <i>O. corticis</i> sp. nov., with the emendation of the ascomycete yeast genus <i>Ogataea</i> , and transfer of <i>Pichia zsoitii</i> , <i>P. dorogensis</i> , and <i>P. trehaloabstinens</i> to it. 2008 , 54, 353-65	14
344	Reclassification of <i>Leifsonia aurea</i> to the genus <i>Rhodoglobus</i> as <i>Rhodoglobus aureus</i> comb. nov., and emended description of <i>Rhodoglobus vestalii</i> Sheridan et al. 2003. 2010 , 56, 53-5	10
343	Efficient and direct identification of fructose fermenting and non-fermenting bacteria from calf gut microbiota using stable isotope probing and modified T-RFLP. 2012 , 58, 297-307	2
342	Studies on Cereal Soil-Borne Viruses in Poland. 2010 , 50, 527-534	2
341	Comparative sequence analysis of 16S-23S rRNA internal transcribed spacers of the genus <i>Geobacillus</i> . 2008 , 54, 1-6	4
340	Species distinctness of <i>Lithoglyphus prasinus</i> (K [^] lter, 1852) (Rissooidea: Caenogastropoda). 2012 , 20, 99-104	6
339	Phylogenetic position of <i>Boleana umbilicata</i> (Ku [^] r, 1932) (Caenogastropoda: Rissooidea). 2012 , 20, 265-270	7
338	Isozyme and DNA Analyses of Local Citrus Germplasm on Amami Islands, Japan. 2011 , 80, 268-275	8
337	VIRO-TypeNed, systematic molecular surveillance of enteroviruses in the Netherlands between 2010 and 2014. 2016 , 21,	13
336	Serological and molecular characterization of two seed born cowpea mosaic Comovirus isolates affecting cowpea plants (<i>Vigna unguiculata</i> L.) in northern. 2019 , 3, 086-094	1

335	Analysis Of STK11/LKB1 Gene Using Bioinformatics Tools. 2007 , 4,	1
334	Microsporidian Infection in the Trunk Muscle of Hatchery-bred Juvenile Spotted Halibut <i>Verasper variegatus</i> . 2008 , 43, 137-143	6
333	Identification and Molecular Characterization of Z/ZE Lineage MHC Class I Heavy Chain Homologue and β 2-microglobulin from Rock Bream <i>Oplegnathus fasciatus</i> . 2014 , 49, 93-112	6
332	Occurrence of concave stem canker of citrus in Ehime Prefecture and detection of the pathogenic fungus <i>Lachnum abnorme</i> by PCR.. 2007 , 73, 9-14	2
331	Chikungunya outbreaks caused by African genotype, India. 2006 , 12, 1580-3	222
330	Foot-and-mouth disease virus serotype A in Egypt. 2007 , 13, 1593-6	39
329	Toward a unified nomenclature system for highly pathogenic avian influenza virus (H5N1). 2008 , 14, e1	219
328	Shiga Toxin-producing <i>Escherichia coli</i> Strains Negative for Locus of Enterocyte Effacement. 2009 , 15, 372-380	94
327	<i>Anaplasma phagocytophilum</i> from Rodents and Sheep, China. 2010 , 16, 764-768	36
326	A Case of <i>Plasmodium ovale</i> Malaria Imported from West Africa. 2012 , 2, 51	4
325	Sympatric distribution of three human <i>Taenia</i> tapeworms collected between 1935 and 2005 in Korea. 2008 , 46, 235-41	25
324	Morphologic and genetic identification of <i>Diphyllobothrium nihonkaiense</i> in Korea. 2009 , 47, 369-75	19
323	Molecular diversity and specificity of acoel worms associated with corals in the Gulf of Eilat (Red Sea). 2012 , 14, 277-281	6
322	Structural characteristics of di-nucleotide/tetra-nucleotide repeat microsatellite DNA in <i>Pachyhynobius shangchengensis</i> genomes and its effect on isolation. 2012 , 20, 51-58	3
321	[Molecular phylogeny of the gayal inferred from the analysis of cytochrome b gene entire sequences]. 2008 , 30, 65-70	4
320	[Polymorphisms of mitochondrial Cyt b gene and D-loop region in sweetfish (<i>Plecoglossus altivelis</i> Temminck et Schlegel) from Zhejiang and Fujian Provinces]. 2008 , 30, 919-25	1
319	[Analysis of complete mitochondrial genome of <i>Cristaria plicata</i>]. 2010 , 32, 153-62	9
318	[Single nucleotide polymorphisms in 22 HLA-Cw alleles in Chinese Han population]. 2010 , 32, 473-9	3

317	[Cloning and sequencing HLA-A and -B genomic DNA and analyzing polymorphism in regulatory regions in Chinese Han individuals]. 2010 , 32, 685-93	3
316	Genetic Diversity among Chinese Pea (<i>Pisum sativum</i> L.) Landraces Revealed by SSR Markers. 2008 , 34, 1330-1338	5
315	Genetic Diversity and Core Collection of Alien <i>Pisum sativum</i> L. Germplasm. 2009 , 34, 1518-1528	1
314	GENETIC DIVERSITY ANALYSIS OF WILD CHINESE GIANT SALAMANDER (<i>ANDRIA DAVIDIANUS</i>) AND THEIR ARTIFICIALLY PROPAGATED PROGENIES. 2009 , 32, 783-786	2
313	APPLICATION OF DNA BARCODING BASED ON THE MITOCHONDRIAL CO1 GENE SEQUENCES IN CLASSIFICATION OF CULTER(PISCES:CYPRINIDAE). 2009 , 33, 271-276	8
312	GENETIC VARIATION OF <i>SINIPERCA SCHERZERI</i> STEINDACHNER FROM DIFFERENT GEOGRAPHICAL POPULATIONS BY AFLP ANALYSIS. 2009 , 33, 304-309	1
311	PHYLOGENETIC RELATIONSHIP OF SPECIES IN THE GENUS <i>ASPIDOGASTER</i> (ASPIDOGASTRIDAE, ASPIDOGASTRINAE) IN CHINA AS INFERRED FROM ITS rDNA SEQUENCES. 2010 , 36, 312-316	7
310	COLUMNARIS DISEASE AND GENETIC DIVERSITY OF ITS BACTERIAL PATHOGEN <i>FLAVOBACTERIUM COLUMNARE</i> IN FRESHWATER FISH IN CHINA. 2010 , 36, 367-377	7
309	PHYLOGENETIC RELATIONSHIPS OF THE GENUS <i>TAKIFUGU</i> (TETRAODONTIFORMES, TETRAODONTIDAE) TESTED BY mtDNA D-LOOP REGION SEQUENCE VARIATIONS. 2009 , 33, 656-663	1
308	MITOCHONDRIAL GENES OF <i>SINERGASILUS POLYCOLPUS</i> (COPEPODA, ERGASILIDAE) PARASITIZING THE GILLS OF FISH. 2010 , 36, 177-183	3
307	TAXONOMICAL STATUS OF TWO <i>BRACHIONUS CALYCIFLORUS</i> MORPHOTYPES IN LAKE LIANTANG BASED ON ITS SEQUENCE. 2010 , 36, 935-942	3
306	PCR AMPLIFICATION, SEQUENCING AND ANALYSIS OF 18S rDNA OF <i>BALANTIDIUM CTENOPHARYNGODONI</i> INHABITING GRASS CARP. 2011 , 35, 203-209	4
305	Molecular cloning, characterization and expression of natural resistance associated macrophage protein (Nramp) gene cDNA from grass carp (<i>Ctenopharyngodon idella</i>). 2013 , 18, 38-47	2
304	Systematics of <i>Perca</i> Species Based on Multivariate Morphometrics and Mitochondrial Cytochrome b Gene Variation Analysis. 2008 , 29, 113-120	2
303	Comparison of Mitochondrial Control Region Sequences Between Chelydridae and Platysternidae. 2008 , 29, 127-133	3
302	Genetic Structure and Population History of <i>Beleophthalmus petinirostris</i> in Yangtze River Estuary and Its Southern Adjacent Regions. 2009 , 30, 1-10	3
301	Genetic Differentiation of <i>Tegillarca granosa</i> Based on Mitochondrial COI Gene Sequences. 2009 , 30, 17-23	13
300	Phylogenetic Relationships of the Genus <i>Meretrix</i> (Mollusca: Veneridae) Based on Mitochondrial COI Gene Sequences. 2009 , 30, 233-239	11

299	Analysis of Complete Mitochondrial Genome Sequence of <i>Aeropus licenti</i> Chang. 2010 , 30, 603-612	2
298	[cDNA cloning and expression analysis of MSTN gene from <i>Schizopygopsis pylzovi</i>]. 2012 , 33, 473-80	1
297	Morphological Observation of a Freshwater <i>Peridinium</i> Strain and Phylogenetic Analysis of <i>Peridinium</i> . 2011 , 29, 1-10	6
296	ISSR Analysis on Genetic Structure of Six <i>Sinonovacula constricta</i> Populations*. 2010 , 2009, 332-336	2
295	Phylogenetic Diversity of Rhizobial Bacteria Isolated from <i>Astragalus sinicus</i> *. 2010 , 16, 380-384	2
294	Validity of <i>Pelodiscus parviformis</i> (Testudines: Trionychidae) Inferred from Molecular and Morphological Analyses. 2011 , 2, 21-29	11
293	Clinical, virologic and phylogenetic features of hepatitis B infection in Iranian patients. 2008 , 14, 5448-53	26
292	Molecular evolution of hepatitis A virus in a human diploid cell line. 2007 , 13, 4630-5	1
291	?????????(<i>Stenopsyche marmorata</i>)?????????????????: ??????????????. 2008 , 11, 153-159	1
290	Low genetic diversity in broodstocks of endangered Chinese sucker, : implications for artificial propagation and conservation. 2018 , 117-132	8
289	Cloning, Expression and Polymorphism Analyses of PGC-1 β Gene of <i>Schizothorax prenanti</i> . 2012 , 7, 928-939	1
288	Evolutionary Lineages in Genus <i>Lethrinus</i> (Family: Lethrinidae) and the Corresponding Trophic Evolution Based on DNA Barcoding. 2016 , 7, 1-20	2
287	Genetic Relationship Among <i>Tephrosia</i> Species as Revealed by RAPD Analysis. 2007 , 1, 1-10	7
286	Physicochemical, Molecular and Functional Characteristics of Hyaluronic Acid as a Functional Food. 2017 , 12, 72-85	7
285	Identification, Cloning and Sequence Analysis of Chitinase Gene in <i>Bacillus halodurans</i> Isolated from Salted Fish. 2010 , 9, 229-233	4
284	Development, Characterization and Cross-species Transferability of Expressed Sequence Tag-simple Sequence Repeat (EST-SSR) Markers Derived from Kelampayan Tree Transcriptome. 2013 , 12, 225-235	5
283	Antioxidant Activity of a Novel <i>Streptomyces</i> Strain Eri12 Isolated from the Rhizosphere of <i>Rhizoma curcumae Longae</i> . 2011 , 4, 63-72	9
282	Isolation and Identification of <i>Bacillus altitudinis</i> ZJ 186 from Marine Soil Samples and its Antifungal Activity Against <i>Magnaporthe oryzae</i> . 2011 , 5, 13-23	5

281	Lack of Phylogeographic Structure in Nigerian Village Chickens Revealed by Mitochondrial DNA D-loop Sequence Analysis. 2010 , 9, 503-507	32
280	Detecting Adaptive Evolution of Galliform and Anseriform Avians Mx Genes. 2010 , 9, 1811-1815	1
279	Two Maternal Origins of the Chinese Domestic Grey Goose. 2010 , 9, 2674-2678	5
278	Genetic Identification and Taxonomic Relationship of Mediterranean Mugilid Species Based on Mitochondrial 16S rDNA Sequence Data. 2010 , 9, 336-341	10
277	Molecular Characteristics of Porcine SIM1 Gene and its Variants Association with Carcass and Meat Quality Traits. 2011 , 10, 495-501	1
276	Cloning and Molecular Characterization of Nine Gliadin Genes from <i>Triticum turgidum</i> ssp. <i>paleocolchicum</i> . 2008 , 8, 542-548	2
275	Sequence Analysis of the Ribosomal DNA ITS2 Region for <i>Phlebotomus papatasi</i> (Diptera: Psychodidae). 2007 , 4, 167-180	6
274	Molecular Diversity of the Genes Encoding Ammonia Monooxygenase and Particulate Methane Monooxygenase from Deep-sea Sediments. 2007 , 2, 530-537	12
273	Molecular Characterization of the Waxy Gene in Einkorn Wheat. 2009 , 4, 114-121	4
272	Isolation and Sequences Analysis of the Gliadin Genes from <i>Aegilops sharonensis</i> . 2010 , 5, 256-262	1
271	DNA Barcoding Uncover Cryptic Diversity in Goat Fishes (Family: Mullidae) Across the Egyptian Coastal Waters. 2016 , 19, 65-70	6
270	Characterization of Stolbur (16SrXII) Group Phytoplasmas Associated with Cannabis sativa Witches'-broom Disease in Iran. 2011 , 10, 161-167	18
269	Inter-population differences in otolith morphology are genetically encoded in the killifish <i>Aphanius fasciatus</i> (Cyprinodontiformes). 2013 , 77, 269-279	19
268	Endangered Rough Pigtoe Pearlymussel: Assessment of Phylogenetic Status and Genetic Differentiation of Two Disjunct Populations. 2015 , 6, 338-349	4
267	Allelic Diversity of Major Histocompatibility Complex Class II DRB Gene in Indian Cattle and Buffalo. 2011 , 2011, 120176	8
266	A Study on the Freshwater Algal Flora Occurring in Temporary Ponds around the Dasan Arctic Station, Ny-Alesund (Norway), and the Molecular Characteristics of Chlamydomonas 18S rDNA. 2006 , 28, 107-117	7
265	Assessment of Genetic Diversity in Contrasting Sugarcane Varieties Using Inter-Simple Sequence Repeat (ISSR) Markers. 2011 , 02, 425-432	14
264	Solanaceae Evolutionary Dynamics of the <i>2-NBS Domain. 2012 , 03, 283-294	4

263	Phylogenetic analysis of Endophytes from Bitter Melon (&i>Momordica charantia&/i>) in Guangdong Province. 2015 , 06, 609-621	1
262	Dispersal Ability and Environmental Adaptability of Deep-Sea Mussels &i>Bathymodiolus&/i> (Mytilidae: Bathymodiolinae). 2013 , 03, 31-39	16
261	HBV vaccine efficacy and detection and genotyping of vaccine^ 'asymptomatic breakthrough HBV infection in Egypt. 2011 , 3, 147-56	15
260	Selection and Identification of a Hyperparasite, <i>Ampelomyces quisqualis</i> 94013 for Biocontrol of Cucumber Powdery Mildew. 2007 , 35, 121-127	5
259	Occurrences of Major Mushroom Diseases and Microbial Densities of Mushroom Cultivation Facilities. 2009 , 37, 144-149	1
258	Comparison of RAPD, AFLP, and EF-1β Sequences for the Phylogenetic Analysis of <i>Fusarium oxysporum</i> and Its formae speciales in Korea. 2006 , 34, 45-55	4
257	Taxonomic study on the lichen genus <i>xanthoparmelia</i> (ascomycotina, parmeliaceae) in Korea. 2008 , 36, 203-10	4
256	Occurrence of Internal Stipe Necrosis of Cultivated Mushrooms (<i>Agaricus bisporus</i>) Caused by <i>Ewingella americana</i> in Korea. 2009 , 37, 62-6	5
255	Identification and characterization of the phytocystatin family from <i>Brassica rapa</i> . 2008 , 35, 317-327	2
254	Isolation and Characterization of Terpene Synthase Gene from <i>Panax ginseng</i> . 2008 , 32, 114-119	5
253	Isolation and Characterization of Calmodulin Gene from <i>Panax ginseng</i> C. A. Meyer. 2009 , 33, 59-64	2
252	Isolation of Sesquiterpene Synthase Homolog from <i>Panax ginseng</i> C.A. Meyer. 2010 , 34, 17-22	10
251	Technical Note: Community of bacteria attached on the PVDF MF membrane surface fouled from drinking water treatment, in Seoul, Korea. 2009 , 2, 35-39	5
250	Technical Note: Community of bacteria attached on the PVDF MF membrane surface fouled from drinking water treatment, in Seoul, Korea.	1
249	Genetic Diversity and Population Structure of <i>Liriope platyphylla</i> (Liliaceae) in Korea. 2007 , 17, 328-333	13
248	Molecular and Cultural Characterization of <i>Colletotrichum</i> spp. Causing Bitter Rot of Apples in Korea. 2007 , 23, 37-44	18
247	Purification and Phytotoxicity of Apicidins Produced by the <i>Fusarium semitectum</i> KCTC16676. 2008 , 24, 417-422	9
246	A Bacterial Endophyte, <i>Pseudomonas brassicacearum</i> YC5480, Isolated from the Root of <i>Artemisia</i> sp. Producing Antifungal and Phytotoxic Compounds. 2008 , 24, 461-468	22

245	Characterization of <i>Bacillus luciferensis</i> Strain KJ2C12 from Pepper Root, a Biocontrol Agent of Phytophthora Blight of Pepper. 2009 , 25, 62-69	16
244	In vitro Inhibition of Fungal Root-Rot Pathogens of <i>Panax notoginseng</i> by Rhizobacteria. 2009 , 25, 70-76	19
243	Molecular Characterization of <i>Burkholderia cepacia</i> Complex Isolates Causing Bacterial Fruit Rot of Apricot. 2010 , 26, 223-230	14
242	Isolation and Characterization of Oligotrophic Bacteria Possessing Induced Systemic Disease Resistance against Plant Pathogens. 2012 , 28, 68-74	8
241	Genus Diversity of Actinomycetes in Cibinong Science Center, West Java, Indonesia. 2012 , 6, 165-172	1
240	Hepatitis B genotypes in iran. 2014 , 26, 129-33	17
239	Cloning, characterization and expression analysis of interleukin-10 from the zebrafish (<i>Danio rerio</i>). 2005 , 38, 571-6	68
238	Molecular phylogeny of silk producing insects based on internal transcribed spacer DNA1. 2006 , 39, 522-9	15
237	Cloning and characterization of a PI-like MADS-box gene in <i>Phalaenopsis</i> orchid. 2007 , 40, 845-52	12
236	Characterization of uridine-diphosphate dependent flavonoid glucosyltransferase from <i>Oryza sativa</i> . 2007 , 40, 870-4	9
235	A heat shock cognate 70 gene in the endoparasitoid, <i>Pteromalus puparum</i> , and its expression in relation to thermal stress. 2008 , 41, 388-93	22
234	Single Nucleotide Polymorphism Analysis of the COI Gene in Korean Native Chicken. 2009 , 36, 85-88	3
233	Characterization of a Highly Enriched Microbial Consortium Reductively Dechlorinating 2,3-Dichlorophenol and 2,4,6-Trichlorophenol and the Corresponding <i>cprA</i> Genes from River Sediment. 2016 , 65, 341-352	3
232	Characterization of Endolithic Culturable Microbial Communities in Carbonate Rocks from a Typical Karst Canyon in Guizhou (China). 2017 , 65, 413-423	2
231	Redescription of Two Urostyleid Ciliates (Ciliophora: Urostyleida), <i>Anteholosticha pulchra</i> and <i>Metaurostyleopsis struederkypkeae</i> from Korea. 2012 , 28, 20-28	9
230	Molecular Phylogeny and Divergence Time Estimation of the Soft Coral <i>Dendronephthya gigantea</i> (Alcyonacea: Nephtheidae). 2008 , 24, 327-332	2
229	New Record of Two Species in Stichotrichous Ciliates (Ciliophora: Stichotrichia) from Korea. 2009 , 25, 227-236	1
228	Genetic Distinctness of the Korean Red-backed Vole (<i>Myodes regulus</i>) from Korea, Revealed by the Mitochondrial DNA Control Region. 2010 , 26, 183-186	1

227	New Record of Two Apokeronopsis Species (Ciliophora: Urostylida: Pseudokeronopsidae) from Korea. 2011 , 27, 115-122	4
226	DNA Barcode Examination of Bryozoa (Class: Gymnolaemata) in Korean Seawater. 2011 , 27, 159-163	6
225	Characterization of a Glycoside Hydrolase Family 50 Thermostable Agarase AgrA from Marine Bacteria Agarivorans sp. AG17. 2010 , 13, 36-48	1
224	Phylogenetic analysis of chloroplast matK gene from Zingiberaceae for plant DNA barcoding. 2008 , 3, 24-7	45
223	Molecular evolution of the cecropin multigene family in silkworm Bombyx mori. 2010 , 5, 97-103	16
222	Isolation, identification and computational studies on Pseudomonas aeruginosa sp. strain MPC1 in tannery effluent. 2011 , 6, 187-90	4
221	Phylogenetic and Comparative Sequence Analysis of Thermostable Alpha Amylases of kingdom Archea, Prokaryotes and Eukaryotes. 2014 , 10, 443-8	1
220	Attacin gene sequence variations in different ecoraces of tasar silkworm Antheraea mylitta. 2015 , 11, 481-5	3
219	Genome variability of some Gentiana L. species in nature and in culture in vitro: RAPD-analysis. 2010 , 26, 499-507	7
218	Genomic variability in maize callus cultures of lines P346 and its derivative somaclonal lines. 2007 , 23, 416-424	2
217	Phycobilisomes linker family in cyanobacterial genomes: divergence and evolution. 2007 , 3, 434-45	31
216	Active invasion of bacteria into living fungal cells. 2014 , 3, e03007	76
215	Isolation and Characterization of Bacillus Species Possessing Antifungal Activity against Ginseng Root Rot Pathogens. 2012 , 16, 357-363	11
214	Presence of the tunicate on ship hulls and aquaculture facilities in the coast of the Biob ^o Region, south central Chile. 2017 , 5, e3672	4
213	The clinical, serological and molecular diagnosis of emerging dengue infection at a tertiary care institute in southern, India. 2013 , 7, 457-61	10
212	Manila clam, Ruditapes philippinarum Cathepsin D: Molecular analysis and immune response against brown ring disease causing Vibrio tapetis challenge. 2013 , 29, 155-161	5
211	Full Issue PDF. 2021 , 34, 575-718	
210	Genetic Diversity of Rana catesbeiana in Korea based on Mitochondrial ND1/tRNA Sequence Analysis. 2005 , 28, 375-382	

- 209 Um tratamento quantitativo para a classifica^ço das l^ínguas Indo-Europ^é las. **2006**, 22, 329-344
- 208 Models of amino acid and codon substitution. **2006**, 40-70 1
- 207 Models of nucleotide substitution. **2006**, 3-39
- 206 Simulating molecular evolution. **2006**, 293-307 4
- 205 Perspectives. **2006**, 308-310
- 204 Comparison of methods and tests on trees. **2006**, 185-220
- 203 Soxgenes in grass carp (*Ctenopharyngodon idella*) with their implications for genome duplication and evolution. **2006**, 38, 673-687 11
- 202 Diversity *Borrelia burgdorferi* sensu lato in natural foci of Novosibirsk region. 5, 93-98 2
- 201 Reidentification of *Colletotrichum gloeosporioides* and *C. acutatum* Isolates Stored in Korean Agricultural Culture Collection (KACC). **2006**, 12, 168-177 2
- 200 Detection of bartonella DNA in ixodid ticks, mosquitoes and in patients blood in Novosibirsk region. 5, 106-110
- 199 Taxonomic study on the lichen genus *coccocarpia* (lecanorales, ascomycota) in South Korea. **2007**, 35, 174-9 3
- 198 Soft Topographic Map for Clustering and Classification of Bacteria. **2007**, 332-343 2
- 197 Patterns of Historical Balancing Selection on the Salmonid Major Histocompatibility Complex Class II B Gene. **2007**, 65, 34
- 196 Comparative sequence analysis of acid sensitive/resistance proteins in *Escherichia coli* and *Shigella flexneri*. **2007**, 2, 144-52
- 195 Analysis of SNPs in Bovine CSRP3, APOBEC2 and Caveolin Gene Family. **2007**, 49, 719-728
- 194 MtDNA Analysis of Bunun Remains Stored in the National Taiwan University. **2008**, 116, 154-160 0
- 193 Isolation and Characterization of Alkaliphilic Nitrate-Reducing Bacteria from Soil. **2008**, 44, 217-223
- 192 Genetic Variation of Fish Parasite Populations in Historically Connected Habitats: Undetected Habitat Fragmentation Effect on Populations of the Nematode *Procamallanus fulvidraconis* in the Catfish *Pelteobagrus fulvidraco*. **2008**, 94, 643

- 191 Life History Traits and the Rate of Molecular Evolution in Galliformes (Aves). **2008**, 31, 75-81
- 190 [Analysis on molecular evolution of MC1R gene in dog]. **2008**, 30, 469-74
- 189 Genetic Variation and Diversity of *Phrynocephalus vlangalii hongyuanensis* in Zoige Wetland Inferred from ND4-tRNAP_{Leu} Gene. **2008**, 29, 121-126
- 188 Isolation of the Agarolytic Bacterium *Vibrio cyclotrophicus* DAG-130 from Abalone Gut. **2008**, 11, 76-81 1
- 187 IL-1 Gene Cluster Polymorphisms in the Macedonian Population. **2008**, 1, 26-33 1
- 186 Phylogenetic analysis of homologous fatty acid synthase and polyketide synthase involved in aflatoxin biosynthesis. **2008**, 3, 33-40 0
- 185 Amylase Activity and Characterization of Microorganism Isolated from in Aquacultural Effluents Sediment Layer. **2009**, 19, 366-372
- 184 Aggressiveness of Three Snow Mold Fungi on Creeping Bentgrass Cultivars under Controlled Environment Conditions. **2009**, 25, 6-12
- 183 Molecular Cloning and Expression Pattern of Abalone (*Haliotis discus hannai*) Myostatin cDNA. **2009**, 42, 139-145 1
- 182 ISOLATION AND IDENTIFICATION OF MHC-DRB GENE EXON 2 IN THE YANGTZE FINLESS PORPOISE. **2009**, 33, 804-810
- 181 Screening and Identification of *Bacillus* sp. TS0611 from Marine Sediments for Protease Production. **2009**, 42, 461-467
- 180 Identification and Characterization of *Paenibacillus polymyxa* DY5 with Antifungal Activity against Crop Pathogenic Fungi. **2009**, 37, 181-188 1
- 179 [Genetic relationships between Tuva population and the neighboring populations in the Altai Region of Xinjiang Uygur Autonomous Region]. **2009**, 31, 818-24
- 178 Structure Prediction and Function Analysis of TAK Kinase in *Arabidopsis**. **2010**, 2009, 610-614
- 177 Classification of Yeasts of the Genus *Malassezia* by Sequencing of the ITS and D1/D2 Regions of DNA. **2010**, 337-355
- 176 Marsupial Immunoglobulin and T Cell Receptor Genomics. **2010**, 357-380 1
- 175 New data on the distribution of the Upper Lena form of grayling (*Thymallidae*) in the basin of Lake Baikal and its taxonomic status. **2010**, 48, 217
- 174 Quality Characteristics of Ginseng Coffee Treated by Coating of White Ginseng Extract. **2010**, 34, 1-7 2

- 173 MtDNA CONTROL REGION SEQUENCE VARIATION AND GENETIC DIVERSITY OF COREIUS HETERODON (BLEEKER) IN THE UPPER AND MIDDLE SECTIONS OF THE YANGTZE RIVER. **2010**, 36, 9-19 1
- 172 SAPROLEGNIA IDENTIFICATION BASED ON THEIR MORPHOLOGICAL CHARACTERISTICS AND ITS rDNA REGION. **2010**, 36, 293-301
- 171 Molecular Characterization and Sequence Analysis of Trehalose Biosynthesis Genes in Escherichia coli from Fish. **2010**, 5, 483-489
- 170 POPULATION GENETIC VARIATION AND PHYLOGEOGRAPHY OF ZACCO PLATYPUS IN GUANGDONG REGION. **2010**, 36, 806-814 1
- 169 CLONING AND IDENTIFICATION OF A SHORT TYPE PEPTIDOGLYCAN RECOGNITION PROTEIN IN XENOPUS TROPICALIS. **2010**, 36, 922-926
- 168 Cloning of CYP19a gene and expression analysis during the reproductive cycle in males of *Verasper moseri*. **2010**, 34, 194-203
- 167 A Retrospective Discussion of Three Infectious Agents as Possible Causes of Sudden Deaths in a Flock of Small Ruminants. **2010**, 9, 2455-2459
- 166 Molecular Variation of Potato Virus Y in China. **2011**, 744-748
- 165 Analyzing Complex Design Processes: The Effects of Task Automation and Integration on Process Structure in Microprocessor Design. **2012**, 38-49
- 164 Range Shifts of Mouse Lemurs in South-Eastern Madagascar: Evidence from Mitochondrial Genetic Data. **2012**, 71-77 1
- 163 Sex-linkage Identification of Microsatellite TUT1*. **2012**, 17, 404-406
- 162 Isolation and Genetic Characterization of Protease-Producing Halophilic Bacteria from Fermenting Anchovy. **2012**, 22, 167-176
- 161 Análise da variabilidade genética de acessos de *Psidium* spp. (Myrtaceae) avaliados quanto à reatividade a *Meloidogyne enterolobii*. **2012**, 34, 532-539 1
- 160 Effects of Ginsenoside Enriched in Compound K by Biotransformation on HHDPC and HaCaT Cell Growth. **2012**, 8, 99-106 1
- 159 Microbial ecology of the anaerobic and aerobic ammonia-oxidizers in full-scale wastewater treatment systems. **2012**, 26, 399-408
- 158 Cloning, expression and bioinformatics analysis of ATP sulfurylase from *Acidithiobacillus ferrooxidans* ATCC 23270 in *Escherichia coli*. **2012**, 8, 695-704 1
- 157 Construction of a composite microbial system for efficient cellulose degradation and its biodiversity analysis. **2013**, 38, 139-145
- 156 Paralytic Peptide Binding Protein (PP-BP) Gene Expression During Egg Diapause and Its Multi-Gene Organization in the Silkworm *Bombyx mori*. **2013**, 26, 31-40

- 155 Biological Characteristics and Tissue Structure of a Crustose Coralline Lithophyllum Alga. **2013**, 23, 341-346 1
- 154 Amblyomma tapirellum (Acari: Ixodidae) collected from tropical forest canopy. **2013**, 2, 194
- 153 Isolation and characterization of halotolerant bacteria associated with the midgut of Culex quinquefasciatus Say (Diptera: Culicidae). **2013**, 16, 1311-7 1
- 152 Complete genome sequence of Mesorhizobium australicum type strain (WSM2073T). **2013**, 9, 1-15
- 151 GENOTYPIC ANALYSIS OF NODULE BACTERIA NODULATING SOYBEAN IN UKRAINE SOILS. **2013**, 11, 86
- 150 Functional Evolution of Opioid Family G Protein-Coupled Receptors. **2014**, 85-104 1
- 149 Amblyomma tapirellum (Acari: Ixodidae) collected from tropical forest canopy. **2013**, 2, 194
- 148 Strong Genetic Differentiation of *Glyptothorax zanaensis* (Wu et al. 1981) in Nu River, China. **2014**, 05, 490-497
- 147 Isolation and Characterization of Nicotine-Degrading Bacterium Arthrobacter sp. NU11 and NU15. **2014**, 50, 67-72
- 146 Diversity of Legionella spp. in Antarctic Lakes of the Keller Peninsula. 417-419
- 145 Molecular Comparison of Isolates from a Recurring Outbreak of Legionnaires' Disease Spanning 22 Years. 139-142
- 144 Phylogeny reconstruction: overview. **2014**, 70-101
- 143 Comparison of phylogenetic methods and tests on trees. **2014**, 153-181
- 142 Molecular clock and estimation of species divergence times. **2014**, 361-389
- 141 Models of amino acid and codon substitution. **2014**, 35-69
- 140 Maximum likelihood methods. **2014**, 102-152
- 139 Bayesian theory. **2014**, 182-213
- 138 Simulating molecular evolution. **2014**, 418-441 0

- 137 Neutral and adaptive protein evolution. **2014**, 390-417
- 136 Appendices. **2014**, 442-449
- 135 Bayesian phylogenetics. **2014**, 263-307
- 134 Coalescent theory and species trees. **2014**, 308-360
- 133 Bayesian computation (MCMC). **2014**, 214-262
- 132 Caracterizaci3n de las bacterias 3cnicas aisladas de alimentos fermentados tradicionales del Ecuador. **2014**, 6,
- 131 Molecular Analysis and Enzymatic Characterization of Cathepsin B from Olive Flounder (*Paralichthys olivaceus*). **2014**, 26, 543-552
- 130 THE SEASONAL INCREASE OF ENTEROVIRAL INFECTION INCIDENCE IN THE NOVGOROD OBLAST. **2014**, 2, 747 2
- 129 Screening of Antagonistic Bacteria having Antifungal Activity against Various Phytopathogens. **2014**, 42, 333-340 1
- 128 Isolation and Characterization of Actinomycete Strain BK185 Possessing Antifungal Activity against Ginseng Root Rot Pathogens. **2014**, 18, 396-403
- 127 Allergen Gene Cloning. **2015**, 105-119
- 126 Identification of Coagulase-Negative Staphylococci by SodA Gene Sequence Analysis. **2015**, 8, 48-61
- 125 Gaussian Fuzzy Integral Based Classification. **2016**, 119-128 0
- 124 Isolation of *Stenotrophomonas rhizopilae* Strain GFC09 with Ginsenoside Converting Activity and Anti-wrinkle Effects of Converted Ginsenosides. **2015**, 41, 375-382 1
- 123 KORUMA ALTINDAKI NIE 3 APARI KOYUNLARDA GENETIK 3 EMLER. **2016**, 13, 71-71
- 122 Screening of Non-Biogenic-Amine-Producing *Bacillus subtilis* and Medium Optimization for Improving Biomass by the Response Surface Methodology. **2016**, 26, 571-583 3
- 121 Algal Omics: The Most-Cited Papers. **2016**, 9-34 1
- 120 The Unique Haemoglobin System of Migratory *Pleuragramma antarctica*: Correlation of Haematological and Biochemical Adaptations with Mode of Life. **2017**, 47-65 1

- 119 Expanding gene families helps generate the metabolic robustness required for antibiotic biosynthesis.
- 118 Identification of RAPD Marker Associated with Morphological Traits and Population Structure Assessed in Cultivated Flax (*Linum Usitatissimum* L.). **2017**, 9, 156-165 1
- 117 DUAS PROTEÍNAS (TcTIA6 e TcTIA7) ENVOLVIDAS NA BIOSÍNTESE DA TIAMINA CODIFICADAS PELO GENOMA do *Theobroma cacao* L. **2017**, 29, 208-213
- 116 DESIGN OF HEPATITIS E VIRUS GENOTYPE 1 RECOMBINANT ORF3 PROTEIN BY CODON OPTIMIZATION METHOD. **2017**, 63-72 1
- 115 DESIGN OF HEPATITIS E VIRUS GENOTYPE 1 RECOMBINANT CAPSID PROTEIN: CLONING, EXPRESSION, PURIFICATION, EVALUATION OF THE ANTIGENIC PROPERTIES. **2017**, 72-80 2
- 114 Iterative MapReduce. **2018**, 117-132
- 113 Pathological and Molecular Studies on Avian Influenza Virus (H9N2) in Broilers. **2018**, 13, 232-244 1
- 112 EPIDEMIOLOGIC FEATURES OF CLUSTERED MORBIDITY CAUSED BY ENTEROVIRAL INFECTIONS IN THE URAL FEDERAL DISTRICT AND WESTERN SIBERIA IN 2017. **2018**, 49-55
- 111 Detection and Molecular Characterization of Two Genotypes of Goose Parvoviruses Isolated from Growing Period Geese and Cherry Valley Ducks in China. **2019**, 63, 411-419 0
- 110 First Experience with Ozone Used in Fruit Tree Storage. **2019**, 67, 711-721
- 109 Polymorphism of gene Hemagglutinin and its influence on the properties of influenza virus a H1N1 and H7N9 strains. **2019**, 14-17
- 108 Internal transcribed spacer sequences analysis of genetic variation among and within populations of *Atriplex halimus* from different bioclimatic zones in Morocco. **2019**, 61, 233-250
- 107 Computational Management of Alignment of Multiple Protein Sequences Using ClustalW. **2020**, 177-186
- 106 Measurement of Genetic Diversity of Chinese Seashore *Paspalum* Resources through Morphological and Sequence-related Amplified Polymorphism Analysis. **2019**, 144, 379-386
- 105 Análise e caracterização de um promissor alvo terapêutico identificado em *Leishmania* spp. 99-132
- 104 Analysis and characterization of a promising therapeutic target identified in *Leishmania* spp. 99-132
- 103 Differential expression and functional analysis of two short-chain alcohol dehydrogenases/reductases in *Hedychium coronarium*. **2020**, 32, 97-114
- 102 Molecular Identification of Bacterial Species from *Musca domestica* L. and *Chrysomya megacephala* L. in Luwuk City, Central Sulawesi, Indonesia. **2020**, 14, 1595-1607 0

101	Molecular typing of <i>Rickettsia akari</i> . 2020 , 10, 497-505		
100	The Primary Complete Mitochondrial Genome of the Lappet Moth (Lepidoptera: Brahmaeidae) and Related Phylogenetic Analysis. 2021 , 12,		
99	Potential probiotic activity of <i>Lactobacillus brevis</i> SCML 504 isolated from traditional Korean fermented food and the preparation of <i>Bikhye</i> with brown rice. 2020 , 27, 46-57		0
98	Aquatic Thermal Reservoirs of Microbial Life in a Remote and Extreme High Andean Hydrothermal System. <i>Microorganisms</i> , 2020 , 8,	4.9	2
97	Cetaceans of the Black Sea: where did they survive glacial?.		
96	Laboratory methods supporting measles surveillance in Queensland, Australia, 2010-2017. 2020 , 2, acmi000093		
95	Molecular characterization of a human group C rotavirus detected first in Turkey.		
94	Evolution of the Translation Termination System in Eukaryotes. 2008 , 277-287		
93	The Complete Mitochondrial Genomes of the Fenton's Wood White, <i>Leptidea morsei</i> , and the Lemon Emigrant, <i>Catopsilia pomona</i> . 2014 , 14, 1-22		46
92	Molekulare Evolutionsforschung. 2007 , 295-402		
91	<i>Glossina swynnertoni</i> (Diptera: Glossinidae): effective population size and breeding structure estimated by mitochondrial diversity. 2006 , 96, 353-60		10
90	Unravelling selection shifts among foot-and-mouth disease virus (FMDV) serotypes. 2007 , 2, 211-25		10
89	Identification of novel retroid agents in <i>Danio rerio</i> , <i>Oryzias latipes</i> , <i>Gasterosteus aculeatus</i> and <i>Tetraodon nigroviridis</i> . 2007 , 3, 179-95		11
88	Choosing and using introns in molecular phylogenetics. 2007 , 3, 99-108		9
87	Case report: <i>Paenibacillus thiaminolyticus</i> : a new cause of human infection, inducing bacteremia in a patient on hemodialysis. 2008 , 38, 393-400		50
86	Emergence of new lineage of Dengue virus 3 (genotype III) in Lucknow, India. 2013 , 5, 68-75		9
85	Genetic Diversity of <i>Bacillus thuringiensis</i> from Different Geo-Ecological Regions of Ukraine by Analyzing the 16S rRNA and <i>gyrB</i> Genes and by AP-PCR and saAFLP. 2013 , 5, 90-100		1
84	Isolation and preliminary characterization of a o-nitrobenzaldehyde-degrading <i>Alcaligenes</i> sp. ND1. 2008 , 39, 776-9		1

83	In vitro establishment and propagation of a Brazilian strain of <i>Anaplasma marginale</i> with appendage in IDE8 (<i>Ixodes scapularis</i>) cells. 2009 , 40, 399-403	1
82	Human Bocavirus in Iranian children with acute gastroenteritis. 2013 , 27, 127-31	7
81	Evaluation of Ozone Application in Dental Unit Water Lines Contaminated with Pathogenic <i>Acanthamoeba</i> . 2015 , 10, 410-9	
80	Microsatellite analysis of variation among wild, domesticated, and genetically improved populations of blunt snout bream (<i>Megalobrama amblycephala</i>). 2014 , 35, 108-17	1
79	Potential of anaerobic bacteria in bioremediation of metal-contaminated marine and estuarine environment. 2022 , 305-326	2
78	Overexpression and characterization of a novel plant carotenoid cleavage dioxygenase 1 from <i>Morus notabilis</i> . 2021 ,	0
77	Cloning and Characterization of a Novel Carotenoid Cleavage Dioxygenase 1 from <i>Helianthus annuus</i> . 2021 , e2100694	0
76	AVALIAÇÃO DA REGIÃO ESPERALDORA 16S-23S DNAR COMO MARCADOR MOLECULAR PARA DIFERENCIAÇÃO DE <i>ACIDOVORAX AVENAE</i> SUBSP. <i>CATTLEYAE</i> E <i>BURKHOLDERIA GLADIOLI</i> PV. <i>GLADIOLI</i> PATOGÊNICAS A ORÇUNDEAS. 2007 , 74, 233-238	
75	Biochemical and molecular identification of Gram-positive isolates with hemolysis activity isolated from the nasal swab of pigs during the human meningitis outbreak in Badung Regency, Bali-Indonesia.. 2022 , 15, 140-146	
74	Rabies outbreak in black-backed jackals (<i>Canis mesomelas</i>), South Africa, 2016.. 1-42	1
73	Rapid <i>Russula senecis</i> identification assays using loop-mediated isothermal amplification based on real-time fluorescence and visualization.. 2022 , 106, 1227	1
72	A First Glimpse on Cold-Adapted PCB-Oxidizing Bacteria in Edmonson Point Lakes (Northern Victoria Land, Antarctica). 2022 , 14, 109	0
71	Salt Tolerant Indigenous Zn Solubilizing Bacteria Isolated from Forest Organic Soils Promotes Yield and Root Growth in <i>Oryza Sativa</i> under Zinc Deficient Alluvial Soil. 1-12	
70	PnSCR82, a small cysteine-rich secretory protein of <i>Phytophthora nicotianae</i> , can enhance defense responses in plants. 2022 , 21, 751-761	0
69	Metagenomics Analysis of the Wheat Virome Identifies Novel Plant and Fungal-Associated Viral Sequences.. 2021 , 13,	2
68	Bibliographie. 2021 , 321-337	
67	Pectinases: Production, Harvest, Recovery, and Potential Industrial Application. 2022 , 257-277	
66	Comparative study of DNA extraction to initiate harmonized protocol for a simple method of species identification: Fresh and canned Tuna case study. 2022 , 20, 39-49	0

- 65 Genetic Characteristics of Porcine Hemagglutinating Encephalomyelitis Coronavirus: Identification of Naturally Occurring Mutations Between 1970 and 2015.. **2022**, 13, 860851 1
- 64 Character-based diagnostic keys, molecular identification and phylogenetic relationships of threadfin breams (family: Nemipteridae) based on mitochondrial genes from the Southern coromandel Coast, India.. **2022**, 1-13
- 63 Prevalence and Clonal Diversity of over 1,200 *Listeria monocytogenes* Isolates Collected from Public Access Waters near Produce Production Areas on the Central California Coast during 2011 to 2016.. **2022**, e0035722 1
- 62 PcCesA1 is involved in the polar growth, cellulose synthesis, and glycosidic linkage crosslinking in the cell wall of *Phytophthora capsici*.. **2022**, 208, 720-730 1
- 61 Genetic diversity of oral streptococci in the guinea pig as assessed by sequence analysis of the 16S rRNA and groEL genes.. **2021**, 67, 311 1
- 60 Genetic diversity and structure of captive gentoo penguin populations in Japan.. **2021**,
- 59 Algorithms for Genomic Analysis. **2008**, 33-54
- 58 Data_Sheet_1.pdf. **2020**,
- 57 Table_1.XLSX. **2020**,
- 56 Table_1.DOC. **2018**,
- 55 Table_2.DOCX. **2018**,
- 54 Table_3.XLSX. **2018**,
- 53 Table_4.XLSX. **2018**,
- 52 Data_Sheet_1.docx. **2020**,
- 51 Table_1.DOCX. **2018**,
- 50 Data_Sheet_1.doc. **2018**,
- 49 Image_1.JPEG. **2018**,
- 48 Image_2.JPEG. **2018**,

47 Image_3.JPEG. **2018**,

46 Image_4.JPEG. **2018**,

45 Image_5.TIF. **2018**,

44 Table_1.DOCX. **2018**,

43 Bibliographie. 287-301

42 Effects of Aquatic Acidification on Microbially Mediated Nitrogen Removal in Estuarine and Coastal Environments.. **2022**,

1

41 Production of a Novel Marine *Pseudomonas aeruginosa* Recombinant L-Asparaginase: Insight on the Structure and Biochemical Characterization.. **2022**, 1

0

40 Biocontrol of toxinogenic and f. sp. by two rare Saharan actinomycetes strains and LC-ESI/MS-MS profiling of their antimicrobial products.. **2022**, 29, 103288

0

39 HIV-1 drug resistance surveillance using dried whole blood spots. **2007**, 12, 107-114

22

38 HIV-1 Transmission Cluster with M41L Singleton Mutation and Decreased Transmission of Resistance in Newly Diagnosed Swedish Homosexual Men. *Antiviral Therapy*, **2006**, 11, 1031-1040

1.6 17

37 Inhibitory Effect of Isolated Bacteria from the Phycosphere of *Levanderina fissa* on the Growth of Different Microalgae. *Frontiers in Marine Science*, **2022**, 9,

4-5

36 *Rickettsia felis* and Other *Rickettsia* Species in Chigger Mites Collected from Wild Rodents in North Carolina, USA. *Microorganisms*, **2022**, 10, 1342

4-9 1

35 Proteomic differences between *Vibrio tubiashii* strains with high- or low-virulence levels isolated from diseased ivory snail *Babylonia areolata*. *Aquaculture International*,

2.6

34 Developing microsatellite duplex PCR reactions for sterlet (*Acipenser ruthenus*) and their application in parentage identification. *Scientific Reports*, **2022**, 12,

4-9 0

33 Characterization of TRIM16, a member of the fish-specific finTRIM family, in olive flounder *Paralichthys olivaceus*. *Fish and Shellfish Immunology*, **2022**, 127, 666-671

4-3

32 Appendices. **2006**, 311-318

31 Preface. **2006**, vii-x

30 Dedication. **2006**, v-vi

29	Copyright Page. 2006 , iv-iv	
28	Preface. 2014 , vii-viii	
27	Copyright Page. 2014 , iv-iv	
26	Foreword. 2014 , v-vi	
25	Genetic Diversity, Population Structure, and Conservation Units of <i>Castanopsis sclerophylla</i> (Fagaceae). 2022 , 13, 1239	0
24	First Isolation and Characteristics of Bovine Parainfluenza Virus Type 3 from Yaks. 2022 , 11, 962	1
23	Transcription factor OsNAC055 regulates GA-mediated lignin biosynthesis in rice straw. 2022 , 325, 111455	0
22	Diversity of cellulolytic and xylanolytic fungi associated with the digestive tract of aquatic insect larvae in streams of the Amazon Forest and Cerrado in Brazil. 82,	0
21	SARS-CoV-2 from COVID-19 Patients in the Republic of Moldova: Whole-Genome Sequencing Results. 2022 , 14, 2310	0
20	The insertion/deletion in the DNA-binding region allows the discrimination and subsequent identification of the glucocorticoid receptor 1 (gr1) and gr2 nucleotide sequences in gilthead sea bream (<i>Sparus aurata</i>): Standardizing the gr nomenclature for a better understanding of the stress response in teleost fish species. 9,	0
19	Mitochondrial diversity and phylogenetic structure of Yellowcheek (<i>Elopichthys bambusa</i>) in the Yangtze River.	1
18	MPK6-mediated HY5 phosphorylation regulates light-induced anthocyanin accumulation in apple fruit.	1
17	ISOLATION AND IDENTIFICATION OF ABORIGINAL STRAINS FROM OIL-CONTAMINATED SOIL. 2022 , 30-43	0
16	Application of Quasimetagenomics Methods to Define Microbial Diversity and Subtype <i>Listeria monocytogenes</i> in Dairy and Seafood Production Facilities.	0
15	Nanomolar biosensor for detection of phenylacetic acid and L-phenylalanine. 2023 , 191, 108765	0
14	Study on the Bioconversion of Curcumin to Calebin-A Using <i>Spirulina subsalsa</i> and Its Taxonomic Resolution Using 16S rRNA Analysis.	0
13	Subtle Longitudinal Alterations in Env Sequence Potentiate Differences in Sensitivity to Broadly Neutralizing Antibodies following Acute HIV-1 Subtype C Infection. 2022 , 96,	0
12	Codon usage bias and genetic diversity in chloroplast genomes of <i>Elaeagnus</i> species (Myrtilloaceae: Elaeagnaceae). 2023 , 29, 239-251	0

- 11 Functional characterization of three TERMINAL FLOWER 1-like genes from *Platanus acerifolia*. ○
- 10 SSR marker based analysis for identification and of genetic diversity of non-heading Chinese cabbage varieties. 14, ○
- 9 Potential of desiccation-tolerant plant growth-promoting rhizobacteria in growth augmentation of wheat (*Triticum aestivum* L.) under drought stress. 14, ○
- 8 Prevalence and Molecular Characterization of Bovine Parainfluenza Virus Type 3 in Cattle Herds in China. **2023**, 13, 793 ○
- 7 The endoparasite *Perkinsus olseni* affecting the Mediterranean mussels (*Mytilus galloprovincialis*) in the Italian and Spanish waters: A new possible threat for mussel aquaculture and wild animal population. 10, ○
- 6 Isolation and functional characterization of three TERMINAL FLOWER 1-like genes from *Platanus acerifolia*. ○
- 5 Thioredoxin-2 Regulates SqrR-Mediated Polysulfide-Responsive Transcription via Reduction of a Polysulfide Link in SqrR. **2023**, 12, 699 ○
- 4 TaBAS1 encoding a typical 2-Cys peroxiredoxin enhances salt tolerance in wheat. 14, ○
- 3 Molecular Characterization and Expression Response of Ghrelin, GLP-1 and PYY to Fasting, Dietary Lipid, and Fatty Acids in Silver Pomfret (*Pampus argenteus*). **2023**, 8, 170 ○
- 2 A Case Report on a Human Bite Contact with a Rabid Honey Badger *Mellivora capensis* (Kromdraai Area, Cradle of Humankind, South Africa). **2023**, 8, 186 ○
- 1 Sulfur, sterol and trehalose metabolism in the deep-sea hydrocarbon seep tubeworm *Lamellibrachia luymesii*. **2023**, 24, ○